

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\  
 Data File : VD066986.D  
 Acq On : 01 Oct 2020 11:53  
 Operator : VA/SY  
 Sample : VSTDIC010  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Manual Integrations  
 APPROVED

MMDadoda  
 10/2/2020 3:13:16 PM

Quant Time: Oct 01 15:15:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 01 15:02:24 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 456944   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 725302   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 665442   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 320289   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.34   | 65  | 46110    | 10.48 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 20.96% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 49514    | 10.43 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 20.86% |      |
| 50) Toluene-d8            | 10.33  | 98  | 176009   | 10.17 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 20.34% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 57975    | 9.87  | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 19.74% |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 48078  | 11.588 | ug/l   | 98     |
| 3) Chloromethane              | 2.21 | 50  | 40742  | 11.196 | ug/l   | 94     |
| 4) Vinyl Chloride             | 2.35 | 62  | 41462  | 11.363 | ug/l   | 95     |
| 5) Bromomethane               | 2.77 | 94  | 30736  | 11.557 | ug/l   | 98     |
| 6) Chloroethane               | 2.93 | 64  | 23903  | 10.757 | ug/l   | 93     |
| 7) Trichlorofluoromethane     | 3.28 | 101 | 88747  | 10.947 | ug/l   | 94     |
| 8) Diethyl Ether              | 3.71 | 74  | 19612  | 9.756  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 50816  | 11.090 | ug/l   | 94     |
| 10) Methyl Iodide             | 4.30 | 142 | 41629  | 9.350  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 5.20 | 59  | 22822  | 60.914 | ug/l # | 72     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 46778  | 10.860 | ug/l   | 90     |
| 13) Acrolein                  | 3.92 | 56  | 14837  | 50.345 | ug/l   | 94     |
| 14) Allyl chloride            | 4.73 | 41  | 59280  | 10.594 | ug/l   | 99     |
| 15) Acrylonitrile             | 5.42 | 53  | 37385  | 50.528 | ug/l   | 100    |
| 16) Acetone                   | 4.16 | 43  | 34497  | 51.346 | ug/l   | 90     |
| 17) Carbon Disulfide          | 4.41 | 76  | 142535 | 10.782 | ug/l   | 97     |
| 18) Methyl Acetate            | 4.71 | 43  | 16790  | 9.943  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.49 | 73  | 77021  | 9.795  | ug/l # | 89     |
| 20) Methylene Chloride        | 4.97 | 84  | 74916  | 12.232 | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 49376  | 10.072 | ug/l   | 93     |
| 22) Diisopropyl ether         | 6.37 | 45  | 107442 | 10.517 | ug/l # | 95     |
| 23) Vinyl Acetate             | 6.31 | 43  | 274769 | 47.464 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 83699  | 10.616 | ug/l   | 98     |
| 25) 2-Butanone                | 7.21 | 43  | 48312  | 50.719 | ug/l   | 92     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 83201  | 10.999 | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 56099  | 10.715 | ug/l   | 97     |
| 28) Bromochloromethane        | 7.54 | 49  | 29893  | 9.818  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 28291  | 51.654 | ug/l   | 98     |
| 30) Chloroform                | 7.71 | 83  | 91020  | 10.642 | ug/l   | 99     |
| 31) Cyclohexane               | 7.98 | 56  | 71513  | 10.819 | ug/l # | 90     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 84109  | 10.611 | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 71434  | 10.566 | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.30 | 43  | 24139  | 10.307 | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.09 | 117 | 77108  | 10.541 | ug/l   | 95     |

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Manual Integrations  
 APPROVED

MMDadoda  
 10/2/2020 3:13:16 PM

Quant Time: Oct 01 15:15:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 01 15:02:24 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 67728    | 9.476   | ug/l   | 92       |
| 40) Benzene                    | 8.35  | 78   | 203712   | 10.848  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.52  | 41   | 11222    | 8.869   | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.42  | 62   | 56489    | 10.766  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.45  | 43   | 43860    | 10.166  | ug/l   | 99       |
| 44) Trichloroethene            | 9.11  | 130  | 57451    | 10.246  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 46067    | 10.441  | ug/l   | 96       |
| 46) Dibromomethane             | 9.48  | 93   | 25877    | 10.204  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.66  | 83   | 71181    | 10.798  | ug/l   | 94       |
| 48) Methyl methacrylate        | 9.45  | 41   | 21324    | 9.647   | ug/l   | 90       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 5115     | 193.264 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 108245   | 50.368  | ug/l   | 97       |
| 52) Toluene                    | 10.40 | 92   | 126921   | 10.493  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 58920    | 10.001  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 73802    | 10.259  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 36665    | 10.400  | ug/l   | 91       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 33899    | 9.313   | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 59857    | 10.470  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 95590    | 47.183  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.98 | 43   | 71231    | 49.659  | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.14 | 129  | 49665    | 10.569  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 35750    | 10.555  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 51050    | 10.552  | ug/l   | 84       |
| 65) Chlorobenzene              | 11.67 | 112  | 136930   | 10.346  | ug/l   | 92       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 53026    | 10.533  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.74 | 91   | 227700   | 10.041  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 182557   | 20.657  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 78933    | 9.988   | ug/l   | 95       |
| 70) Styrene                    | 12.20 | 104  | 135118   | 9.957   | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 26480    | 10.133  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.48 | 105  | 213969   | 9.839   | ug/l   | 98       |
| 74) N-amyl acetate             | 12.29 | 43   | 37516    | 9.596   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 39193    | 10.696  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 31399m   | 11.501  | ug/l   |          |
| 77) Bromobenzene               | 12.76 | 156  | 53352    | 10.160  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.82 | 91   | 258531   | 10.059  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 149030   | 10.134  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 186280   | 10.138  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 11219    | 10.026  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 163981   | 10.481  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 153218   | 9.902   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 187675   | 10.235  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 214359   | 9.837   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 203867   | 10.092  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 108774   | 10.634  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 108166   | 10.576  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.85 | 91   | 184626   | 10.000  | ug/l   | 97       |
| 90) Hexachloroethane           | 14.11 | 117  | 35727    | 10.096  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 91768    | 10.273  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 6012     | 10.178  | ug/l   | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\  
Data File : VD066986.D  
Acq On : 01 Oct 2020 11:53  
Operator : VA/SY  
Sample : VSTDICC010  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC010

Manual Integrations  
APPROVED

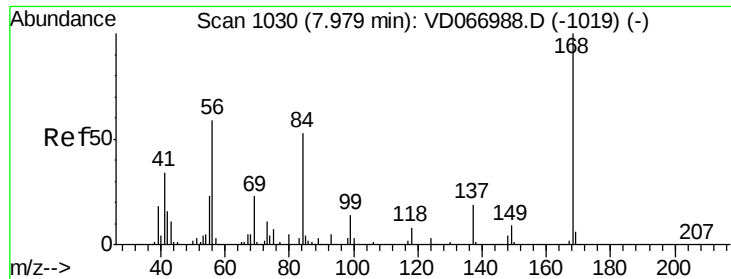
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10/2/2020 3:13:16 PM

Quant Time: Oct 01 15:15:33 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100120S.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 01 15:02:24 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 54322    | 9.401  | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 36506    | 10.287 | ug/l  | 98       |
| 95) Naphthalene            | 15.41 | 128  | 79220    | 8.220  | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 47442    | 9.458  | ug/l  | 97       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 456944

Ion Ratio Lower Upper

168 100

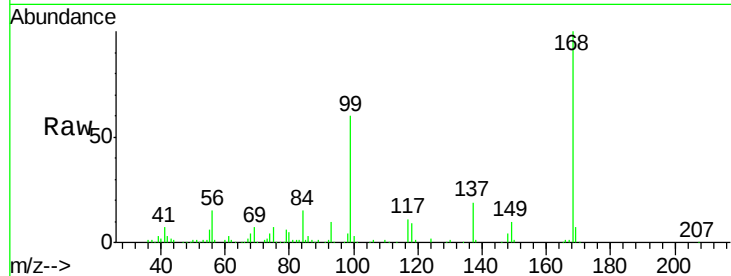
99 59.6 44.1 66.1

Manual Integrations

APPROVED

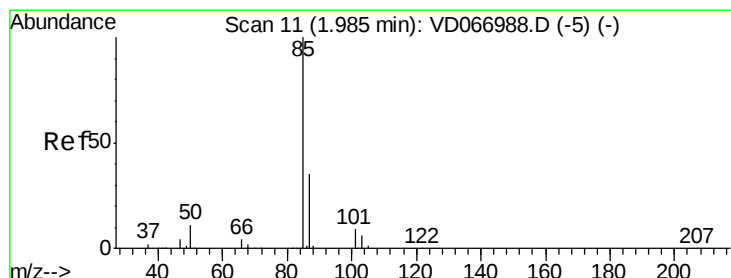
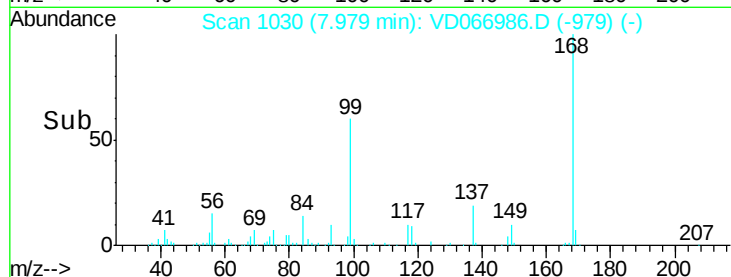
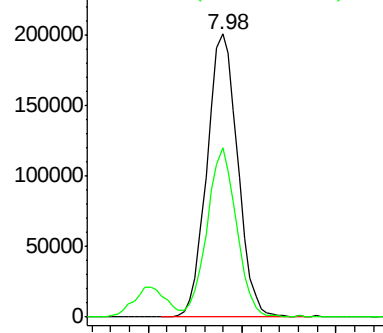
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 11.588 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066986.D

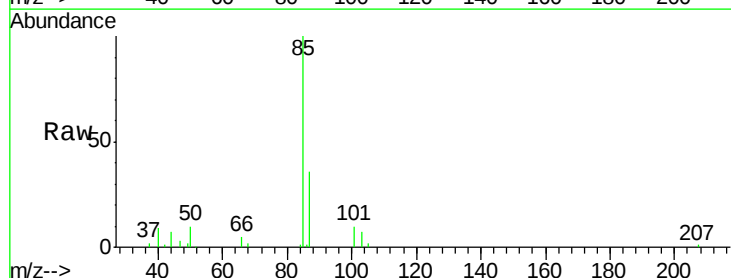
Acq: 01 Oct 2020 11:53

Tgt Ion: 85 Resp: 48078

Ion Ratio Lower Upper

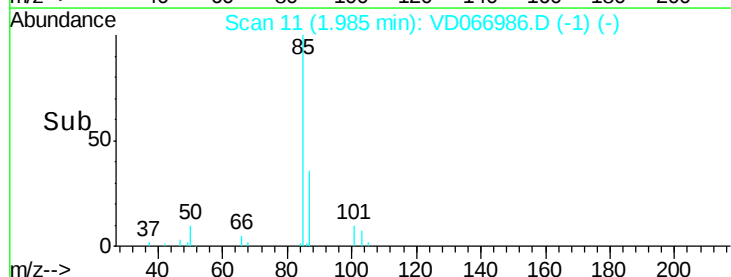
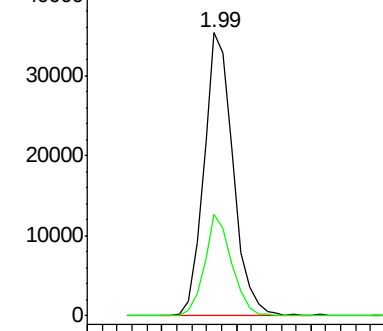
85 100

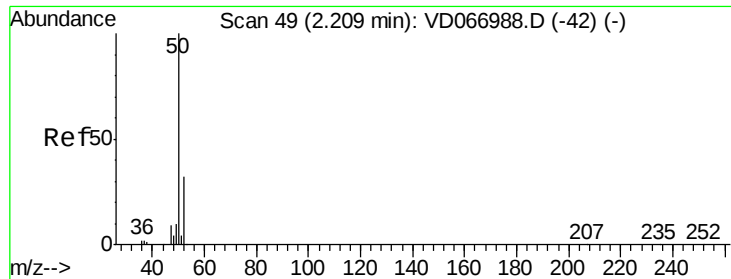
87 35.8 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 11.196 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 40742

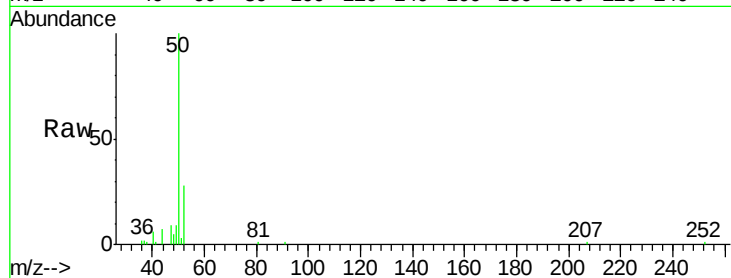
Ion Ratio Lower Upper

50 100

52 28.0 25.3 37.9

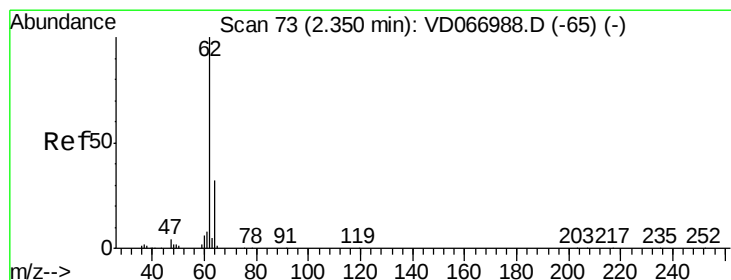
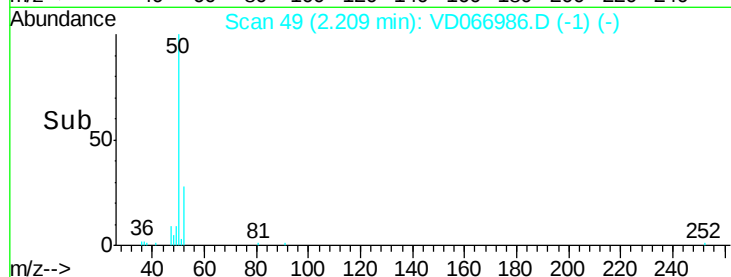
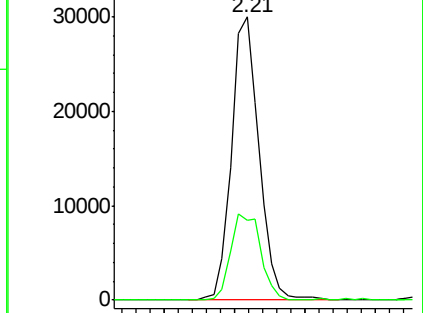
Manual Integrations  
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 11.363 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066986.D

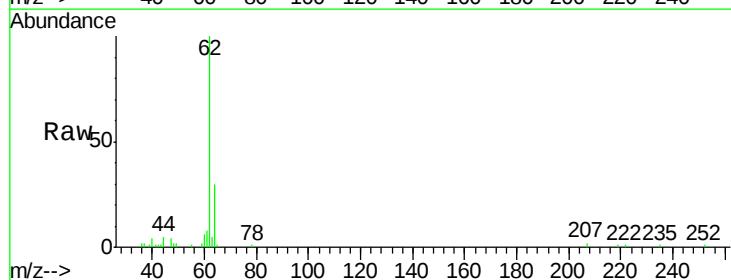
Acq: 01 Oct 2020 11:53

Tgt Ion: 62 Resp: 41462

Ion Ratio Lower Upper

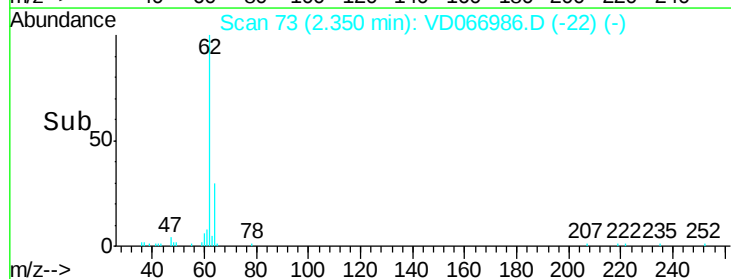
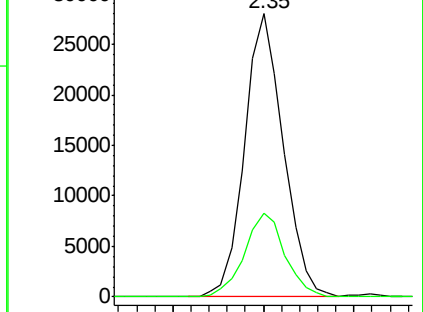
62 100

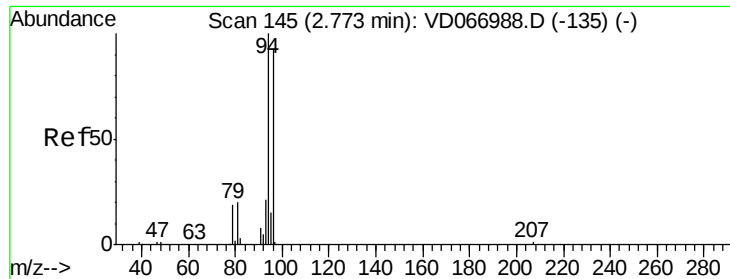
64 29.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 11.557 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 30736

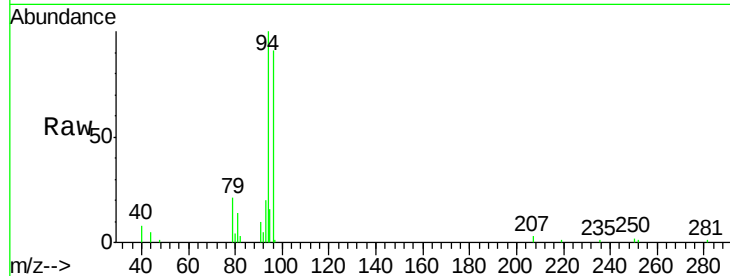
Ion Ratio Lower Upper

94 100

96 91.2 74.6 112.0

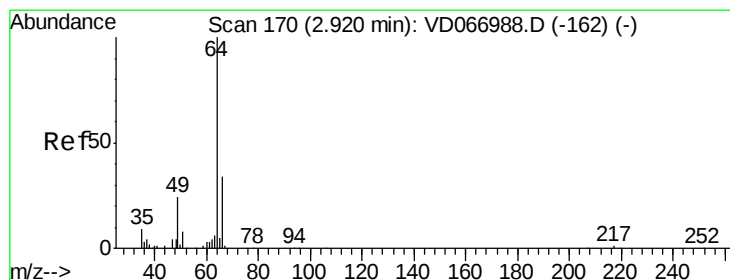
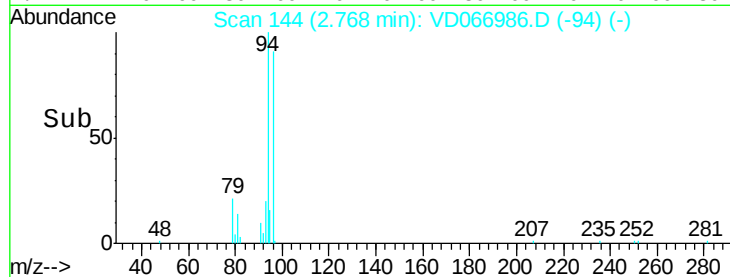
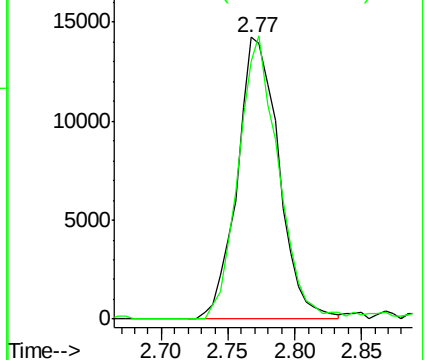
Manual Integrations  
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10/2/2020 3:13:16 PM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 10.757 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066986.D

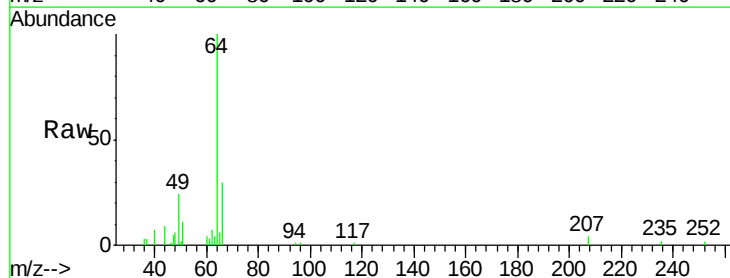
Acq: 01 Oct 2020 11:53

Tgt Ion: 64 Resp: 23903

Ion Ratio Lower Upper

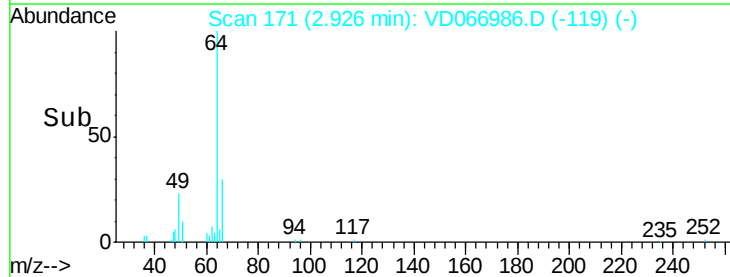
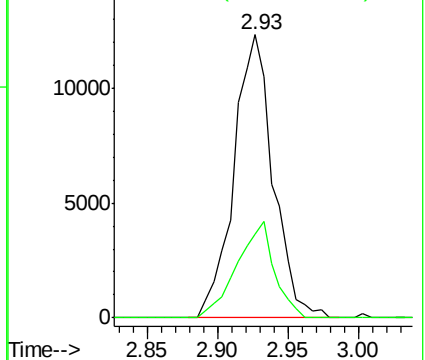
64 100

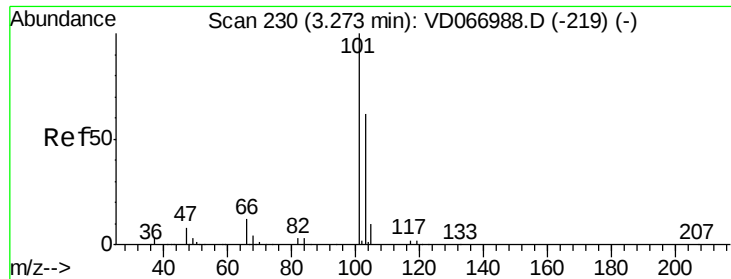
66 29.7 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

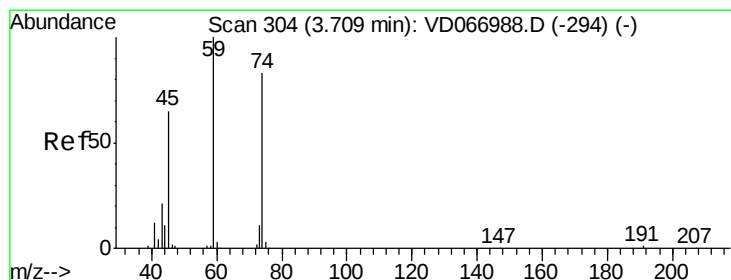
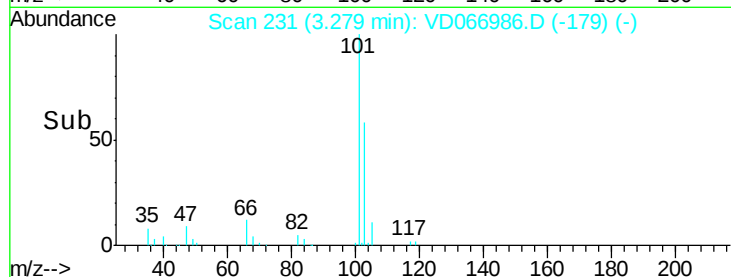
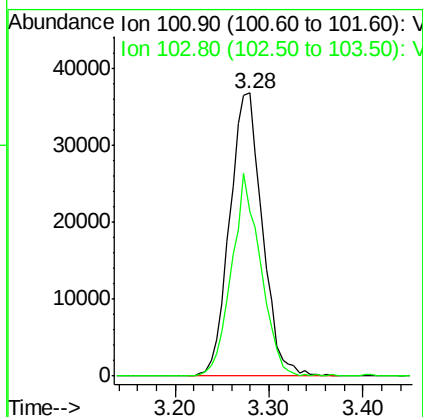
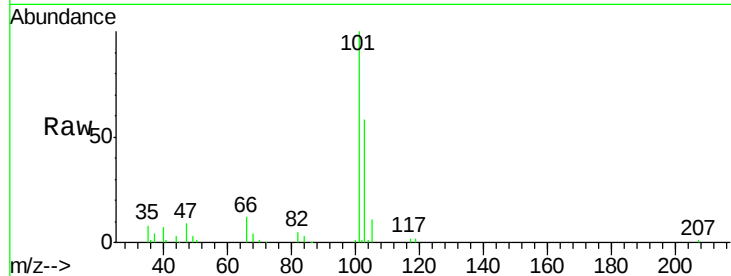
Trichlorofluoromethane  
Concen: 10.947 ug/l  
RT: 3.28 min Scan# 231  
Delta R.T. 0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 58.0  | 49.8  | 74.8  |

Manual Integrations  
APPROVED

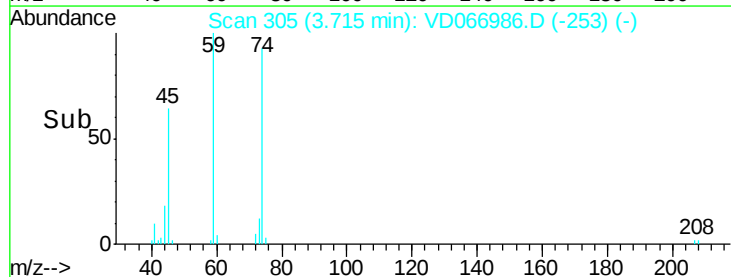
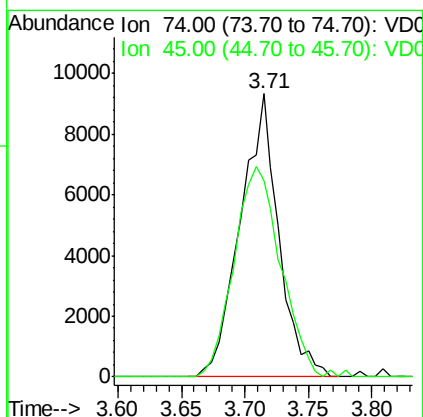
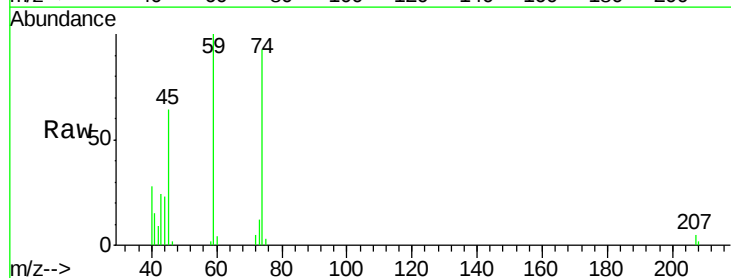
MMDadoda  
10/2/2020 3:13:16 PM

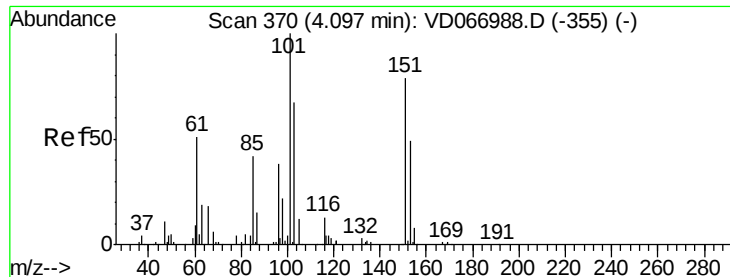


#8

Diethyl Ether  
Concen: 9.756 ug/l  
RT: 3.71 min Scan# 305  
Delta R.T. 0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 89.8  | 43.1  | 129.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.090 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

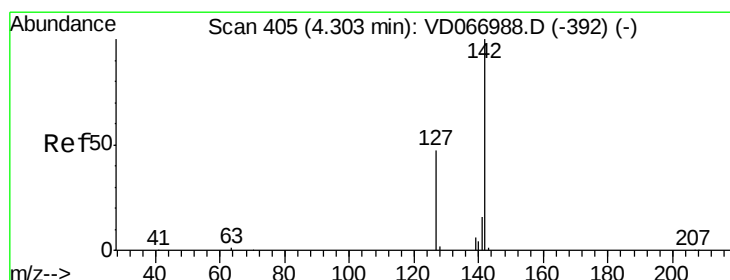
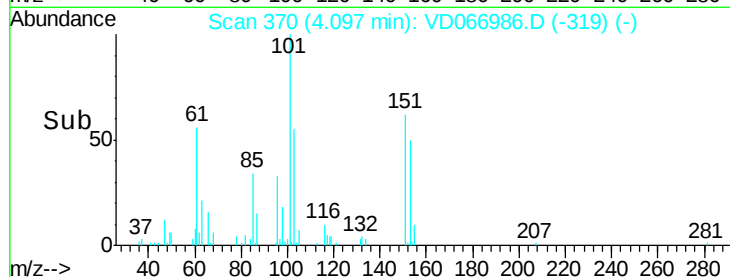
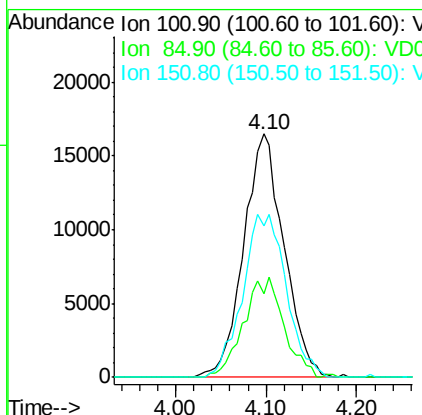
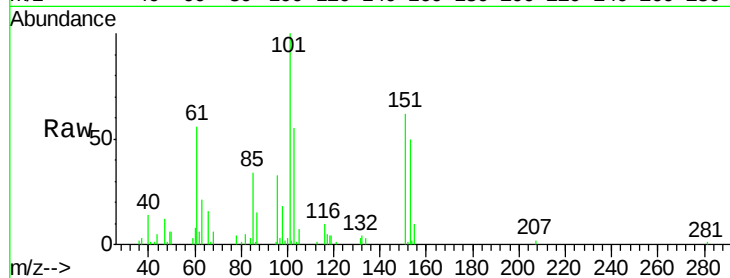
ClientSampleId :

VSTDIC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 50816 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 40.9  | 33.8  | 50.8  |
| 151       | 72.5  | 63.8  | 95.8  |

Manual Integrations  
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10/2/2020 3:13:16 PM



#10

Methyl Iodide

Concen: 9.350 ug/l

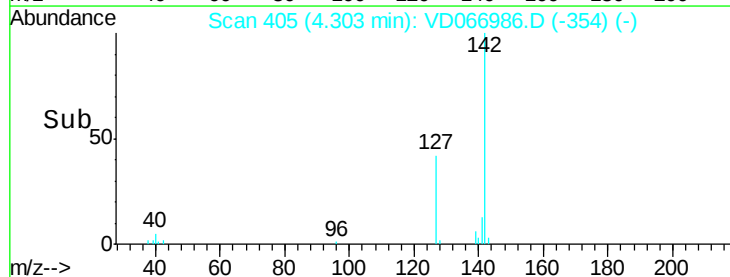
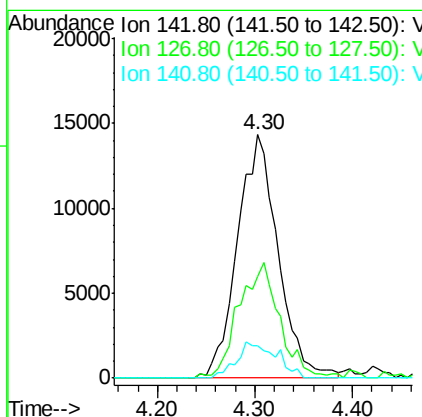
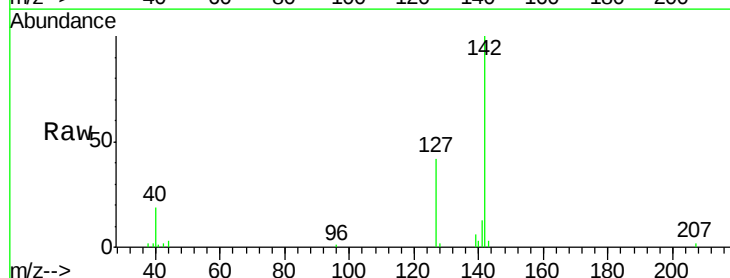
RT: 4.30 min Scan# 405

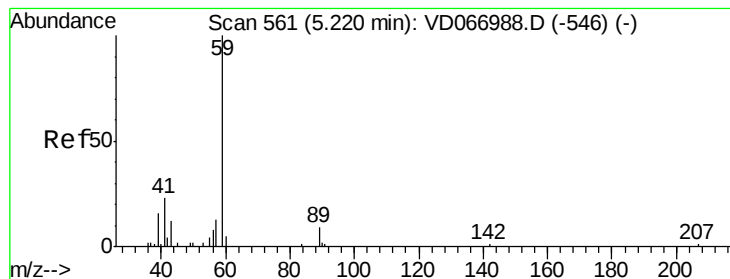
Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 41629 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 47.4  | 36.3  | 54.5  |
| 141       | 14.5  | 12.0  | 18.0  |





#11

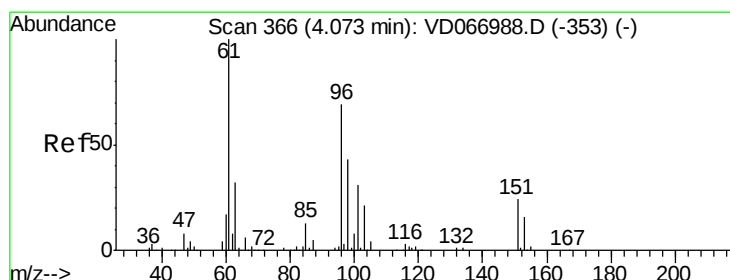
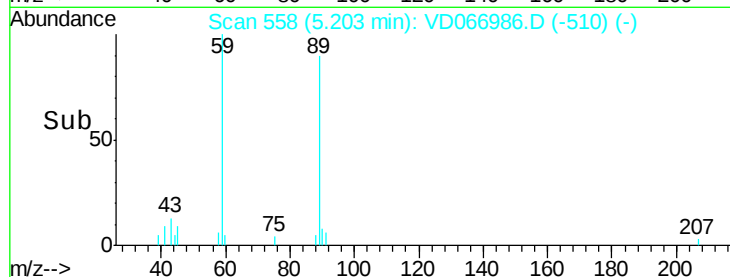
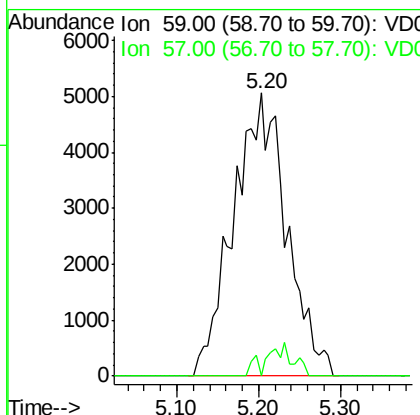
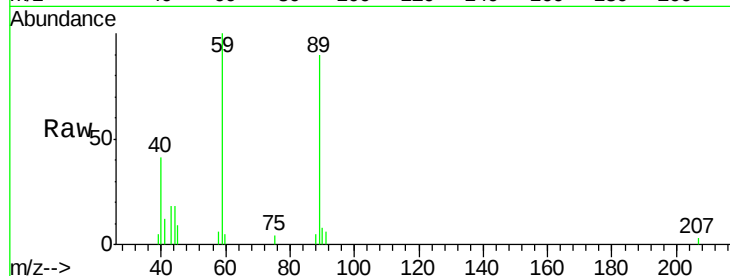
Tert butyl alcohol  
Concen: 60.914 ug/l  
RT: 5.20 min Scan# 558  
Delta R.T. -0.02 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 0.0   | 8.2   | 12.4# |

Manual Integrations  
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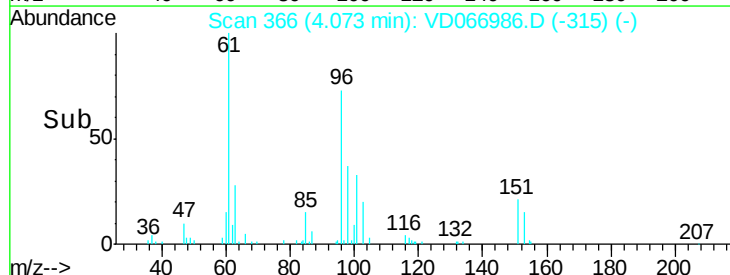
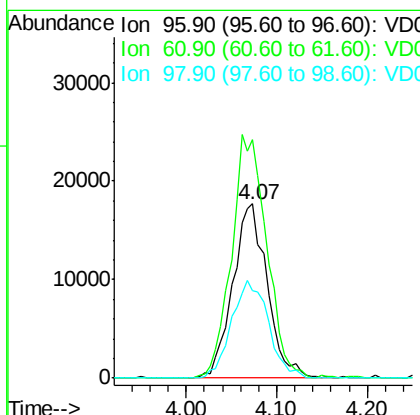
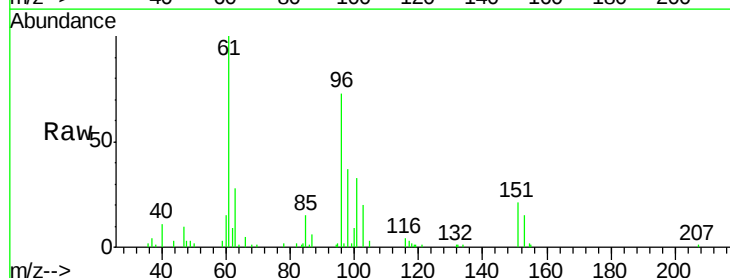
MMDadoda  
10/2/2020 3:13:16 PM

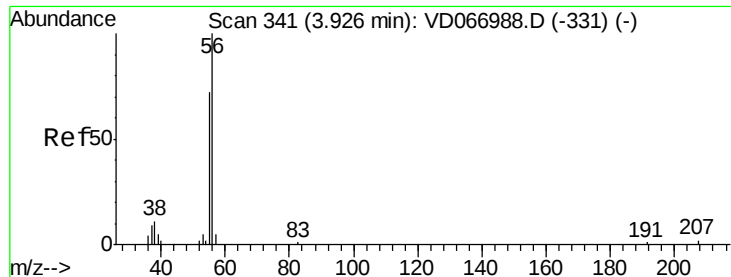


#12

1,1-Dichloroethene  
Concen: 10.860 ug/l  
RT: 4.07 min Scan# 366  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 136.5 | 116.4 | 174.6 |
| 98      | 50.0  | 49.9  | 74.9  |





#13

Acrolein

Concen: 50.345 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 14837

Ion Ratio Lower Upper

56 100

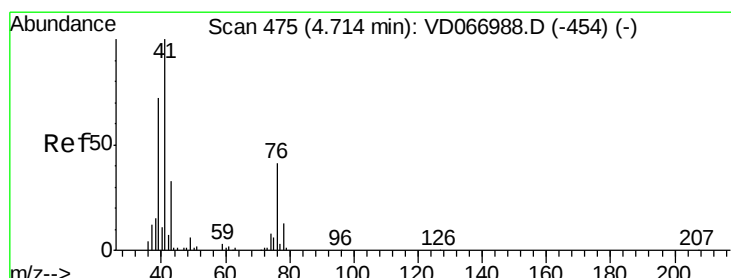
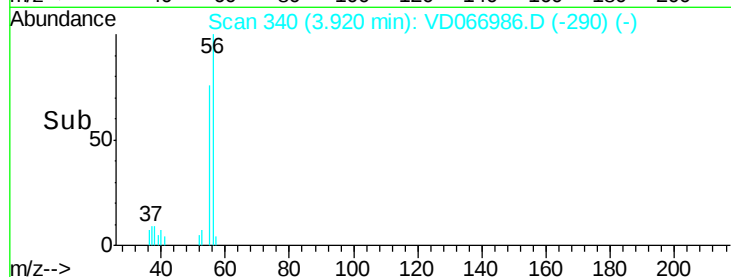
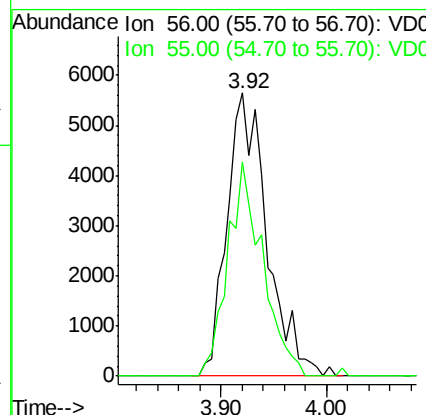
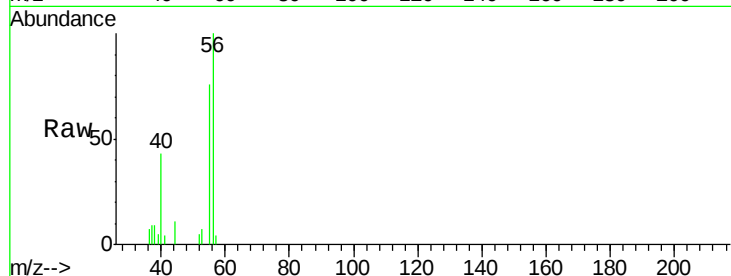
55 65.8 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 10.594 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

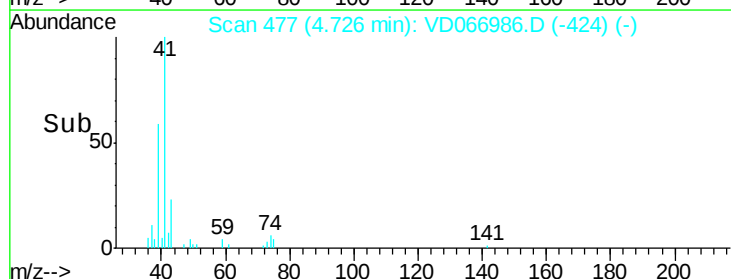
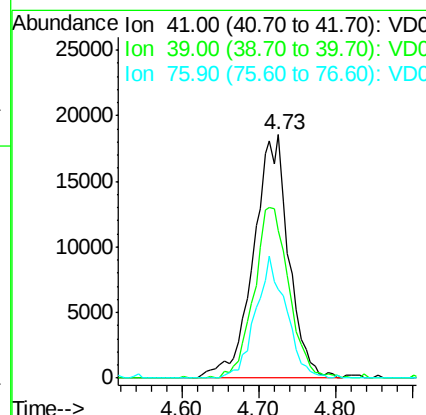
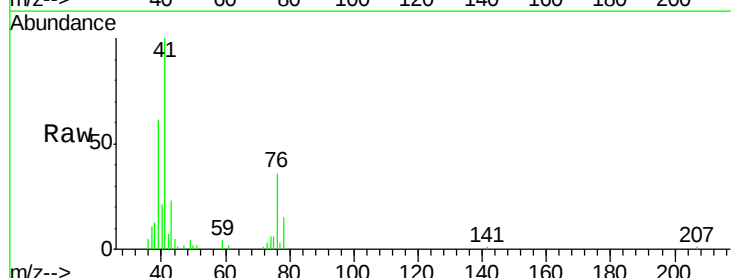
Tgt Ion: 41 Resp: 59280

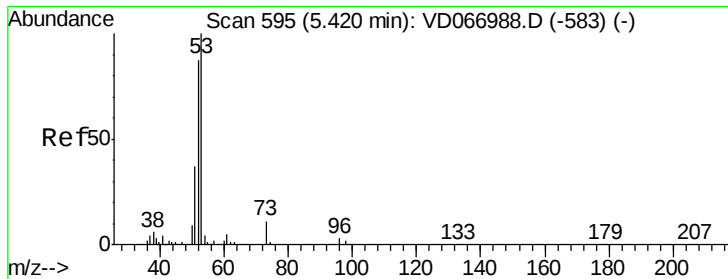
Ion Ratio Lower Upper

41 100

39 69.4 56.2 84.2

76 43.2 34.2 51.2





#15

Acrylonitrile

Concen: 50.528 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

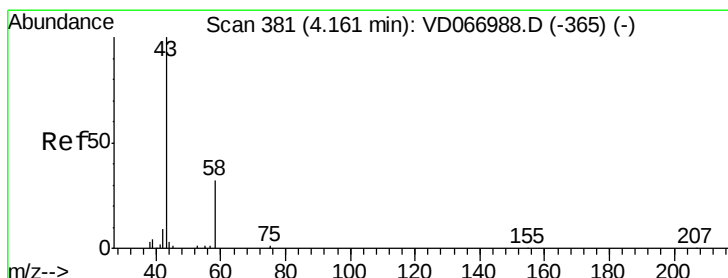
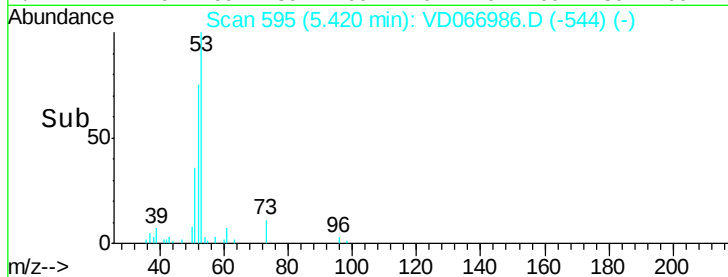
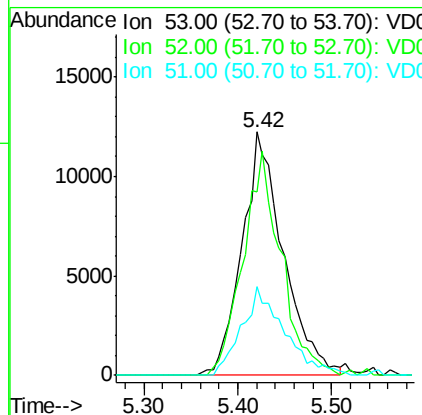
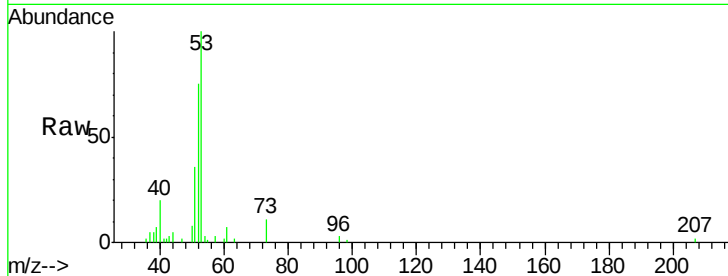
ClientSampleId :

VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 37385 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 84.5  | 67.3  | 100.9 |
| 51       | 37.6  | 30.2  | 45.2  |

Manual Integrations  
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10/2/2020 3:13:16 PM



#16

Acetone

Concen: 51.346 ug/l

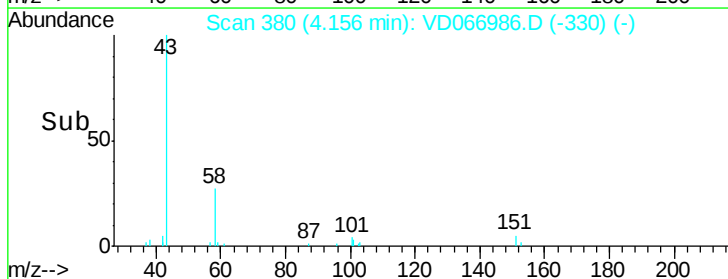
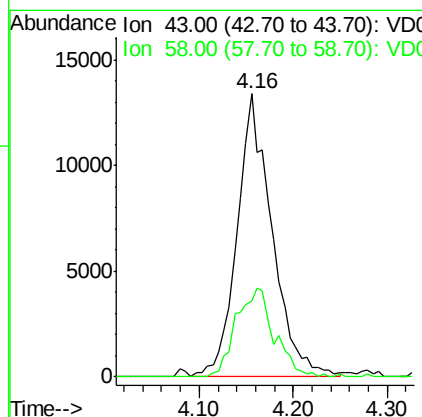
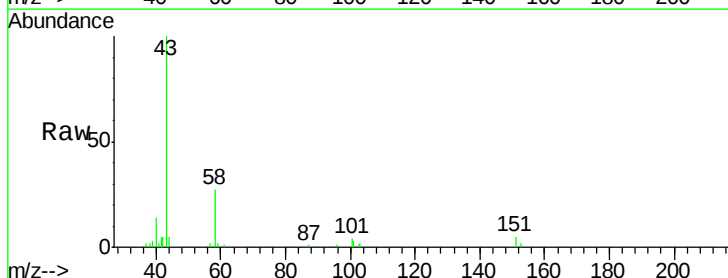
RT: 4.16 min Scan# 380

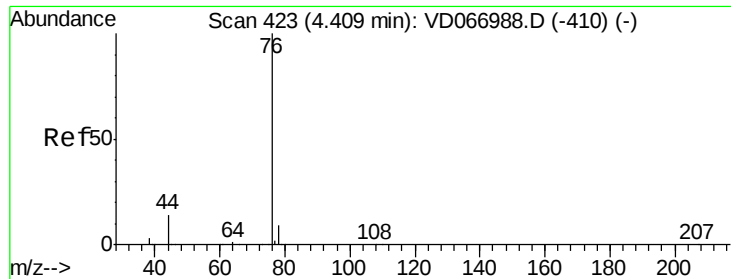
Delta R.T. -0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 34497 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 26.6  | 25.9  | 38.9  |





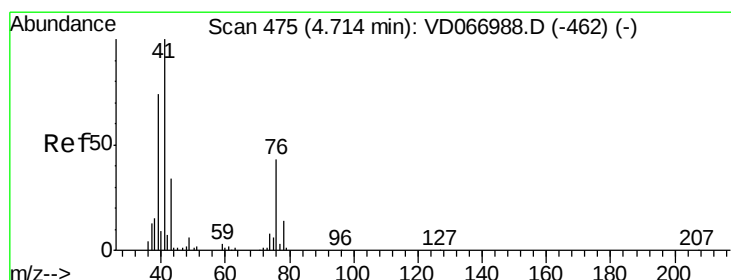
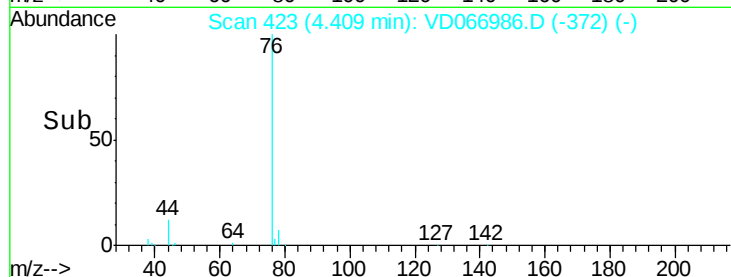
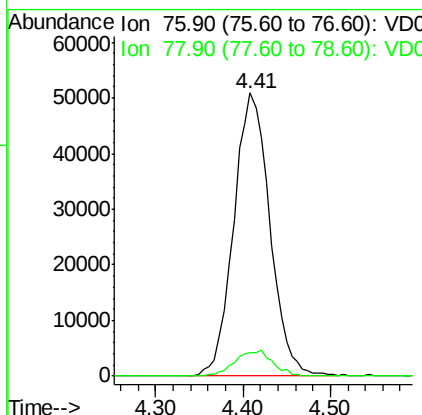
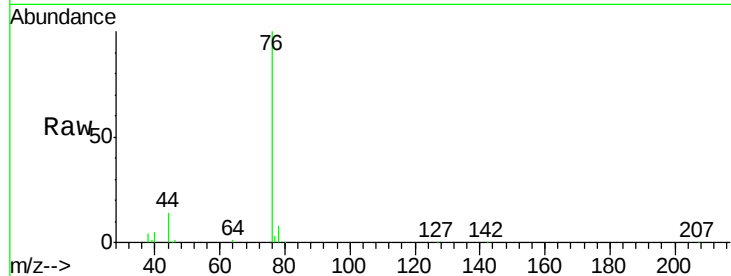
#17  
Carbon Disulfide  
Concen: 10.782 ug/l  
RT: 4.41 min Scan# 423  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.2   | 7.5   | 11.3  |

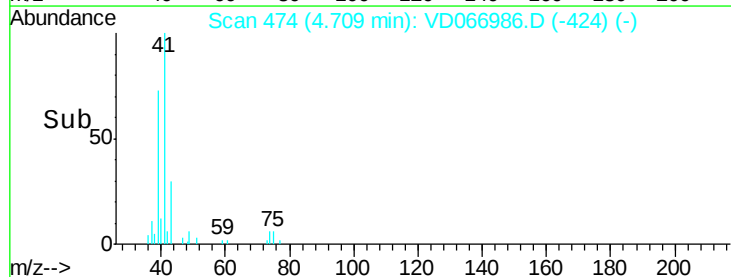
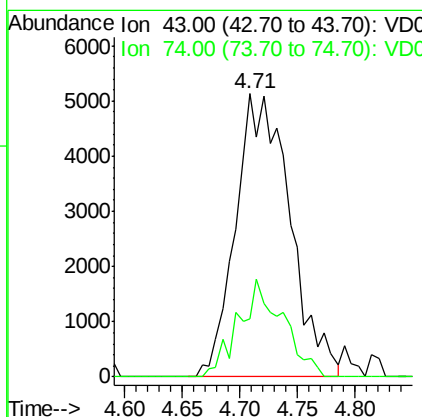
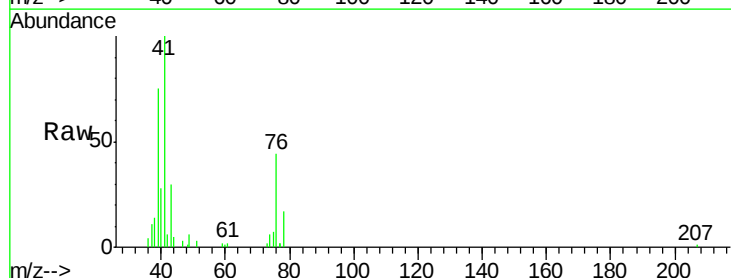
Manual Integrations  
APPROVED

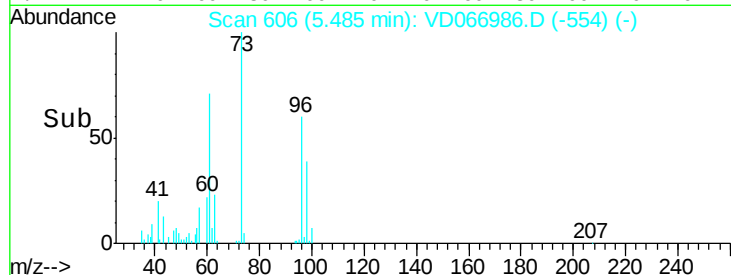
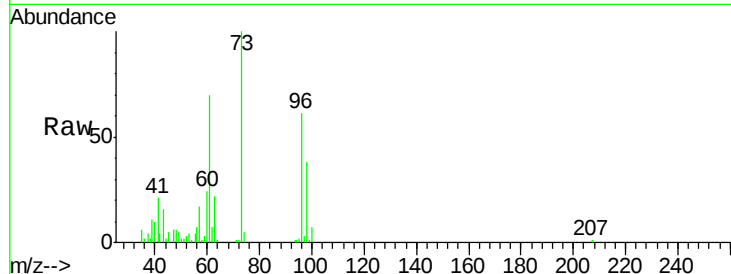
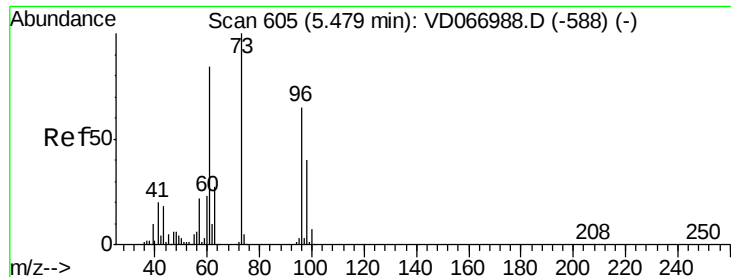
MMDadoda  
10/2/2020 3:13:16 PM



#18  
Methyl Acetate  
Concen: 9.943 ug/l  
RT: 4.71 min Scan# 474  
Delta R.T. -0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 27.9  | 21.5  | 32.3  |





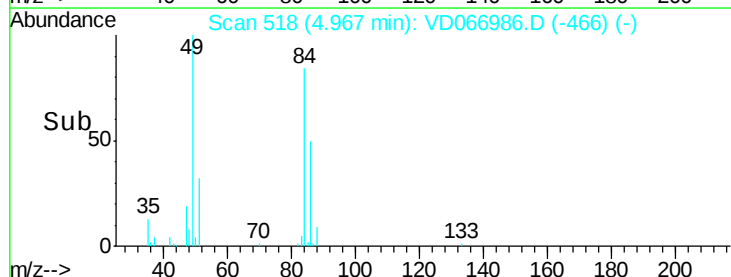
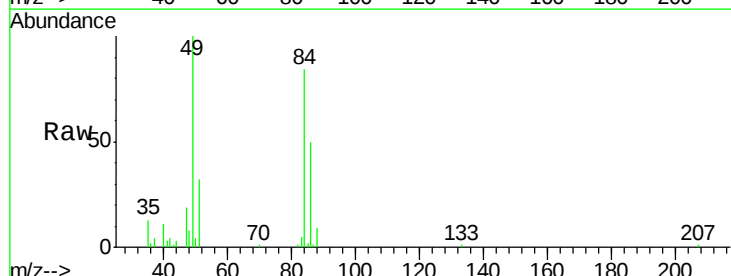
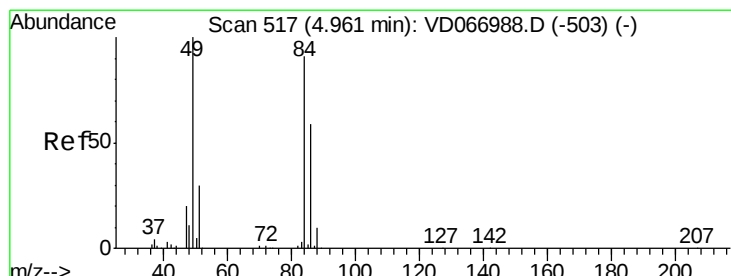
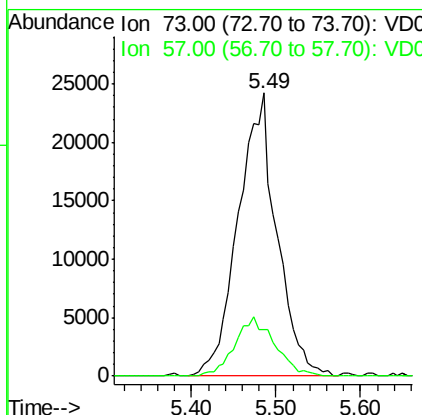
#19  
Methyl tert-butyl Ether  
Concen: 9.795 ug/l  
RT: 5.49 min Scan# 606  
Delta R.T. 0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Tot Ion: 73 Resp: 77021  
Ion Ratio Lower Upper  
73 100  
57 16.5 17.4 26.0#

Instrument :  
MSVOA\_D  
ClientSampleID :  
VSTDIC010

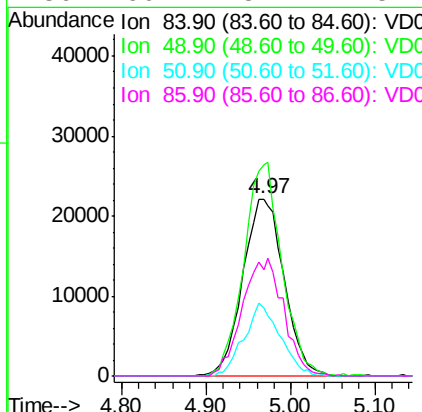
Manual Integrations  
APPROVED

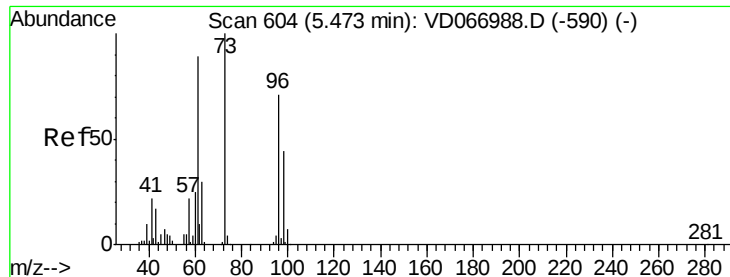
MMDadoda  
10/2/2020 3:13:16 PM



#20  
Methylene Chloride  
Concen: 12.232 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. 0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Tgt Ion: 84 Resp: 74916  
Ion Ratio Lower Upper  
84 100  
49 119.0 88.2 132.2  
51 38.1 26.6 39.8  
86 60.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 10.072 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

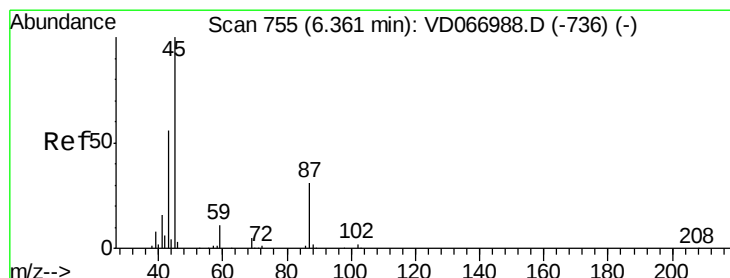
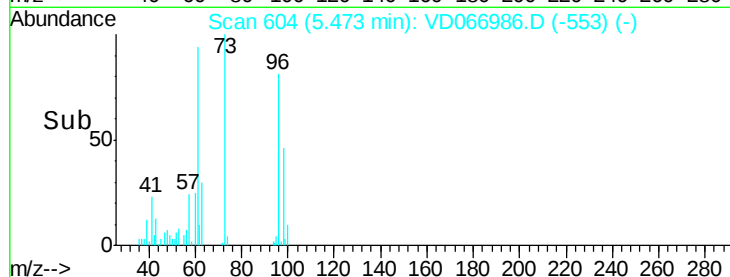
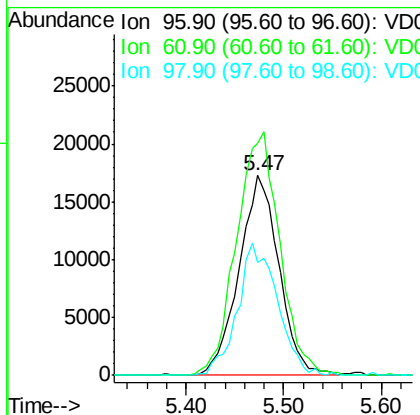
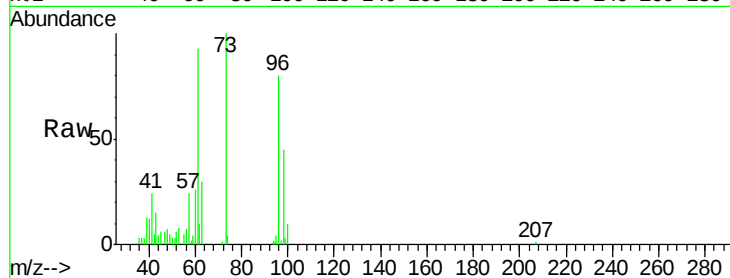
ClientSampleId :

VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 49376 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 116.0 | 99.6  | 149.4 |
| 98       | 56.8  | 49.4  | 74.2  |

Manual Integrations  
APPROVED

MMDadoda  
10/2/2020 3:13:16 PM



#22

Diisopropyl ether

Concen: 10.517 ug/l

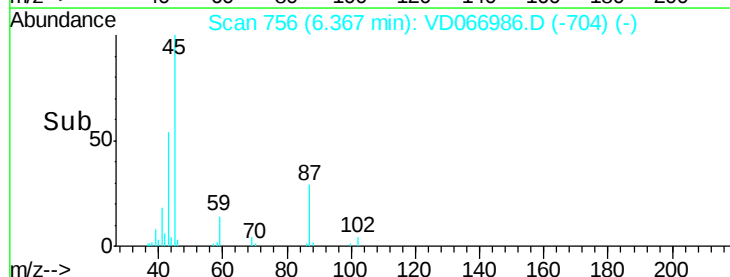
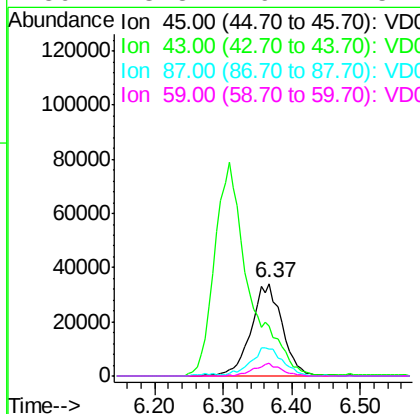
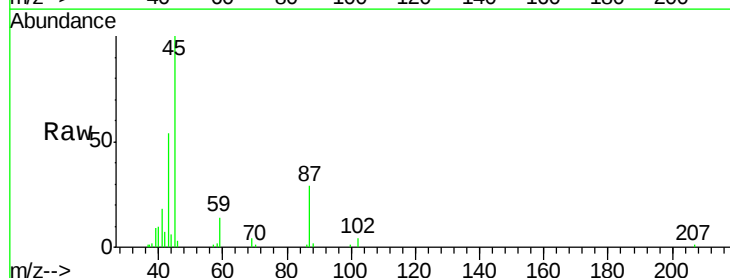
RT: 6.37 min Scan# 755

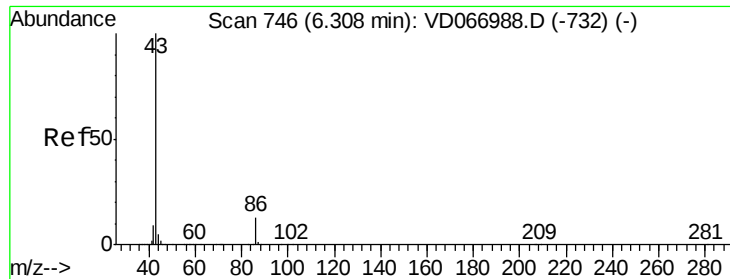
Delta R.T. 0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 107442 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 53.0  | 45.2  | 67.8   |
| 87       | 28.9  | 25.6  | 38.4   |
| 59       | 13.8  | 9.1   | 13.7#  |





#23

Vinyl Acetate

Concen: 47.464 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 274769

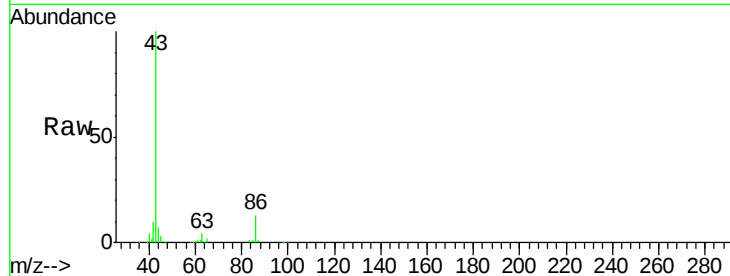
Ion Ratio Lower Upper

43 100

86 13.1 10.2 15.2

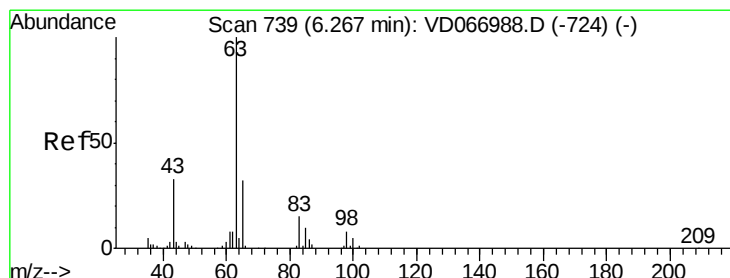
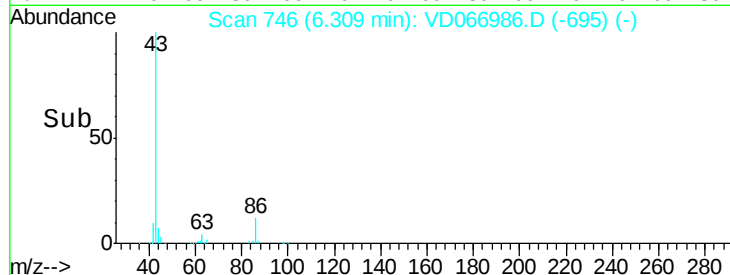
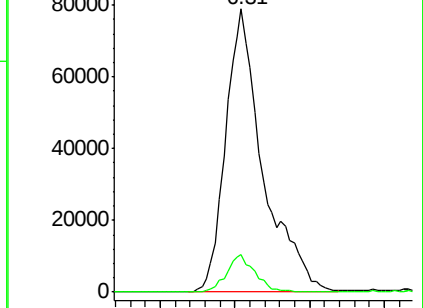
Manual Integrations  
APPROVED

MMDadoda  
10/2/2020 3:13:16 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 10.616 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

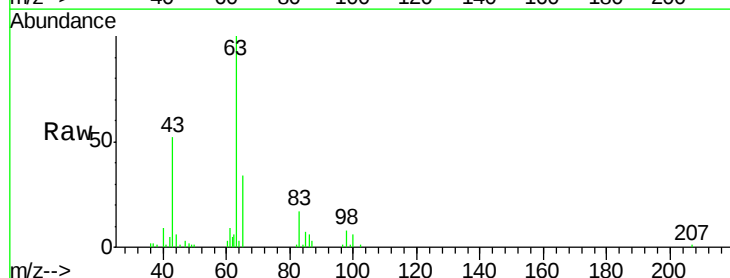
Tgt Ion: 63 Resp: 83699

Ion Ratio Lower Upper

63 100

98 7.7 4.2 12.6

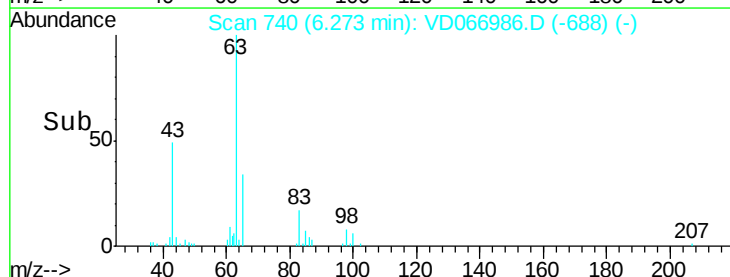
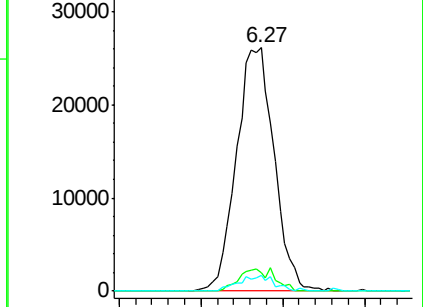
100 6.3 2.6 7.8

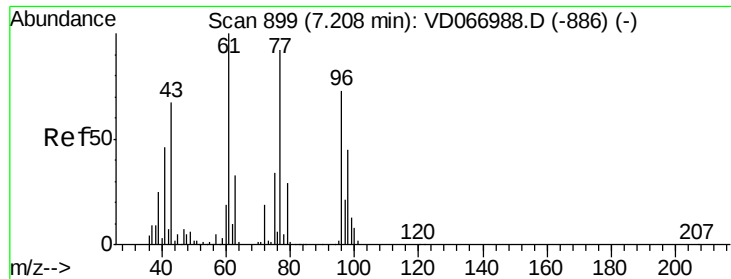


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





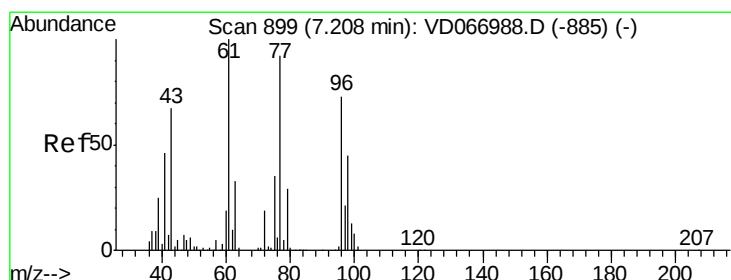
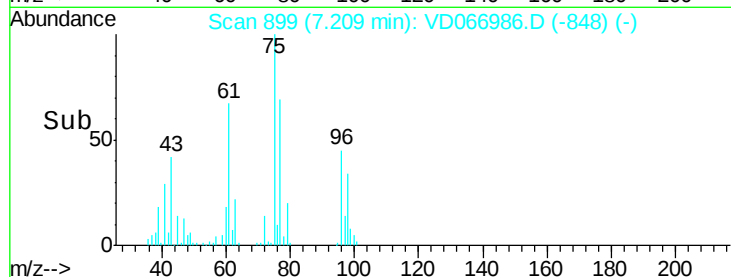
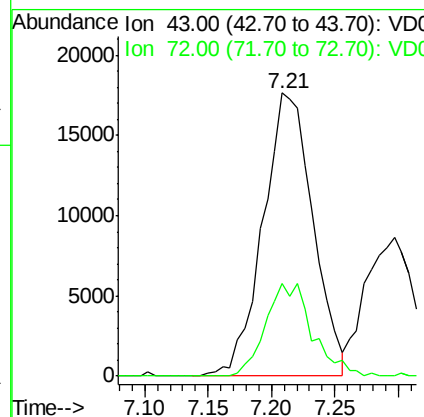
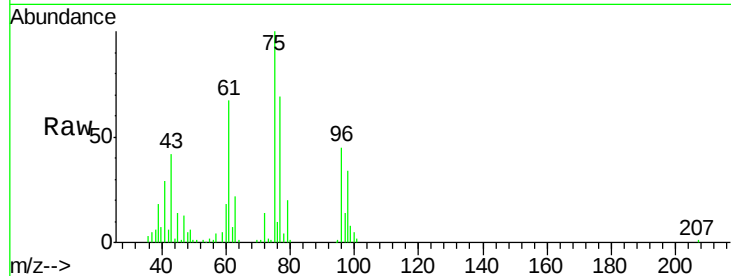
#25  
2-Butanone  
Concen: 50.719 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tot Ion: 43 Resp: 48312  
Ion Ratio Lower Upper  
43 100  
72 32.6 22.8 34.2

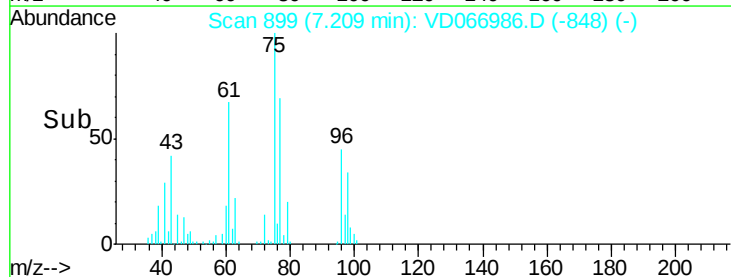
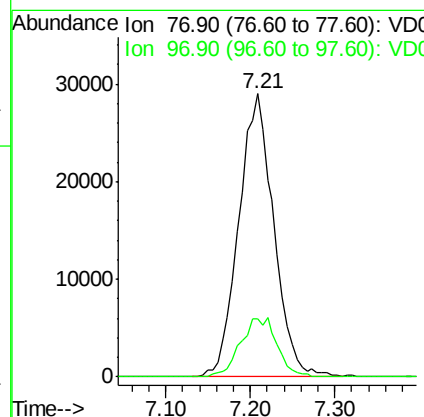
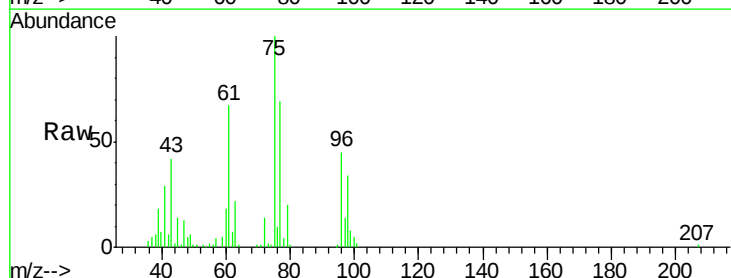
Manual Integrations  
APPROVED

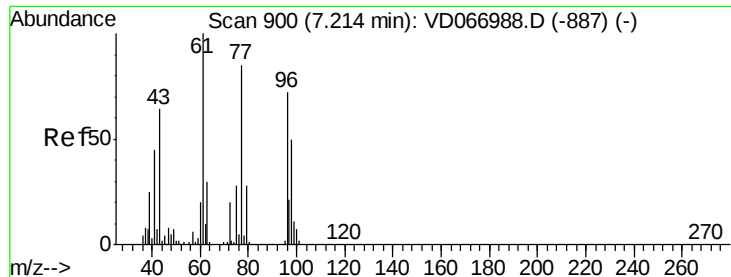
MMDadoda  
10/2/2020 3:13:16 PM



#26  
2,2-Dichloropropane  
Concen: 10.999 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Tgt Ion: 77 Resp: 83201  
Ion Ratio Lower Upper  
77 100  
97 21.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 10.715 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

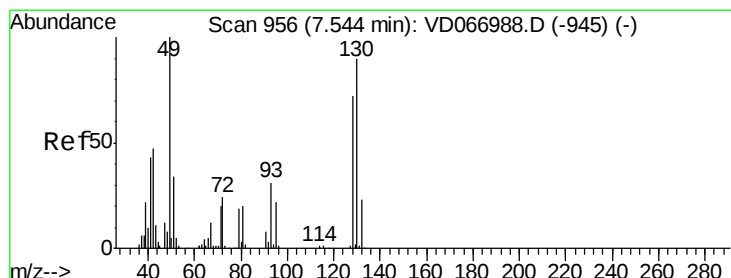
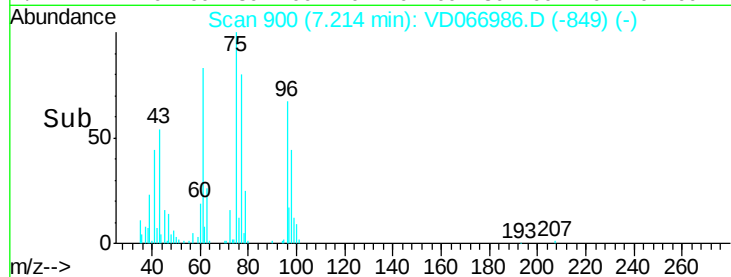
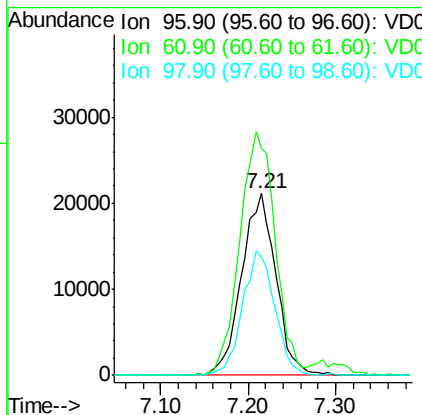
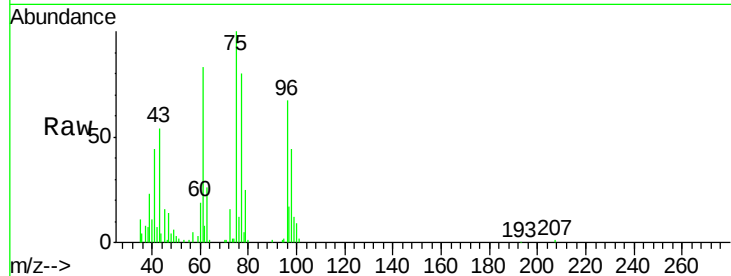
ClientSampleId :

VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 56099 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 138.8 | 0.0   | 269.2 |
| 98       | 64.3  | 0.0   | 129.4 |

Manual Integrations  
APPROVED

MMDadoda  
10/2/2020 3:13:16 PM



#28

Bromochloromethane

Concen: 9.818 ug/l

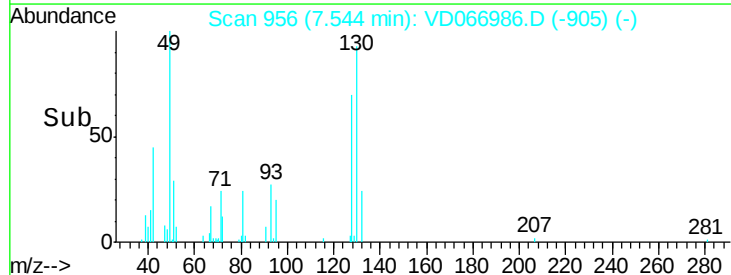
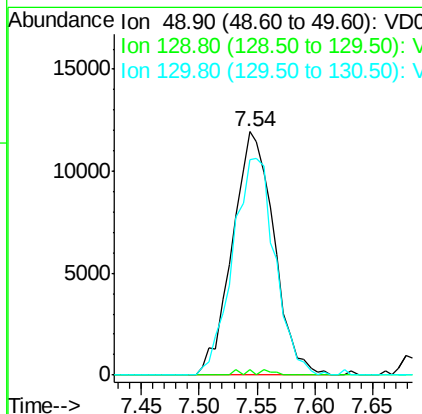
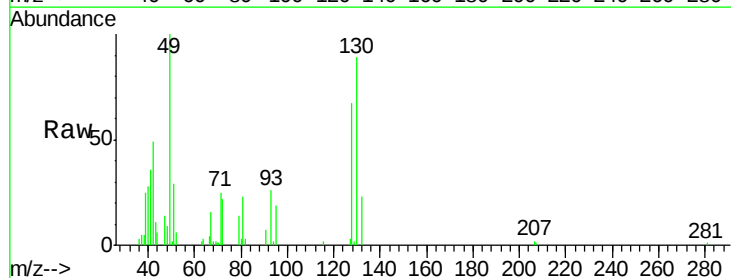
RT: 7.54 min Scan# 956

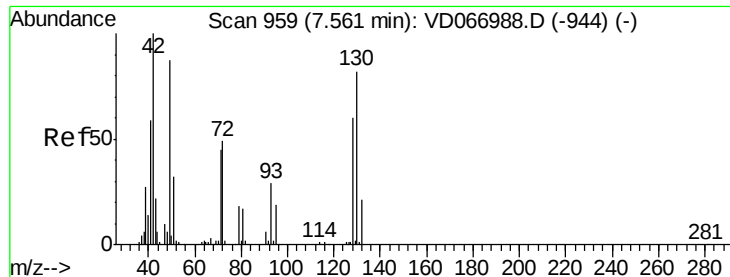
Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 29893 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.3   | 0.0   | 4.6   |
| 130      | 90.6  | 74.1  | 111.1 |





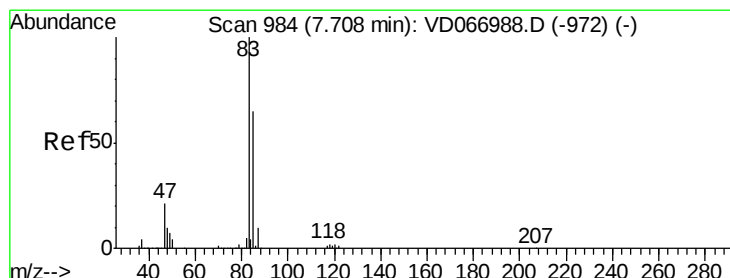
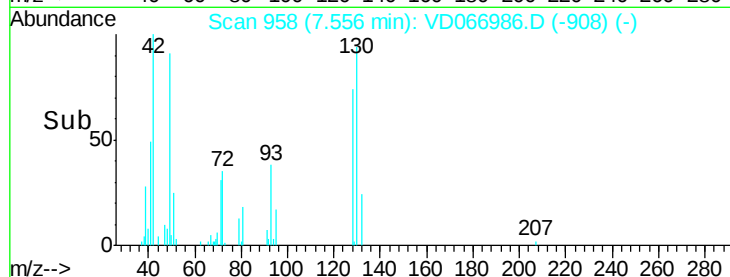
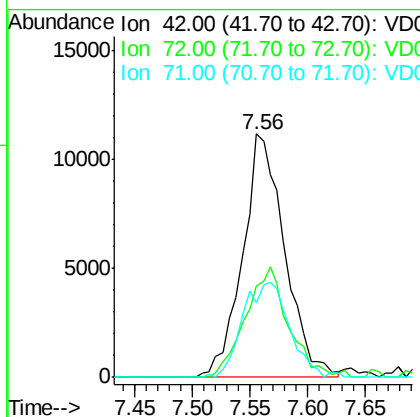
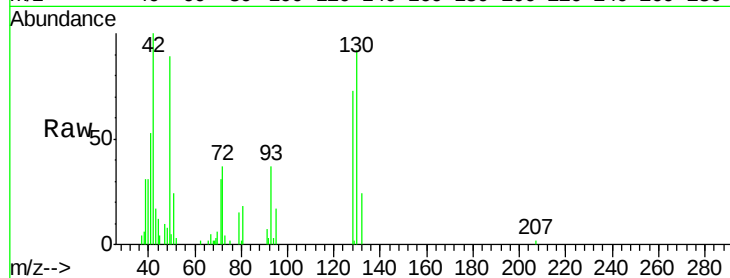
#29  
Tetrahydrofuran  
Concen: 51.654 ug/l  
RT: 7.56 min Scan# 958  
Delta R.T. -0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 42    | Resp: | 28291 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 46.4  | 39.1  | 58.7  |
| 71        | 43.0  | 34.2  | 51.4  |

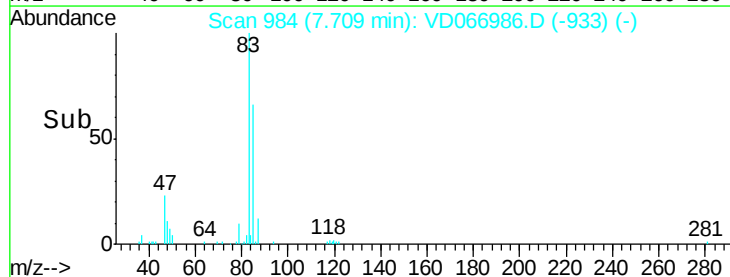
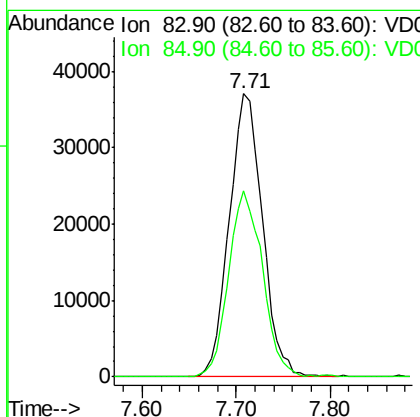
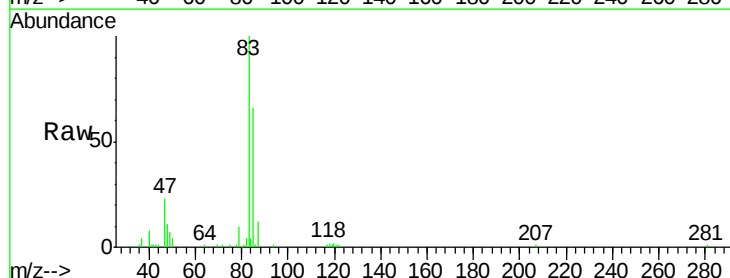
Manual Integrations  
APPROVED

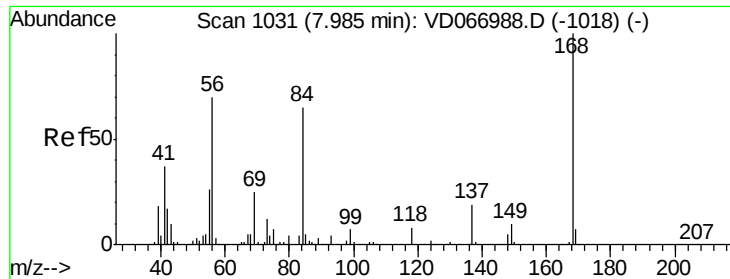
MMDadoda  
10/2/2020 3:13:16 PM



#30  
Chloroform  
Concen: 10.642 ug/l  
RT: 7.71 min Scan# 984  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 91020 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 65.9  | 52.3  | 78.5  |





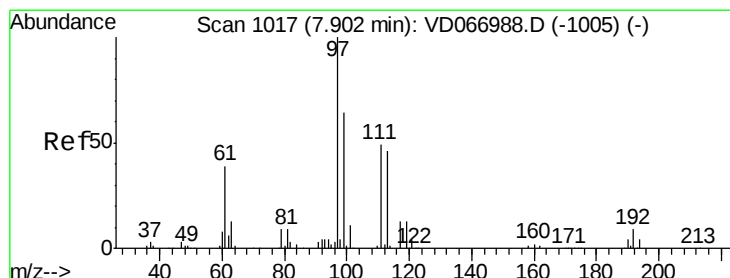
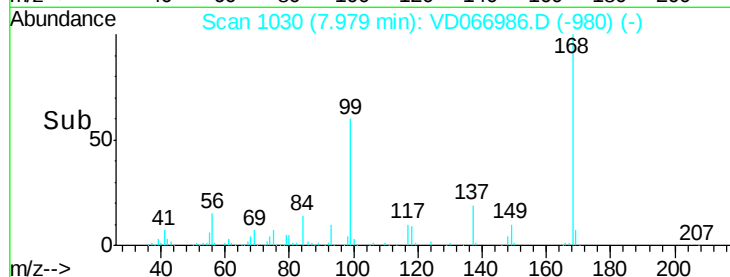
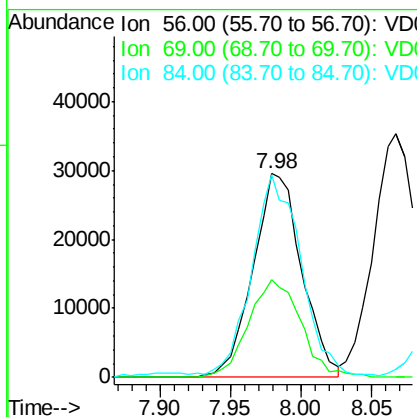
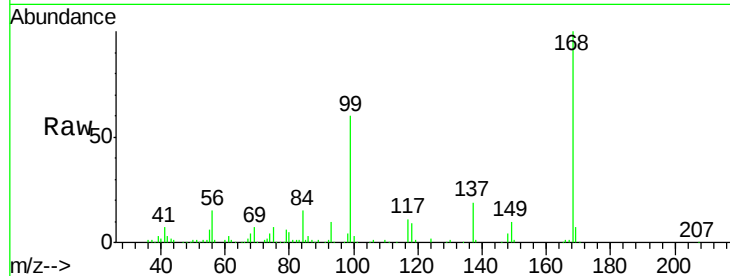
#31  
Cyclohexane  
Concen: 10.819 ug/l  
RT: 7.98 min Scan# 1030  
Delta R.T. -0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 69      | 48.0 | 29.0  | 43.6# |       |
| 84      | 98.4 | 74.2  | 111.2 |       |

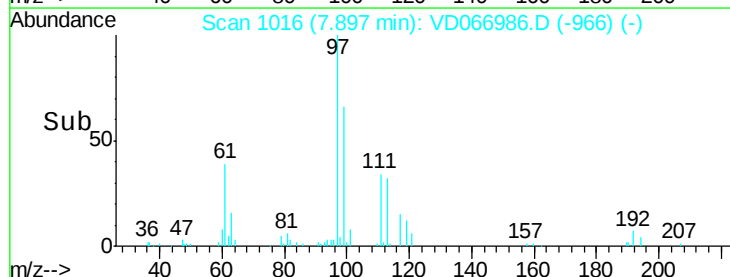
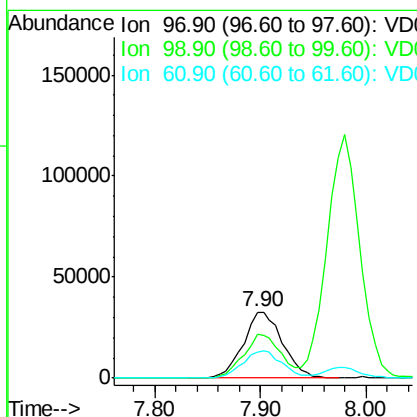
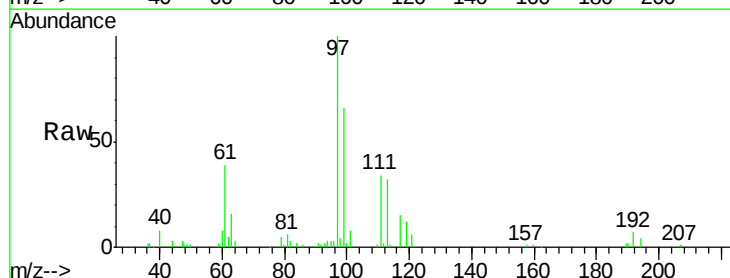
Manual Integrations  
APPROVED

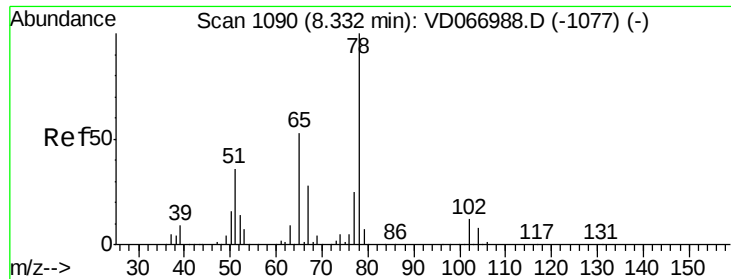
MMDadoda  
10/2/2020 3:13:16 PM



#32  
1,1,1-Trichloroethane  
Concen: 10.611 ug/l  
RT: 7.90 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 99      | 64.5 | 52.6  | 78.8  |       |
| 61      | 41.3 | 32.8  | 49.2  |       |





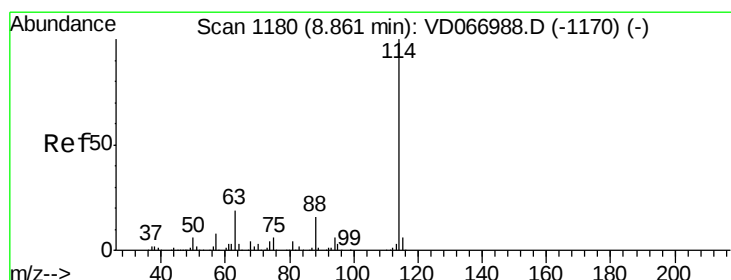
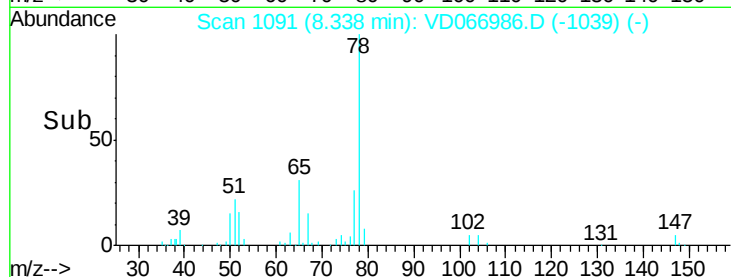
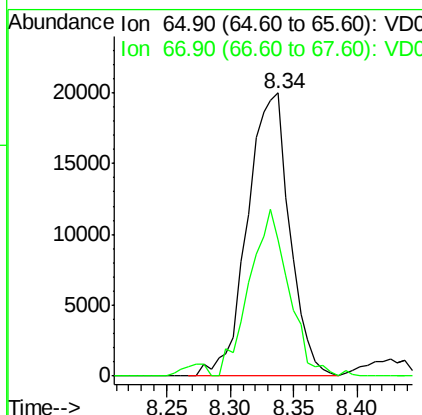
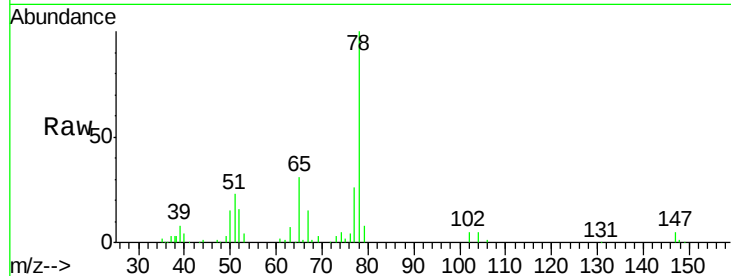
#33  
 1,2-Dichloroethane-d4  
 Concen: 10.477 ug/l  
 RT: 8.34 min Scan# 1091  
 Delta R.T. 0.01 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 46110 |       |       |
| 67      | 55.1  | 0.0   | 106.8 |       |

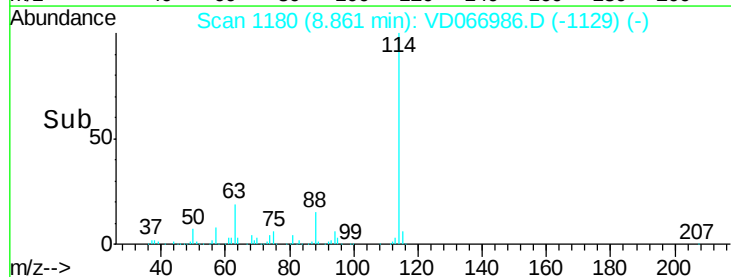
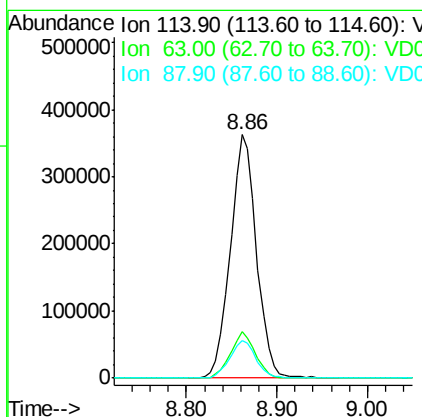
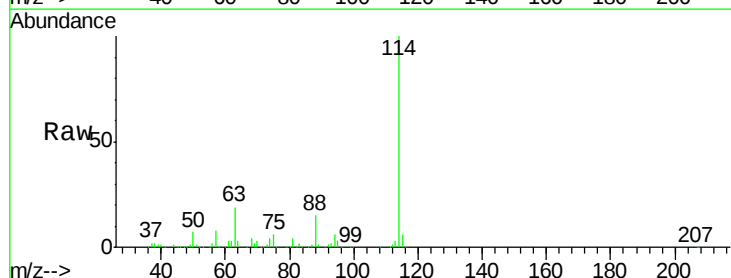
Manual Integrations  
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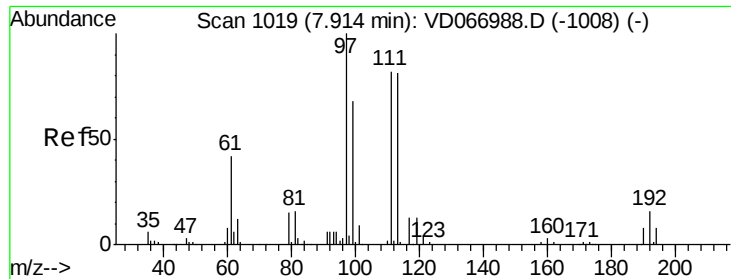
MMDadoda  
 10/2/2020 3:13:16 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.86 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 725302 |       |       |
| 63      | 19.3  | 0.0    | 38.4  |       |
| 88      | 15.3  | 0.0    | 31.2  |       |





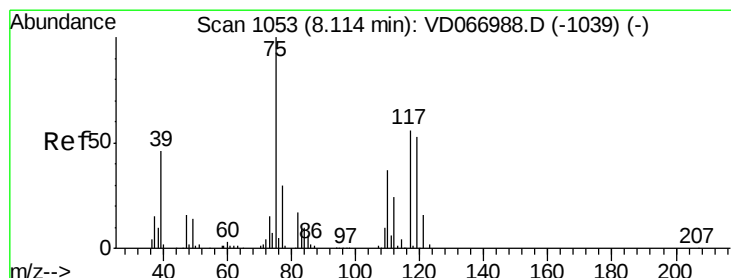
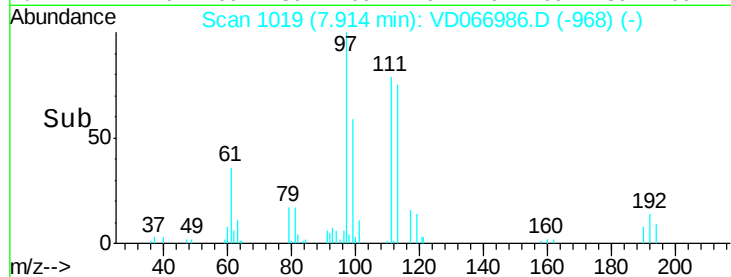
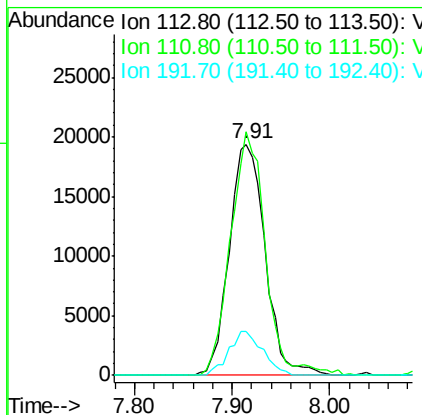
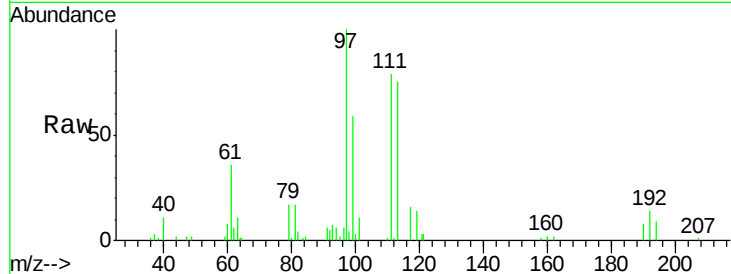
#35  
 Dibromofluoromethane  
 Concen: 10.427 ug/l  
 RT: 7.91 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 49514 |       |       |
| 111     | 102.2 | 83.0  | 124.4 |       |
| 192     | 17.8  | 15.5  | 23.3  |       |

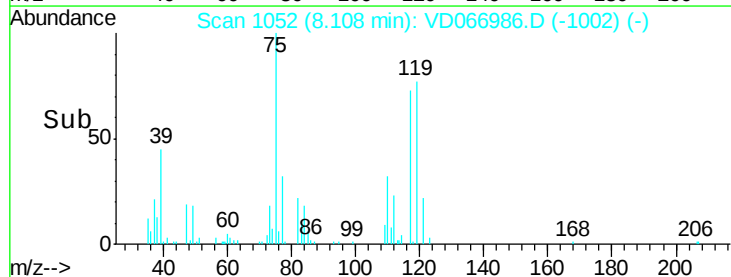
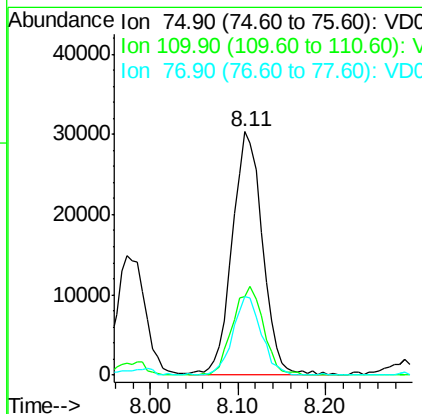
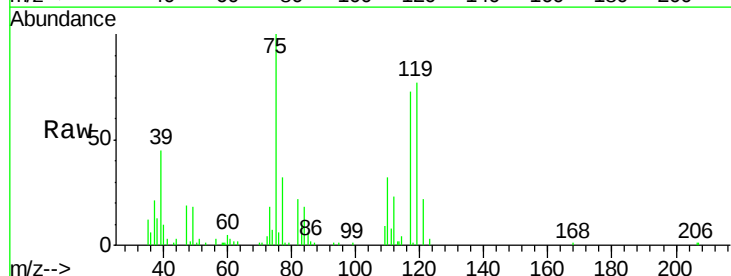
Manual Integrations  
 APPROVED

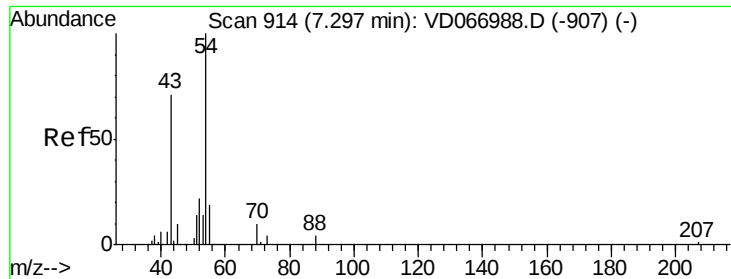
MMDadoda  
 10/2/2020 3:13:16 PM



#36  
 1,1-Dichloropropene  
 Concen: 10.566 ug/l  
 RT: 8.11 min Scan# 1052  
 Delta R.T. -0.01 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 71434 |       |       |
| 110     | 36.8  | 18.4  | 55.0  |       |
| 77      | 30.2  | 24.8  | 37.2  |       |





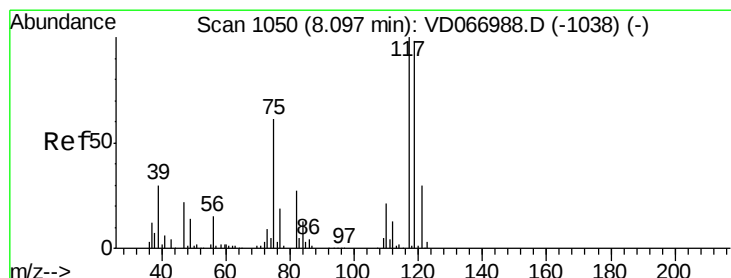
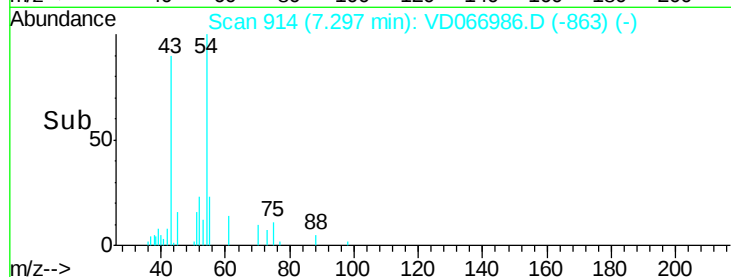
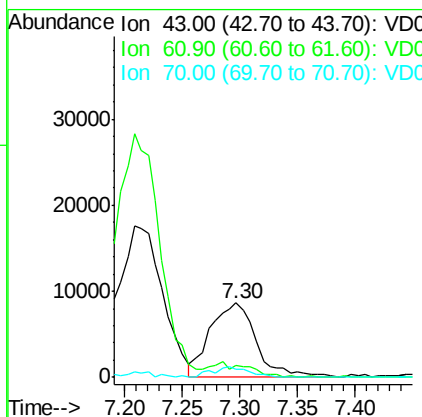
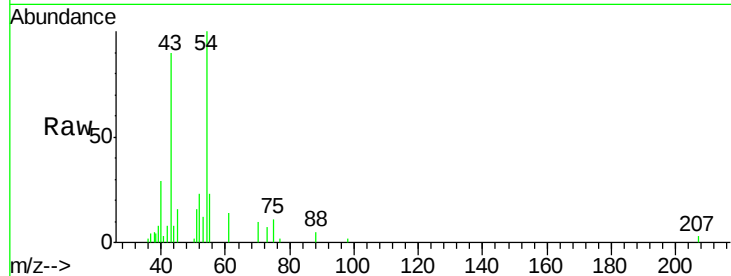
#37  
Ethyl Acetate  
Concen: 10.307 ug/l  
RT: 7.30 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.3  | 12.5  | 18.7  |
| 70      | 10.9  | 9.4   | 14.0  |

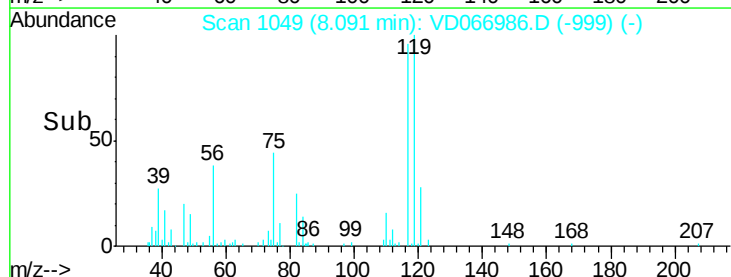
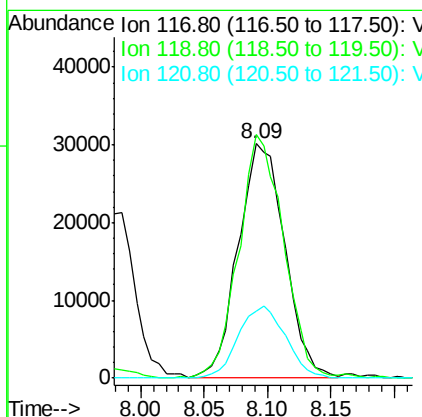
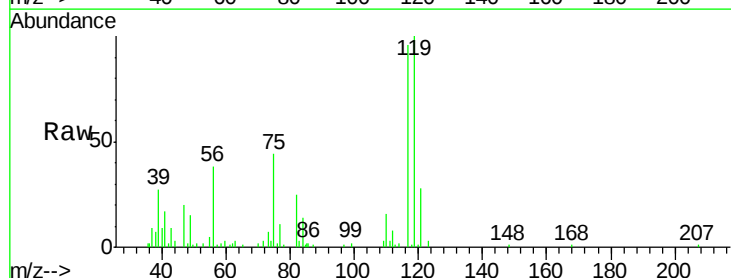
Manual Integrations  
APPROVED

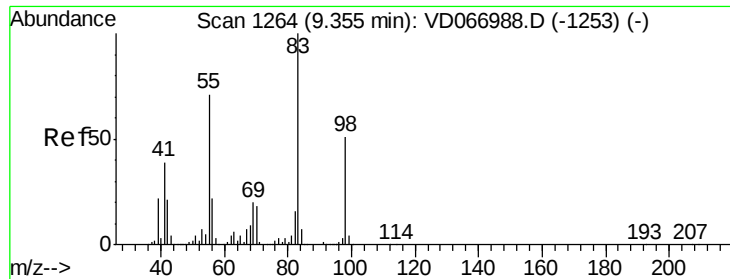
MMDadoda  
10/2/2020 3:13:16 PM



#38  
Carbon Tetrachloride  
Concen: 10.541 ug/l  
RT: 8.09 min Scan# 1049  
Delta R.T. -0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 103.8 | 78.7  | 118.1 |
| 121     | 28.7  | 24.2  | 36.2  |





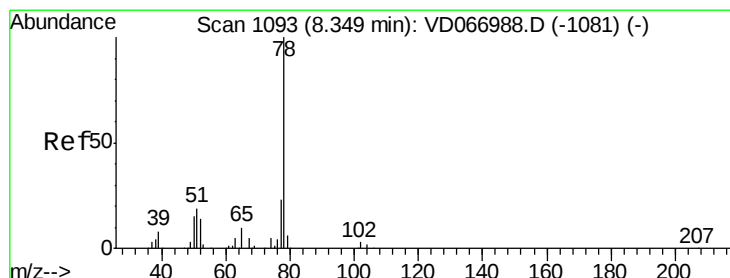
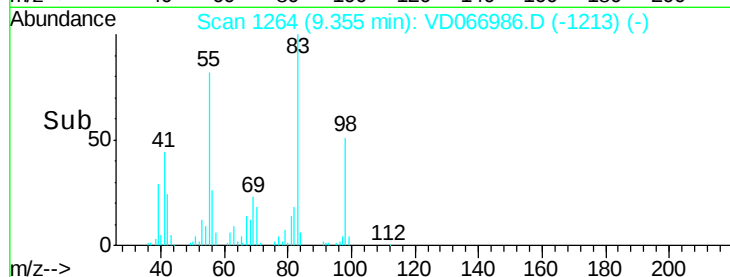
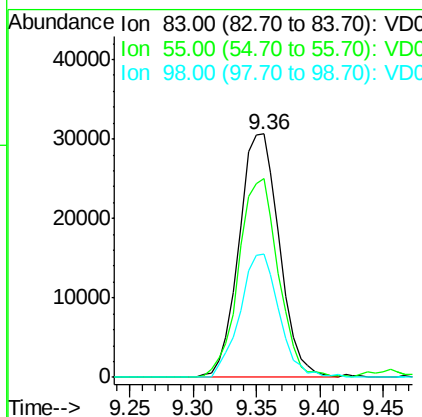
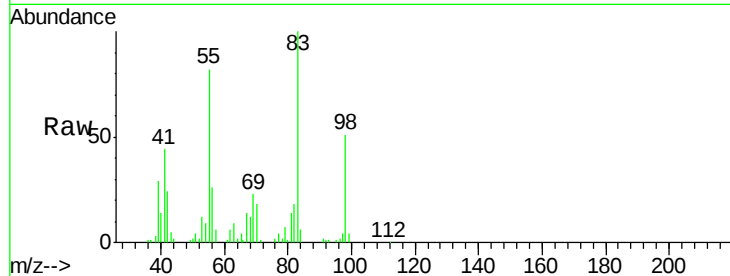
#39  
Methvlcvclohexane  
Concen: 9.476 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 81.8  | 57.1  | 85.7  |
| 98      | 50.8  | 40.9  | 61.3  |

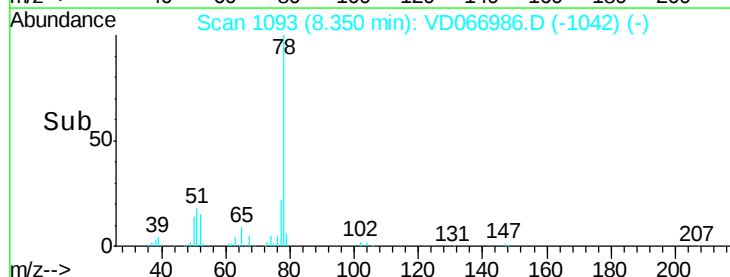
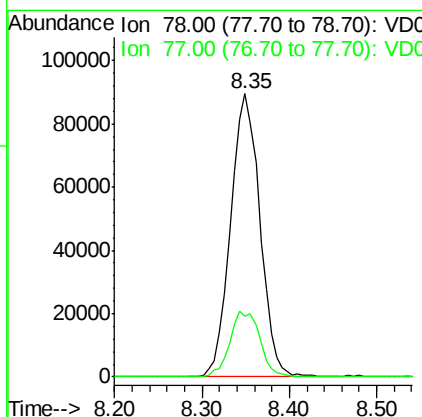
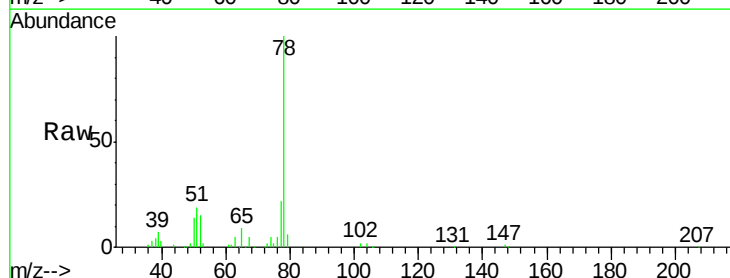
Manual Integrations  
APPROVED

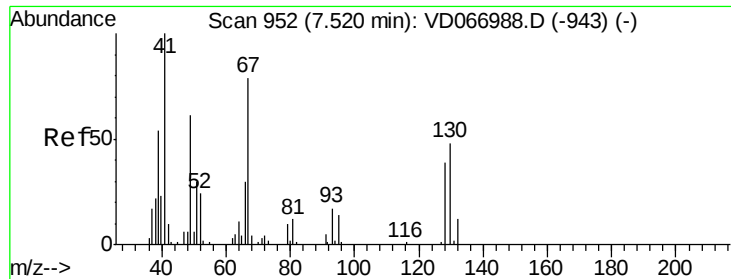
MMDadoda  
10/2/2020 3:13:16 PM



#40  
Benzene  
Concen: 10.848 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 21.3  | 18.4  | 27.6  |





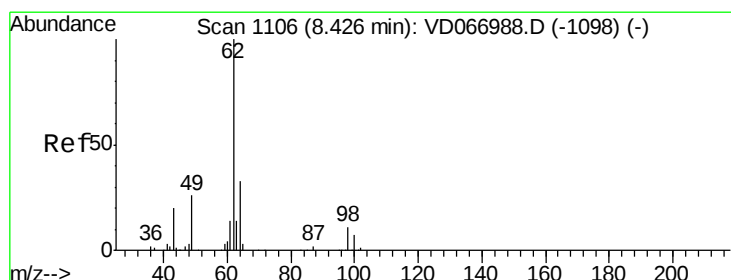
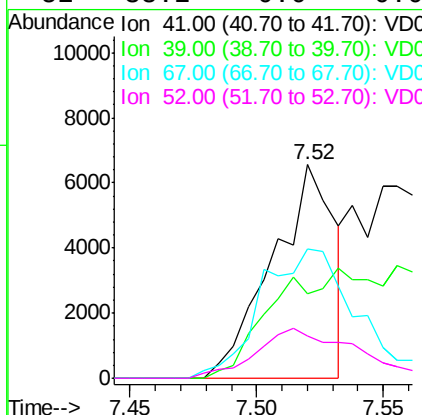
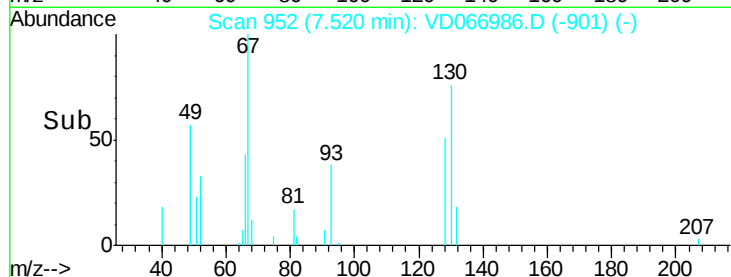
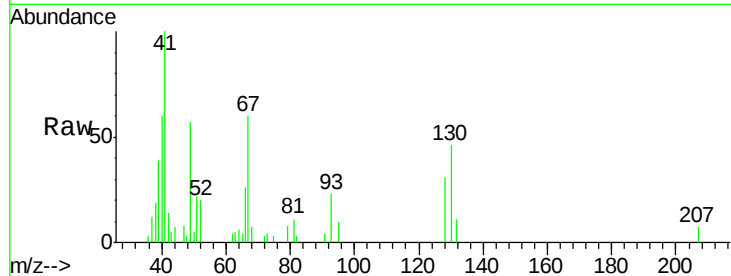
#41  
Methacrylonitrile  
Concen: 8.869 ug/l  
RT: 7.52 min Scan# 952  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 11222 |       |       |
| 39      | 85.4 | 0.0   | 0.0#  |       |       |
| 67      | 92.5 | 0.0   | 0.0#  |       |       |
| 52      | 38.2 | 0.0   | 0.0#  |       |       |

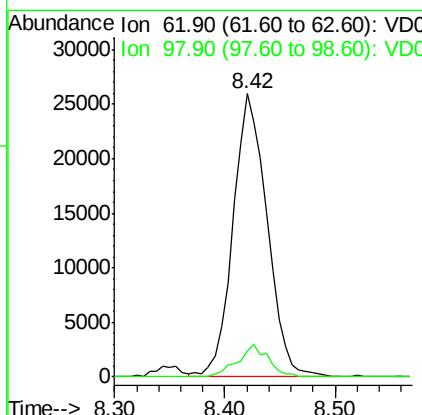
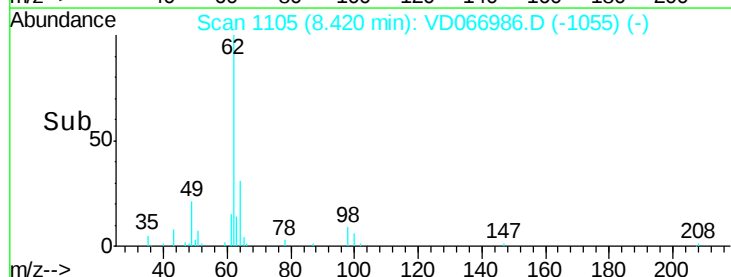
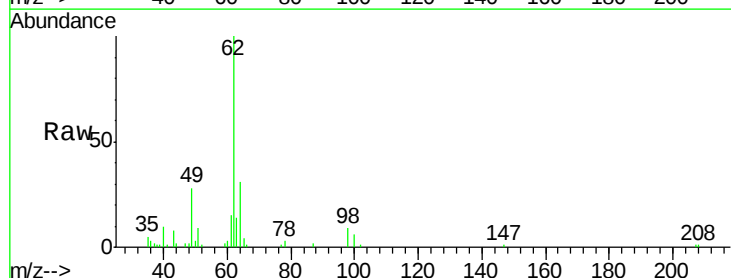
Manual Integrations  
APPROVED

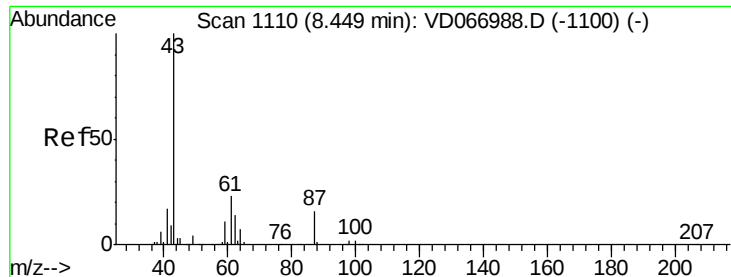
MMDadoda  
10/2/2020 3:13:16 PM



#42  
1,2-Dichloroethane  
Concen: 10.766 ug/l  
RT: 8.42 min Scan# 1105  
Delta R.T. -0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 62      | 100  |       | 56489 |       |       |
| 98      | 10.2 | 0.0   | 22.6  |       |       |





#43

Isopropyl Acetate

Concen: 10.166 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

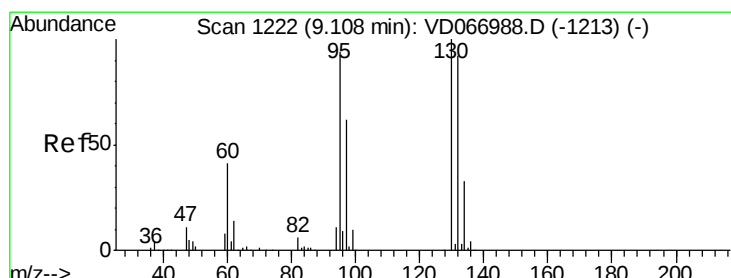
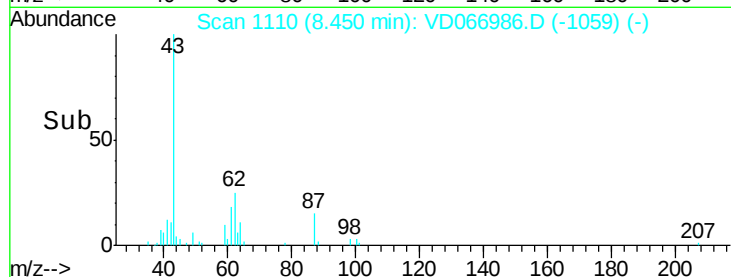
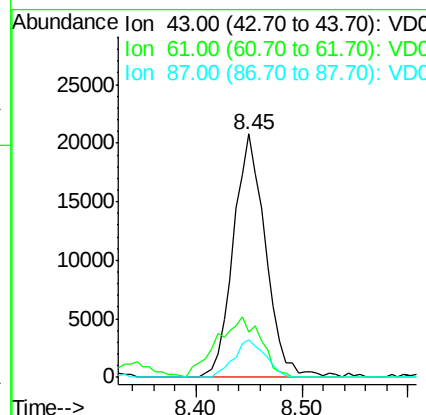
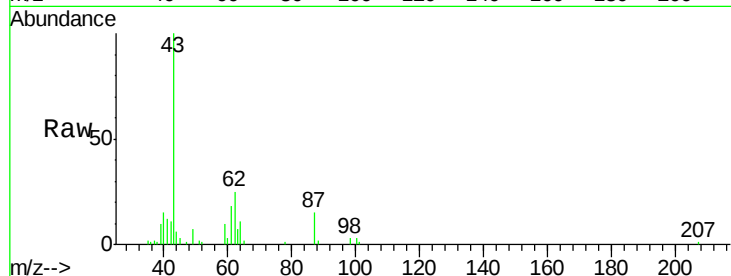
ClientSampleId :

VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 43860 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 34.1  | 27.1  | 40.7  |
| 87       | 14.9  | 12.3  | 18.5  |

Manual Integrations  
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10/2/2020 3:13:16 PM



#44

Trichloroethene

Concen: 10.246 ug/l

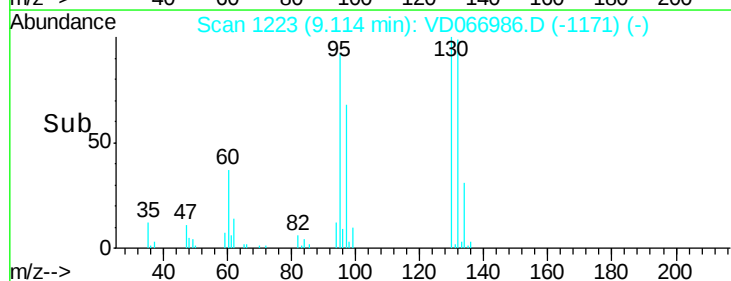
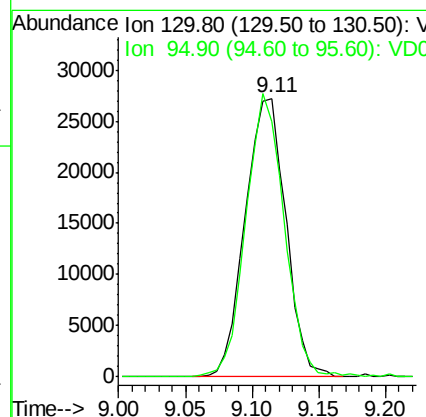
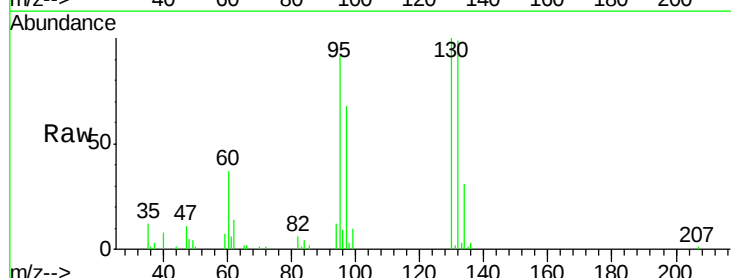
RT: 9.11 min Scan# 1223

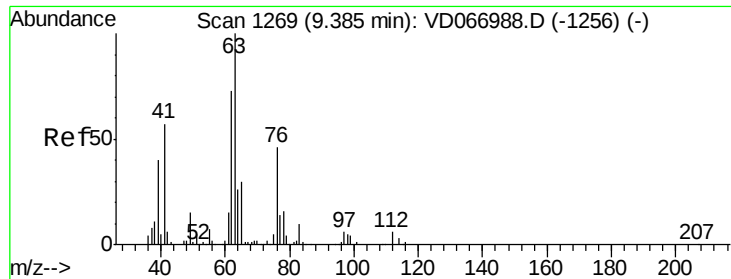
Delta R.T. 0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 57451 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 91.9  | 0.0   | 187.8 |





#45

1,2-Dichloropropane

Concen: 10.441 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 46067

Ion Ratio Lower Upper

63 100

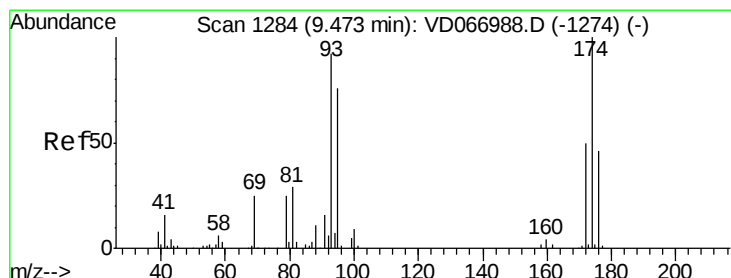
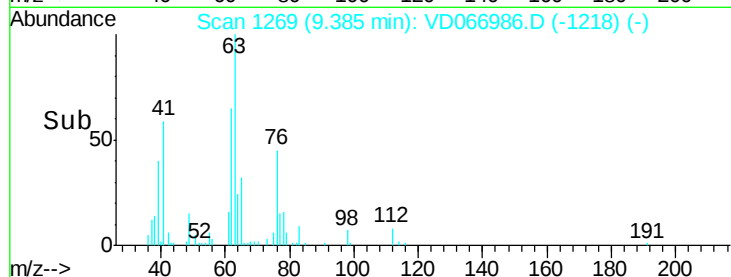
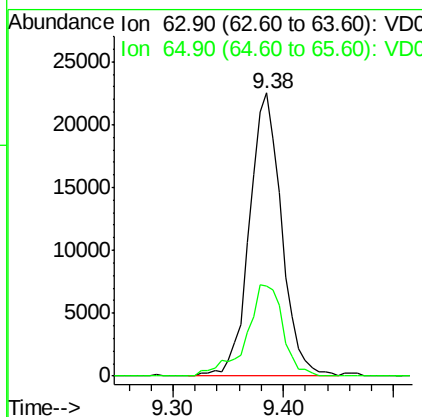
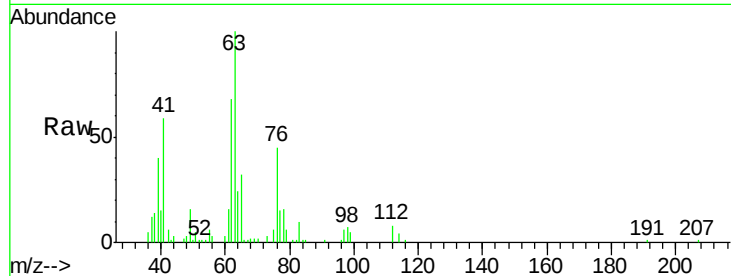
65 31.7 23.7 35.5

Manual Integrations

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#46

Dibromomethane

Concen: 10.204 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

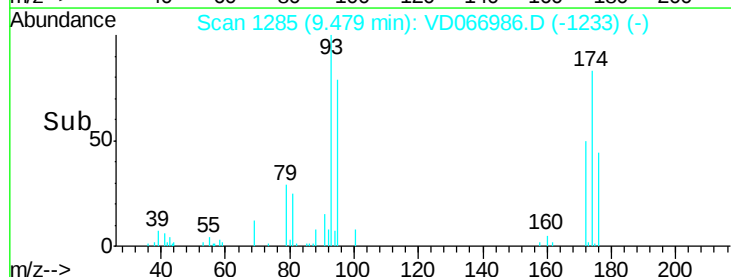
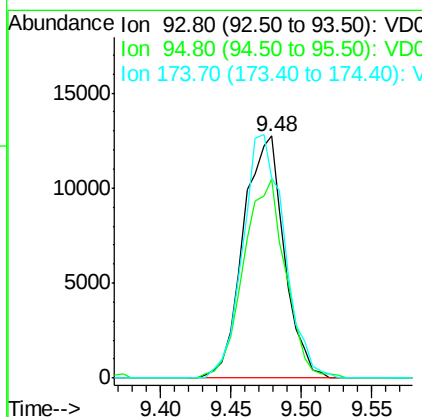
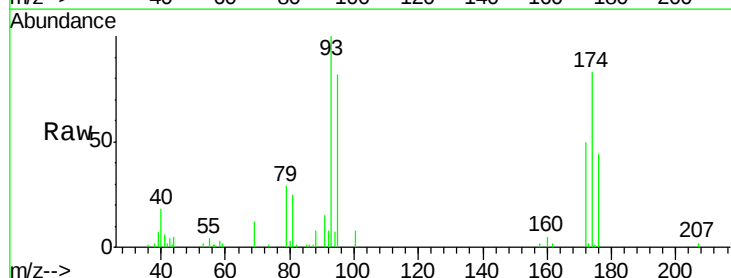
Tgt Ion: 93 Resp: 25877

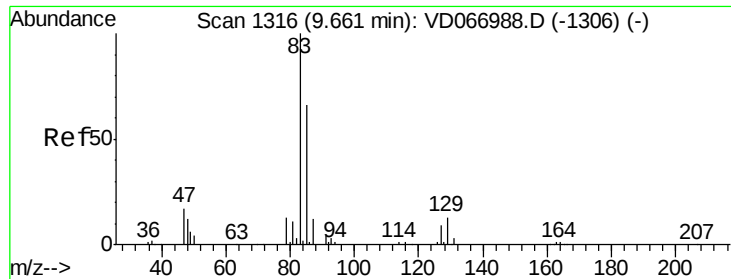
Ion Ratio Lower Upper

93 100

95 84.3 64.7 97.1

174 102.1 81.4 122.2





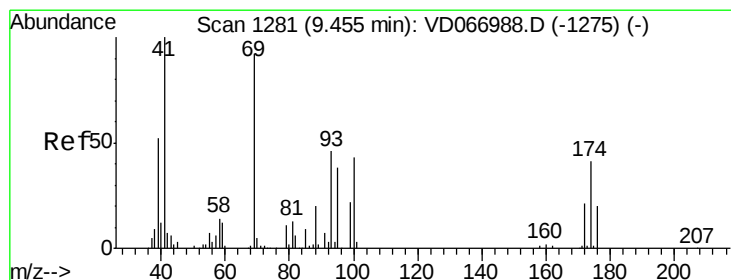
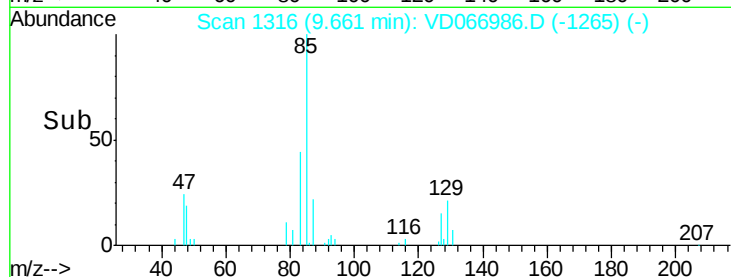
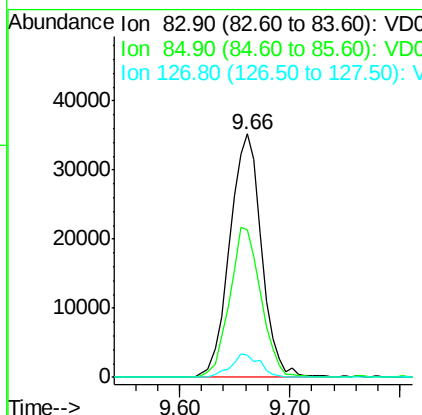
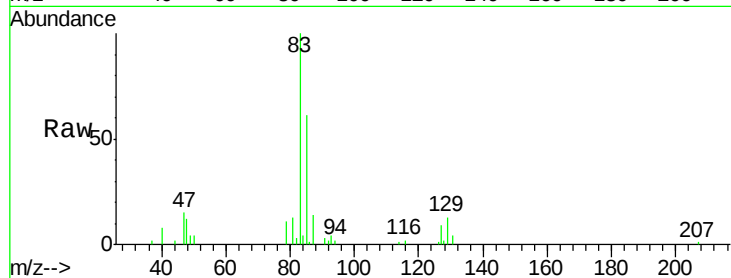
#47  
Bromodichloromethane  
Concen: 10.798 ug/l  
RT: 9.66 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 60.8  | 52.9  | 79.3  |
| 127     | 9.0   | 7.3   | 10.9  |

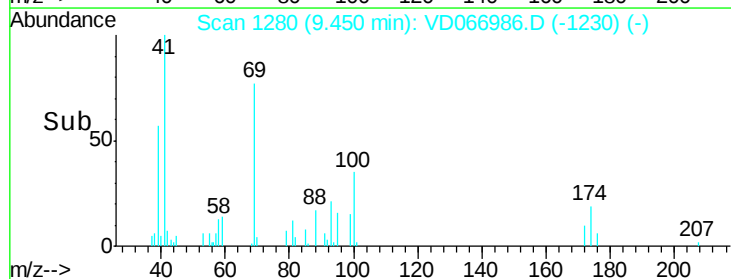
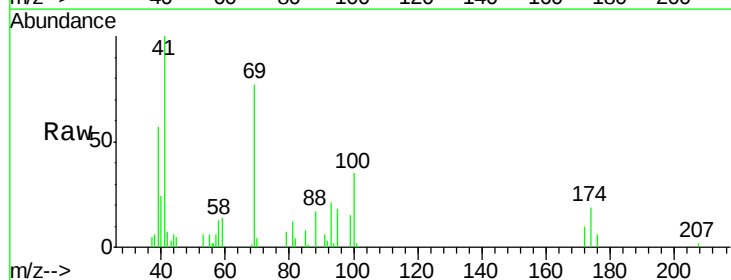
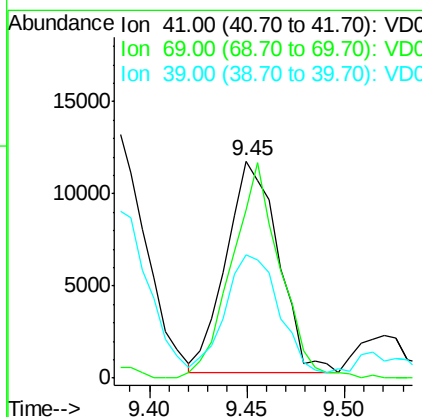
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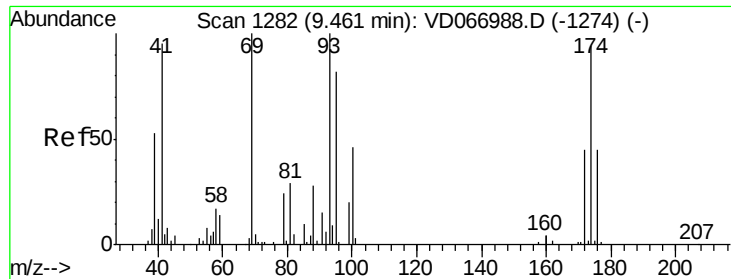
MMDadoda  
10/2/2020 3:13:16 PM



#48  
Methyl methacrylate  
Concen: 9.647 ug/l  
RT: 9.45 min Scan# 1280  
Delta R.T. -0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 94.3  | 68.5  | 102.7 |
| 39      | 57.1  | 40.2  | 60.2  |





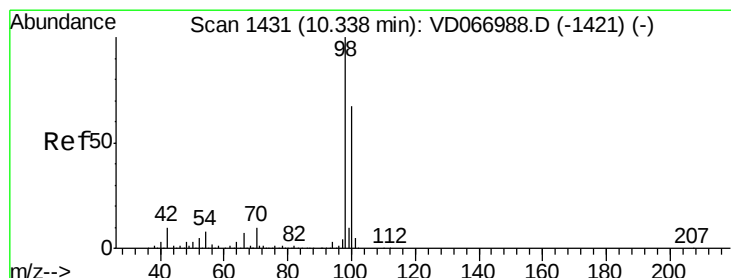
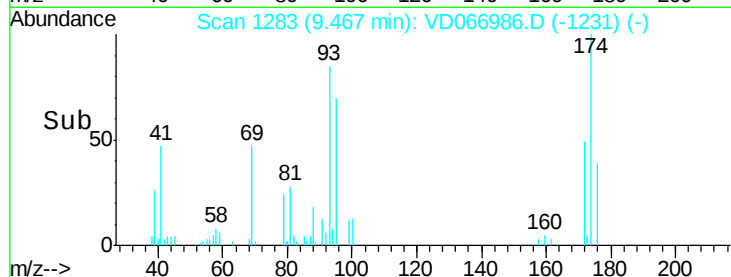
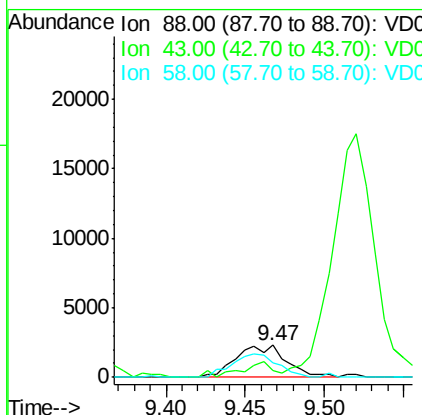
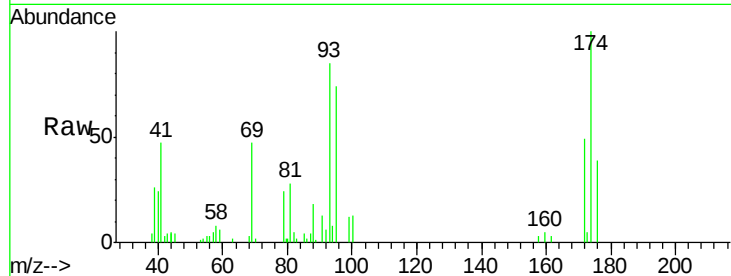
#49  
1,4-Dioxane  
Concen: 193.264 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. 0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 31.4  | 25.6  | 38.4  |
| 58      | 66.5  | 53.5  | 80.3  |

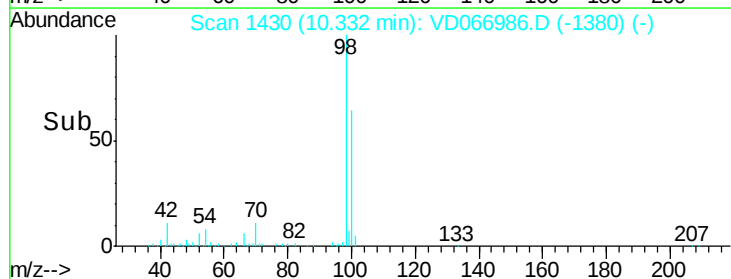
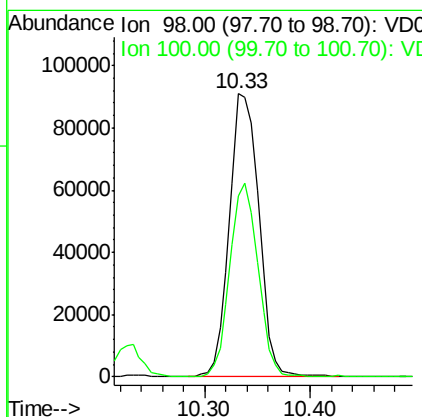
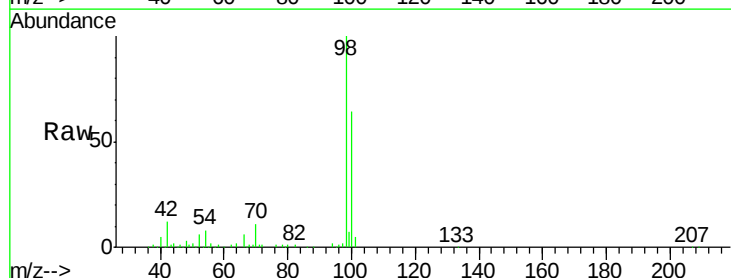
Manual Integrations  
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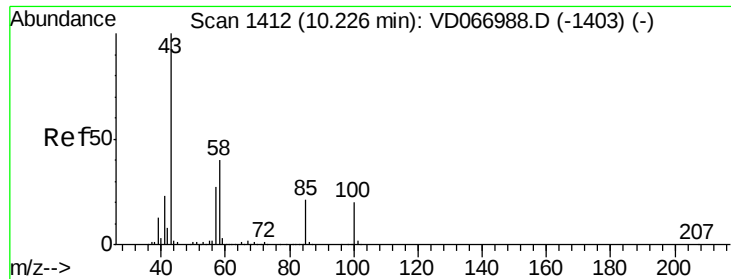
MMDadoda  
10/2/2020 3:13:16 PM



#50  
Toluene-d8  
Concen: 10.172 ug/l  
RT: 10.33 min Scan# 1430  
Delta R.T. -0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.4  | 52.8  | 79.2  |





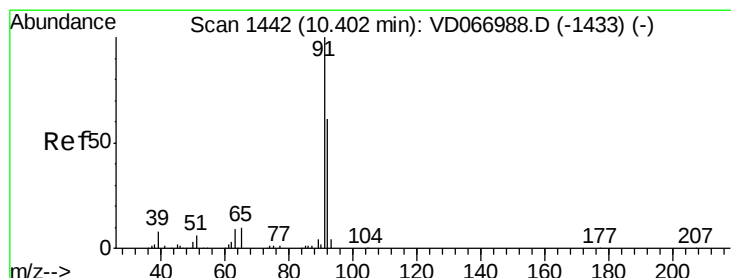
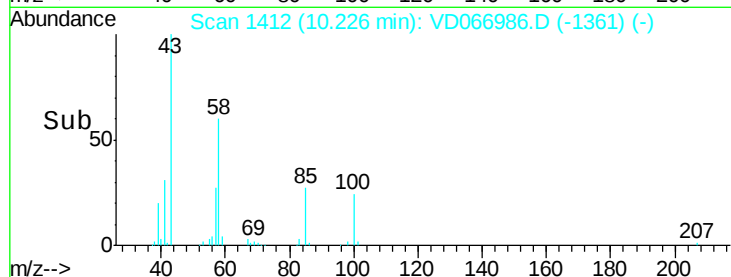
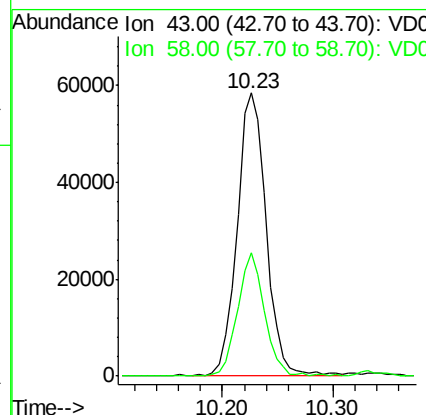
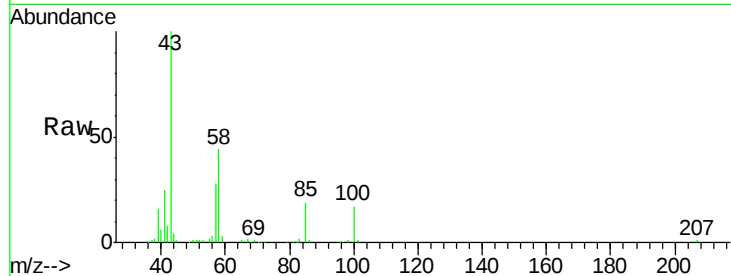
#51  
4-Methyl-2-Pentanone  
Concen: 50.368 ug/l  
RT: 10.23 min Scan# 1412  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion   | 43 | Resp | 108245 |
|-----------|----|------|--------|
| Ion Ratio | 43 | 100  |        |
| Lower     | 58 | 40.1 | 33.8   |
| Upper     |    |      | 50.8   |

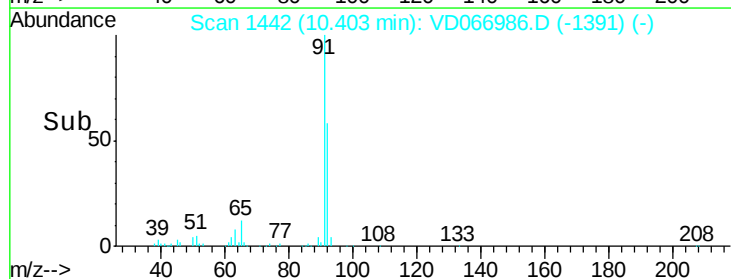
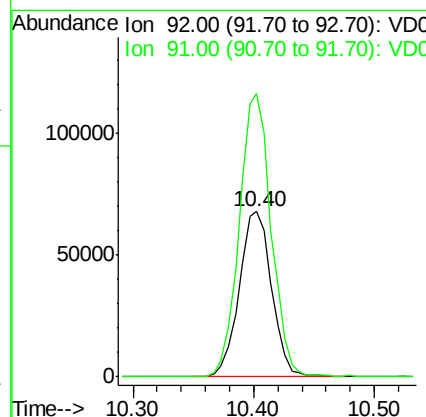
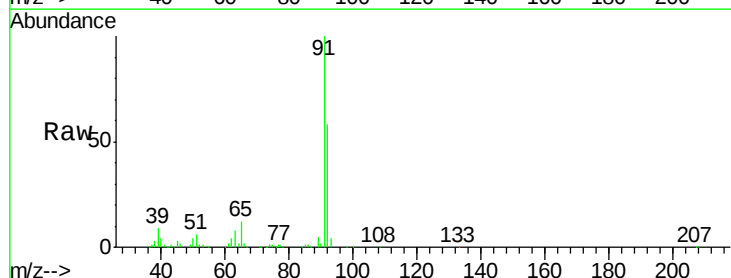
Manual Integrations  
APPROVED

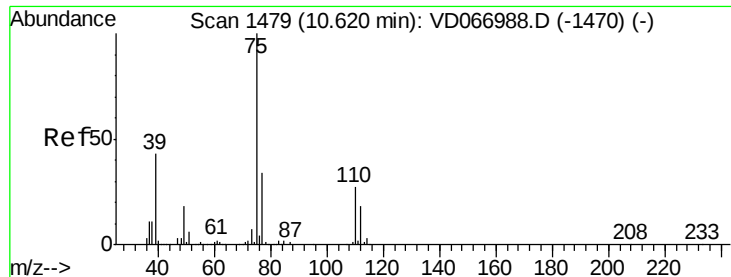
MMDadoda  
10/2/2020 3:13:16 PM



#52  
Toluene  
Concen: 10.493 ug/l  
RT: 10.40 min Scan# 1442  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion   | 92 | Resp  | 126921 |
|-----------|----|-------|--------|
| Ion Ratio | 92 | 100   |        |
| Lower     | 91 | 168.3 | 135.1  |
| Upper     |    |       | 202.7  |





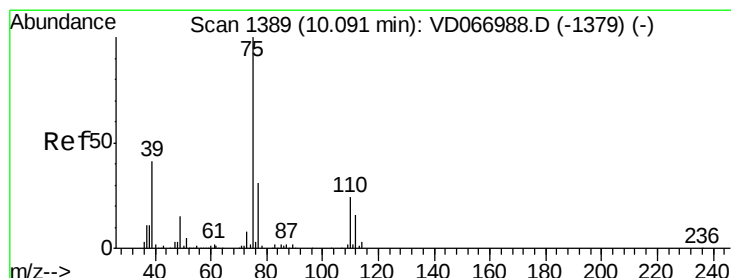
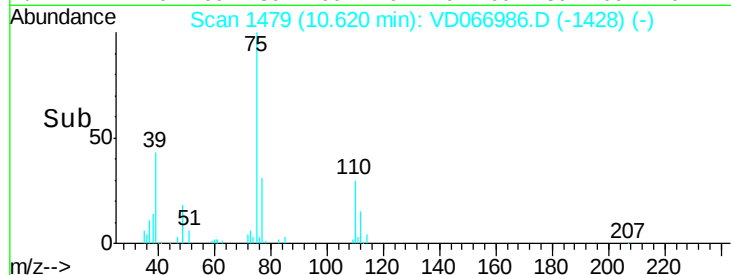
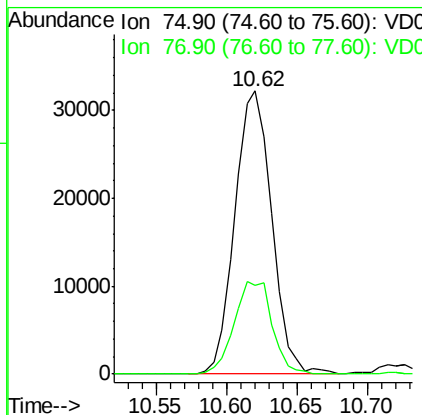
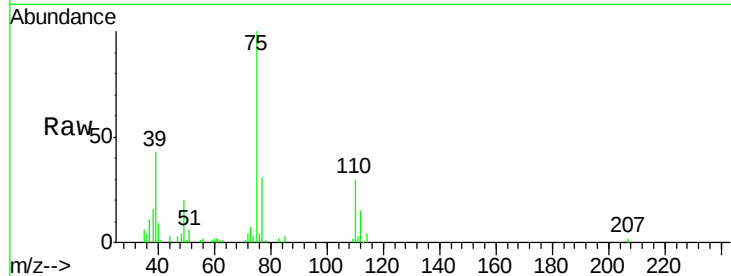
#53  
 t-1,3-Dichloropropene  
 Concen: 10.001 ug/l  
 RT: 10.62 min Scan# 1479  
 Delta R.T. 0.00 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Tot Ion: 75 Resp: 58920  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 27.1 40.7

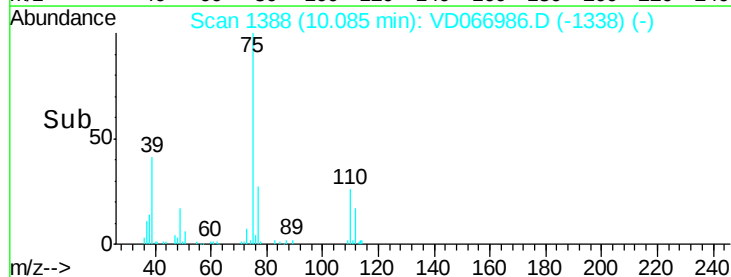
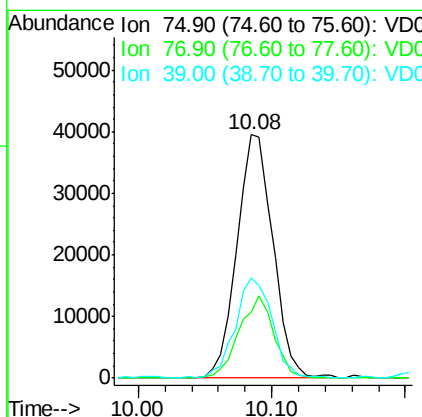
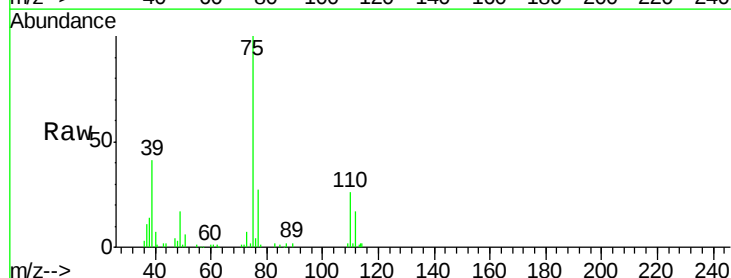
Manual Integrations  
 APPROVED

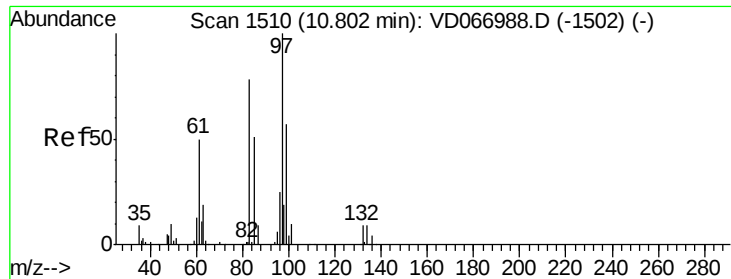
MMDadoda  
 10/2/2020 3:13:16 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 10.259 ug/l  
 RT: 10.08 min Scan# 1388  
 Delta R.T. -0.01 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

Tgt Ion: 75 Resp: 73802  
 Ion Ratio Lower Upper  
 75 100  
 77 27.2 24.6 37.0  
 39 41.4 33.0 49.4





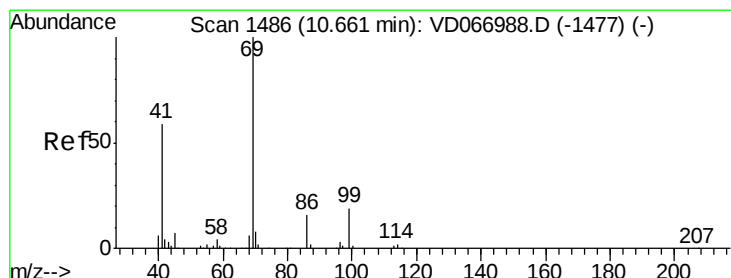
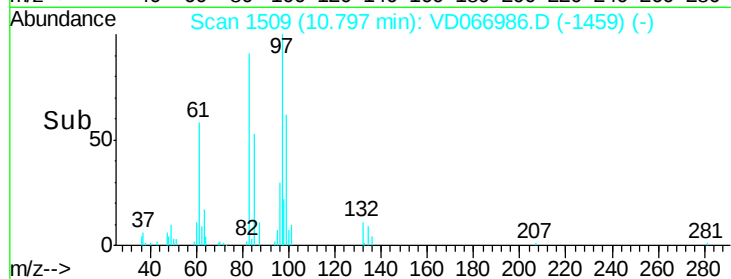
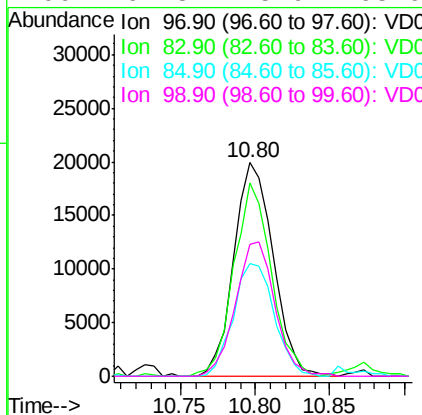
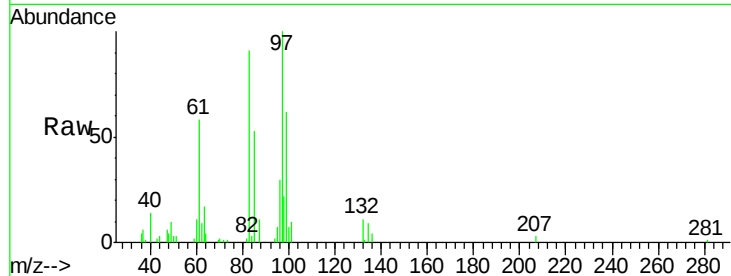
#55  
 1,1,2-Trichloroethane  
 Concen: 10.400 ug/l  
 RT: 10.80 min Scan# 1509  
 Delta R.T. -0.01 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 36665 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.6  | 62.4  | 93.6  |
| 85       | 52.8  | 41.0  | 61.4  |
| 99       | 61.8  | 45.9  | 68.9  |

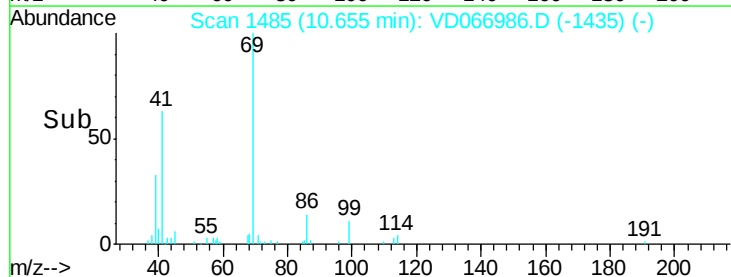
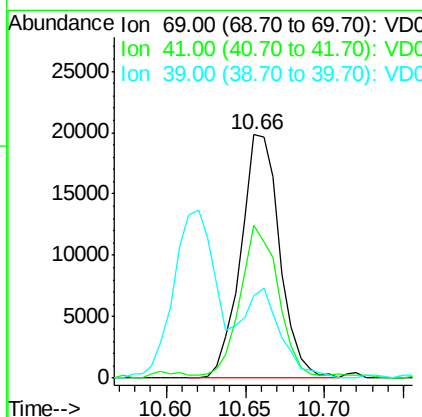
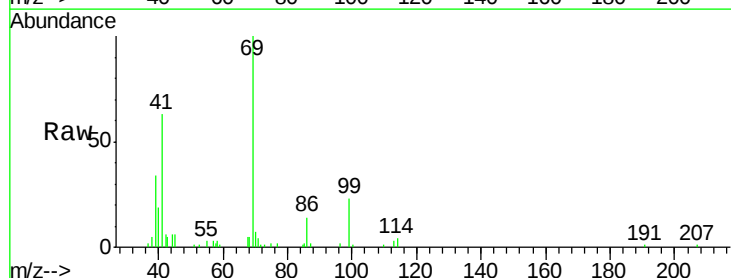
Manual Integrations  
 APPROVED

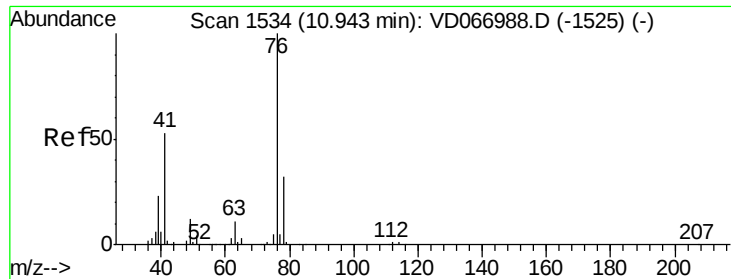
MMDadoda  
 10/2/2020 3:13:16 PM



#56  
 Ethyl methacrylate  
 Concen: 9.313 ug/l  
 RT: 10.66 min Scan# 1485  
 Delta R.T. -0.01 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 33899 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 59.7  | 46.4  | 69.6  |
| 39       | 33.2  | 23.8  | 35.6  |





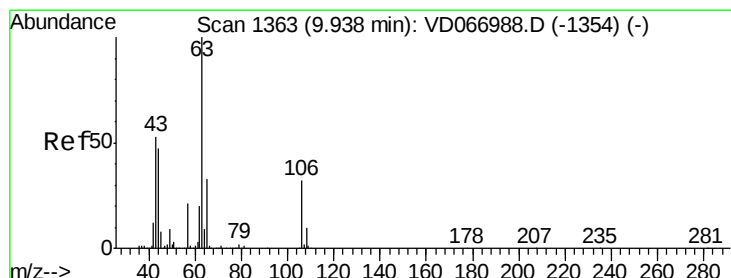
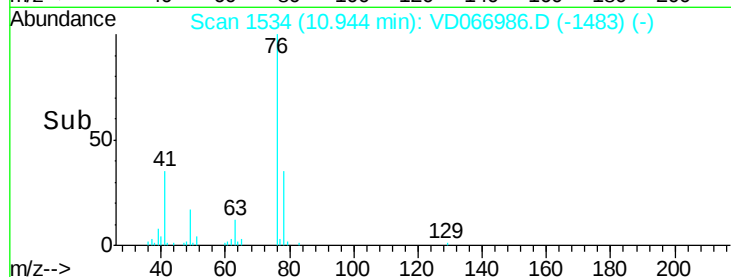
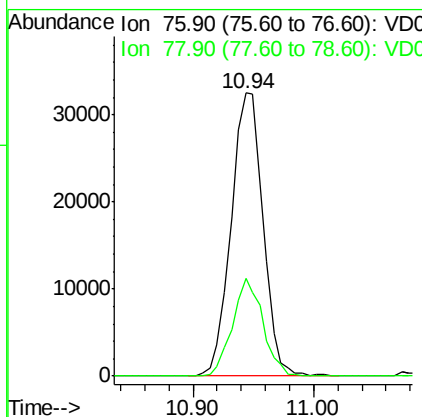
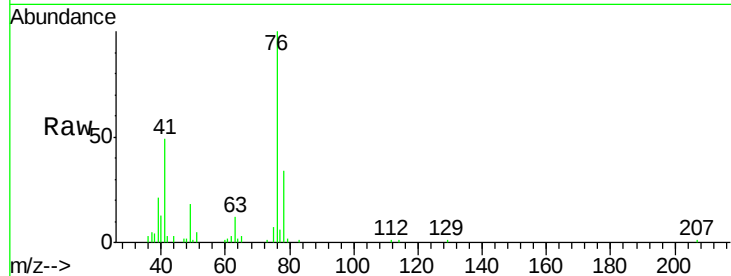
#57  
 1,3-Dichloropropane  
 Concen: 10.470 ug/l  
 RT: 10.94 min Scan# 1534  
 Delta R.T. 0.00 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.8  | 25.8  | 38.8  |

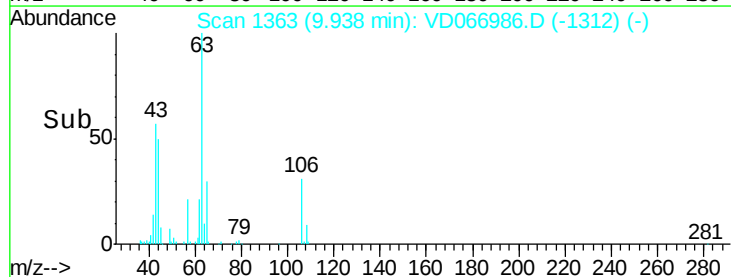
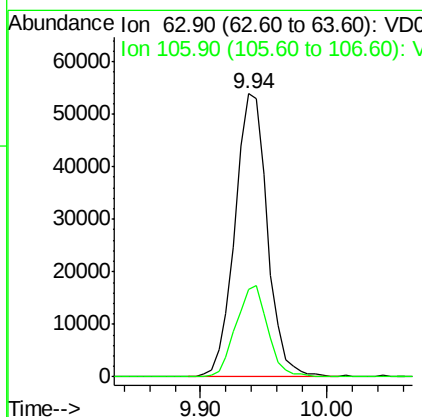
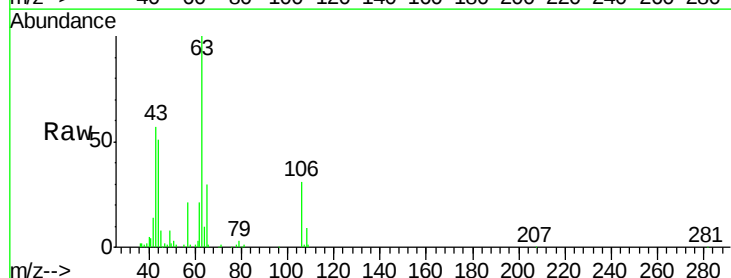
Manual Integrations  
 APPROVED

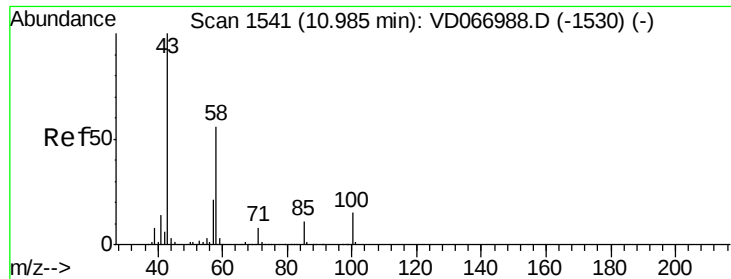
MMDadoda  
 10/2/2020 3:13:16 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 47.183 ug/l  
 RT: 9.94 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 31.6  | 25.3  | 37.9  |





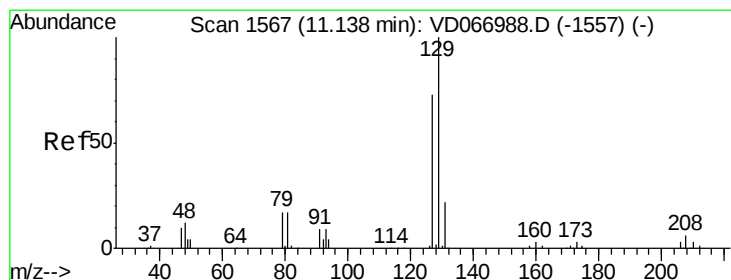
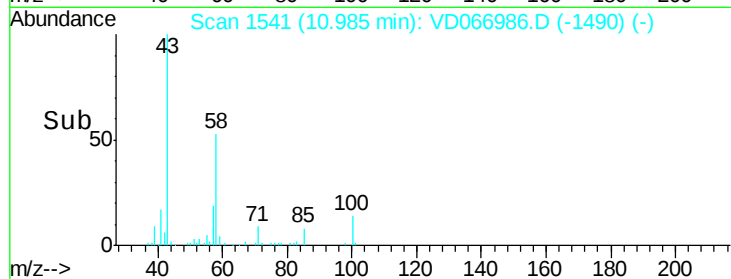
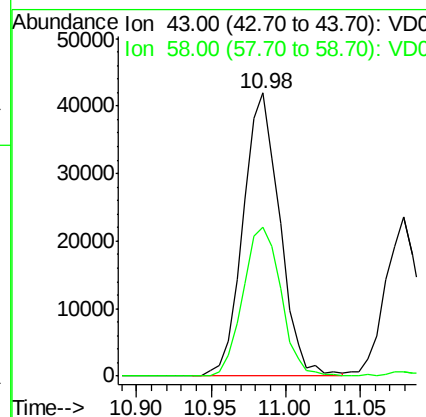
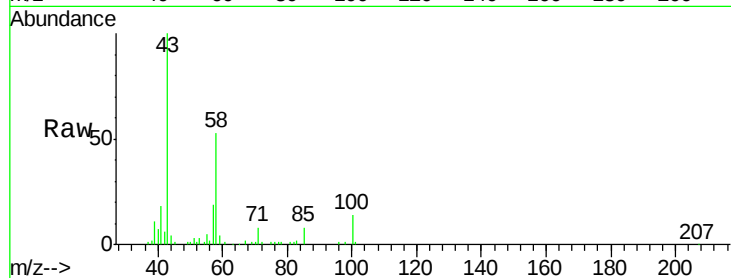
#59  
2-Hexanone  
Concen: 49.659 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 54.5  | 28.3  | 84.9  |

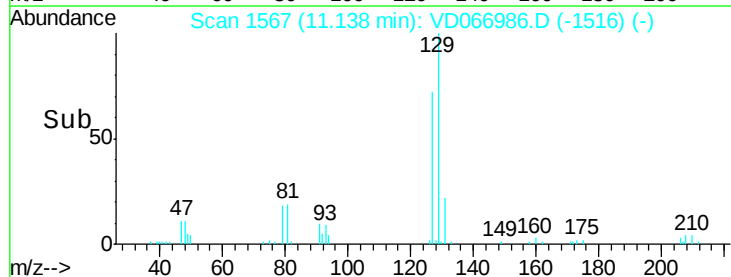
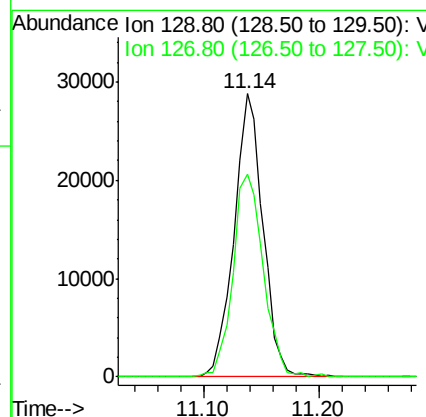
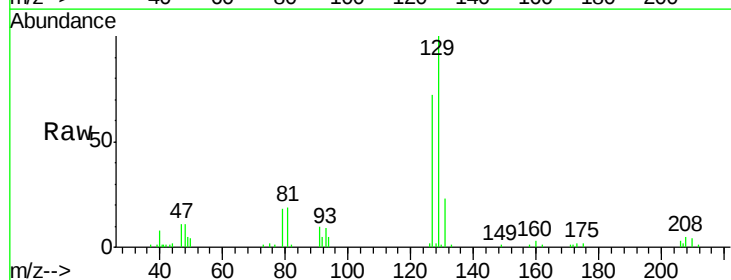
Manual Integrations  
APPROVED

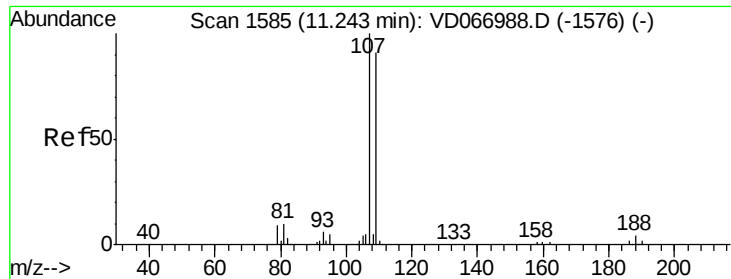
MMDadoda  
10/2/2020 3:13:16 PM



#60  
Dibromochloromethane  
Concen: 10.569 ug/l  
RT: 11.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 75.9  | 37.4  | 112.1 |





#61

1,2-Dibromoethane

Concen: 10.555 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

Tot Ion: 107 Resp: 35750

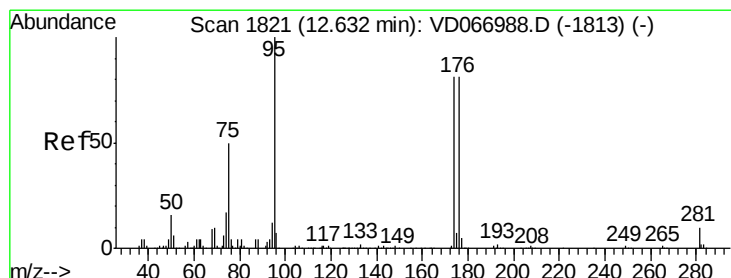
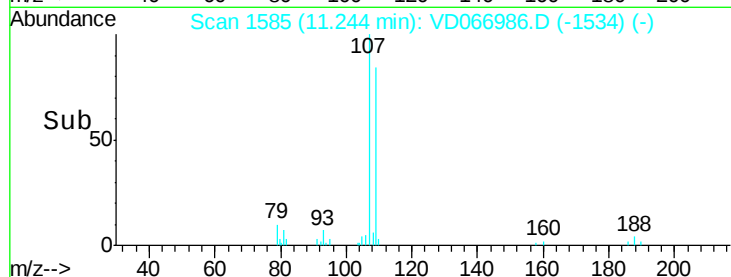
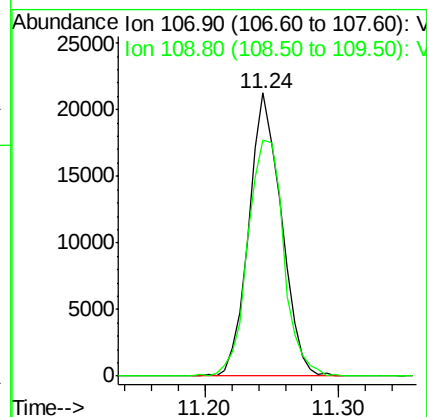
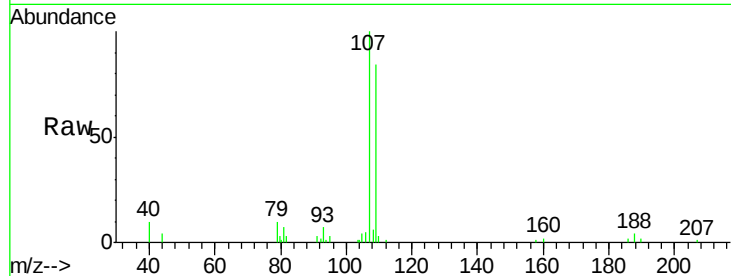
Ion Ratio Lower Upper

107 100

109 92.0 74.0 111.0

Manual Integrations  
APPROVED

MMDadoda  
10/2/2020 3:13:16 PM



#62

4-Bromofluorobenzene

Concen: 9.870 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

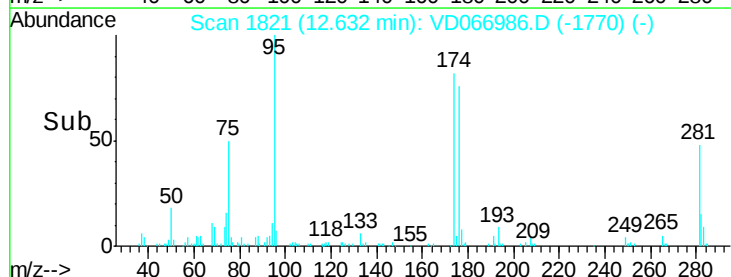
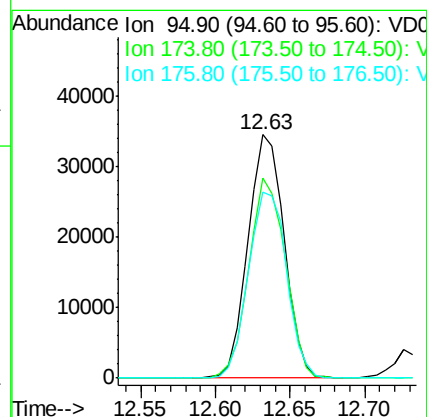
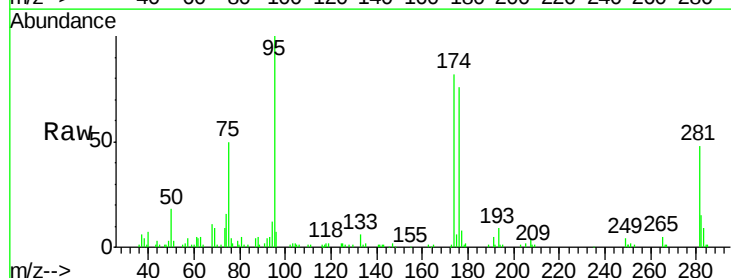
Tgt Ion: 95 Resp: 57975

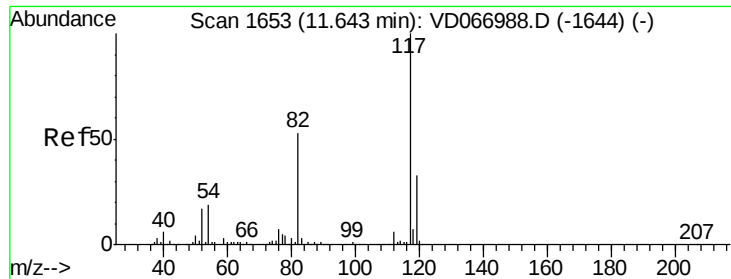
Ion Ratio Lower Upper

95 100

174 83.2 0.0 167.6

176 80.4 0.0 162.4





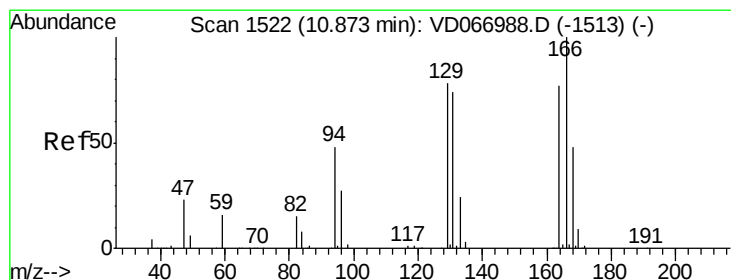
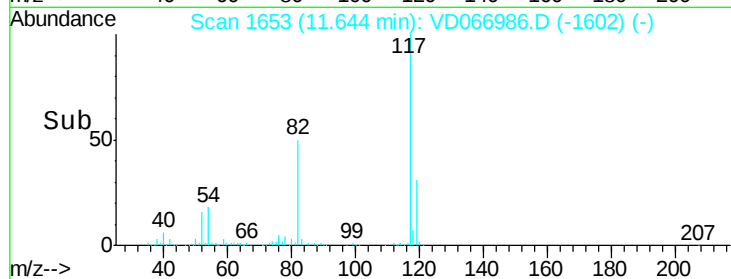
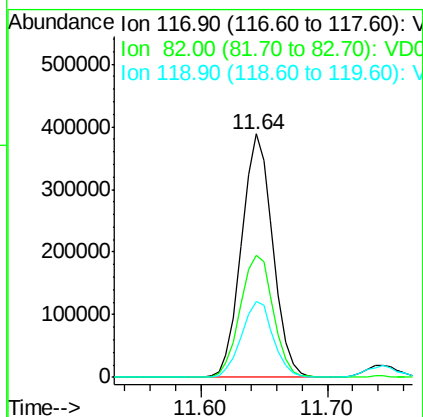
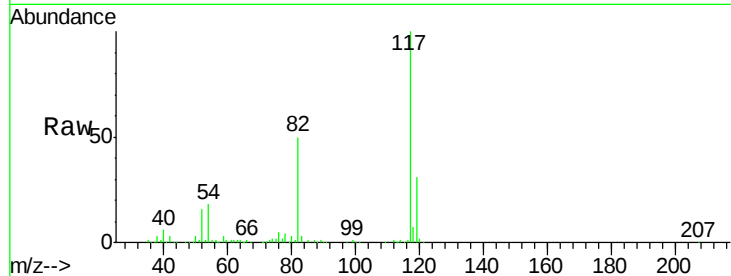
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 50.1  | 42.6  | 63.8  |
| 119     | 31.3  | 26.3  | 39.5  |

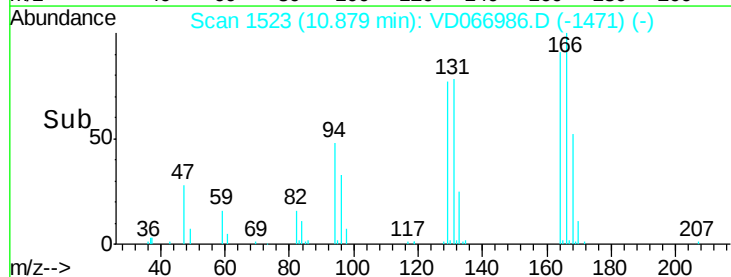
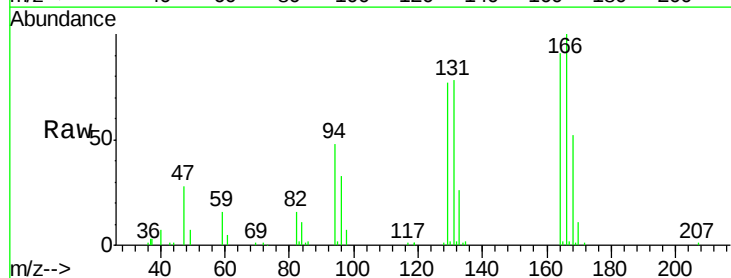
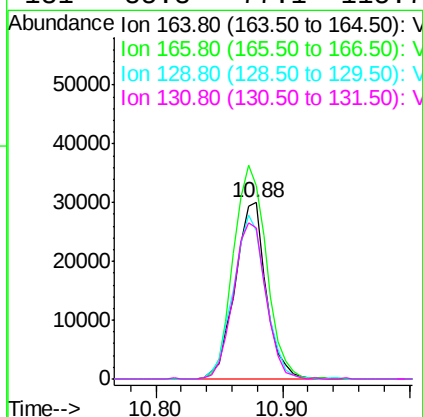
Manual Integrations  
APPROVED

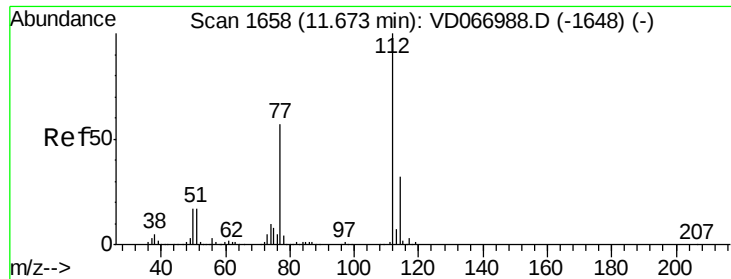
MMDadoda  
10/2/2020 3:13:16 PM



#64  
Tetrachloroethene  
Concen: 10.552 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 109.5 | 104.4 | 156.6 |
| 129     | 83.9  | 81.3  | 121.9 |
| 131     | 85.3  | 77.1  | 115.7 |





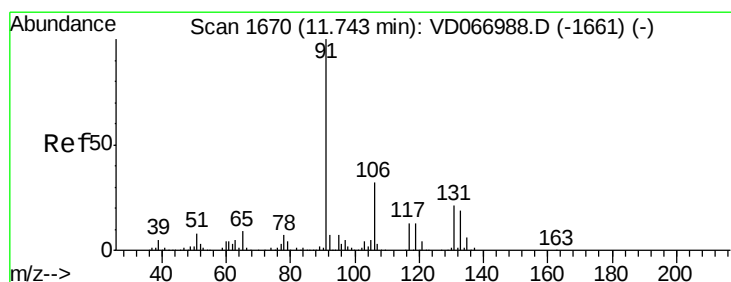
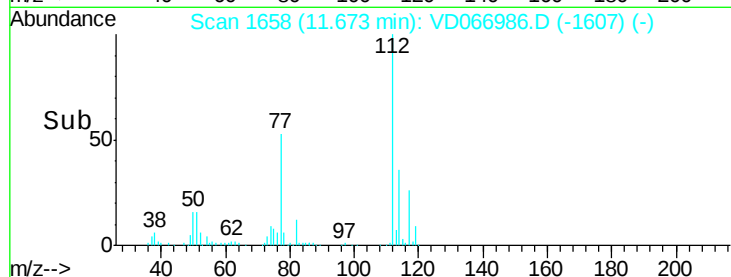
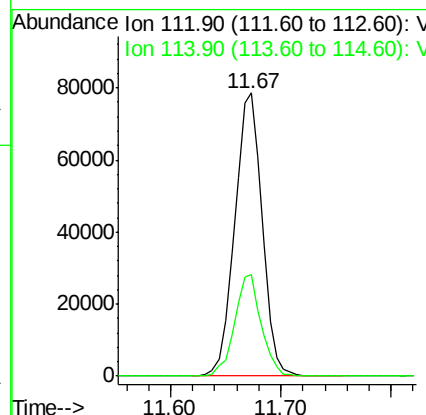
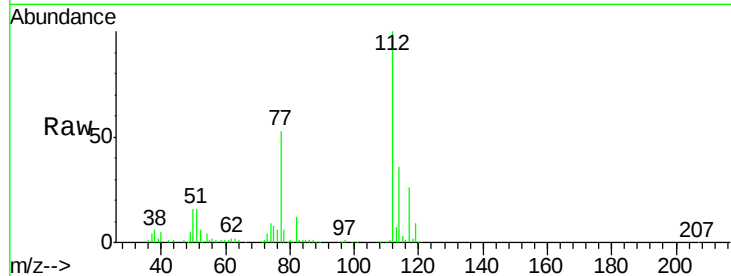
#65  
Chlorobenzene  
Concen: 10.346 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 36.1  | 25.4  | 38.0  |

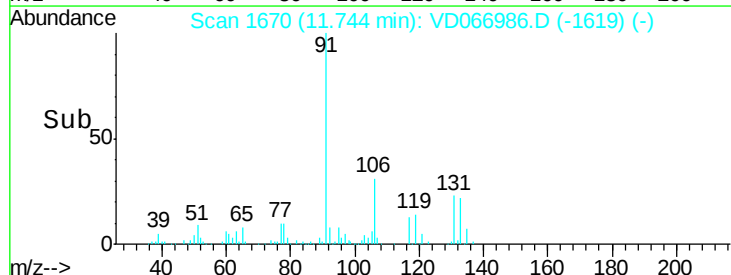
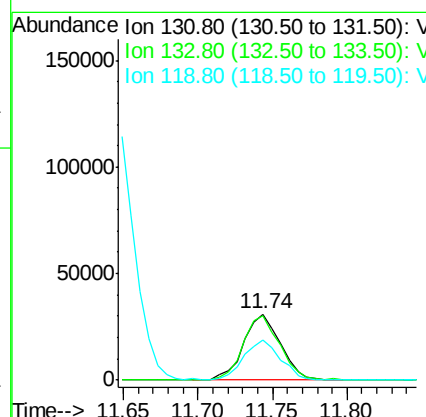
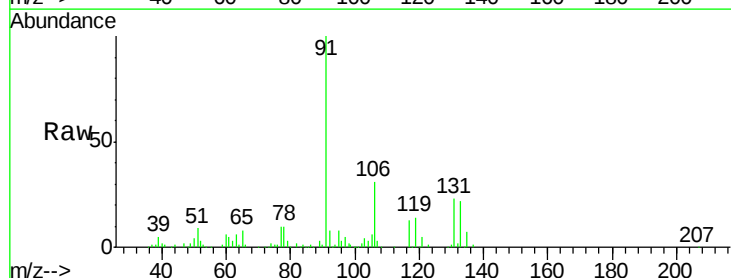
Manual Integrations  
APPROVED

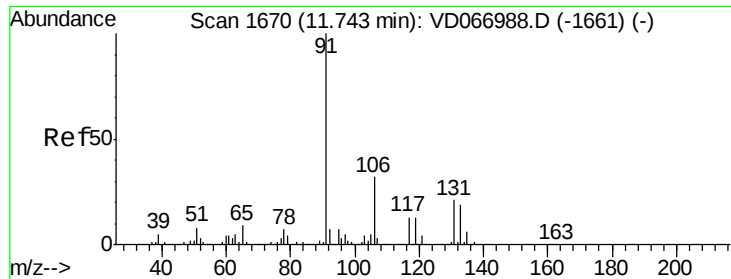
MMDadoda  
10/2/2020 3:13:16 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 10.533 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 97.0  | 47.8  | 143.3 |
| 119     | 60.8  | 32.3  | 96.8  |





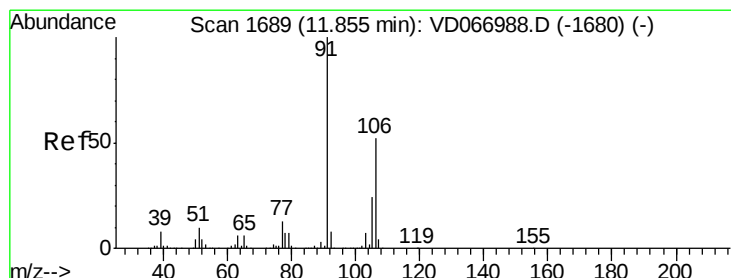
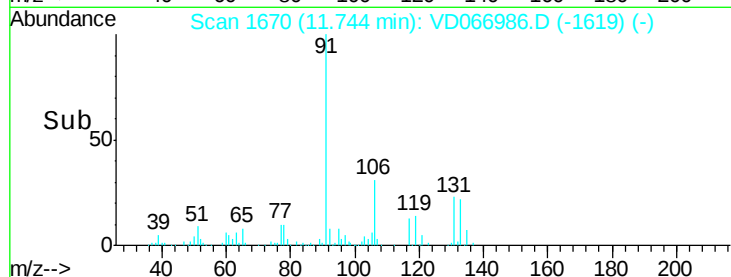
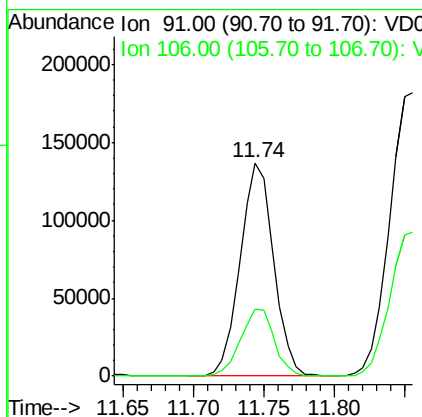
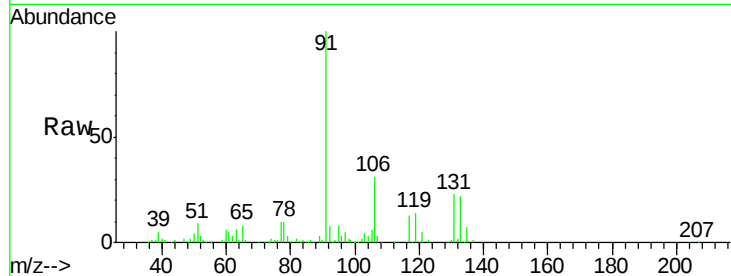
#67  
Ethyl Benzene  
Concen: 10.041 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tot Ion: 91 Resp: 227700  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.4 38.2

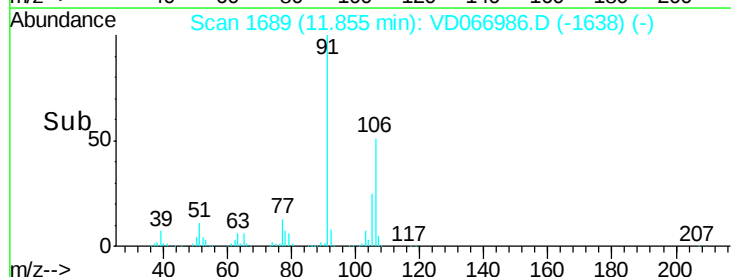
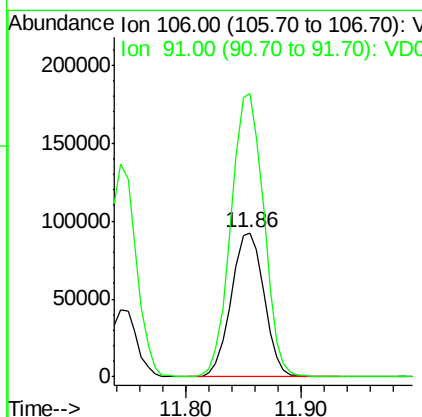
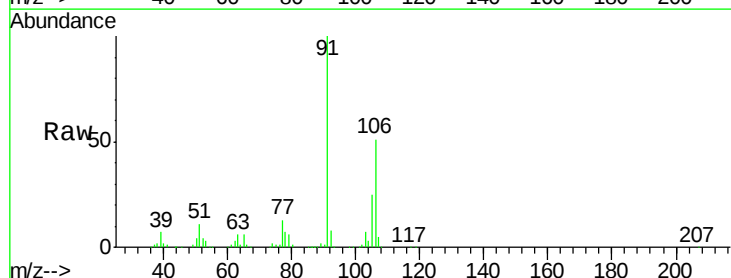
Manual Integrations  
APPROVED

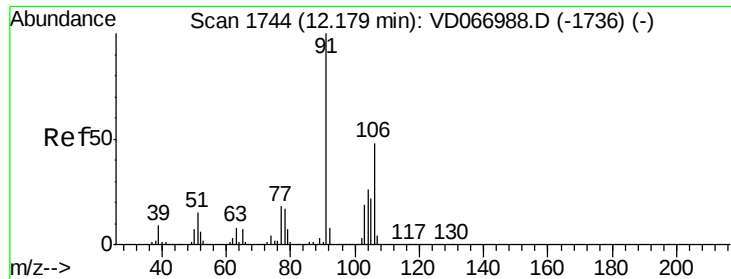
MMDadoda  
10/2/2020 3:13:16 PM



#68  
m/p-Xylenes  
Concen: 20.657 ug/l  
RT: 11.86 min Scan# 1689  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Tgt Ion: 106 Resp: 182557  
Ion Ratio Lower Upper  
106 100  
91 195.8 158.4 237.6





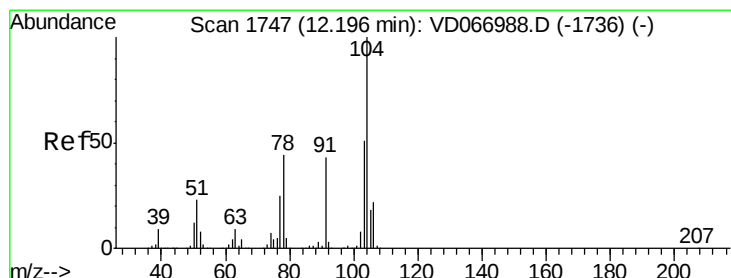
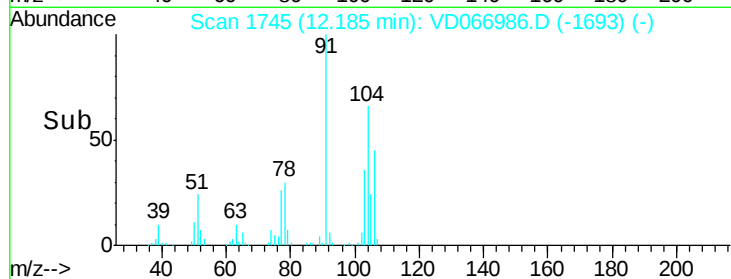
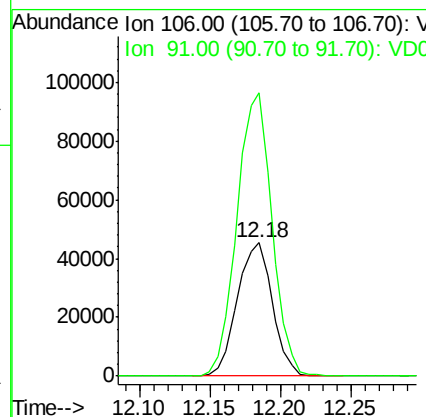
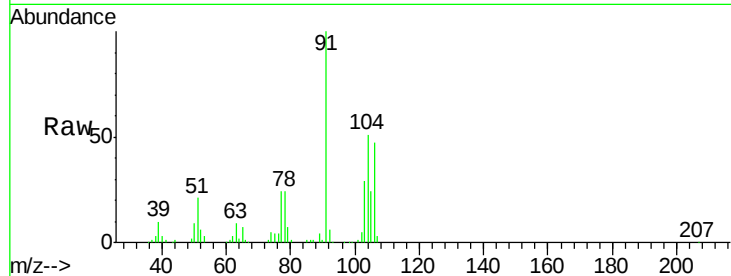
#69  
o-Xylene  
Concen: 9.988 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tot Ion:106 Resp: 78933  
Ion Ratio Lower Upper  
106 100  
91 212.1 102.4 307.2

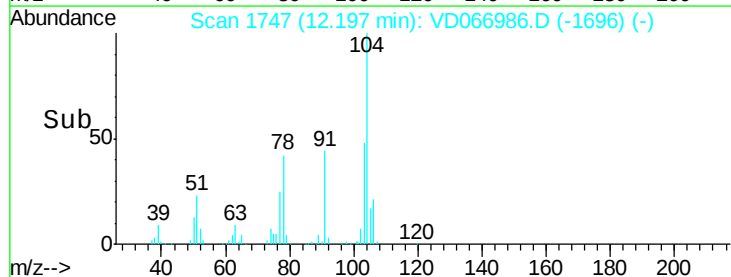
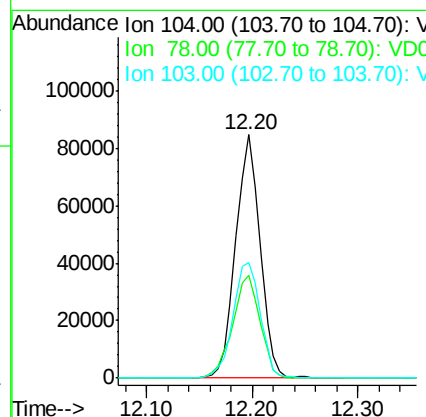
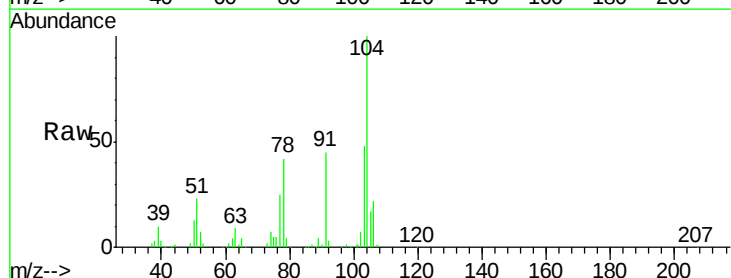
Manual Integrations  
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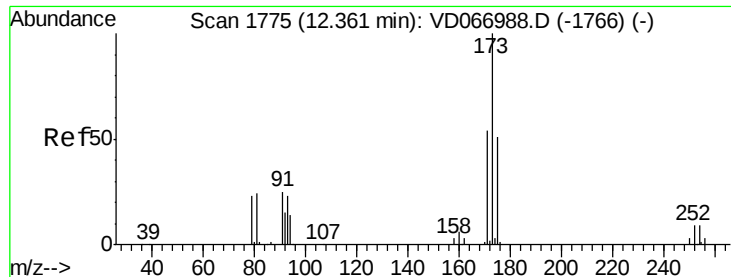
MMDadoda  
10/2/2020 3:13:16 PM



#70  
Styrene  
Concen: 9.957 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Tgt Ion:104 Resp: 135118  
Ion Ratio Lower Upper  
104 100  
78 47.4 38.6 58.0  
103 53.2 43.4 65.0





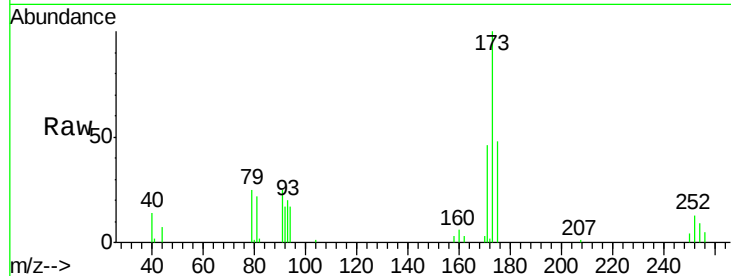
#71  
Bromoform  
Concen: 10.133 ug/l  
RT: 12.36 min Scan# 1775  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

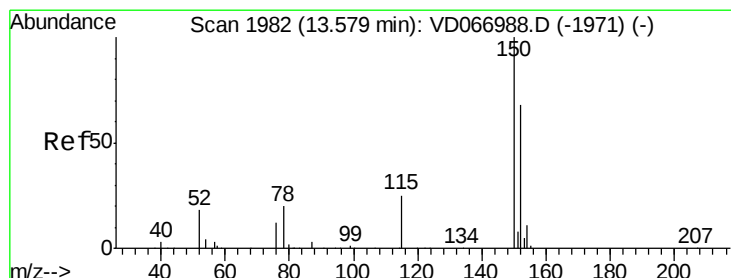
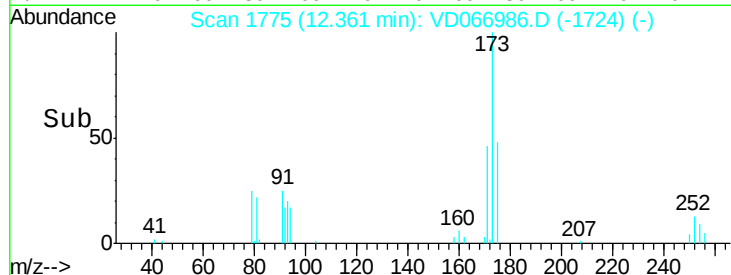
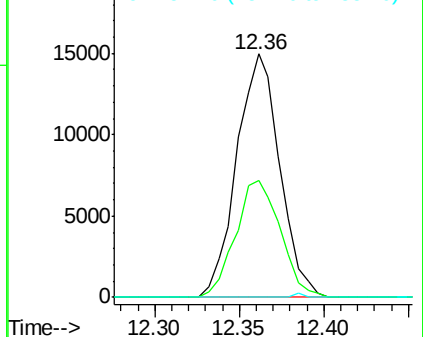
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.0  | 24.9  | 74.7  |
| 254     | 0.0   | 0.2   | 0.4   |

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10/2/2020 3:13:16 PM

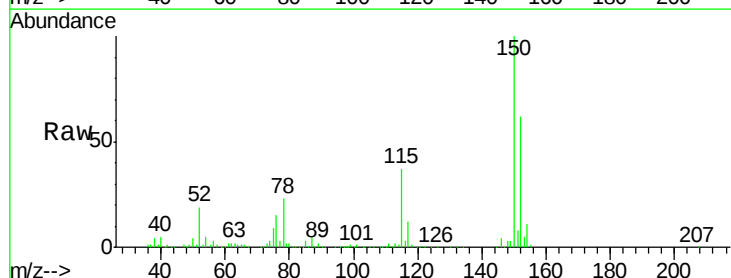


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

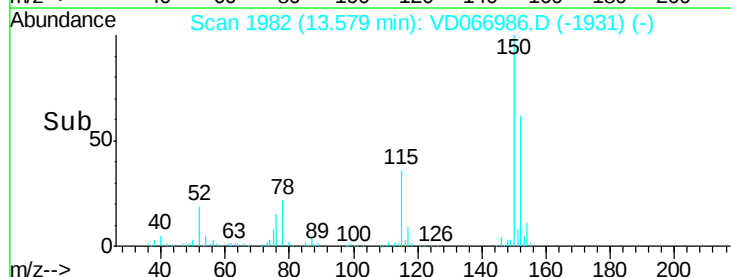
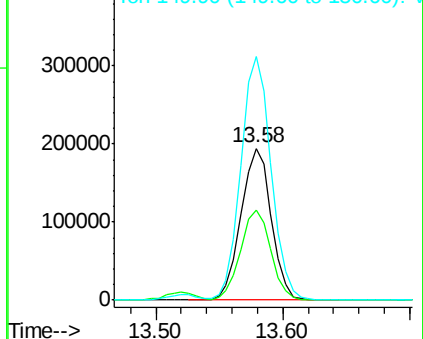


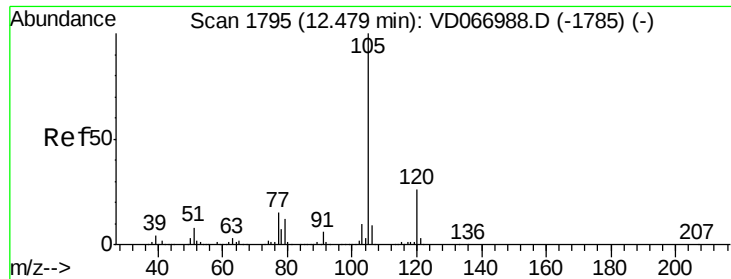
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 59.5  | 29.6  | 88.8  |
| 150     | 161.1 | 0.0   | 344.8 |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





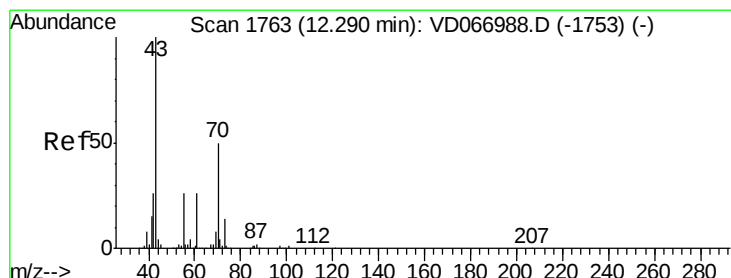
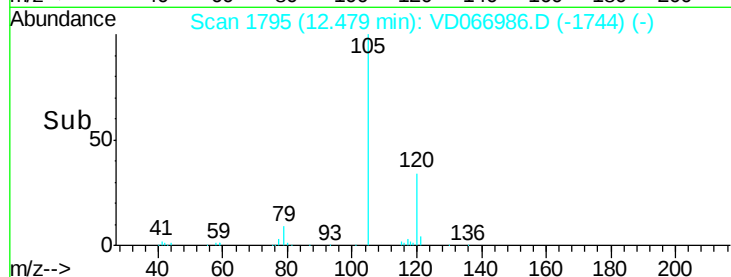
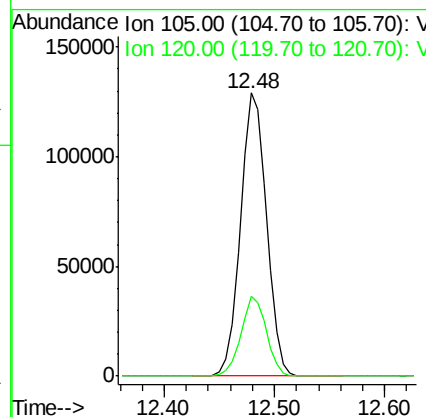
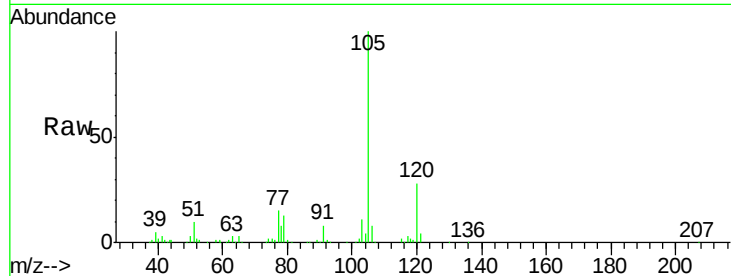
#73  
Isopropylbenzene  
Concen: 9.839 ug/l  
RT: 12.48 min Scan# 1795  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.5  | 13.3  | 39.9  |

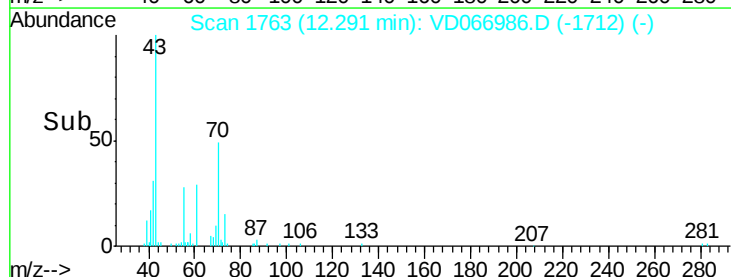
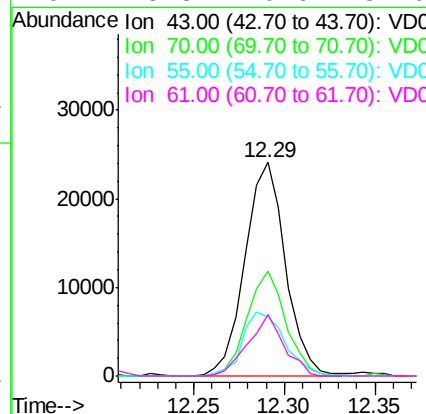
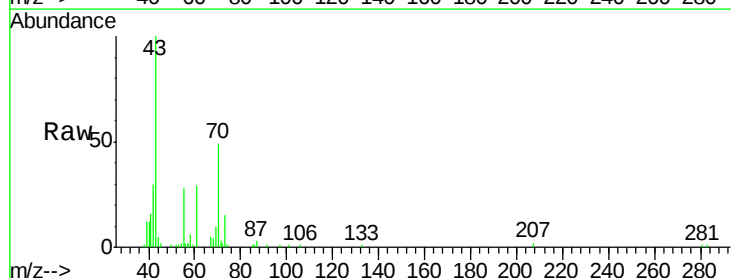
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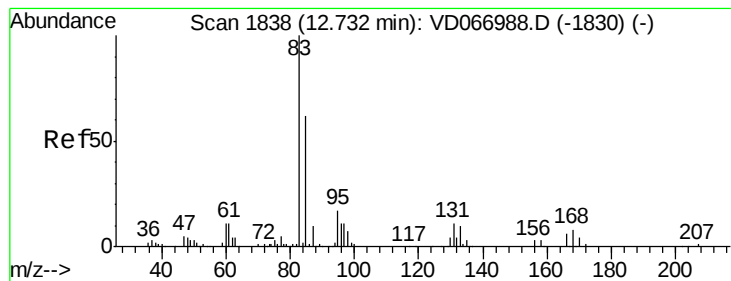
MMDadoda  
10/2/2020 3:13:16 PM



#74  
N-ethyl acetate  
Concen: 9.596 ug/l  
RT: 12.29 min Scan# 1763  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 46.8  | 38.2  | 57.2  |
| 55      | 31.5  | 22.4  | 33.6  |
| 61      | 25.3  | 20.6  | 31.0  |





#75

1,1,2,2-Tetrachloroethane

Concen: 10.696 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

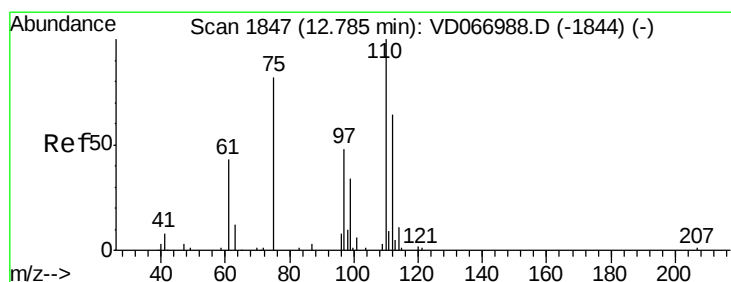
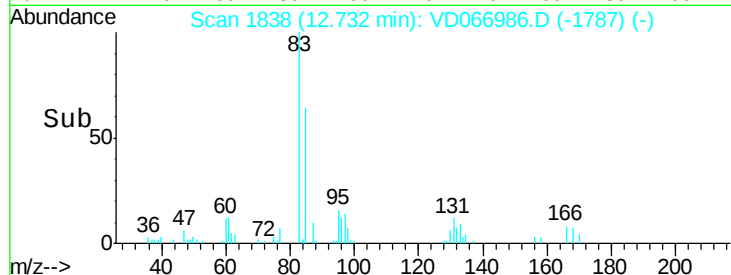
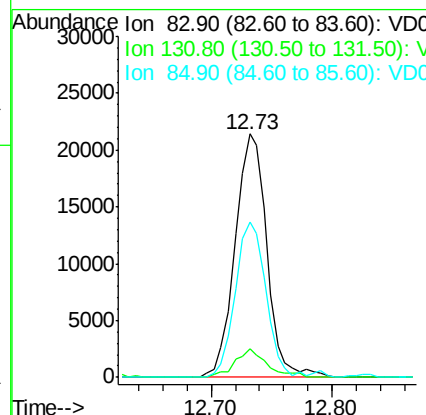
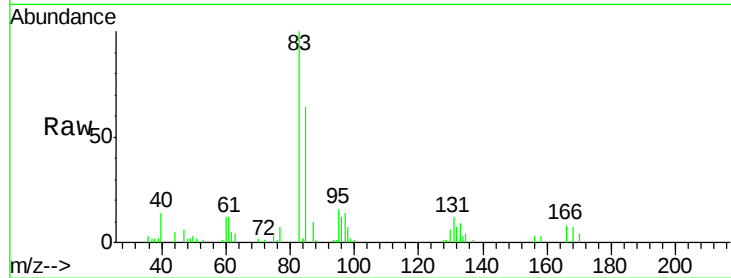
ClientSampleId :

VSTDIC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 39193 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.7  | 5.7   | 17.0  |
| 85        | 61.9  | 32.0  | 96.2  |

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#76

1,2,3-Trichloropropane

Concen: 11.501 ug/l m

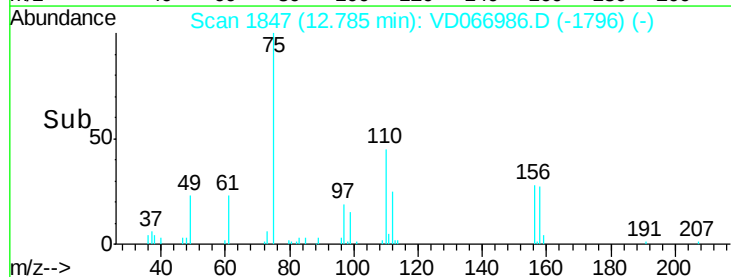
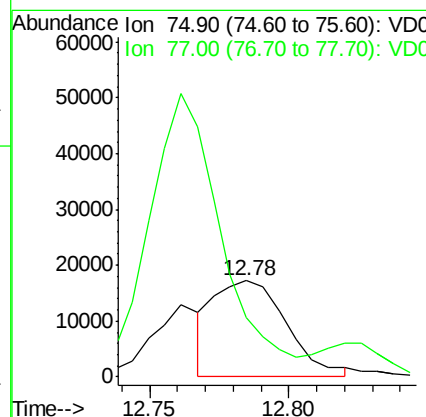
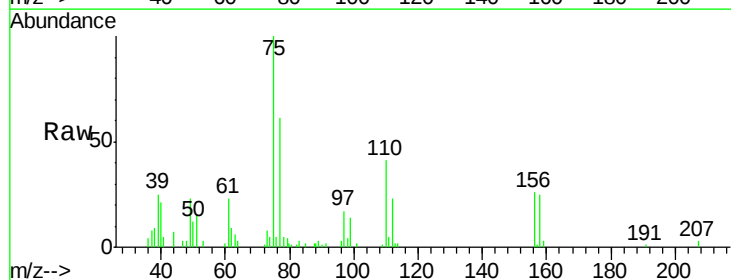
RT: 12.78 min Scan# 1847

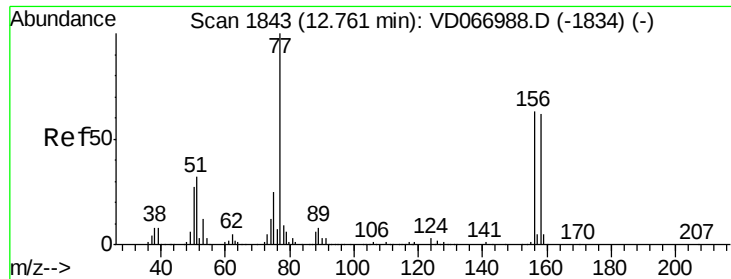
Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 31399 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





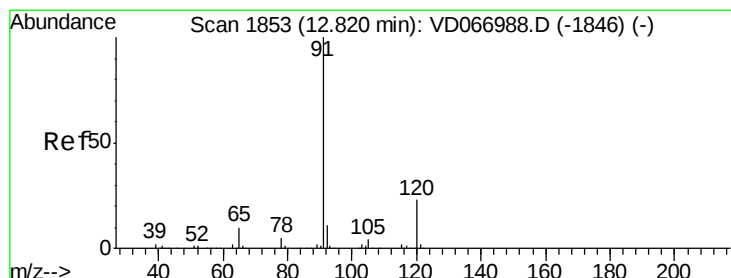
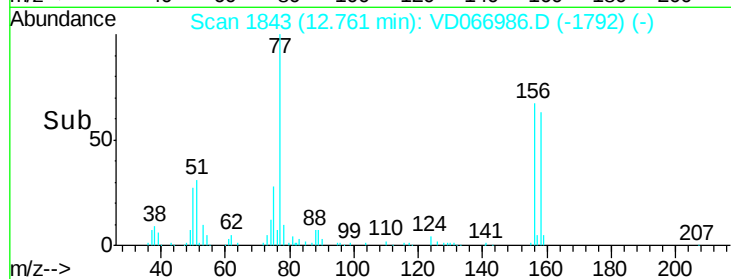
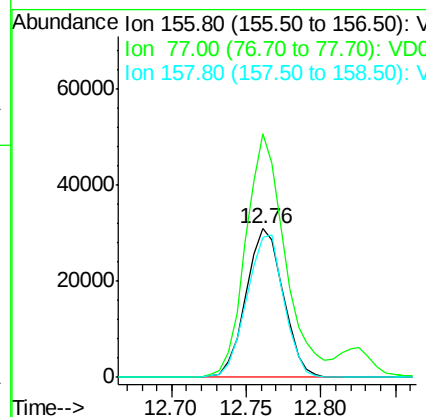
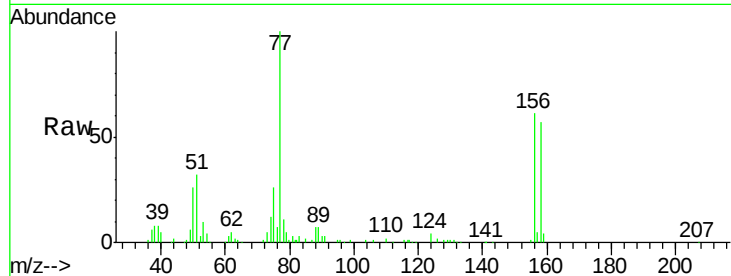
#77  
Bromobenzene  
Concen: 10.160 ug/l  
RT: 12.76 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 173.0 | 86.3  | 258.8 |       |
| 158     | 95.6  | 49.5  | 148.3 |       |

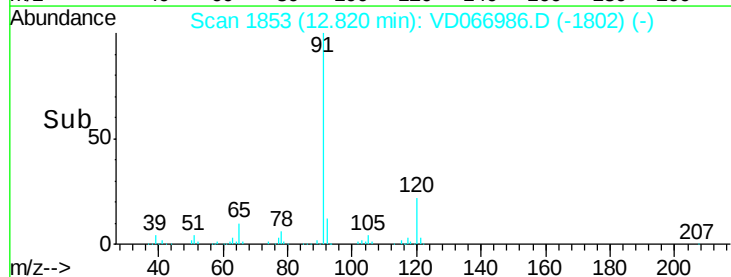
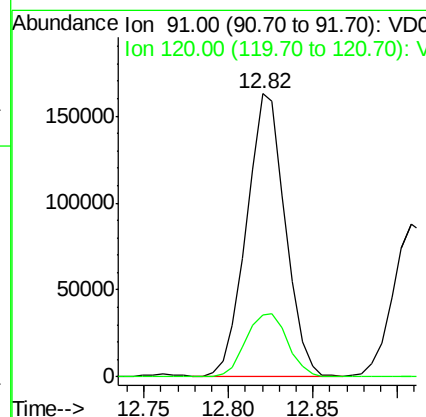
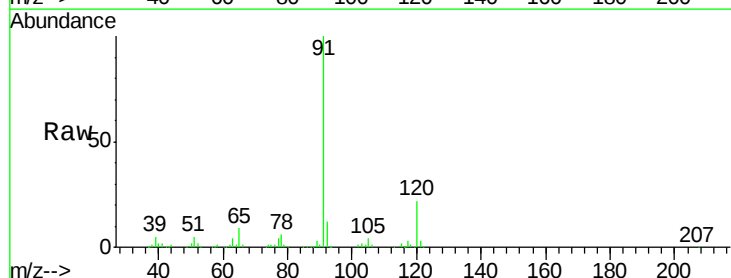
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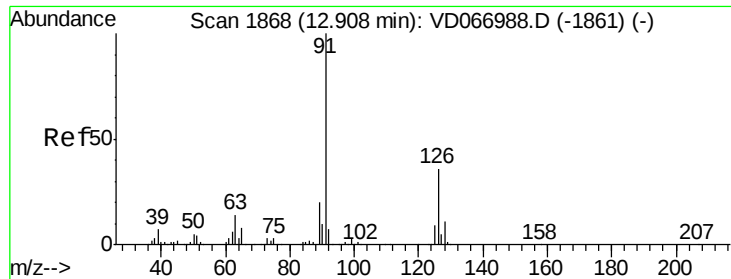
MMDadoda  
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#78  
n-propylbenzene  
Concen: 10.059 ug/l  
RT: 12.82 min Scan# 1853  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 24.0 | 11.6  | 34.8  |       |





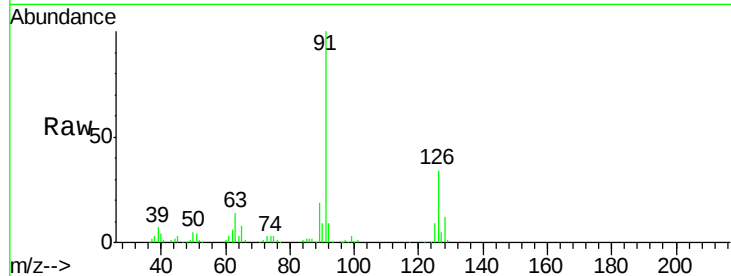
#79  
2-Chlorotoluene  
Concen: 10.134 ug/l  
RT: 12.91 min Scan# 1868  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

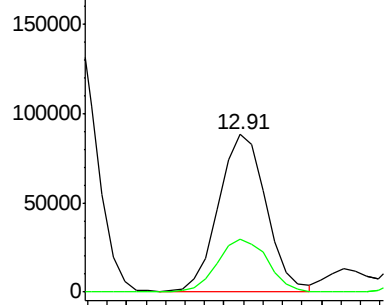
Tot Ion: 91 Resp: 149030  
Ion Ratio Lower Upper  
91 100  
126 35.3 17.5 52.6

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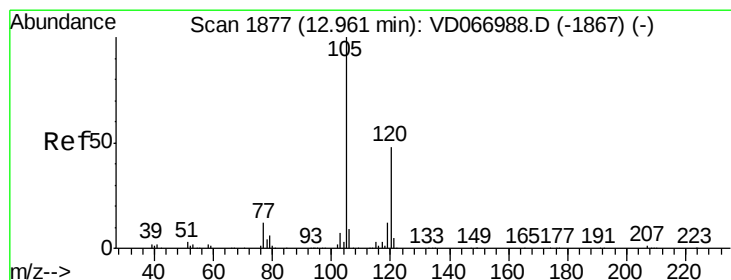
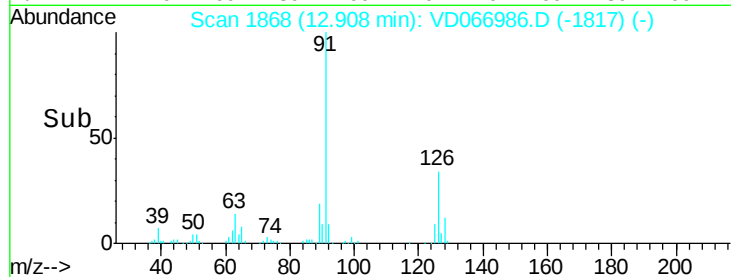
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Abundance Ion 91.00 (90.70 to 91.70): VD  
Ion 125.90 (125.60 to 126.60): V

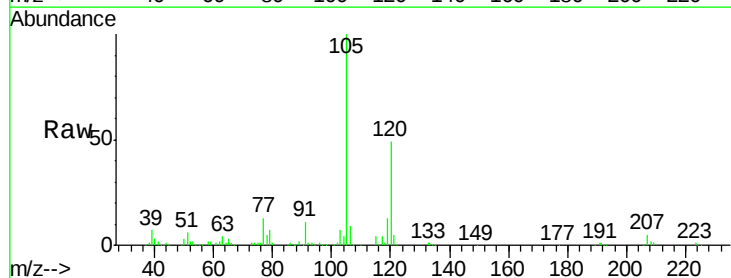


Time-->

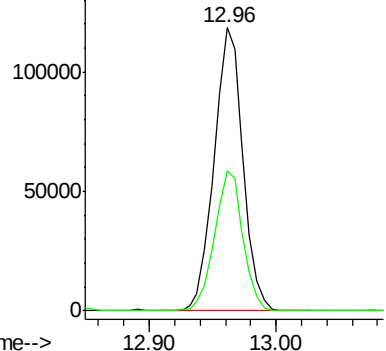


#80  
1,3,5-Trimethylbenzene  
Concen: 10.138 ug/l  
RT: 12.96 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

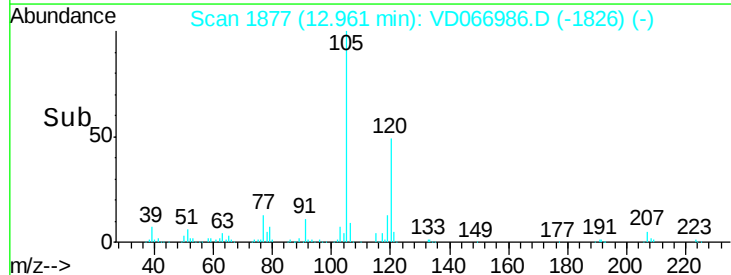
Tgt Ion: 105 Resp: 186280  
Ion Ratio Lower Upper  
105 100  
120 48.8 24.6 74.0

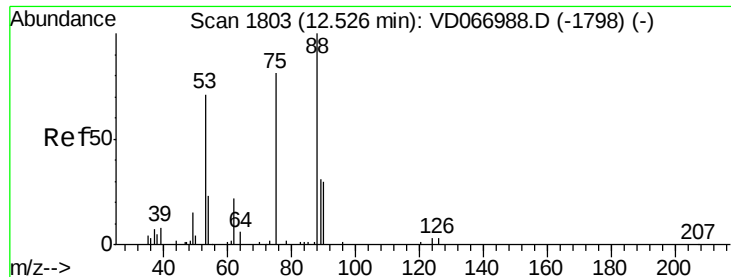


Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 10.026 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 11219

Ion Ratio Lower Upper

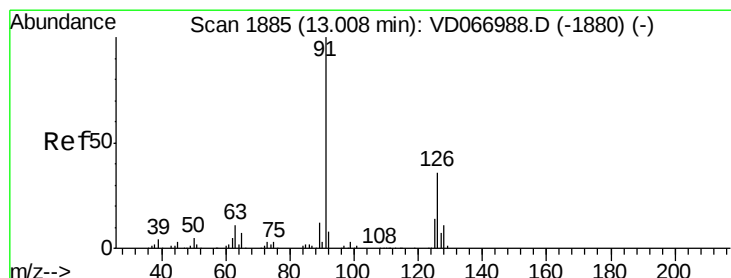
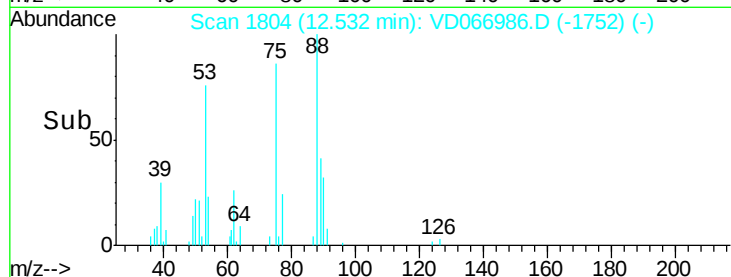
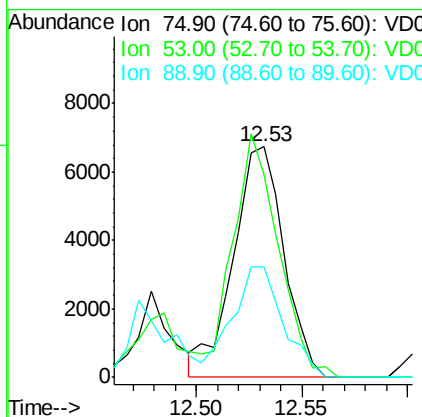
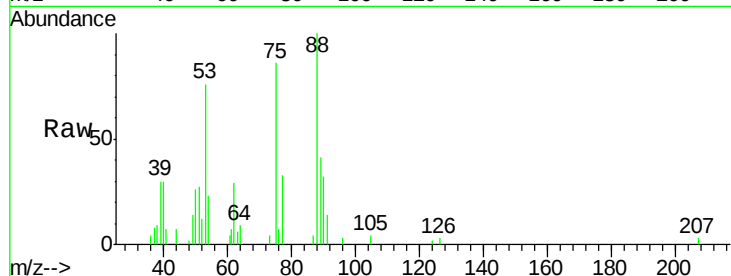
75 100

53 94.5 73.8 110.6

89 48.6 38.9 58.3

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#82

4-Chlorotoluene

Concen: 10.481 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066986.D

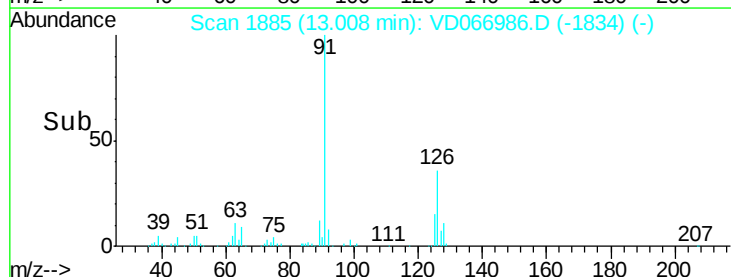
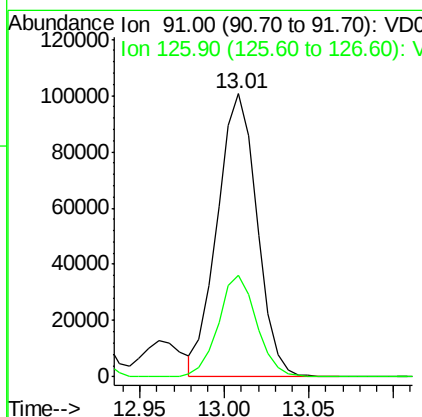
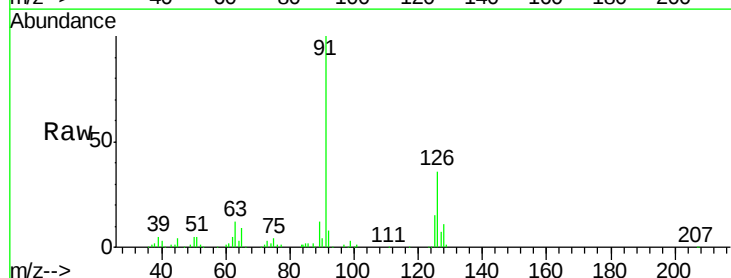
Acq: 01 Oct 2020 11:53

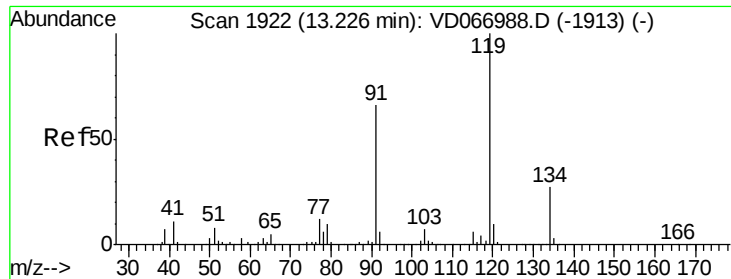
Tgt Ion: 91 Resp: 163981

Ion Ratio Lower Upper

91 100

126 34.6 17.5 52.5





#83

tert-Butylbenzene

Concen: 9.902 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

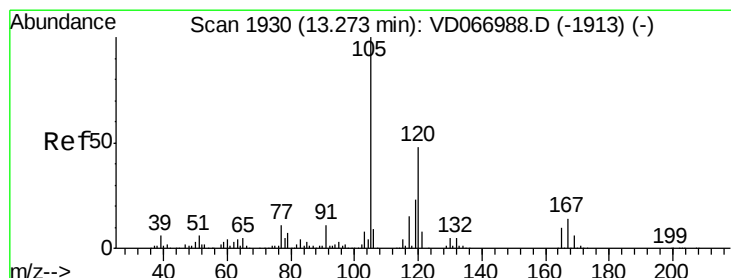
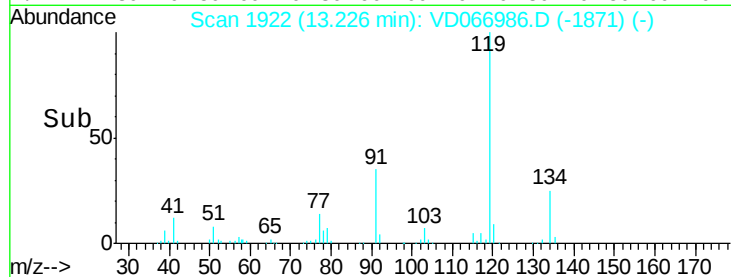
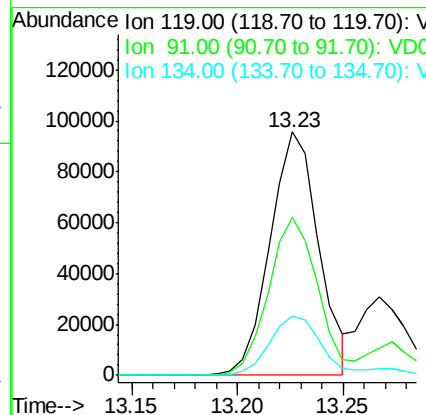
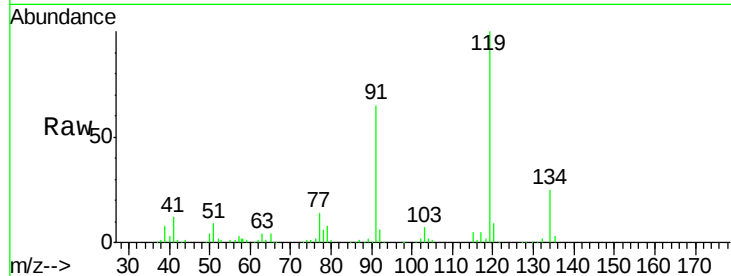
ClientSampleId :

VSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 153218 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 66.2  | 32.8  | 98.3   |
| 134       | 25.4  | 13.9  | 41.7   |

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#84

1,2,4-Trimethylbenzene

Concen: 10.235 ug/l

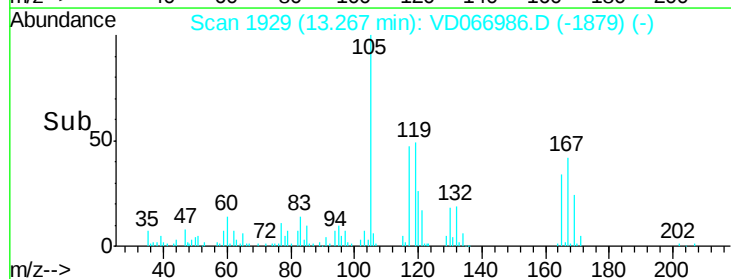
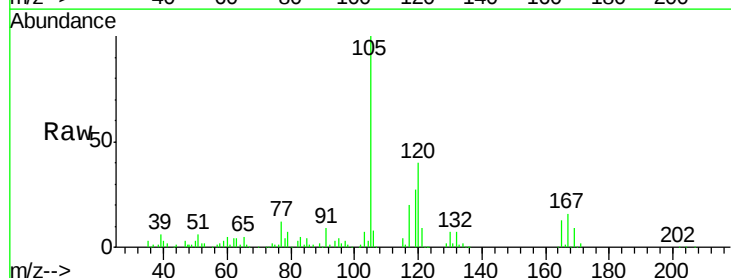
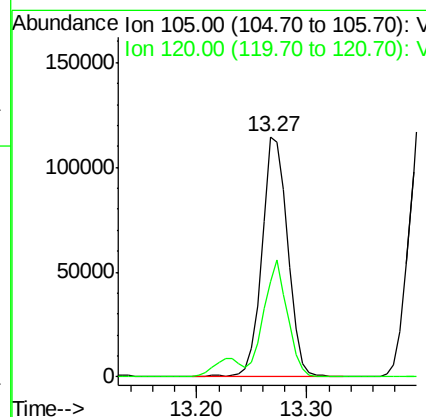
RT: 13.27 min Scan# 1929

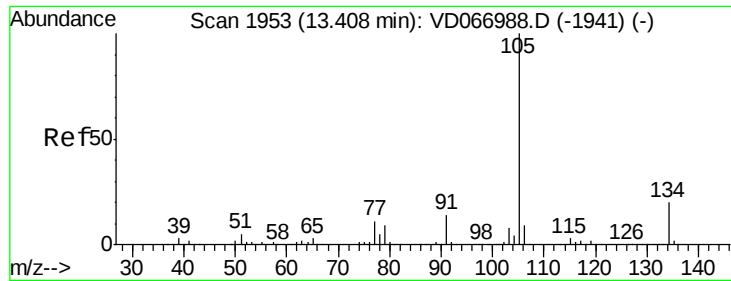
Delta R.T. -0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 187675 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 44.5  | 23.3  | 69.8   |





#85

sec-Butylbenzene

Concen: 9.837 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 214359

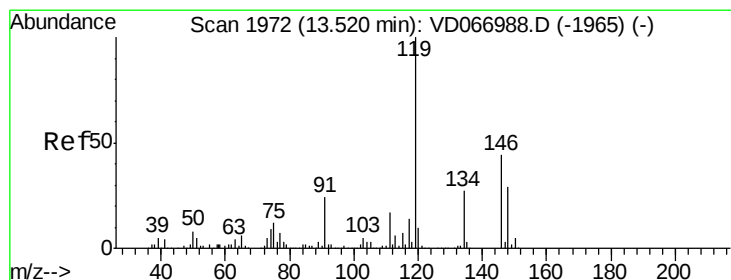
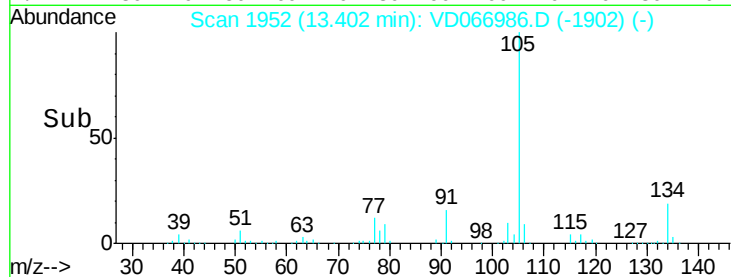
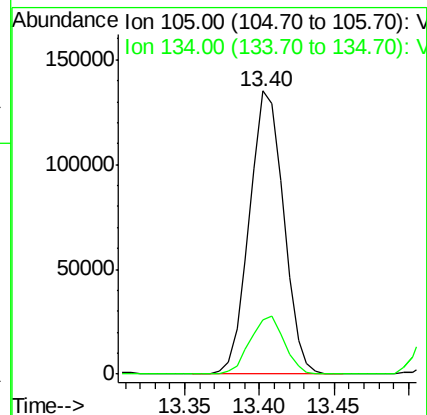
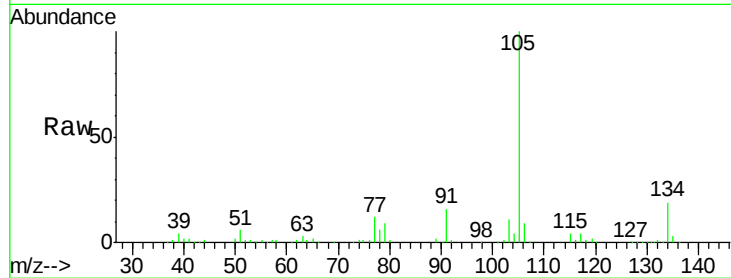
Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 10.092 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066986.D

Acq: 01 Oct 2020 11:53

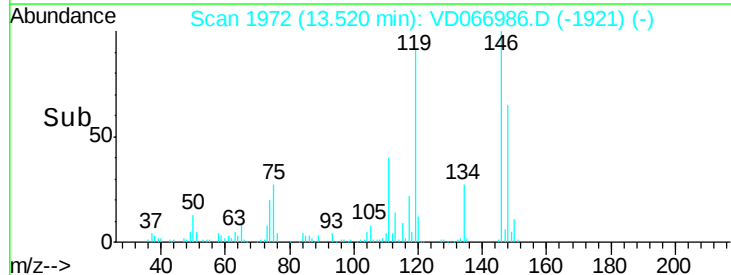
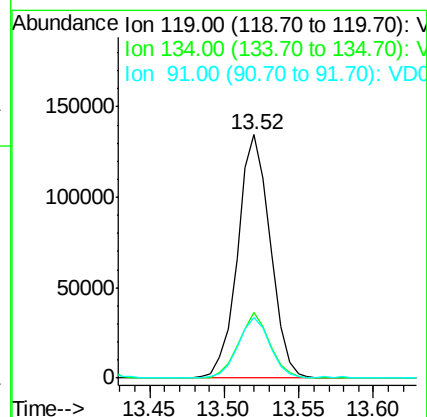
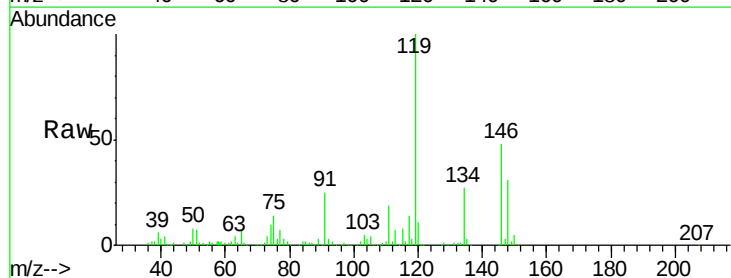
Tgt Ion:119 Resp: 203867

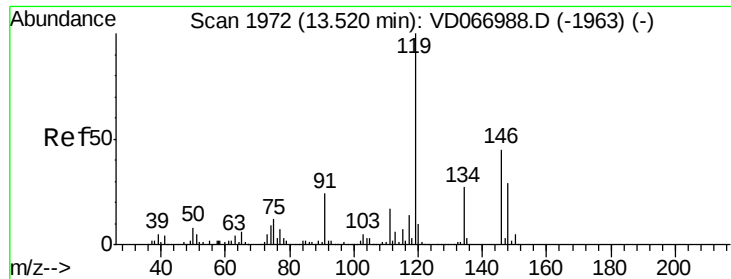
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 24.5 11.7 35.1





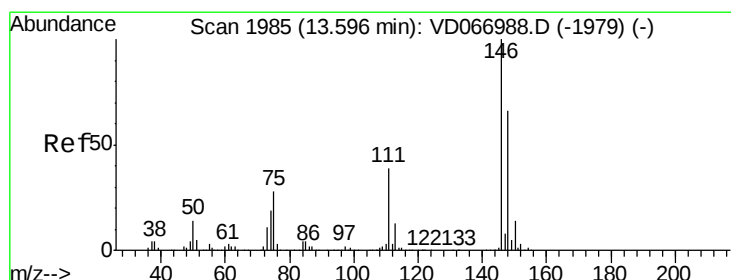
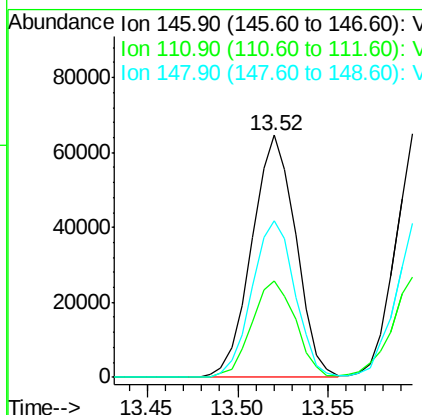
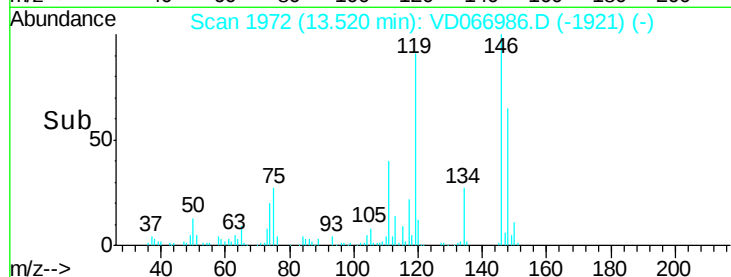
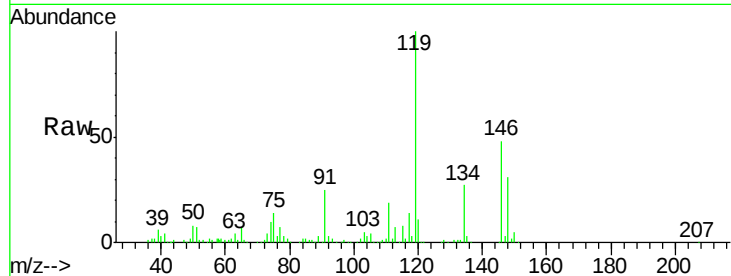
#87  
 1,3-Dichlorobenzene  
 Concen: 10.634 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 108774 |       |       |
| 111     | 39.9  | 20.0   | 60.0  |       |
| 148     | 63.4  | 31.9   | 95.9  |       |

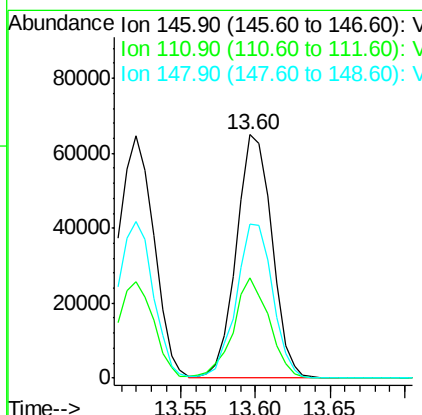
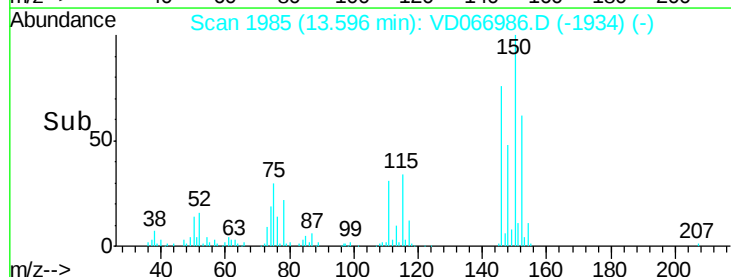
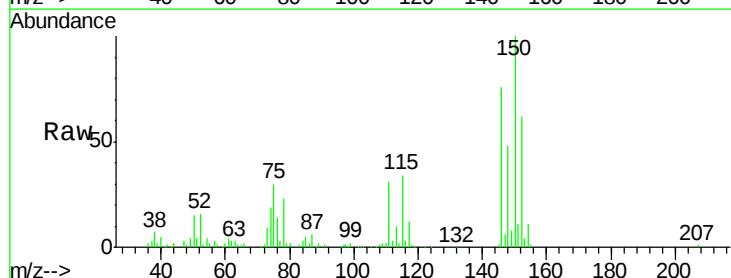
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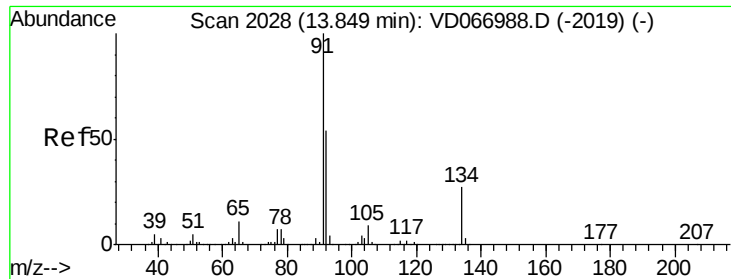
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 10.576 ug/l  
 RT: 13.60 min Scan# 1985  
 Delta R.T. 0.00 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 108166 |       |       |
| 111     | 41.5  | 19.6   | 58.7  |       |
| 148     | 64.4  | 32.6   | 97.7  |       |





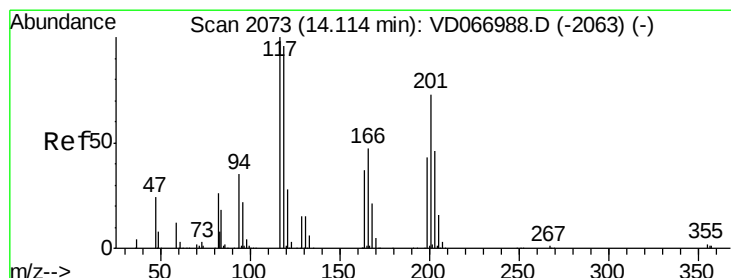
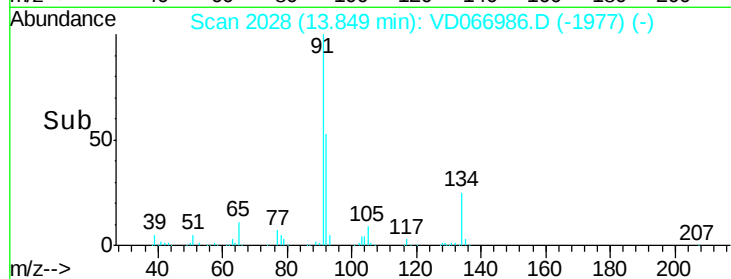
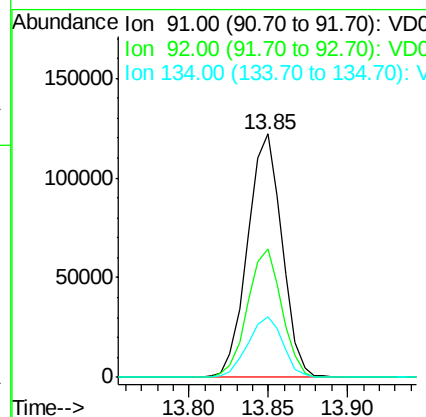
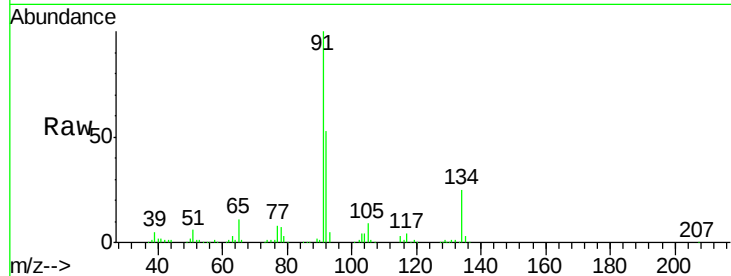
#89  
n-Butylbenzene  
Concen: 10.000 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.3  | 27.1  | 81.2  |
| 134     | 25.3  | 13.6  | 40.8  |

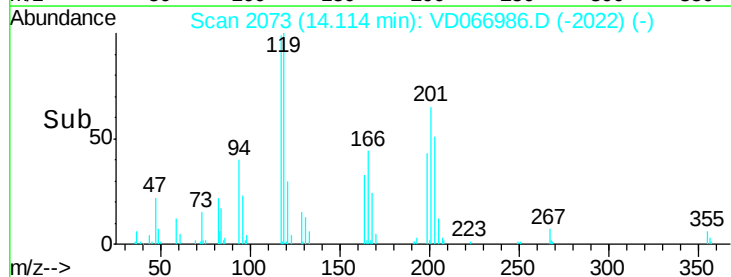
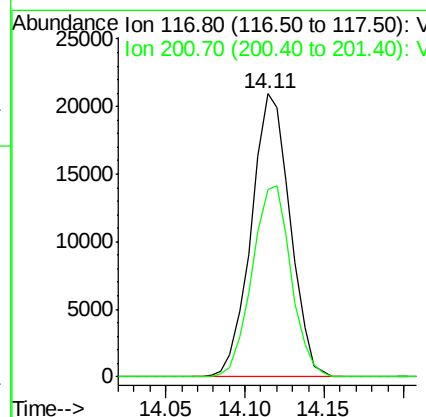
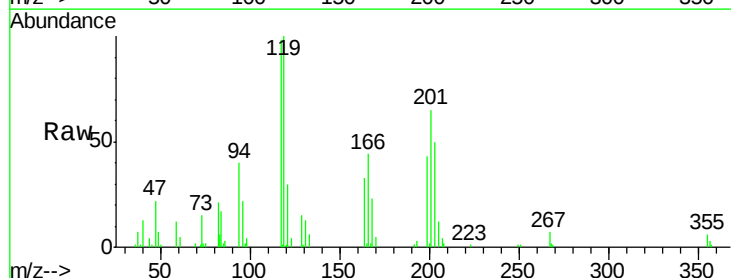
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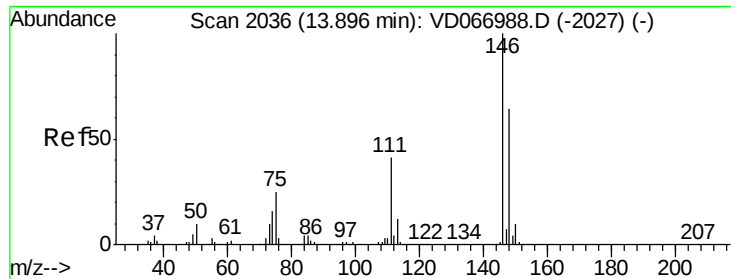
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#90  
Hexachloroethane  
Concen: 10.096 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 67.7  | 37.0  | 110.9 |





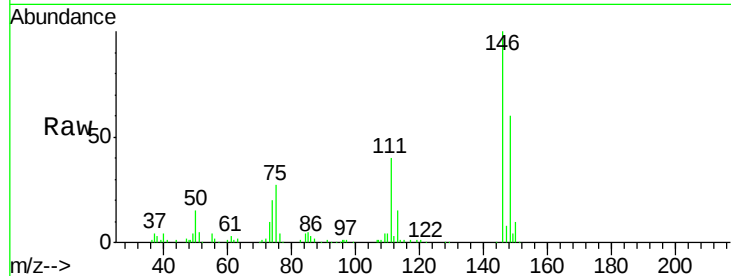
#91  
 1,2-Dichlorobenzene  
 Concen: 10.273 ug/l  
 RT: 13.89 min Scan# 2035  
 Delta R.T. -0.01 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

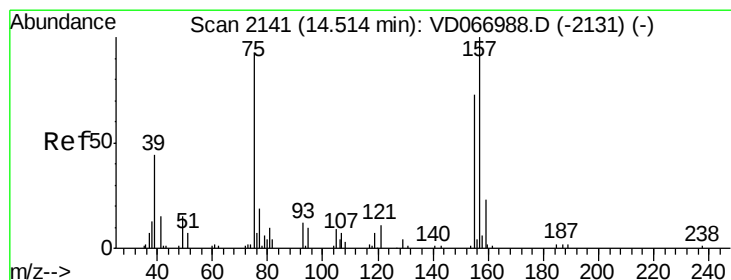
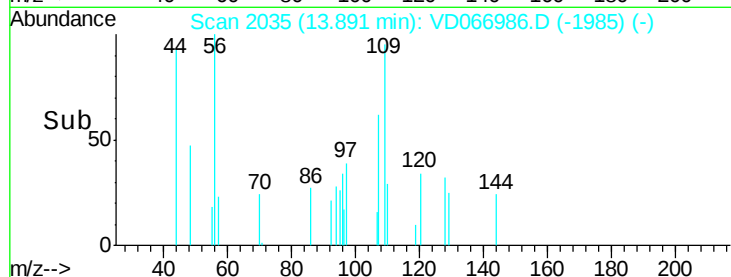
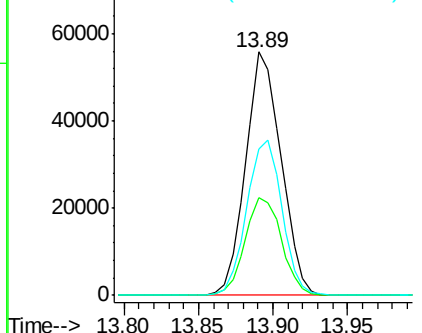
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.3  | 20.9  | 62.7  |
| 148     | 63.3  | 32.3  | 96.9  |

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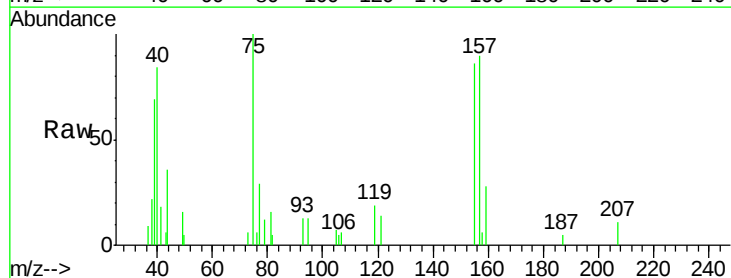


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

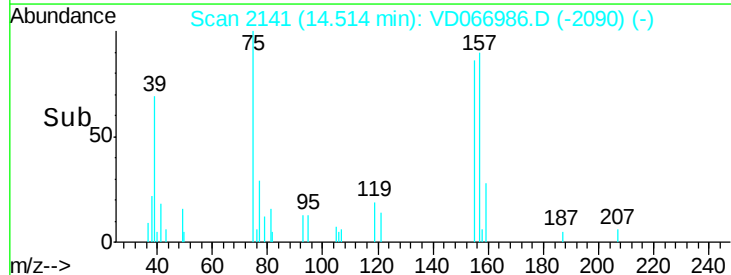
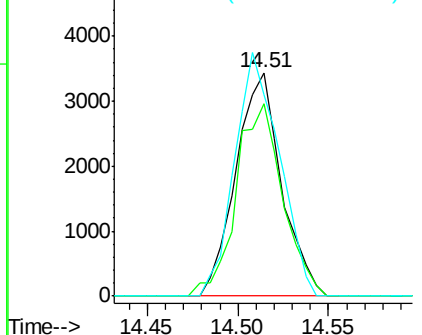


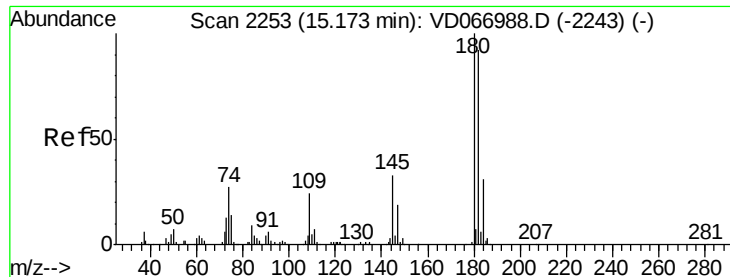
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 10.178 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. 0.00 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 88.2  | 45.2  | 135.6 |
| 157     | 106.6 | 56.3  | 168.8 |



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V





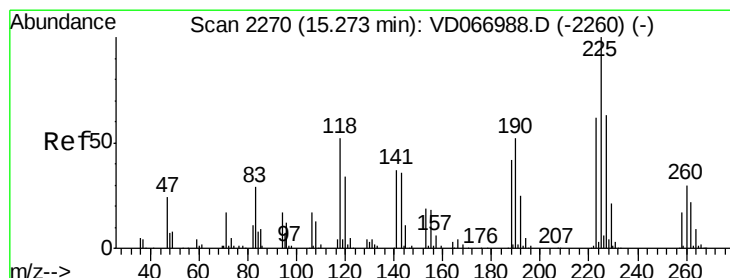
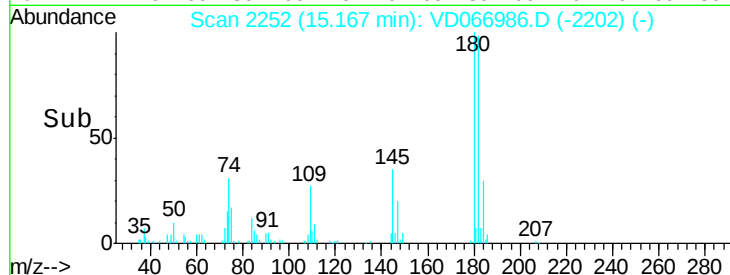
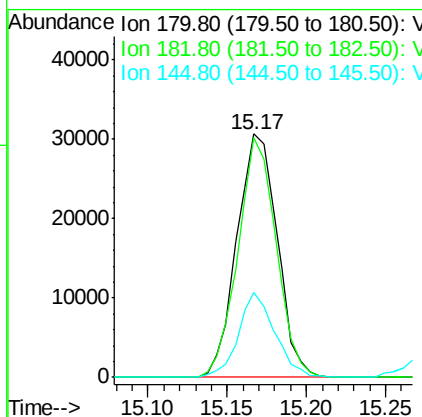
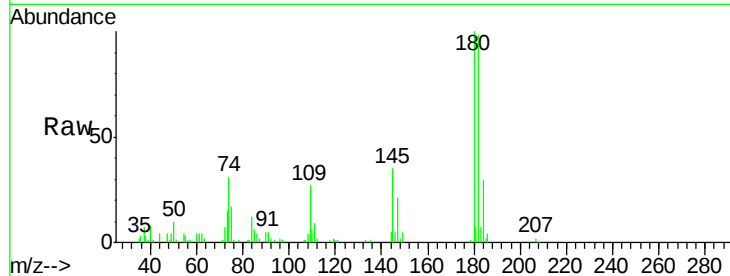
#93  
 1,2,4-Trichlorobenzene  
 Concen: 9.401 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.01 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.2  | 47.3  | 142.0 |
| 145     | 31.3  | 16.4  | 49.1  |

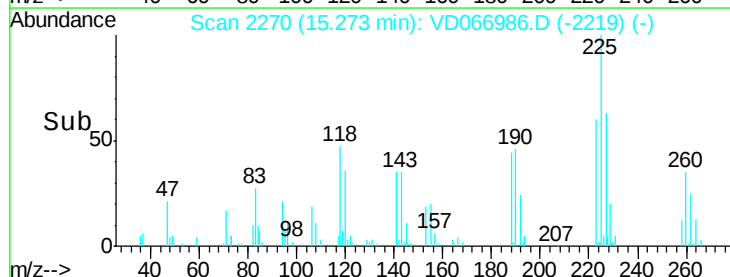
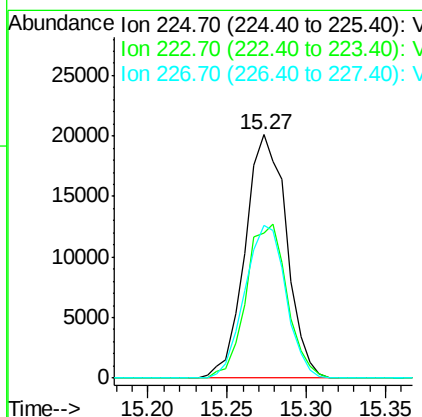
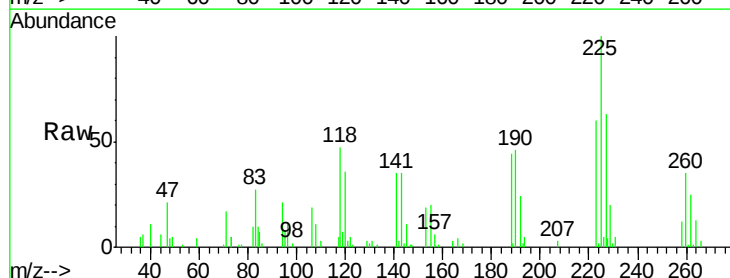
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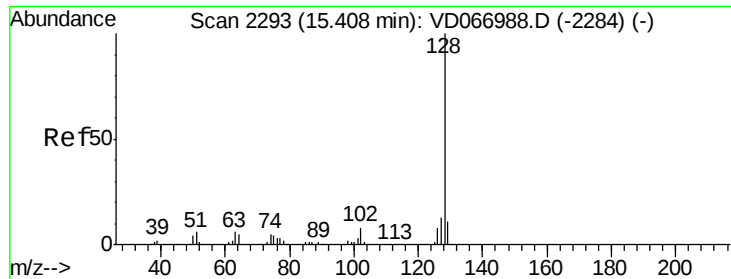
MMDadoda  
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#94  
 Hexachlorobutadiene  
 Concen: 10.287 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: VD066986.D  
 Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.5  | 32.4  | 97.0  |
| 227     | 62.2  | 31.6  | 95.0  |





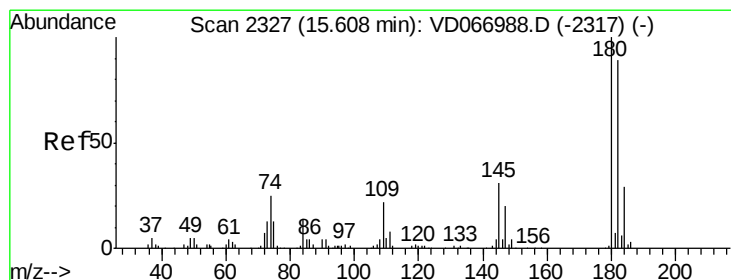
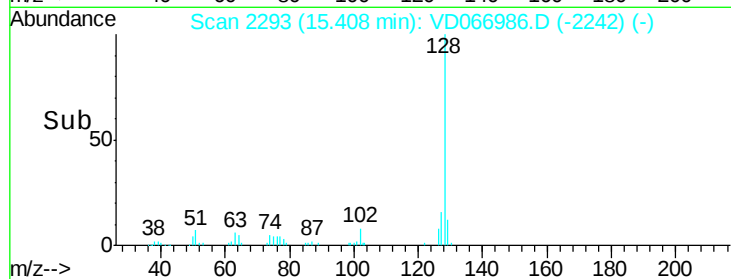
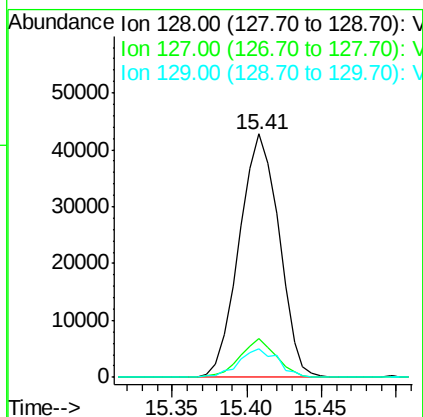
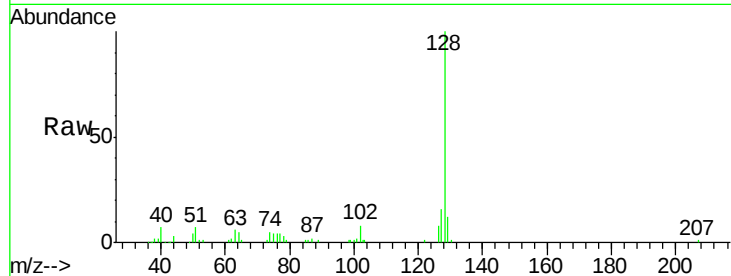
#95  
Naphthalene  
Concen: 8.220 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 14.5  | 10.3  | 15.5  |
| 129     | 11.4  | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 9.458 ug/l  
RT: 15.60 min Scan# 2326  
Delta R.T. -0.01 min  
Lab File: VD066986.D  
Acq: 01 Oct 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.8  | 46.4  | 139.1 |
| 145     | 34.7  | 16.6  | 49.7  |

