

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\  
 Data File : VD066013.D  
 Acq On : 22 Jul 2020 20:28  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 7/23/2020 2:14:38 PM

Quant Time: Jul 23 01:44:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072120S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 21 12:34:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 311038   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 486882   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 456803   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 237424   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 144549   | 57.11 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 114.22% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 149156   | 50.51 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.02% |      |
| 50) Toluene-d8            | 10.34  | 98  | 554639   | 50.42 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.84% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 197278   | 51.72 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.44% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 95115   | 40.295  | ug/l   | 96     |
| 3) Chloromethane              | 2.20 | 50  | 89195   | 46.304  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.35 | 62  | 81630   | 44.499  | ug/l   | 99     |
| 5) Bromomethane               | 2.77 | 94  | 63756   | 49.355  | ug/l   | 96     |
| 6) Chloroethane               | 2.92 | 64  | 53752   | 49.086  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 203970  | 45.714  | ug/l   | 95     |
| 8) Diethyl Ether              | 3.70 | 74  | 66119   | 53.611  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 123084  | 45.686  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.30 | 142 | 147776  | 53.541  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.21 | 59  | 37318   | 232.469 | ug/l # | 94     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 124972  | 48.595  | ug/l   | 96     |
| 13) Acrolein                  | 3.91 | 56  | 54459   | 255.397 | ug/l   | 99     |
| 14) Allyl chloride            | 4.71 | 41  | 206804  | 51.444  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.42 | 53  | 147235  | 279.437 | ug/l   | 99     |
| 16) Acetone                   | 4.16 | 43  | 109185  | 213.132 | ug/l   | 100    |
| 17) Carbon Disulfide          | 4.41 | 76  | 392408  | 47.041  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.71 | 43  | 63589   | 53.358  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73  | 300345  | 56.842  | ug/l   | 96     |
| 20) Methylene Chloride        | 4.96 | 84  | 158305  | 56.257  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 150361  | 51.732  | ug/l   | 96     |
| 22) Diisopropyl ether         | 6.36 | 45  | 428892  | 56.158  | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.31 | 43  | 1237827 | 287.385 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 249705  | 53.961  | ug/l   | 96     |
| 25) 2-Butanone                | 7.21 | 43  | 178033  | 261.905 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 195778  | 47.047  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 166781  | 54.196  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.55 | 49  | 111015  | 56.523  | ug/l   | 95     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 118460  | 282.440 | ug/l   | 97     |
| 30) Chloroform                | 7.71 | 83  | 262245  | 54.177  | ug/l   | 98     |
| 31) Cyclohexane               | 7.98 | 56  | 202877  | 44.563  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 229266  | 51.204  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 192079  | 46.225  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.29 | 43  | 82479   | 51.974  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 207756  | 46.079  | ug/l   | 97     |

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 7/23/2020 2:14:38 PM

Quant Time: Jul 23 01:44:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072120S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 21 12:34:13 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 225724   | 44.857   | ug/l   | 97       |
| 40) Benzene                    | 8.35  | 78   | 580804   | 49.961   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.52  | 41   | 51141    | 56.256   | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 167219   | 52.493   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 164037   | 52.924   | ug/l   | 98       |
| 44) Trichloroethene            | 9.11  | 130  | 169186   | 48.093   | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 142755   | 50.703   | ug/l   | 95       |
| 46) Dibromomethane             | 9.48  | 93   | 81614    | 53.847   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.66  | 83   | 207223   | 51.707   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.46  | 41   | 78700    | 50.338   | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 18040    | 1027.339 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 423621   | 271.259  | ug/l   | 100      |
| 52) Toluene                    | 10.41 | 92   | 395037   | 52.107   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 196009   | 52.498   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 233993   | 51.701   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 112939   | 52.539   | ug/l   | 94       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 138889   | 55.572   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 191454   | 53.801   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 307290   | 257.383  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 286945   | 265.143  | ug/l   | 96       |
| 60) Dibromochloromethane       | 11.14 | 129  | 154005   | 53.135   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 111898   | 53.989   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 146971   | 47.403   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.67 | 112  | 426322   | 50.972   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 162498   | 52.618   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.75 | 91   | 726641   | 50.484   | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.86 | 106  | 559681   | 101.167  | ug/l   | 100      |
| 69) o-Xylene                   | 12.18 | 106  | 263503   | 52.368   | ug/l   | 98       |
| 70) Styrene                    | 12.20 | 104  | 467909   | 54.122   | ug/l   | 99       |
| 71) Bromoform                  | 12.37 | 173  | 96756    | 53.487   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 710126   | 49.429   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.30 | 43   | 159979   | 53.707   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 120292   | 50.665   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 71732m   | 40.126   | ug/l   |          |
| 77) Bromobenzene               | 12.77 | 156  | 185061   | 50.404   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.83 | 91   | 814508   | 48.858   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 474463   | 49.816   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 601877   | 50.993   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 39672    | 50.923   | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 500798   | 49.816   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.23 | 119  | 516475   | 50.005   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 598635   | 51.408   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.41 | 105  | 688021   | 48.362   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 638533   | 49.404   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 339455   | 49.798   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 343994   | 49.918   | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.85 | 91   | 574781   | 47.828   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.12 | 117  | 127999   | 47.840   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 306167   | 51.832   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 20177    | 51.853   | ug/l   | 96       |

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Data File : VD066013.D  
Acq On : 22 Jul 2020 20:28  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

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7/23/2020 2:14:38 PM

Quant Time: Jul 23 01:44:44 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072120S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 21 12:34:13 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 221282   | 52.190 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 125084   | 47.719 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 382228   | 50.644 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 193177   | 52.409 | ug/l  | 99       |

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

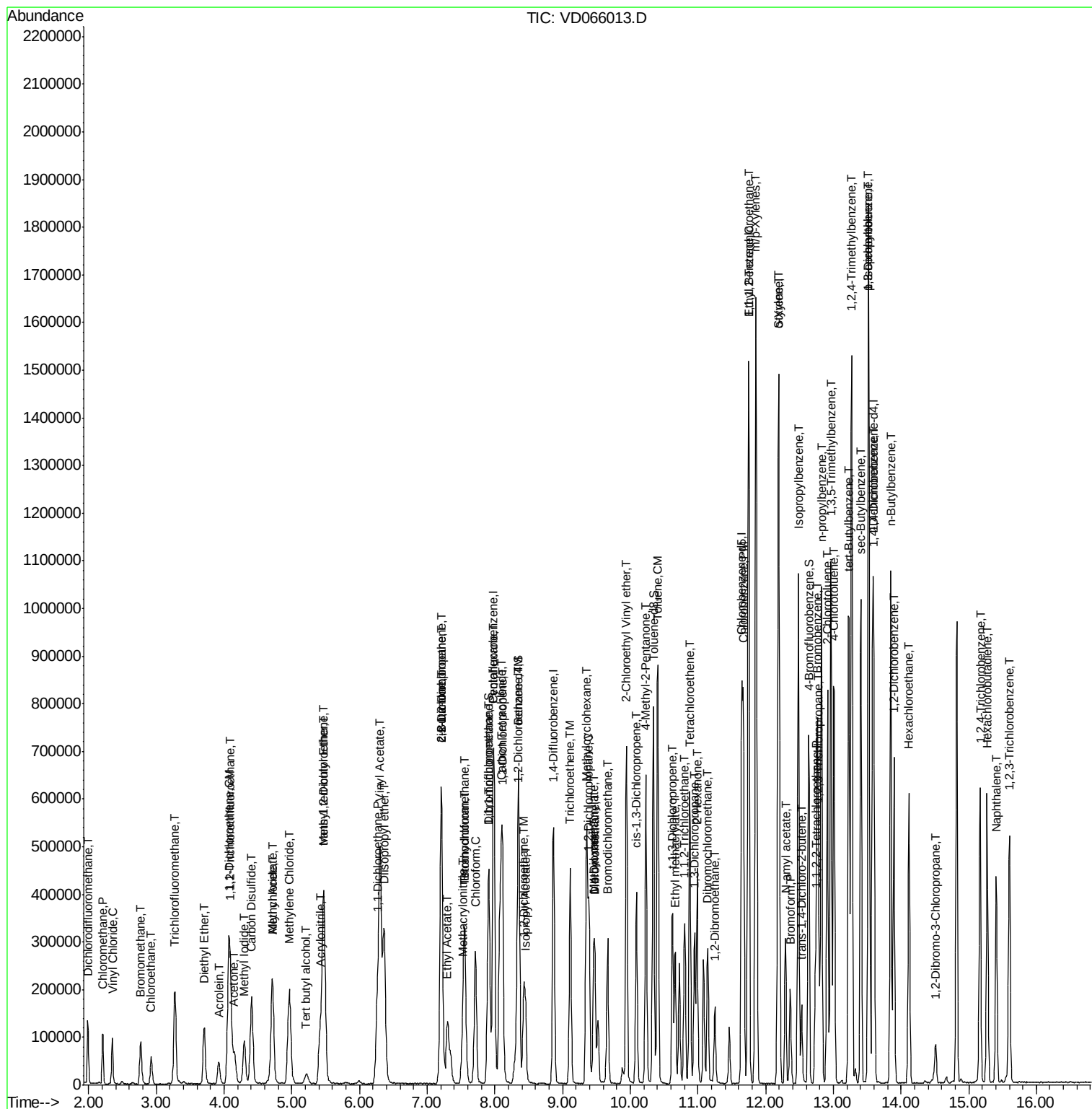
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Data File : VD066013.D  
Acq On : 22 Jul 2020 20:28  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 22 Sample Multiplier: 1

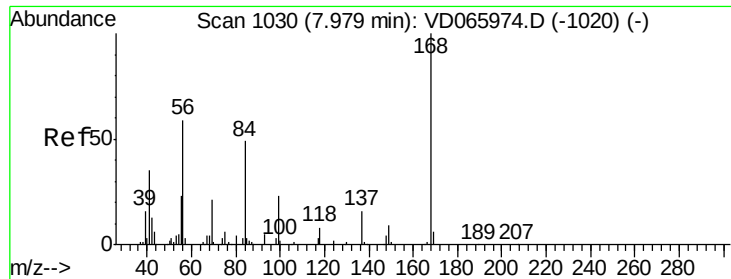
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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MMDadoda  
7/23/2020 2:14:38 PM

Quant Time: Jul 23 01:44:44 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D072120S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 21 12:34:13 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 311038

Ion Ratio Lower Upper

168 100

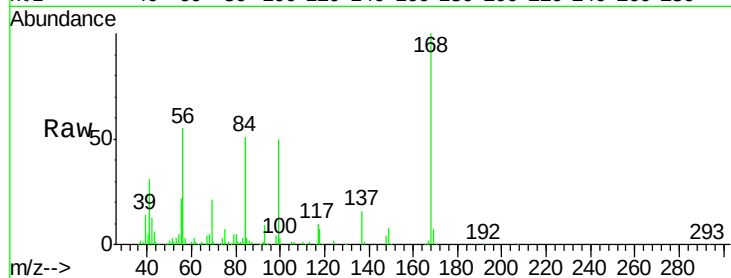
99 49.3 40.8 61.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

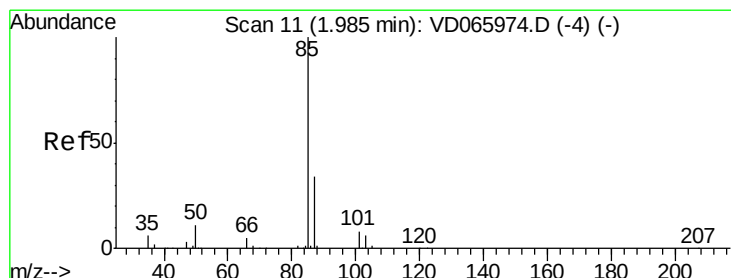
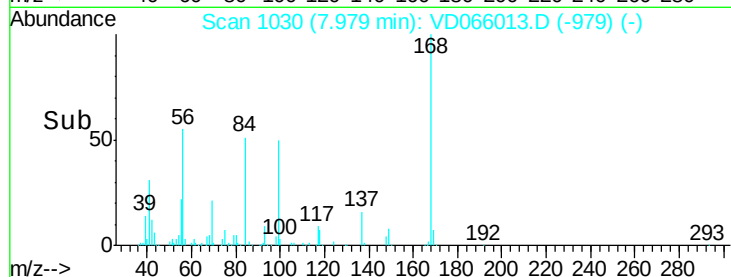
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50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 40.295 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066013.D

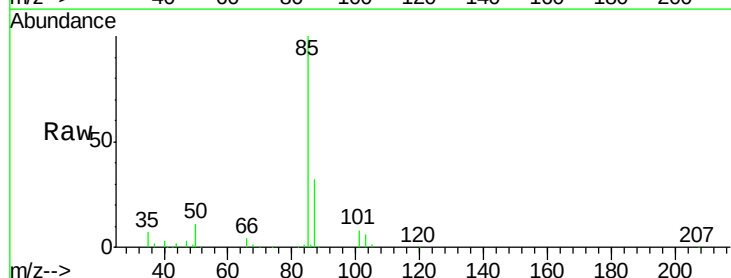
Acq: 22 Jul 2020 20:28

Tgt Ion: 85 Resp: 95115

Ion Ratio Lower Upper

85 100

87 32.2 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

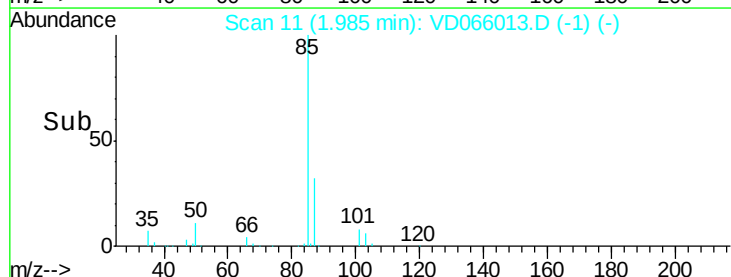
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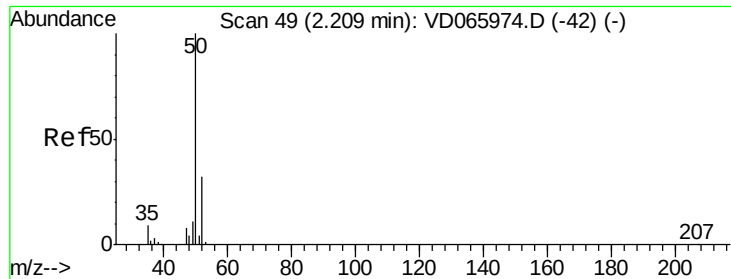
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1.90 1.95 2.00 2.05

Time-->





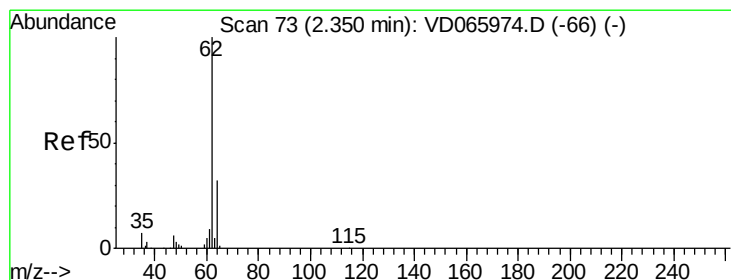
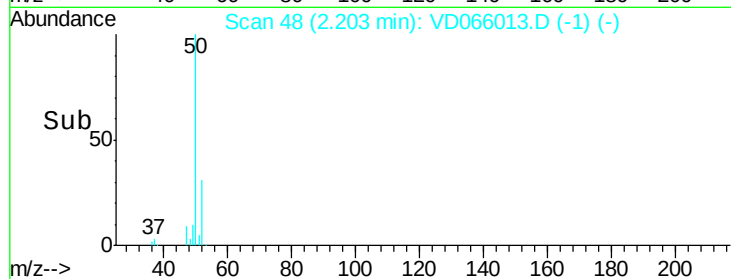
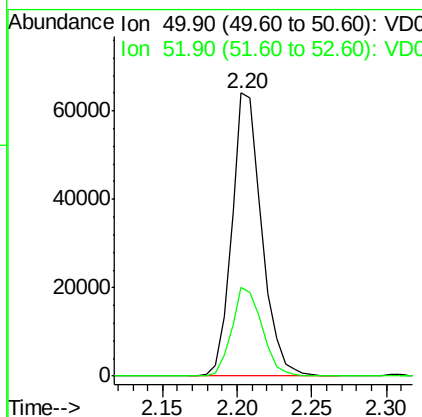
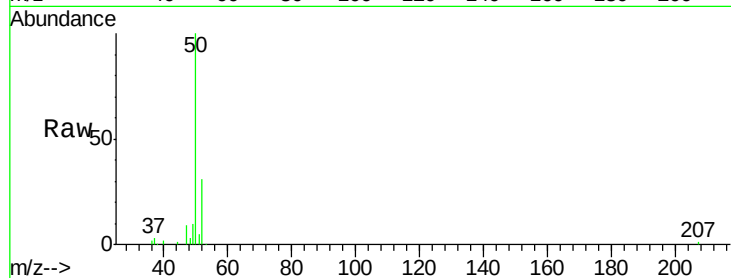
#3  
Chloromethane  
Concen: 46.304 ug/l  
RT: 2.20 min Scan# 48  
Delta R.T. -0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 50      | 100   |       |       |
| 52      | 31.2  | 25.8  | 38.8  |

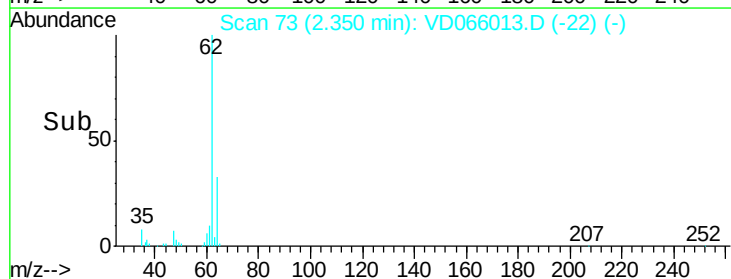
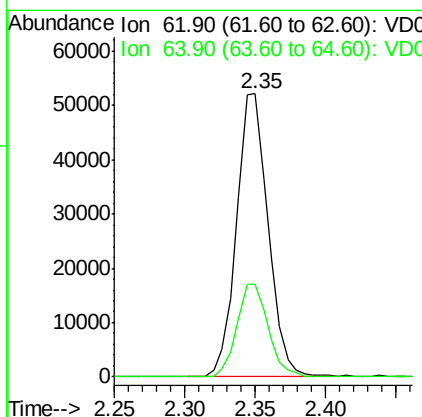
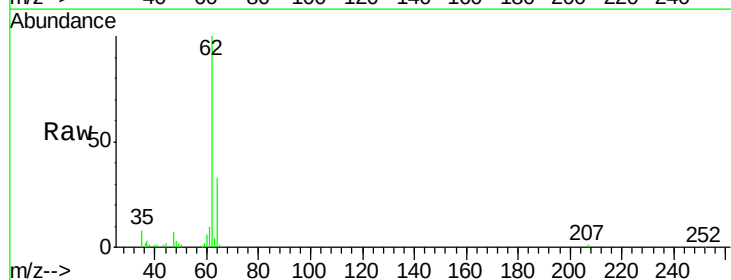
Manual Integrations  
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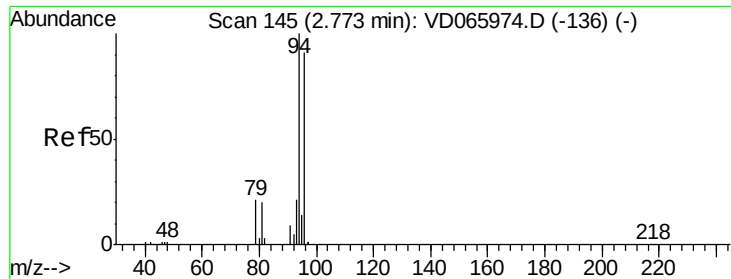
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7/23/2020 2:14:38 PM



#4  
Vinyl Chloride  
Concen: 44.499 ug/l  
RT: 2.35 min Scan# 73  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 64      | 32.9  | 25.8  | 38.8  |





#5

Bromomethane

Concen: 49.355 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 63756

Ion Ratio Lower Upper

94 100

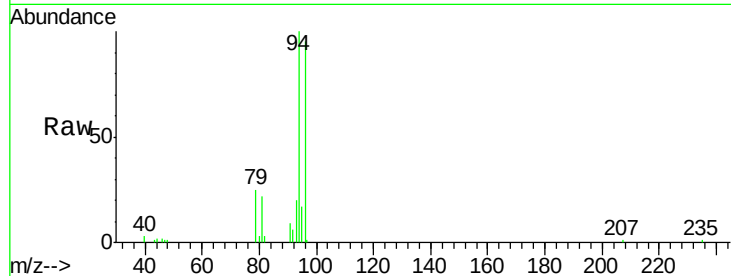
96 95.2 73.0 109.4

Manual Integrations

APPROVED

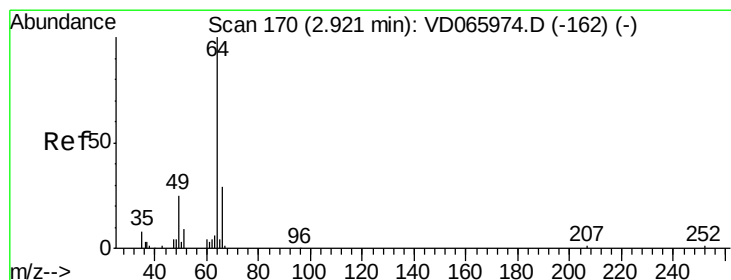
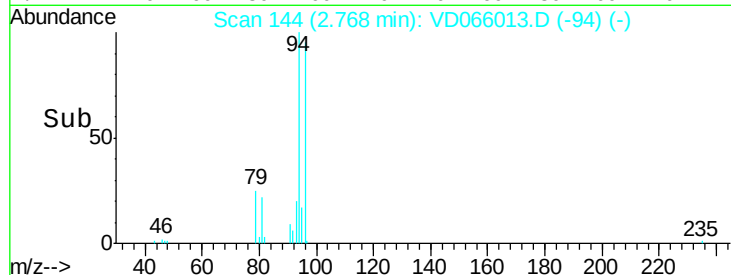
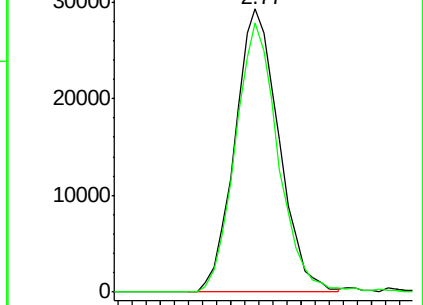
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.086 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066013.D

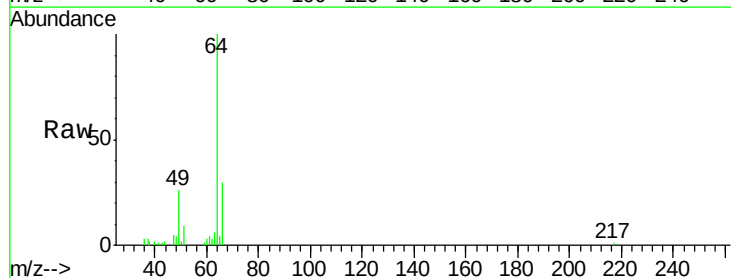
Acq: 22 Jul 2020 20:28

Tgt Ion: 64 Resp: 53752

Ion Ratio Lower Upper

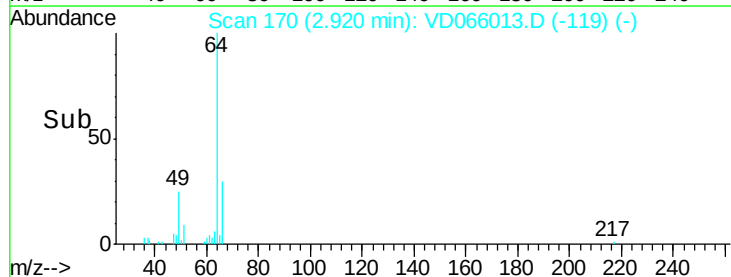
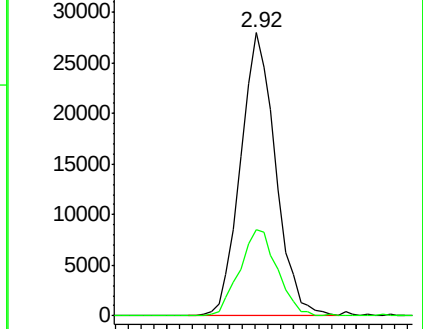
64 100

66 30.4 23.4 35.0

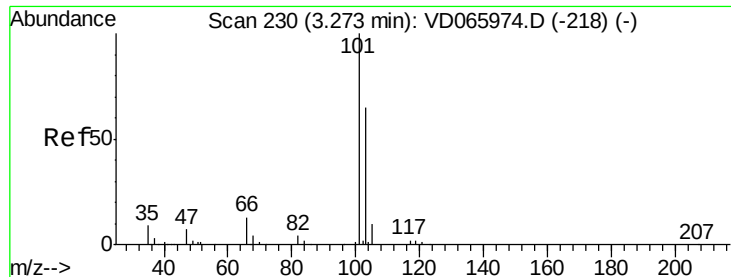


Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC







#7

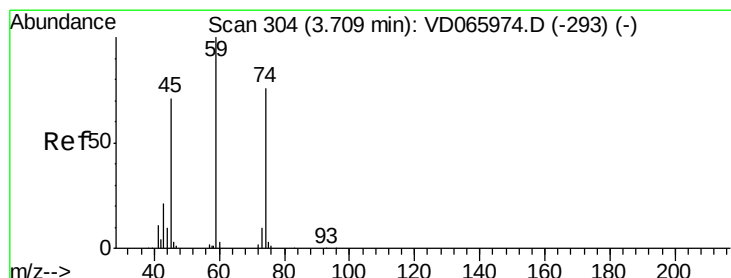
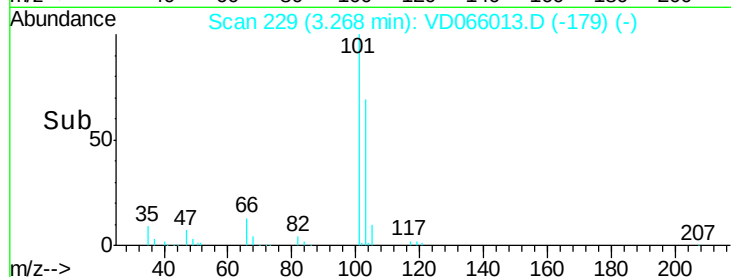
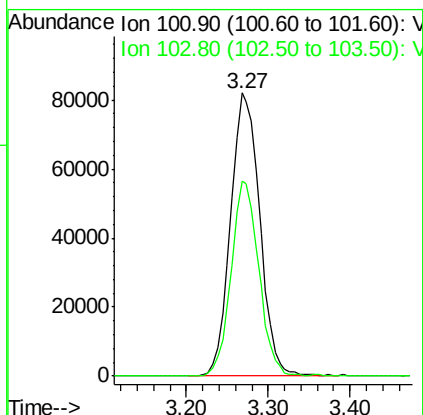
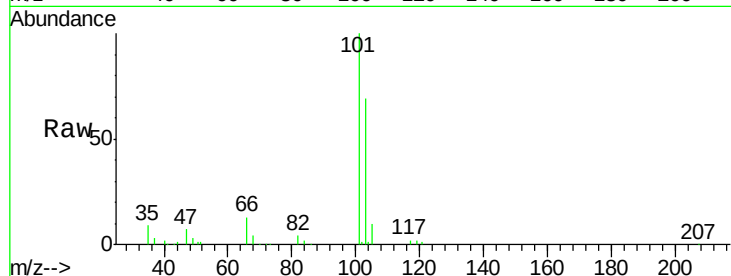
Trichlorofluoromethane  
Concen: 45.714 ug/l  
RT: 3.27 min Scan# 229  
Delta R.T. -0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 68.9  | 52.1  | 78.1  |

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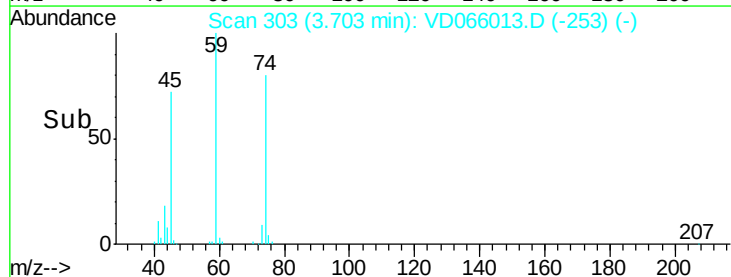
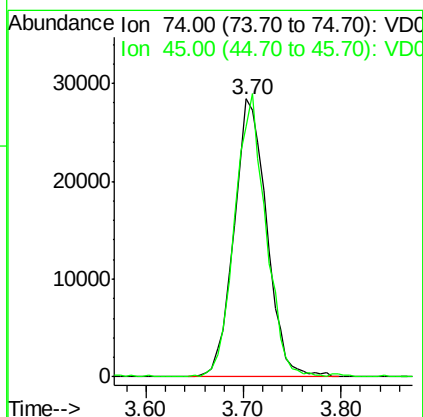
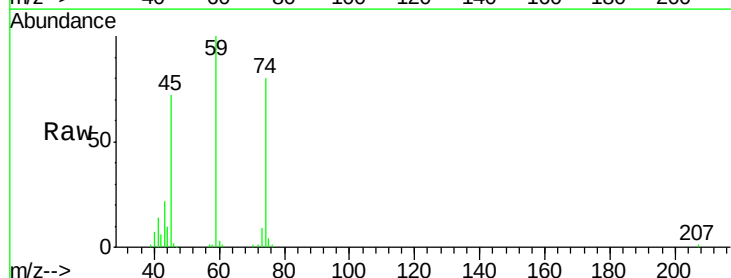
MMDadoda  
7/23/2020 2:14:38 PM



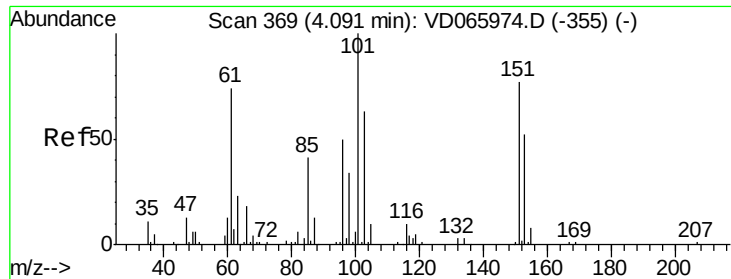
#8

Diethyl Ether  
Concen: 53.611 ug/l  
RT: 3.70 min Scan# 303  
Delta R.T. -0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 96.7  | 49.9  | 149.6 |







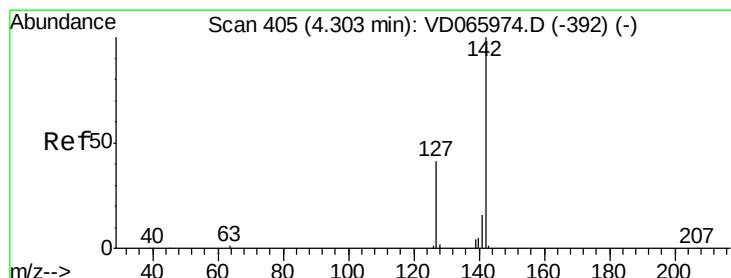
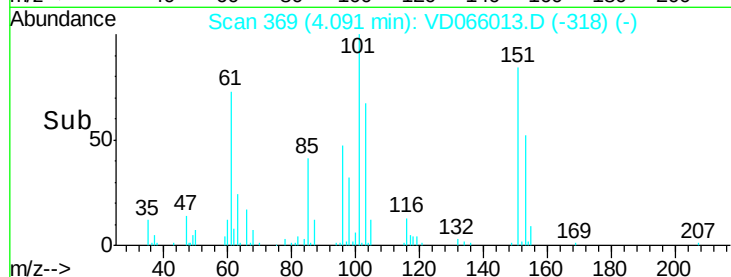
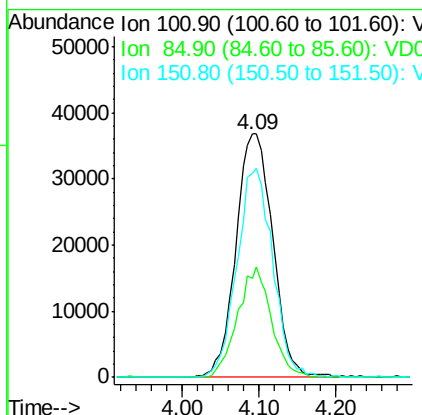
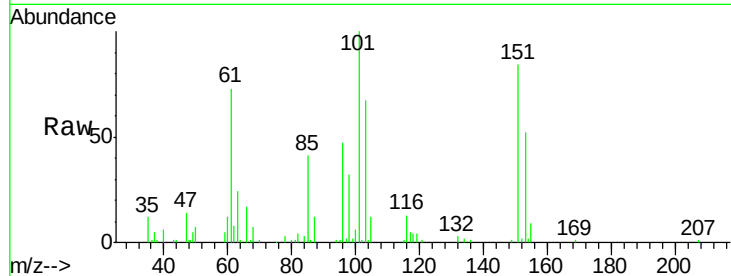
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.686 ug/l  
RT: 4.09 min Scan# 369  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 123084 |       |       |
| 85      | 41.4  | 33.6   | 50.4  |       |
| 151     | 83.5  | 66.6   | 99.8  |       |

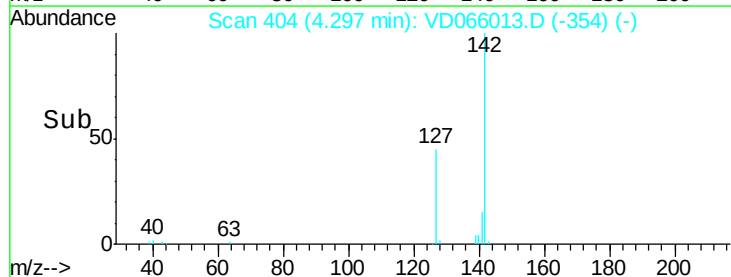
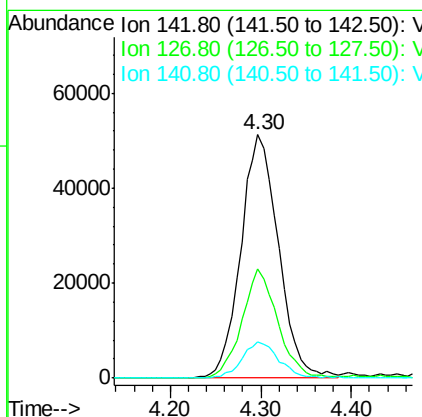
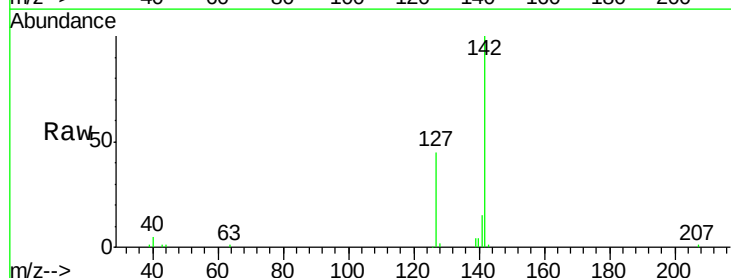
Manual Integrations  
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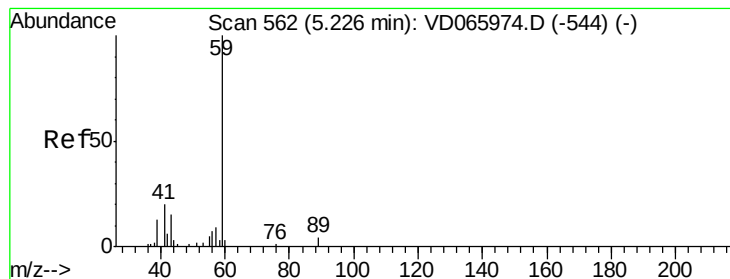
MMDadoda  
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#10  
Methyl Iodide  
Concen: 53.541 ug/l  
RT: 4.30 min Scan# 404  
Delta R.T. -0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 147776 |       |       |
| 127     | 42.5  | 32.9   | 49.3  |       |
| 141     | 14.5  | 11.8   | 17.6  |       |





#11

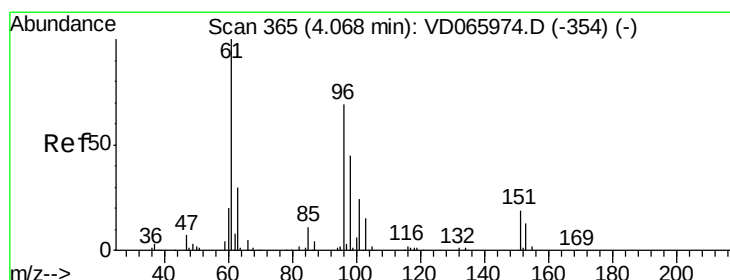
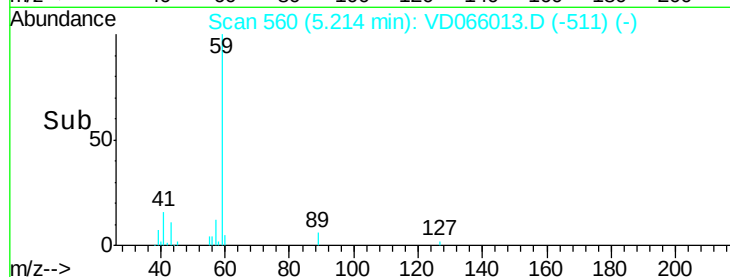
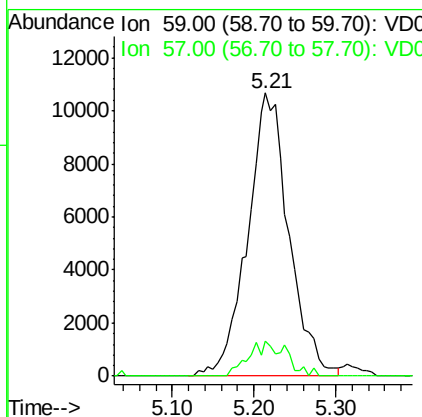
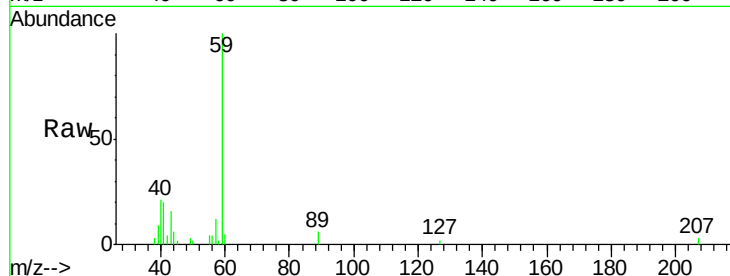
Tert butyl alcohol  
 Concen: 232.469 ug/l  
 RT: 5.21 min Scan# 560  
 Delta R.T. -0.01 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 59 Resp: 37318  
 Ion Ratio Lower Upper  
 59 100  
 57 7.5 4.5 6.7#

Manual Integrations  
 APPROVED

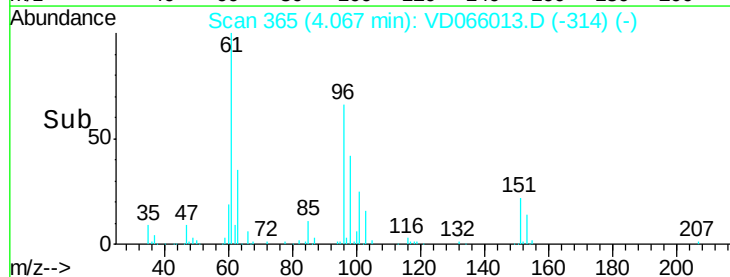
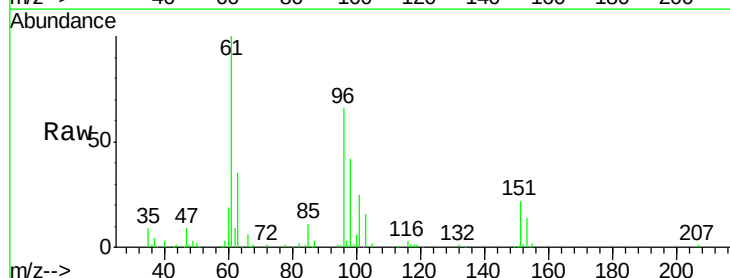
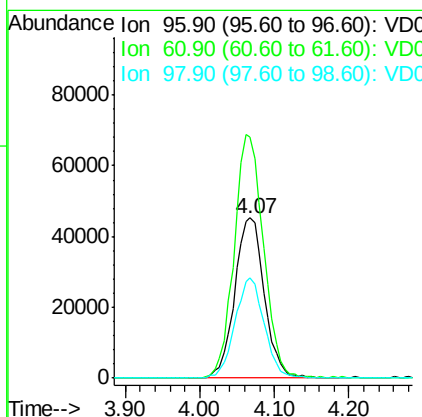
MMDadoda  
 7/23/2020 2:14:38 PM

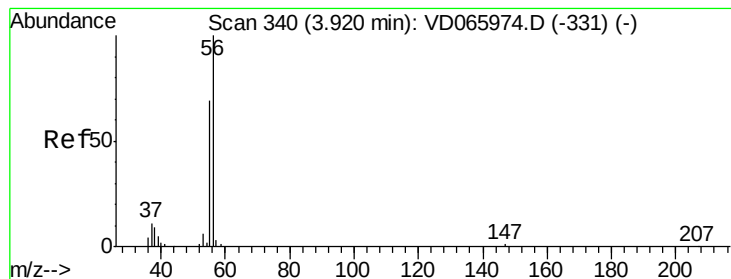


#12

1,1-Dichloroethene  
 Concen: 48.595 ug/l  
 RT: 4.07 min Scan# 365  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

Tgt Ion: 96 Resp: 124972  
 Ion Ratio Lower Upper  
 96 100  
 61 150.5 115.4 173.0  
 98 62.7 51.5 77.3





#13

Acrolein

Concen: 255.397 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 54459

Ion Ratio Lower Upper

56 100

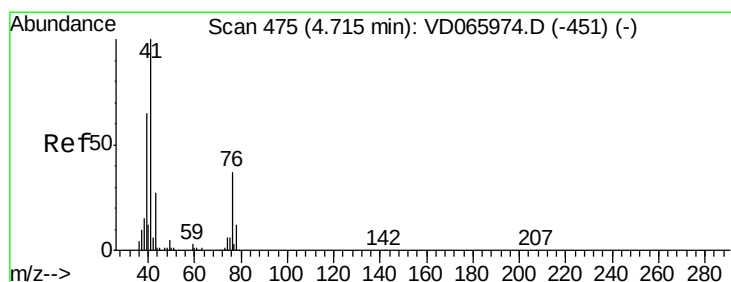
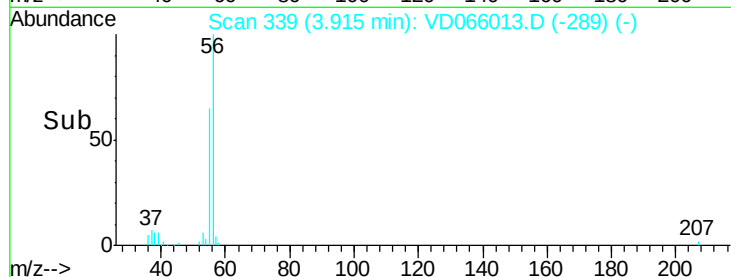
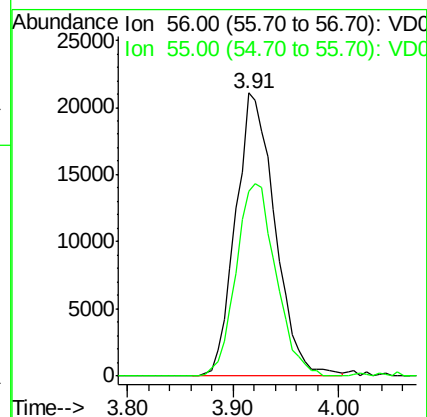
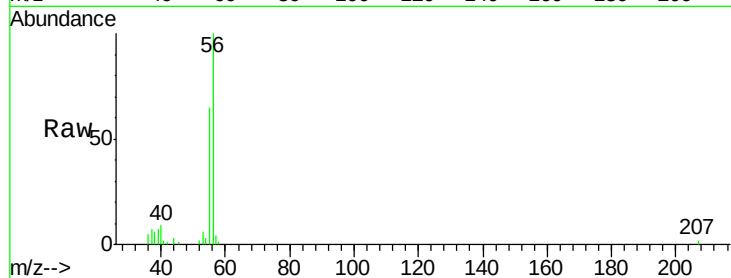
55 68.6 55.8 83.8

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#14

Allyl chloride

Concen: 51.444 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

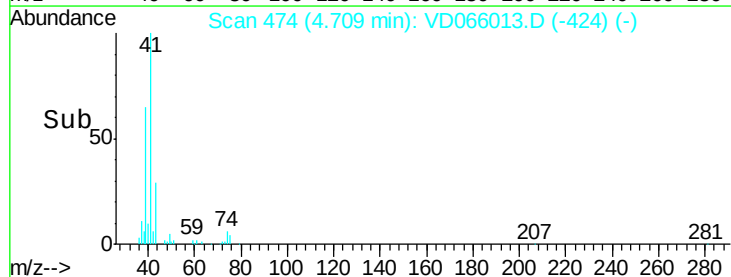
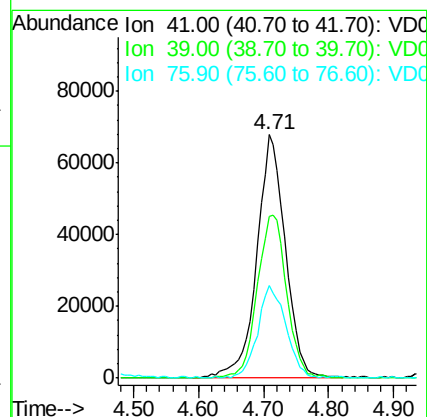
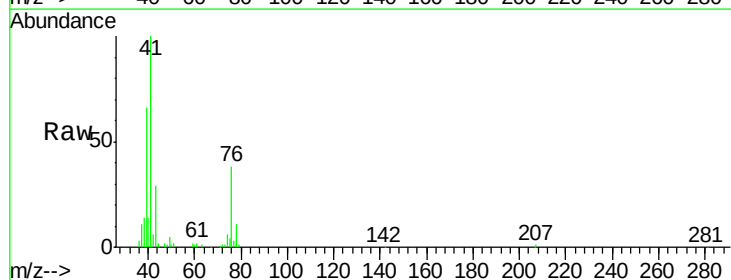
Tgt Ion: 41 Resp: 206804

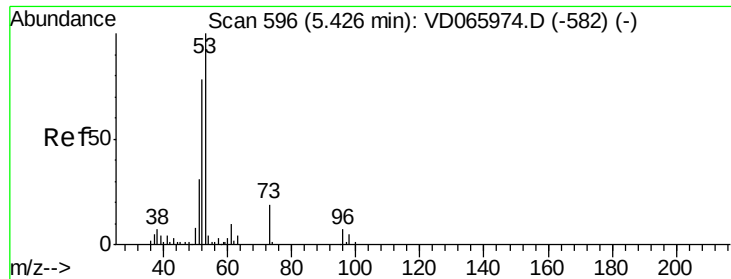
Ion Ratio Lower Upper

41 100

39 68.8 53.4 80.2

76 37.6 29.1 43.7





#15

Acrylonitrile

Concen: 279.437 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

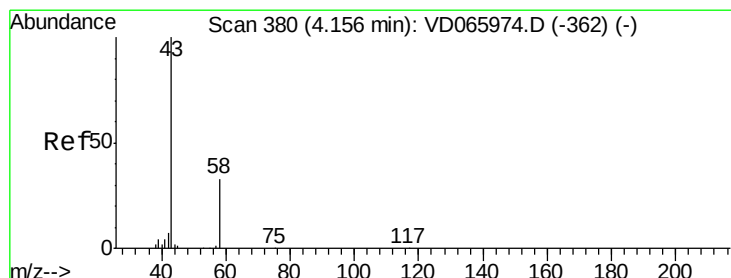
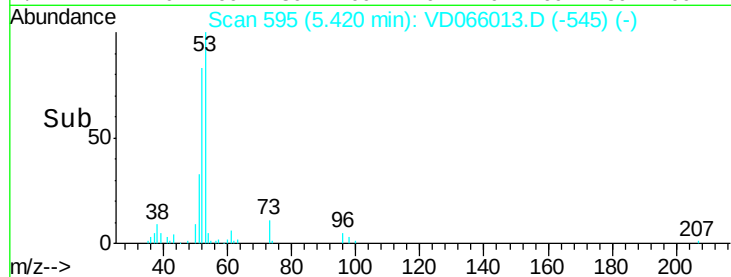
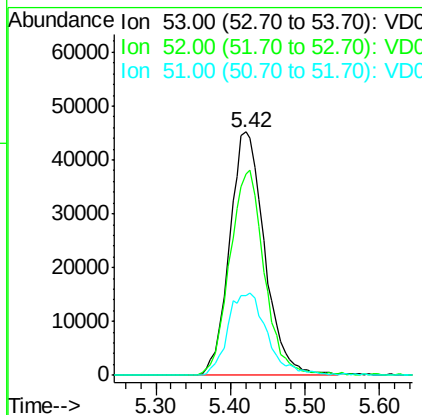
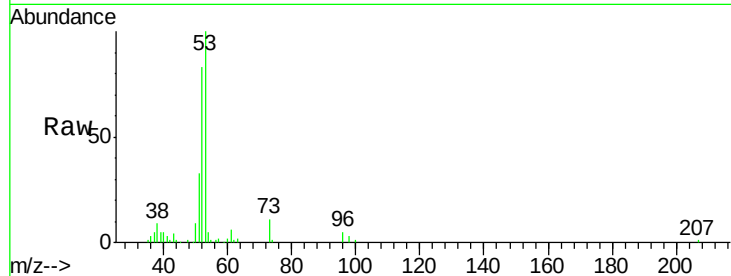
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 147235 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.4  | 67.1  | 100.7  |
| 51       | 37.7  | 28.7  | 43.1   |

Manual Integrations  
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#16

Acetone

Concen: 213.132 ug/l

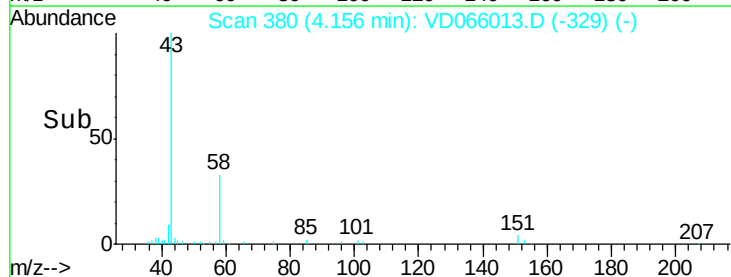
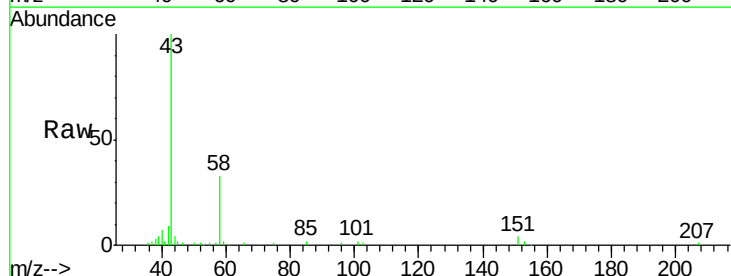
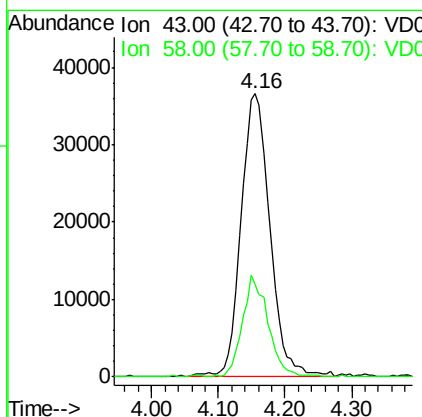
RT: 4.16 min Scan# 380

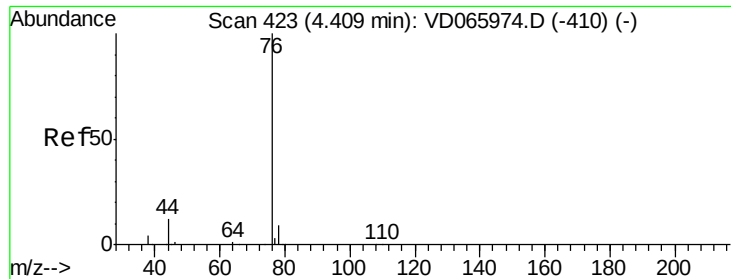
Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 109185 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 32.8  | 26.3  | 39.5   |





#17

Carbon Disulfide

Concen: 47.041 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 392408

Ion Ratio Lower Upper

76 100

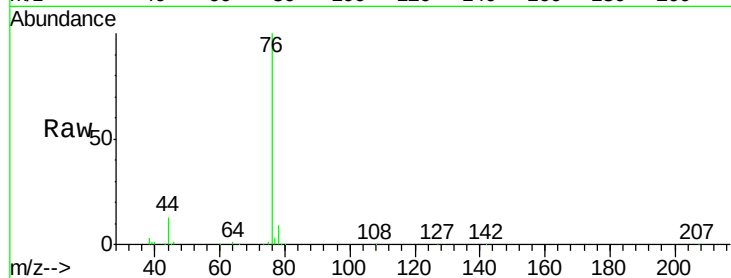
78 9.1 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

150000

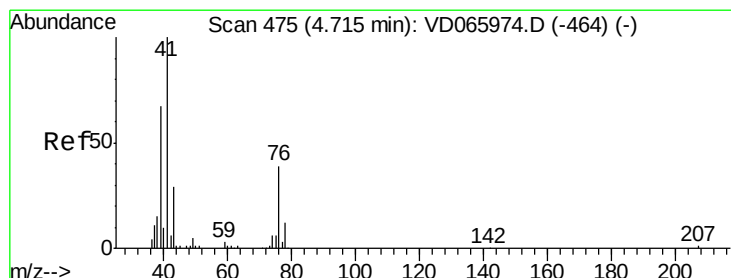
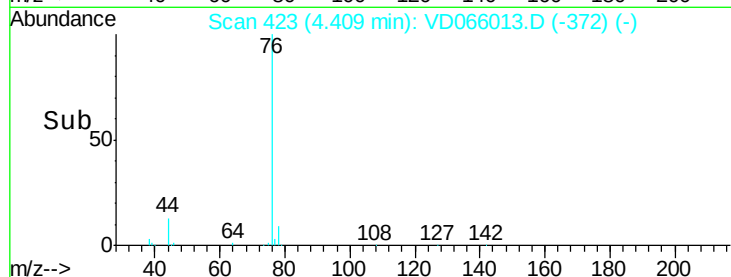
100000

50000

0

4.30 4.40 4.50 4.60

Time-->



#18

Methyl Acetate

Concen: 53.358 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066013.D

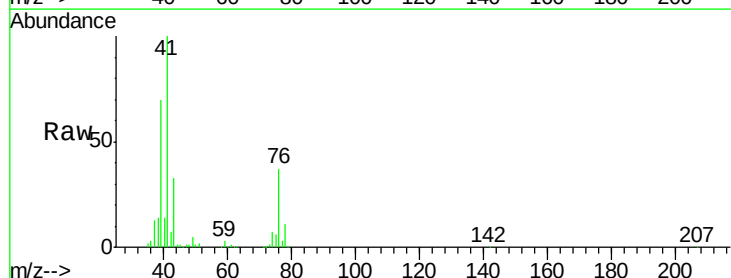
Acq: 22 Jul 2020 20:28

Tgt Ion: 43 Resp: 63589

Ion Ratio Lower Upper

43 100

74 25.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

25000

20000

15000

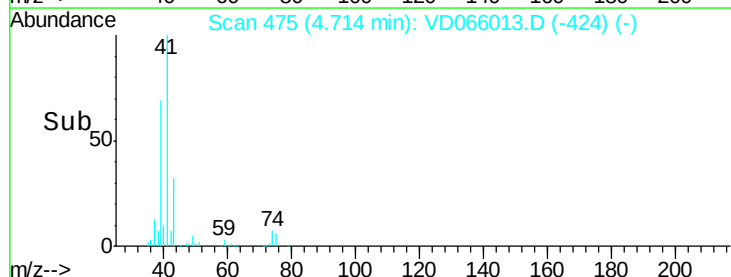
10000

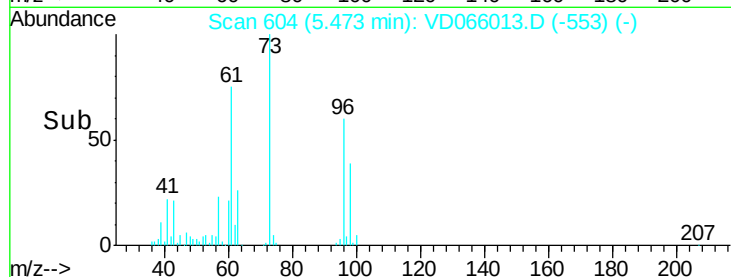
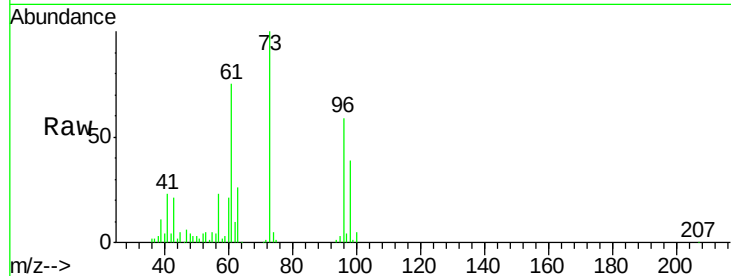
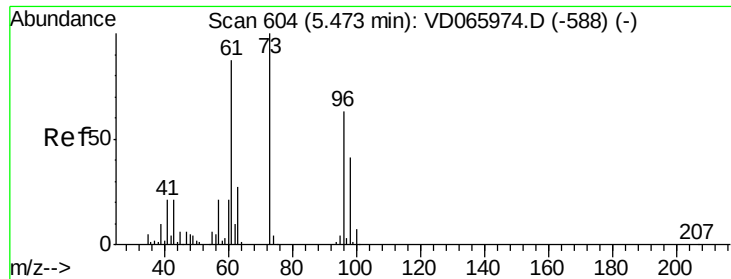
5000

0

4.60 4.70 4.80 4.90

Time-->





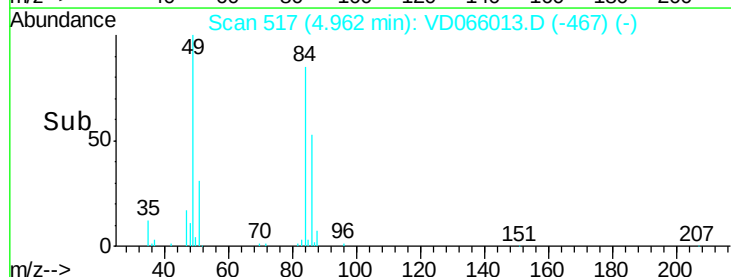
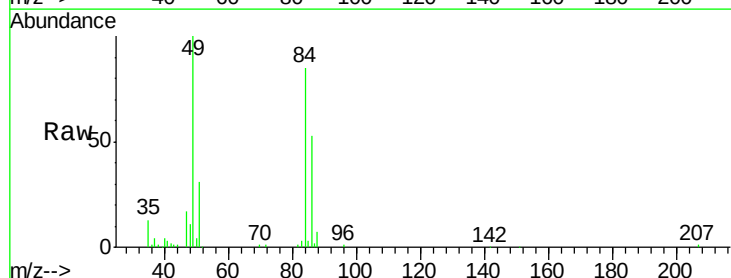
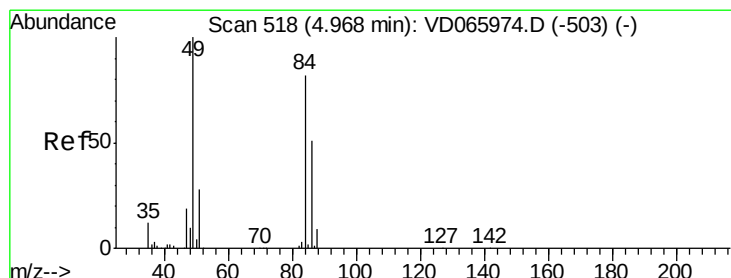
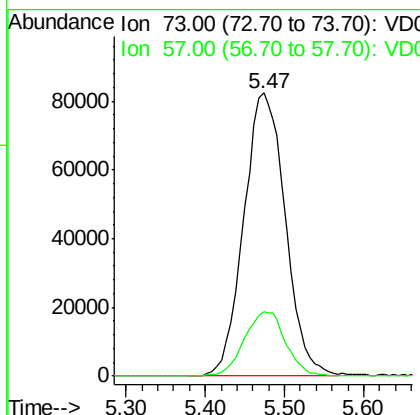
#19  
Methyl tert-butyl Ether  
Concen: 56.842 ug/l  
RT: 5.47 min Scan# 604  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Tot Ion: 73 Resp: 300345  
Ion Ratio Lower Upper  
73 100  
57 23.0 17.0 25.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

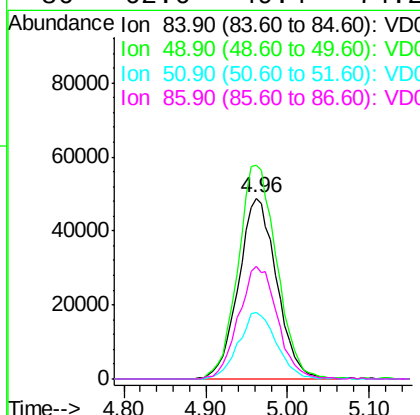
Manual Integrations  
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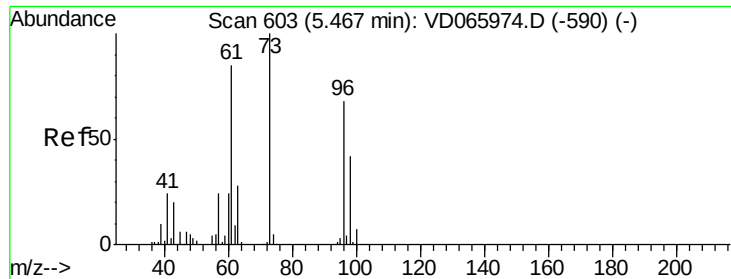
MMDadoda  
7/23/2020 2:14:38 PM



#20  
Methylene Chloride  
Concen: 56.257 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. -0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Tgt Ion: 84 Resp: 158305  
Ion Ratio Lower Upper  
84 100  
49 118.2 97.7 146.5  
51 36.8 27.4 41.2  
86 62.6 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 51.732 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

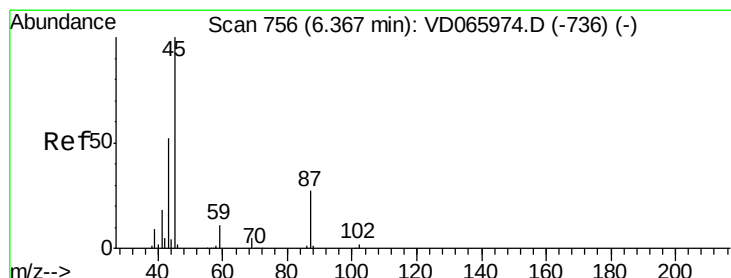
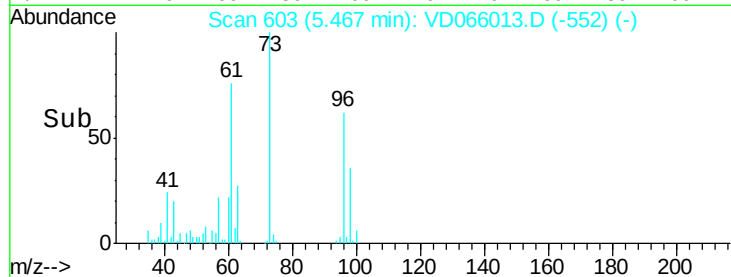
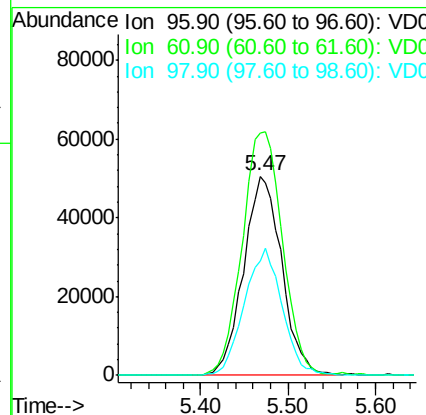
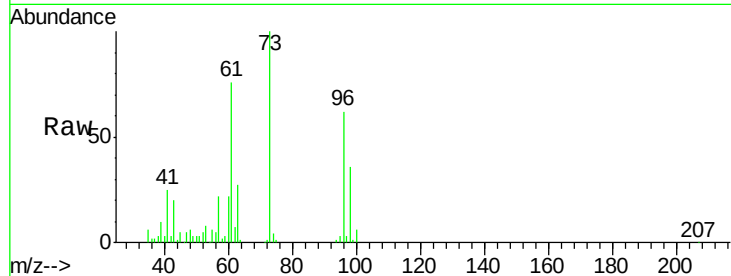
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 150361 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 121.9 | 100.5 | 150.7  |
| 98       | 57.5  | 49.7  | 74.5   |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 56.158 ug/l

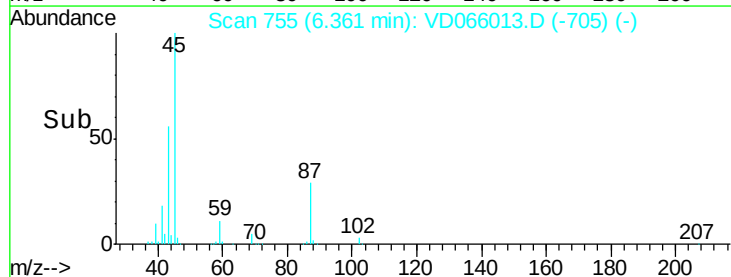
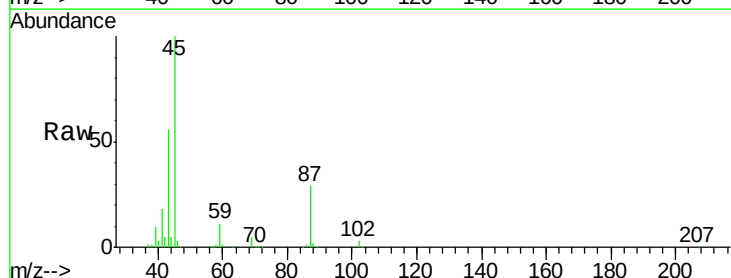
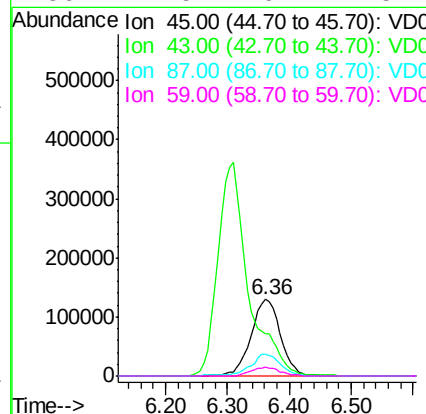
RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

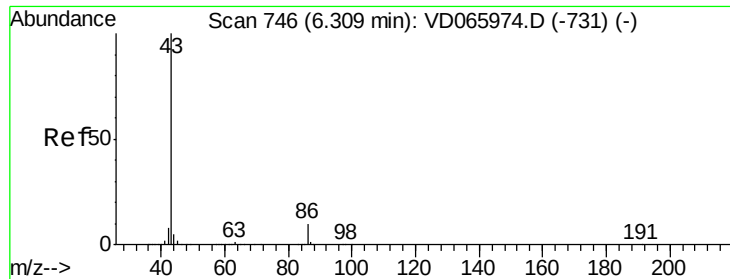
Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 428892 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 55.2  | 43.0  | 64.4   |
| 87       | 28.5  | 22.0  | 33.0   |
| 59       | 11.5  | 9.1   | 13.7   |







#23

Vinyl Acetate

Concen: 287.385 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1237827

Ion Ratio Lower Upper

43 100

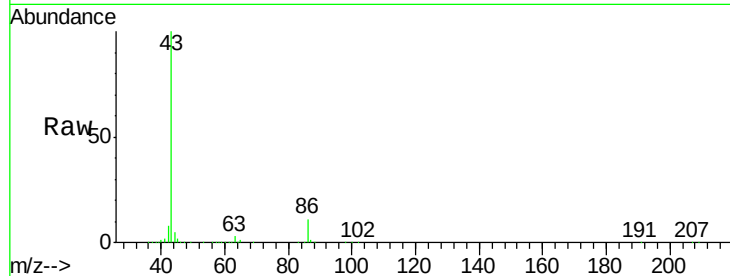
86 11.0 7.9 11.9

Manual Integrations

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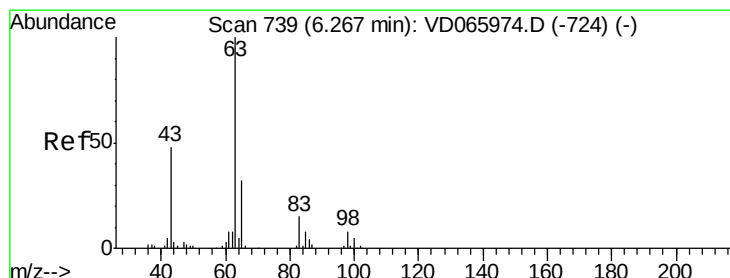
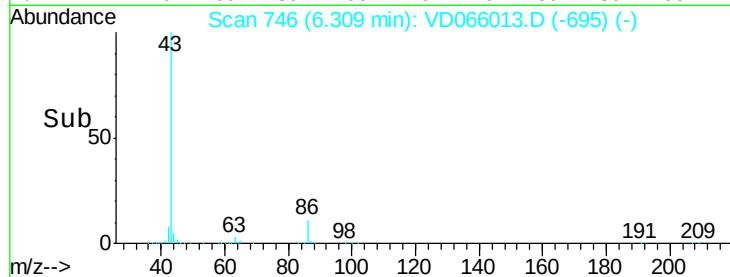
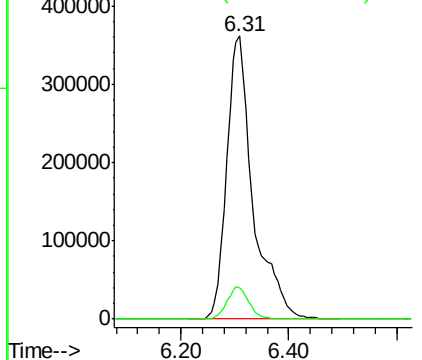
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.961 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

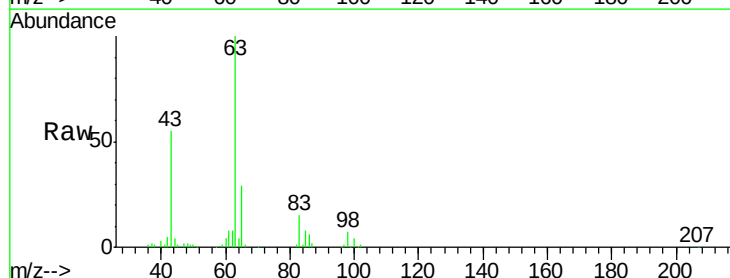
Tgt Ion: 63 Resp: 249705

Ion Ratio Lower Upper

63 100

98 6.6 4.3 12.8

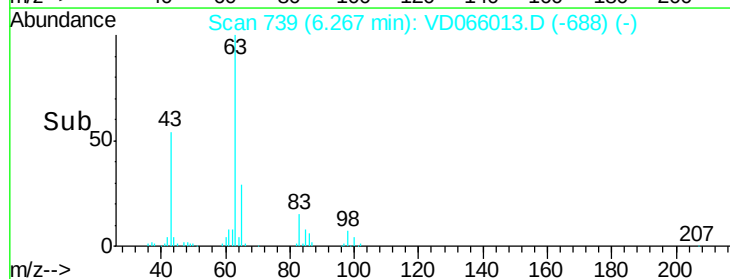
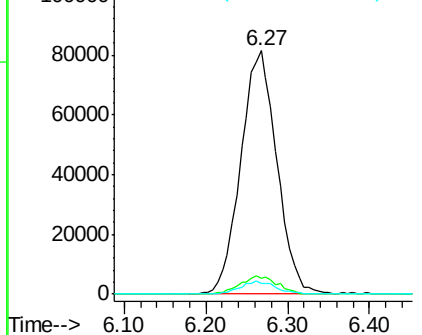
100 4.3 2.5 7.5

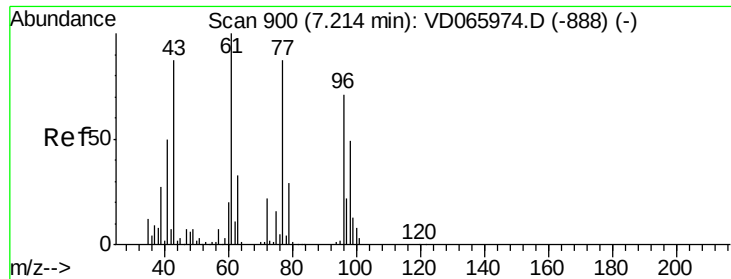


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 261.905 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 178033

Ion Ratio Lower Upper

43 100

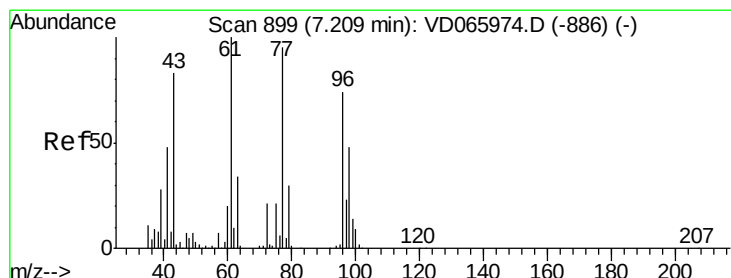
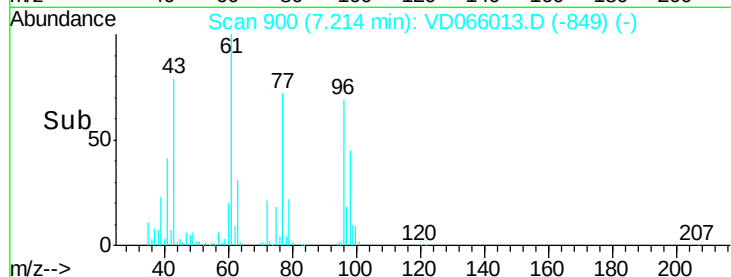
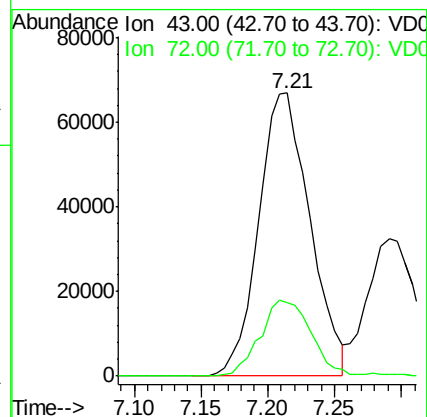
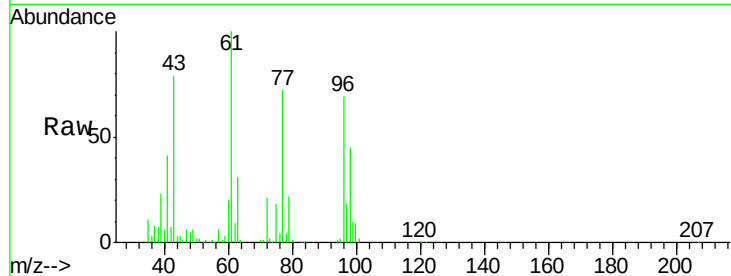
72 26.0 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.047 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066013.D

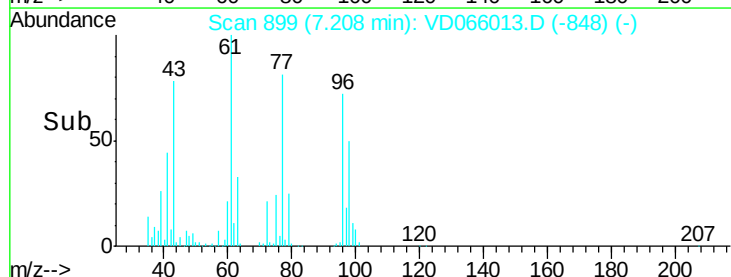
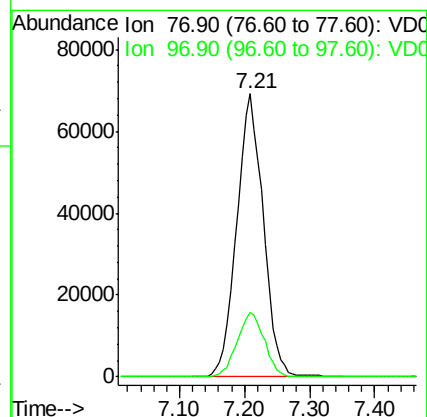
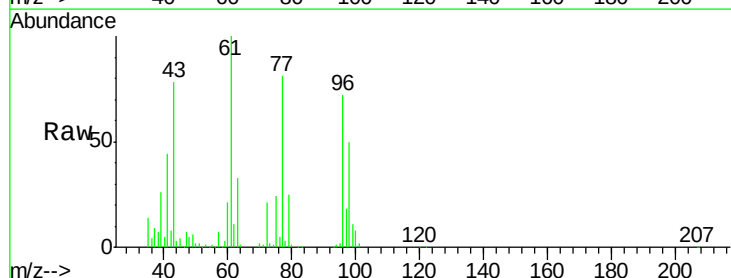
Acq: 22 Jul 2020 20:28

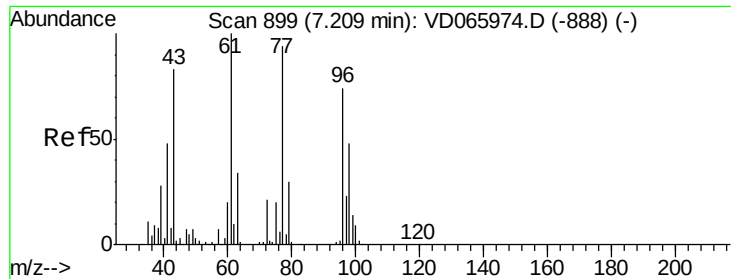
Tgt Ion: 77 Resp: 195778

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.7





#27

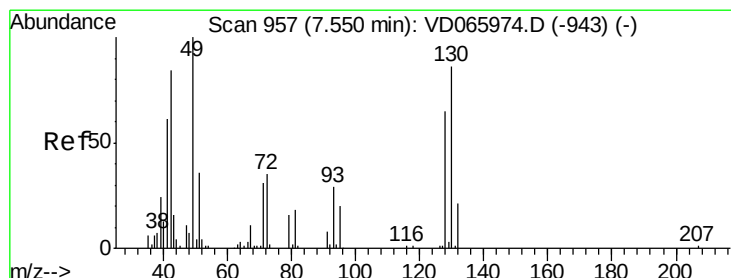
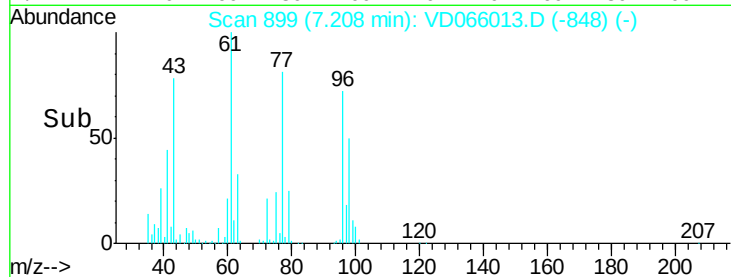
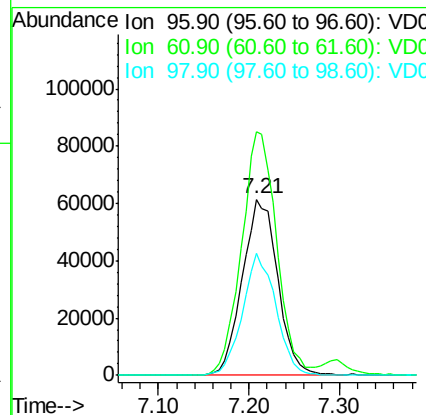
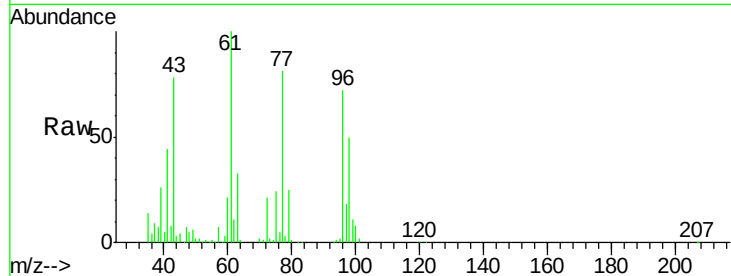
cis-1,2-Dichloroethene  
Concen: 54.196 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 136.6 | 0.0   | 276.6 |
| 98      | 65.2  | 0.0   | 130.8 |

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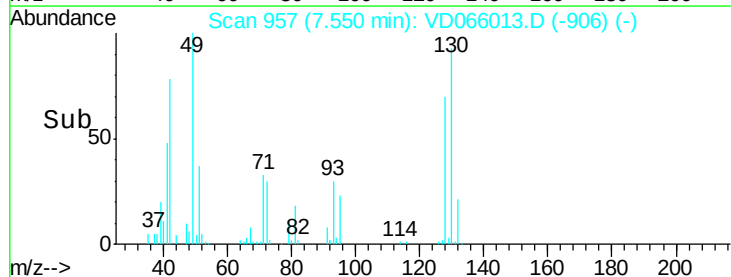
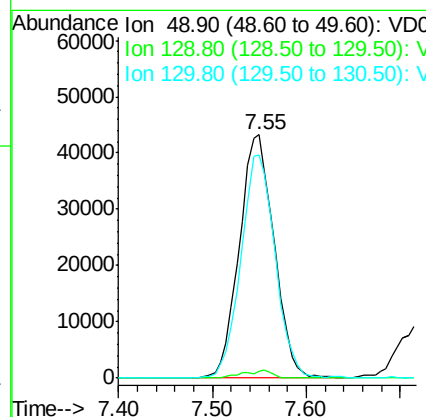
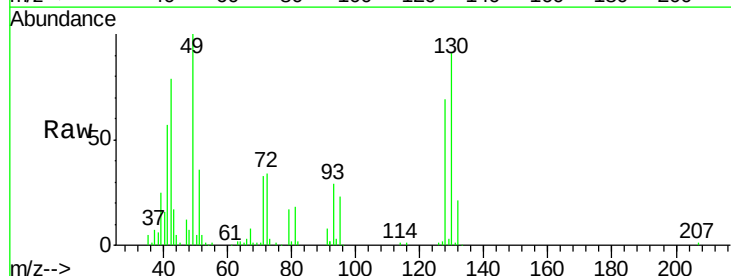
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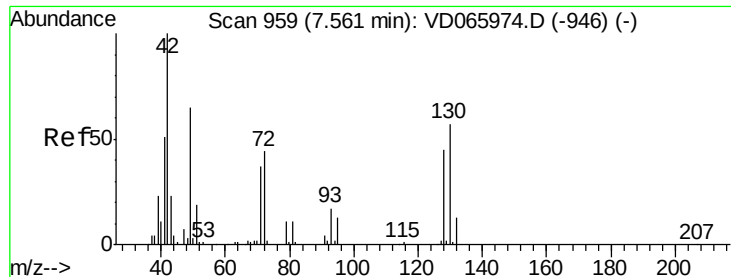


#28

Bromochloromethane  
Concen: 56.523 ug/l  
RT: 7.55 min Scan# 957  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.5   | 0.0   | 4.8   |
| 130     | 90.1  | 68.4  | 102.6 |





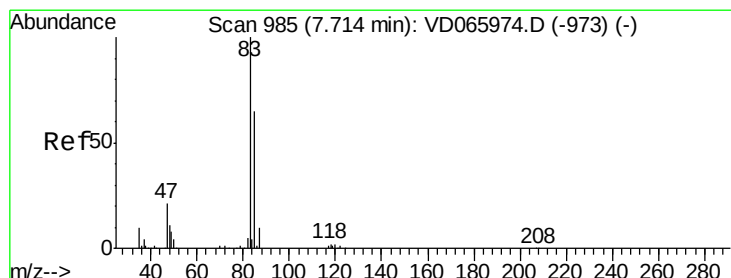
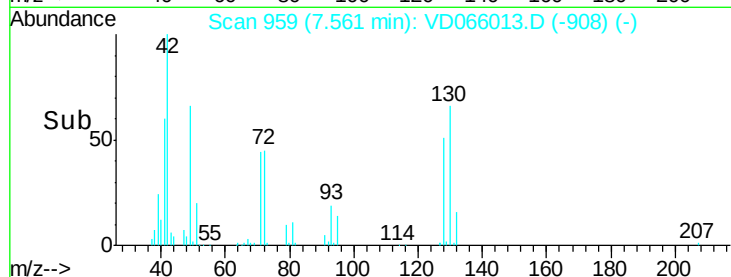
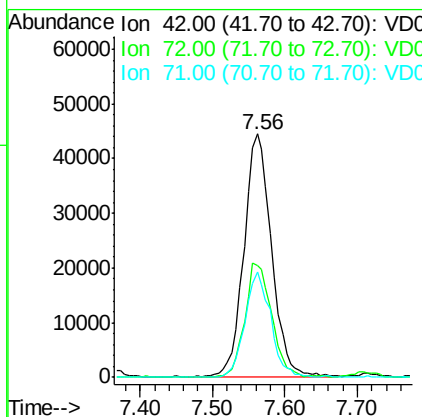
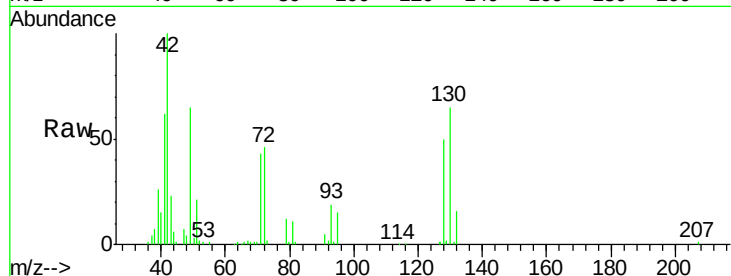
#29  
Tetrahydrofuran  
Concen: 282.440 ug/l  
RT: 7.56 min Scan# 959  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.1  | 34.2  | 51.2  |
| 71      | 40.0  | 31.4  | 47.2  |

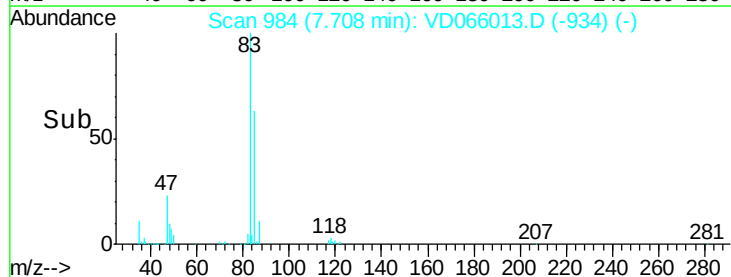
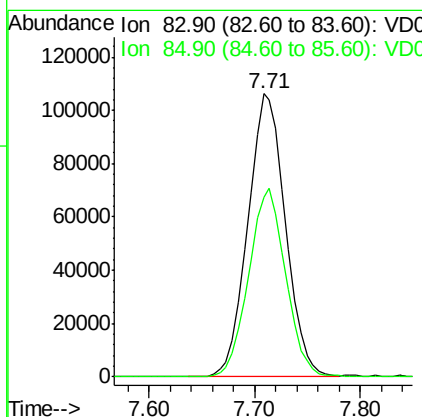
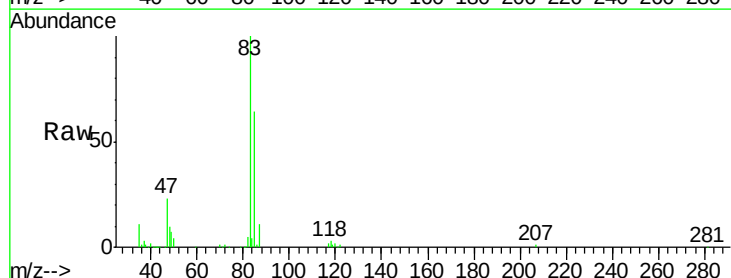
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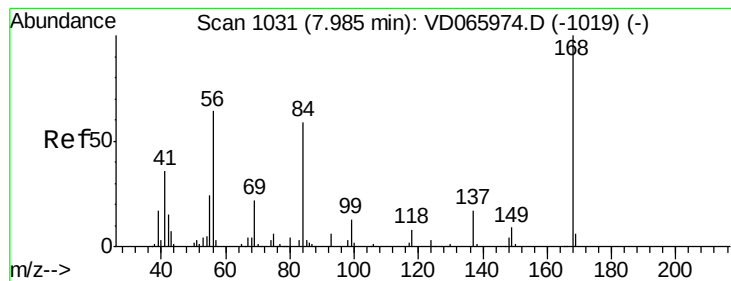
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#30  
Chloroform  
Concen: 54.177 ug/l  
RT: 7.71 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.5  | 52.1  | 78.1  |





#31

Cyclohexane

Concen: 44.563 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

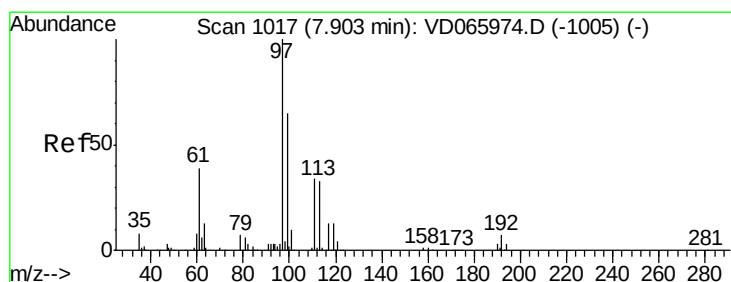
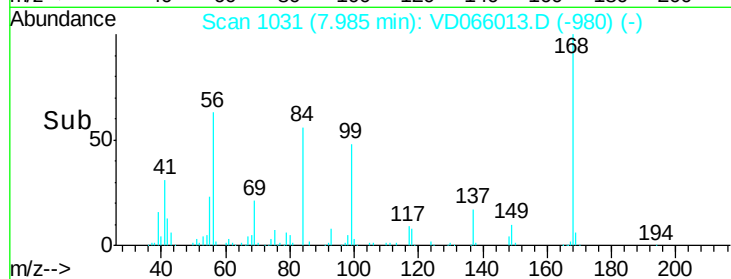
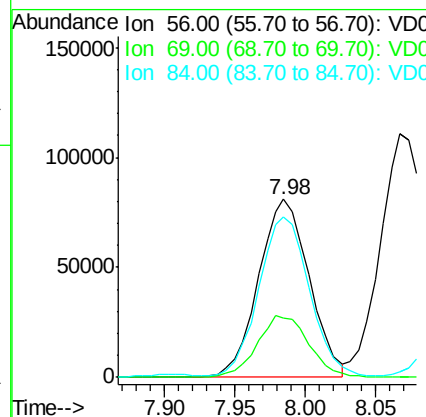
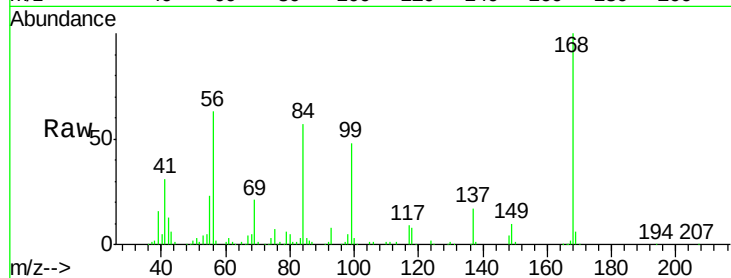
ClientSampleId :

VSTDCCC050EC

| Tot Ion   | 56    | Resp  | 202877 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 33.1  | 28.0  | 42.0   |
| 84        | 89.2  | 72.6  | 109.0  |

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#32

1,1,1-Trichloroethane

Concen: 51.204 ug/l

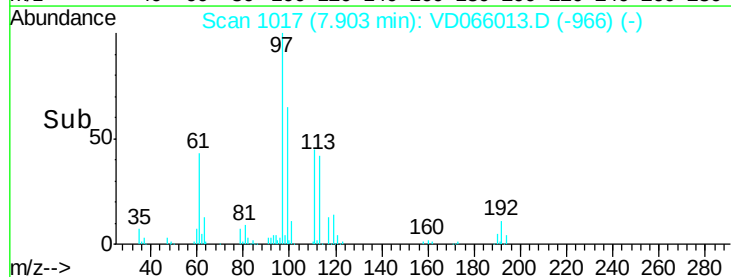
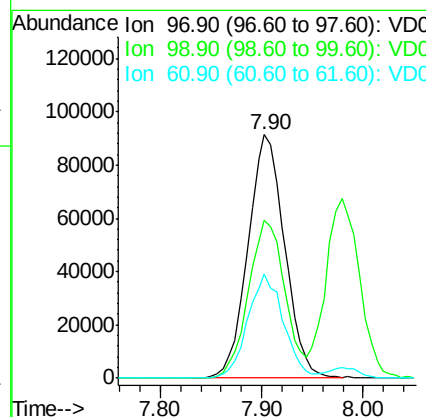
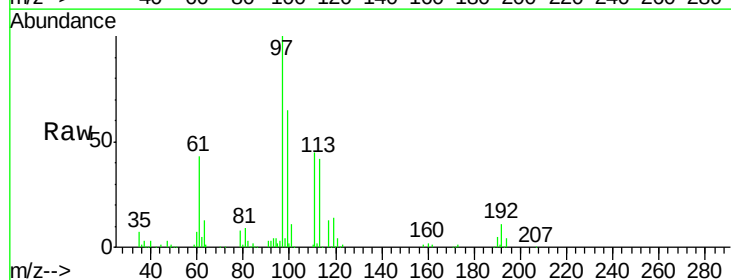
RT: 7.90 min Scan# 1017

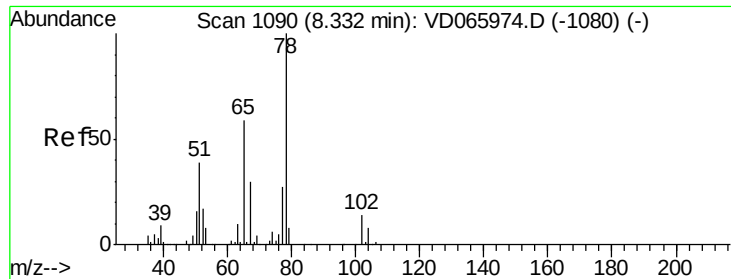
Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

| Tgt Ion   | 97    | Resp  | 229266 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 65.1  | 51.8  | 77.6   |
| 61        | 41.6  | 33.3  | 49.9   |





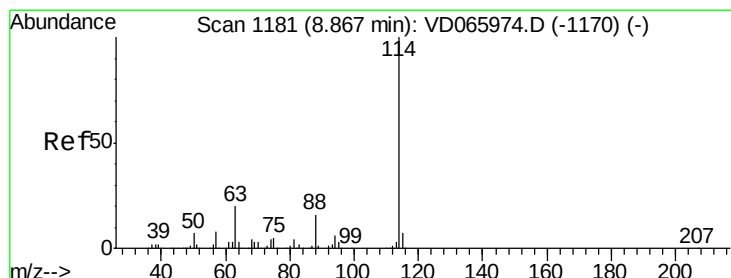
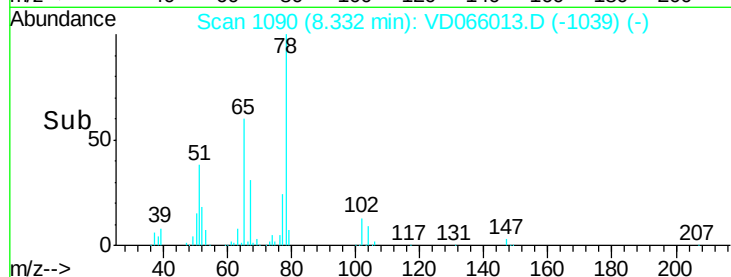
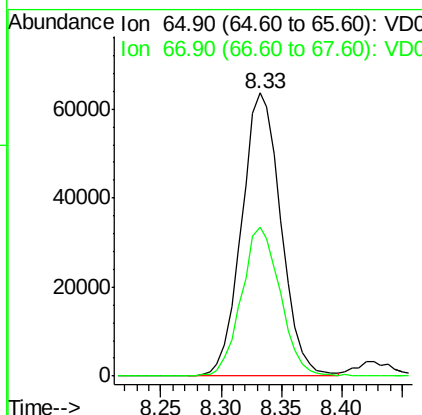
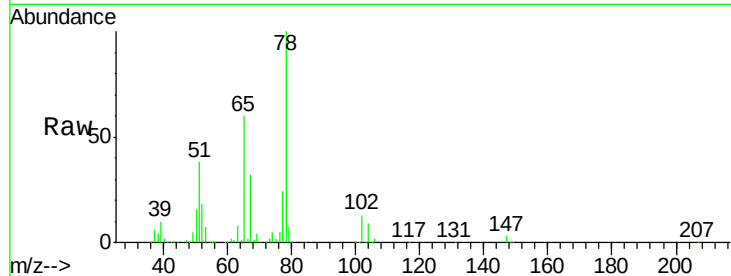
#33  
 1,2-Dichloroethane-d4  
 Concen: 57.114 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 144549 |       |       |
| 67      | 52.0  | 0.0    | 105.0 |       |

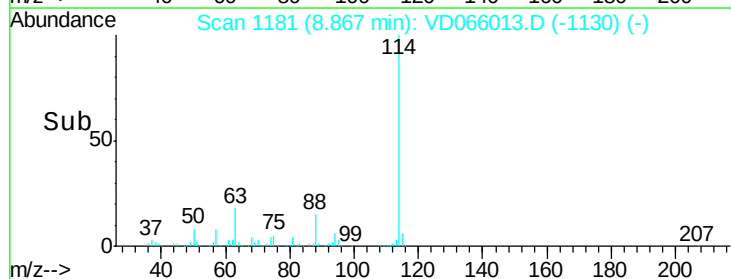
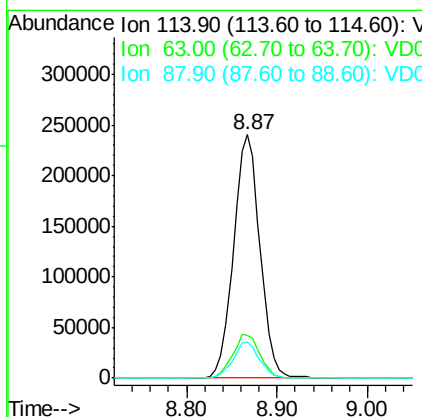
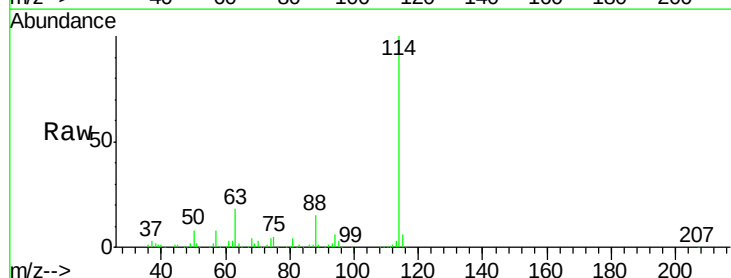
Manual Integrations  
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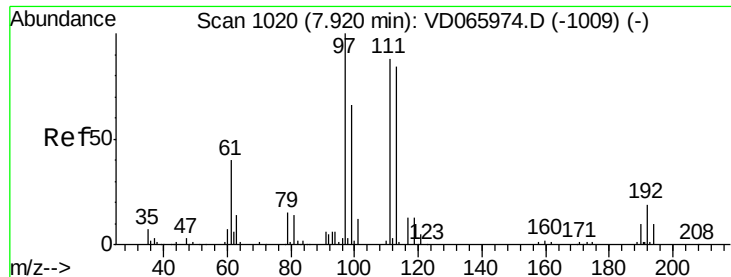
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 486882 |       |       |
| 63      | 17.6  | 0.0    | 39.6  |       |
| 88      | 15.1  | 0.0    | 31.2  |       |





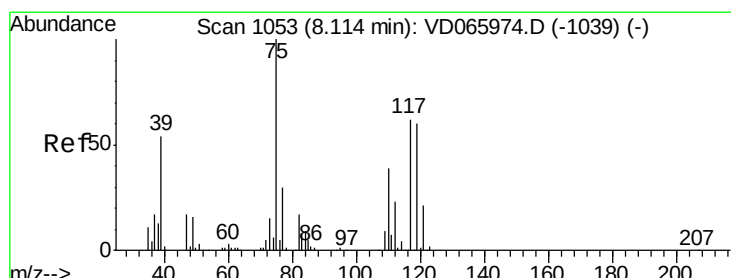
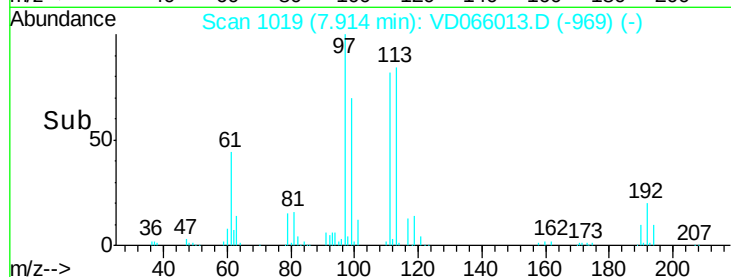
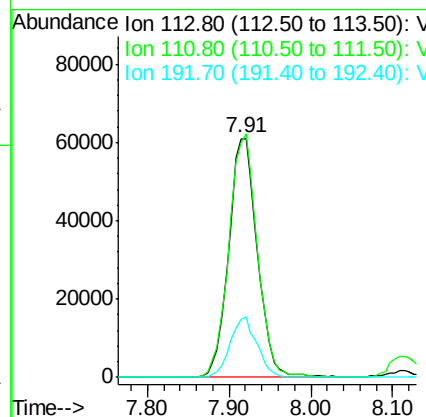
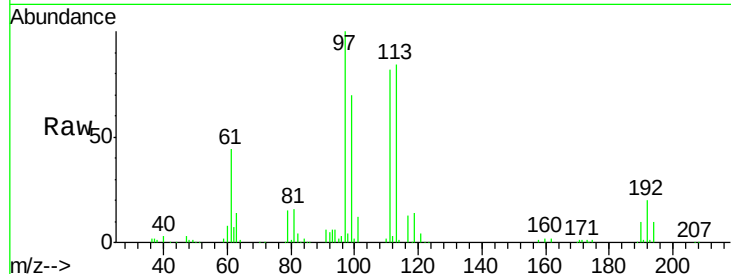
#35  
Dibromofluoromethane  
Concen: 50.508 ug/l  
RT: 7.91 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 149156 |       |       |
| 111     | 101.3 | 83.2   | 124.8 |       |
| 192     | 23.6  | 18.7   | 28.1  |       |

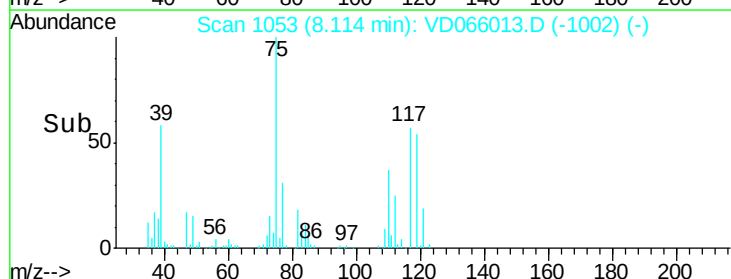
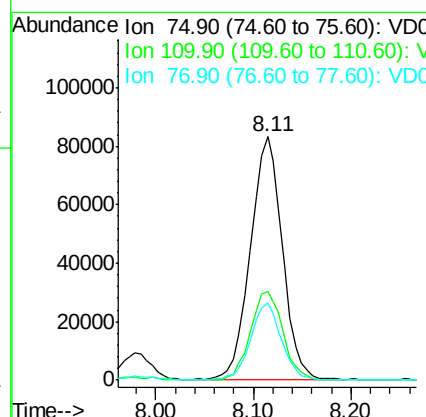
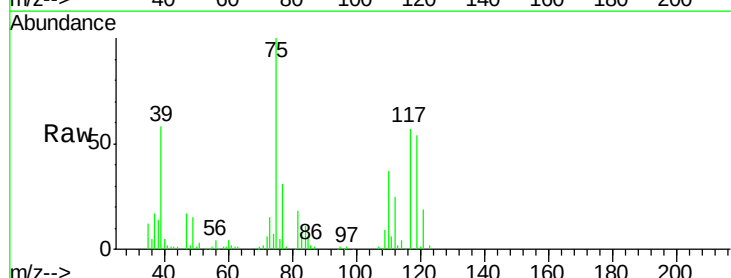
Manual Integrations  
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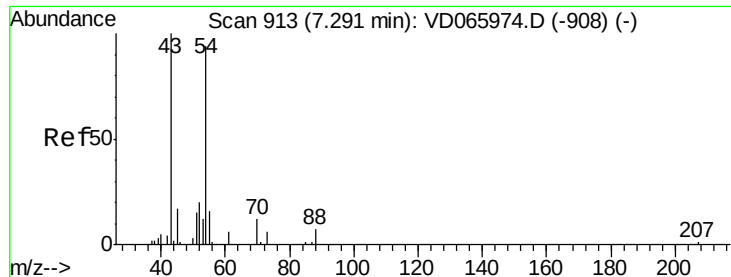
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7/23/2020 2:14:38 PM



#36  
1,1-Dichloropropene  
Concen: 46.225 ug/l  
RT: 8.11 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 192079 |       |       |
| 110     | 37.0  | 19.5   | 58.5  |       |
| 77      | 30.6  | 24.7   | 37.1  |       |





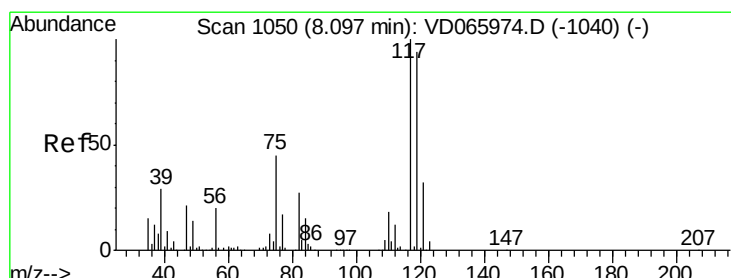
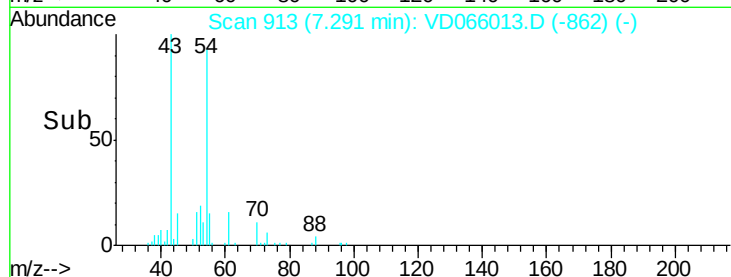
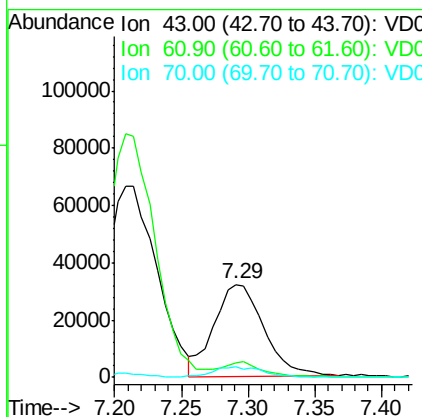
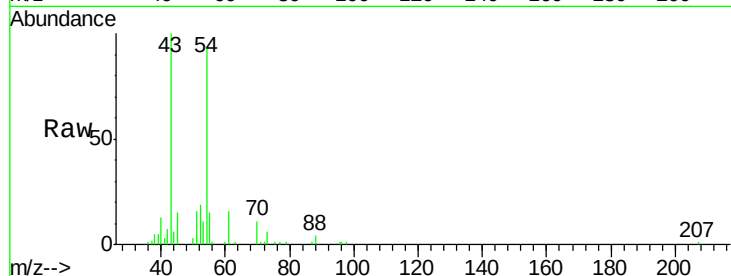
#37  
Ethyl Acetate  
Concen: 51.974 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.7  | 11.4  | 17.0  |
| 70      | 11.6  | 9.3   | 13.9  |

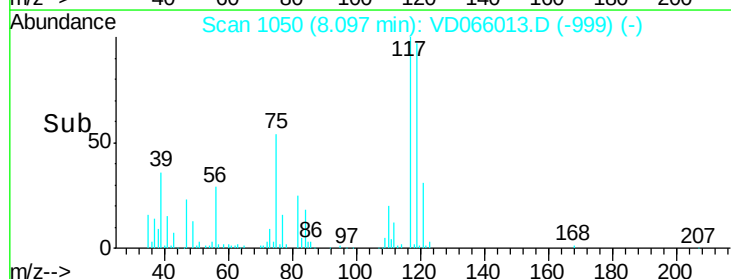
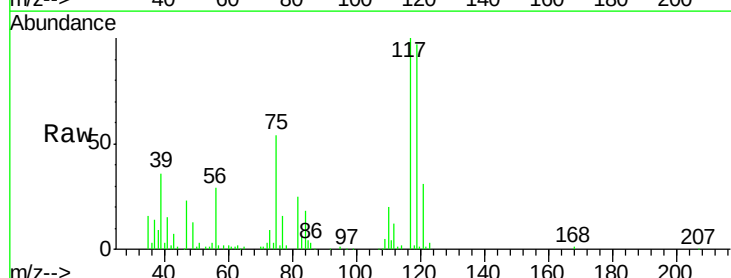
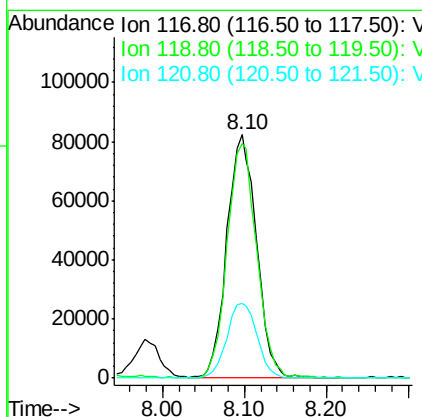
Manual Integrations  
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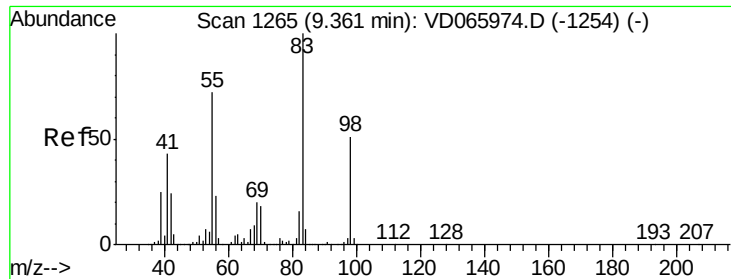


#38  
Carbon Tetrachloride  
Concen: 46.079 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.6  | 75.0  | 112.6 |
| 121     | 30.5  | 25.5  | 38.3  |







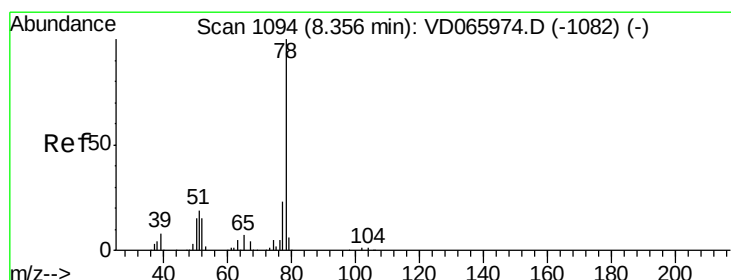
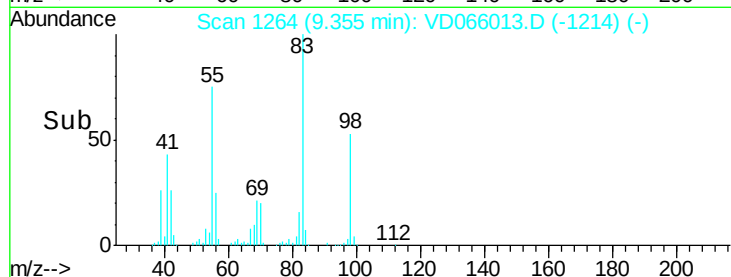
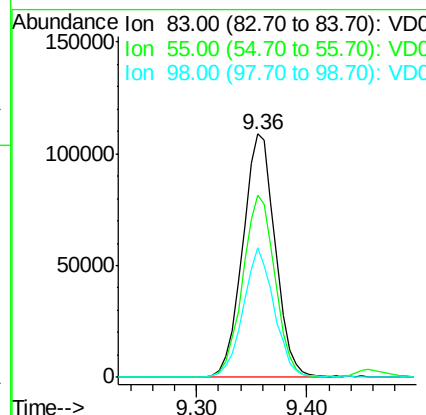
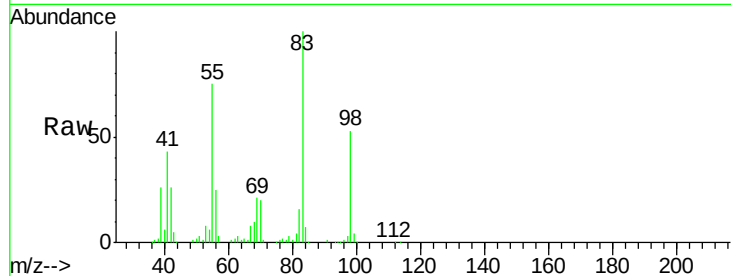
#39  
Methylvlcyclohexane  
Concen: 44.857 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 74.7  | 57.3  | 85.9  |
| 98      | 53.0  | 41.0  | 61.6  |

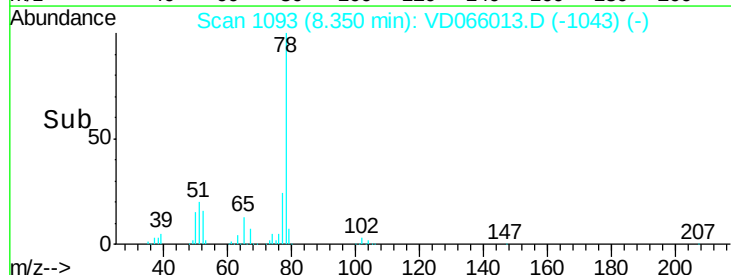
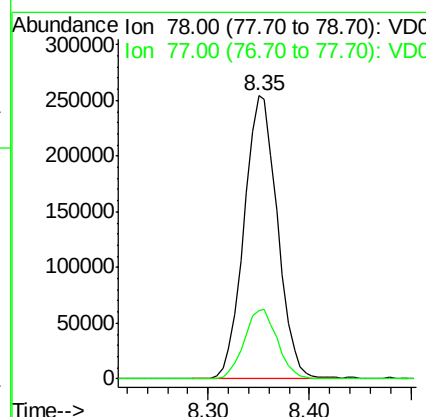
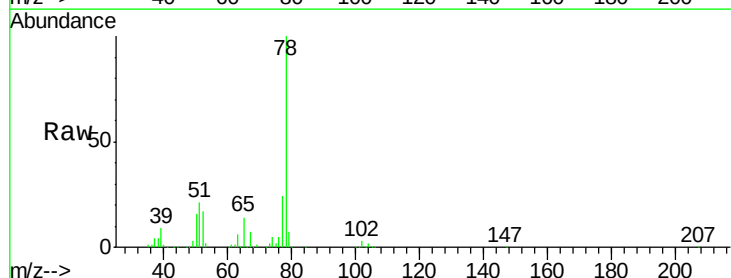
Manual Integrations  
APPROVED

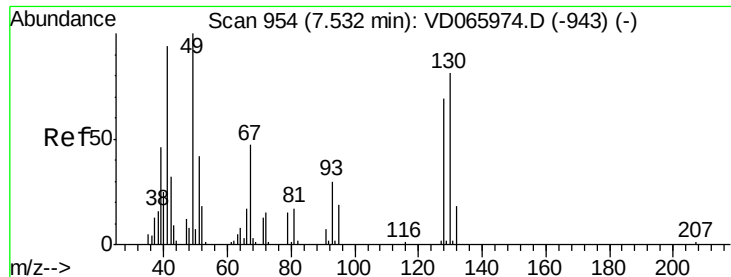
MMDadoda  
7/23/2020 2:14:38 PM



#40  
Benzene  
Concen: 49.961 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.1  | 18.6  | 27.8  |





#41

Methacrylonitrile

Concen: 56.256 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 51141

Ion Ratio Lower Upper

41 100

39 54.8 0.0 0.0#

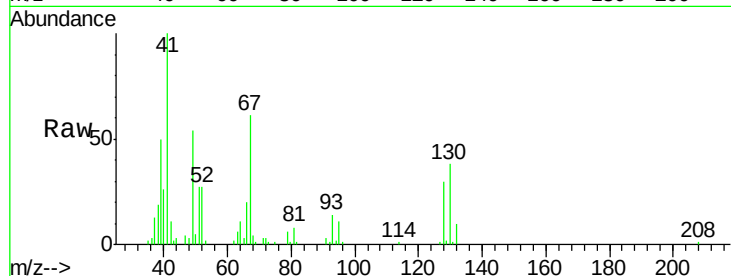
67 70.1 0.0 0.0#

52 30.0 0.0 0.0#

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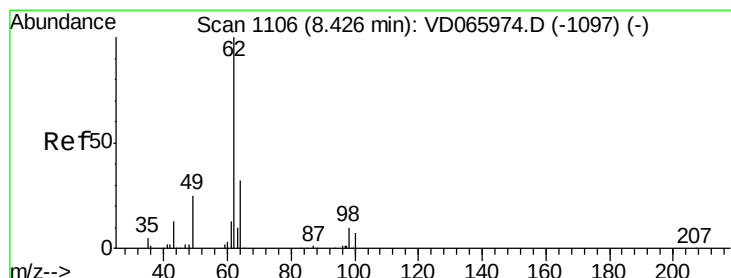
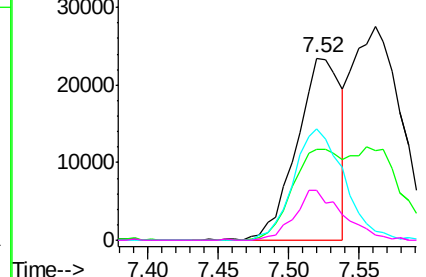
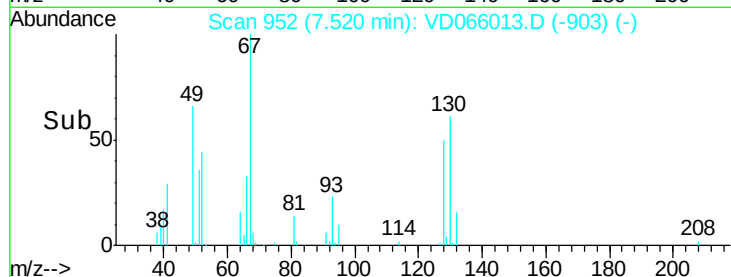


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 52.493 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD066013.D

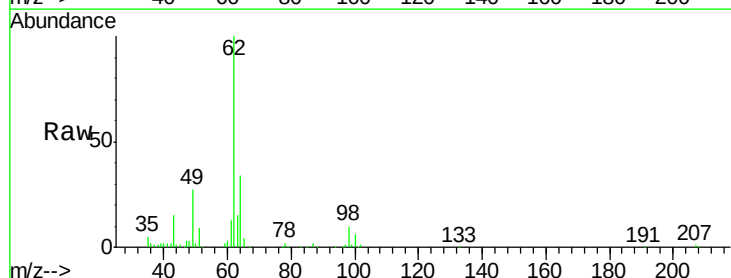
Acq: 22 Jul 2020 20:28

Tgt Ion: 62 Resp: 167219

Ion Ratio Lower Upper

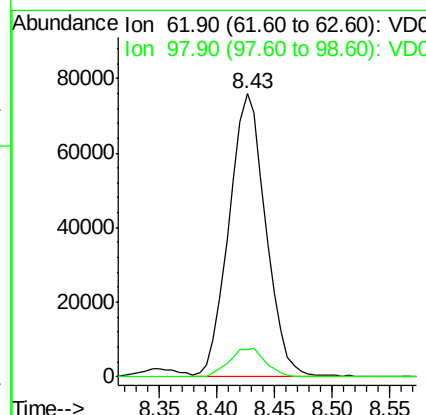
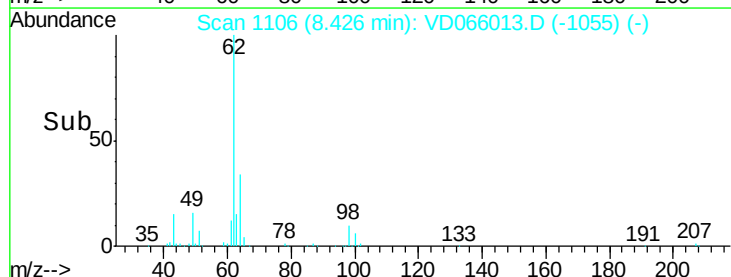
62 100

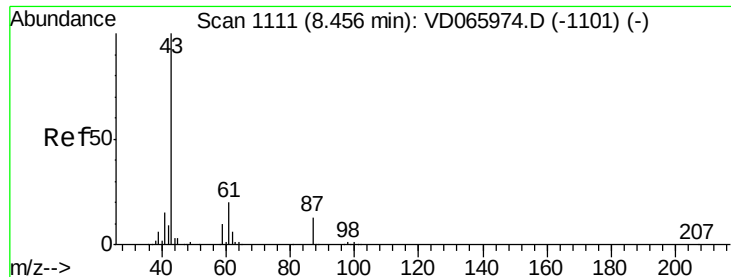
98 10.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 52.924 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

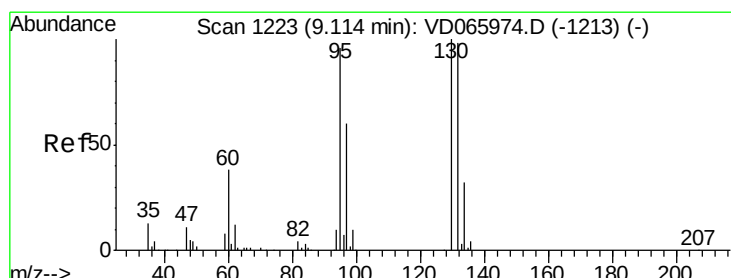
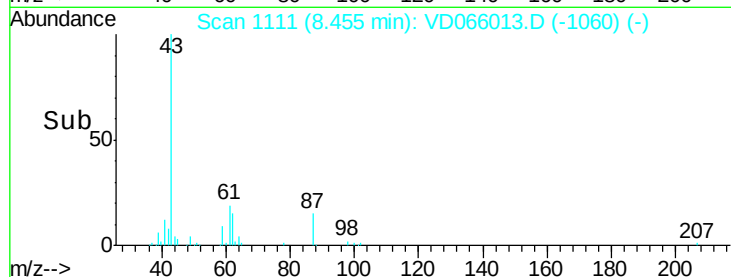
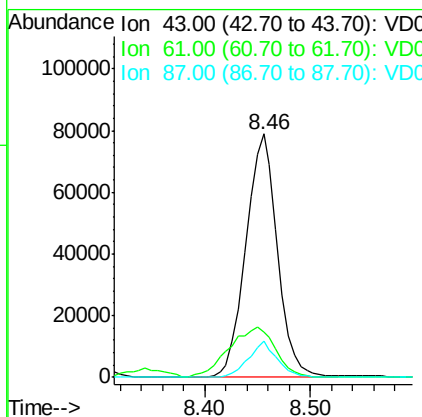
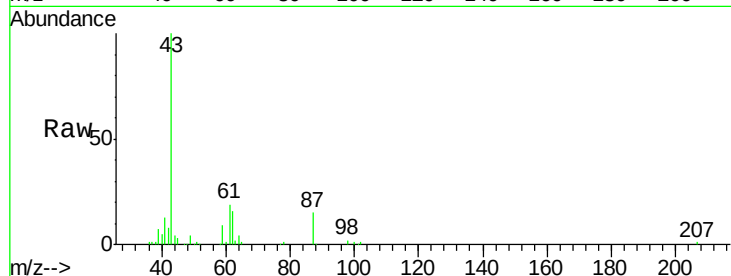
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 164037 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 30.5  | 25.8  | 38.8   |
| 87       | 13.7  | 10.9  | 16.3   |

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#44

Trichloroethene

Concen: 48.093 ug/l

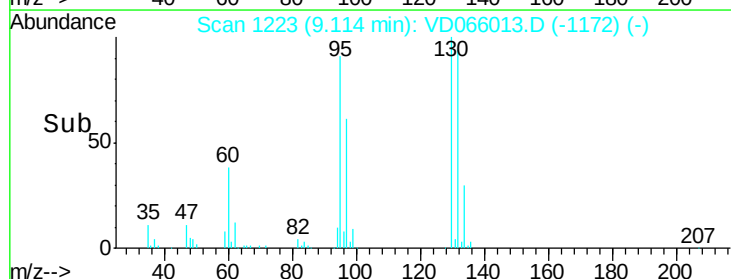
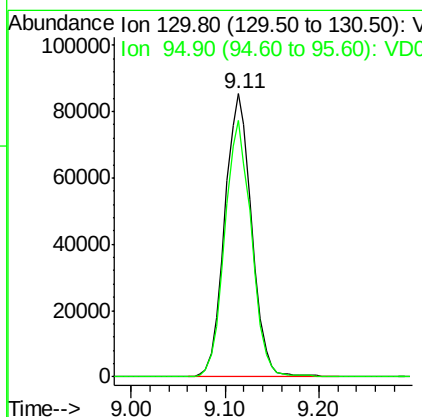
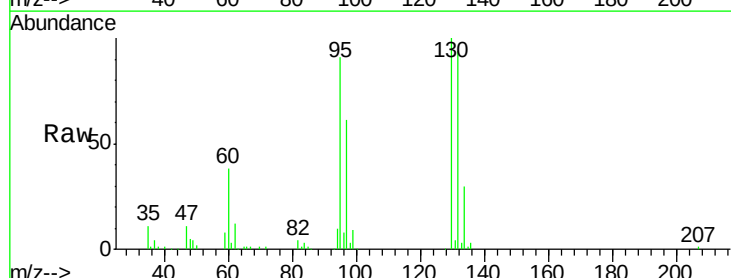
RT: 9.11 min Scan# 1223

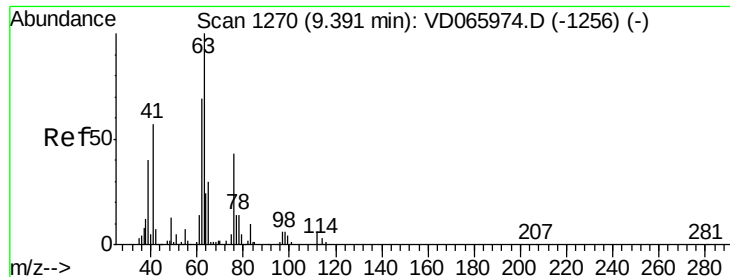
Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 169186 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 90.8  | 0.0   | 191.6  |





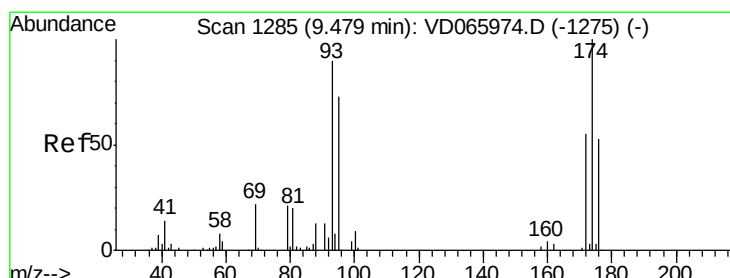
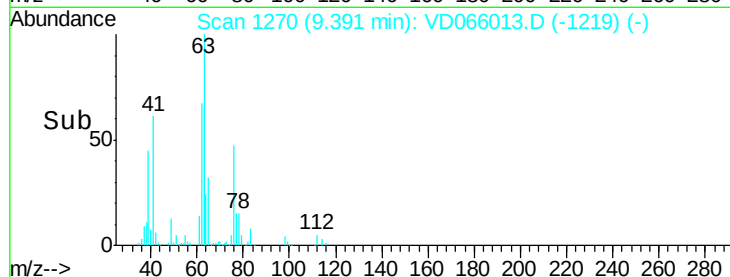
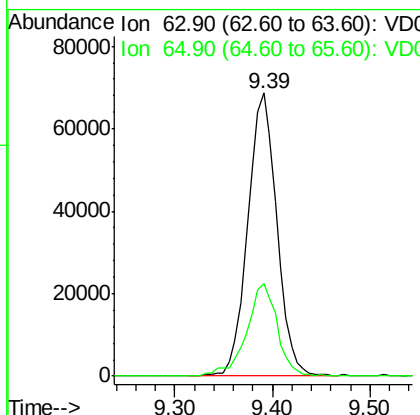
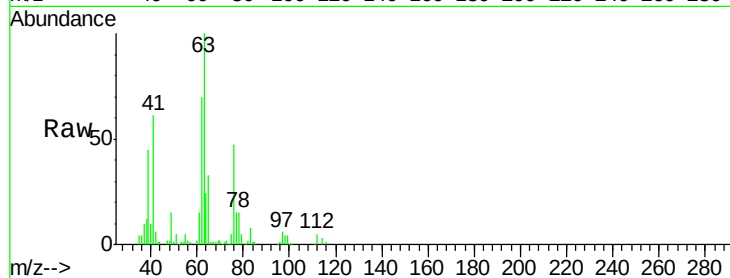
#45  
 1,2-Dichloropropane  
 Concen: 50.703 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 32.8  | 24.0  | 36.0  |

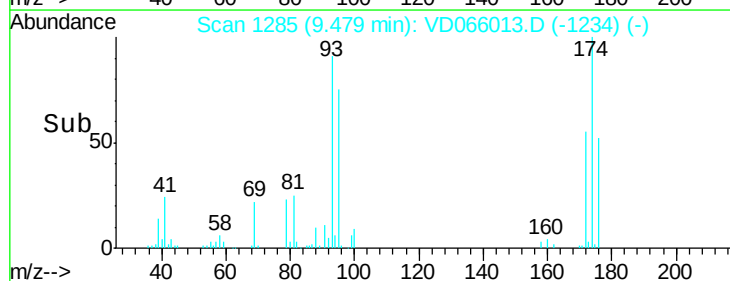
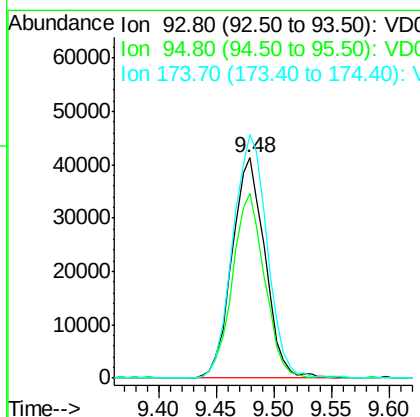
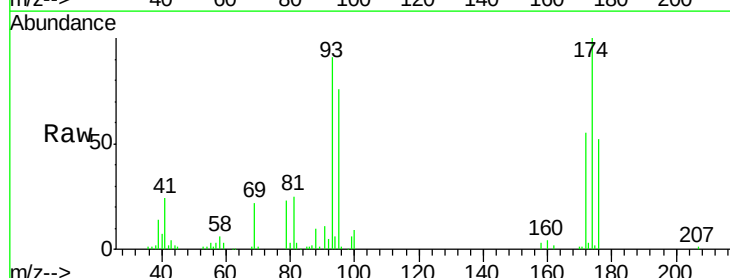
Manual Integrations  
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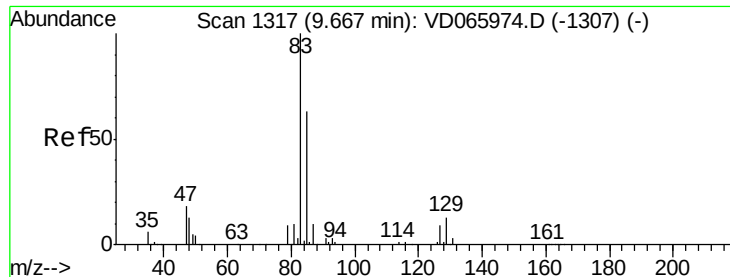
MMDadoda  
 7/23/2020 2:14:38 PM



#46  
 Dibromomethane  
 Concen: 53.847 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 81.9  | 66.2  | 99.4  |
| 174     | 115.2 | 91.5  | 137.3 |





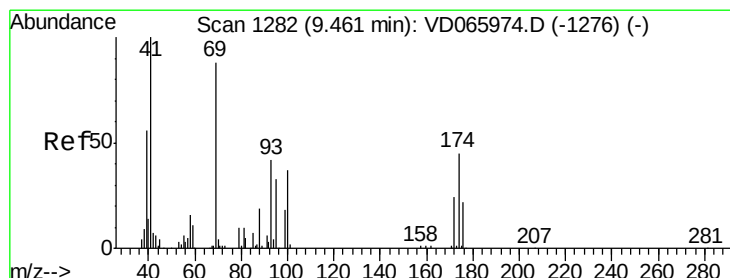
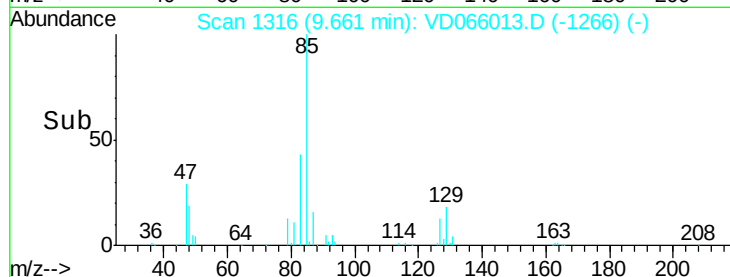
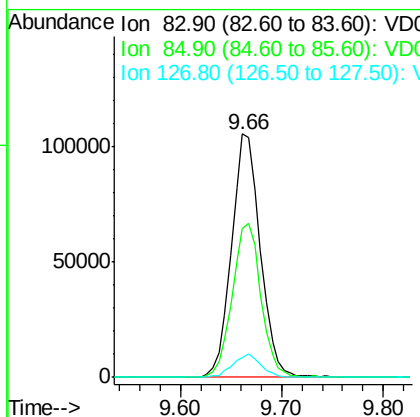
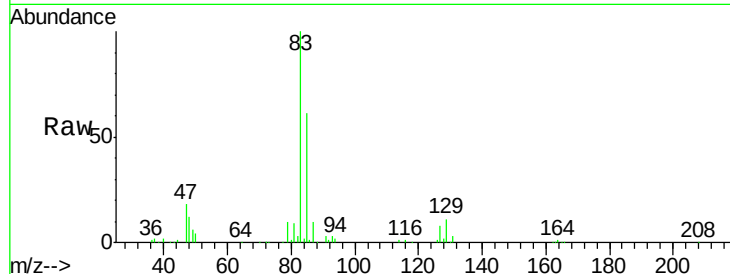
#47  
Bromodichloromethane  
Concen: 51.707 ug/l  
RT: 9.66 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 207223 |       |       |
| 85      | 61.1  |        | 50.6  | 75.8  |
| 127     | 8.1   |        | 7.1   | 10.7  |

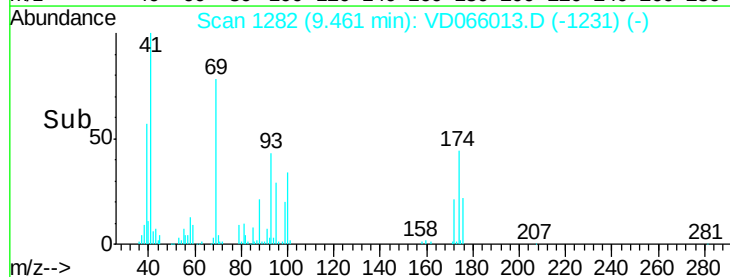
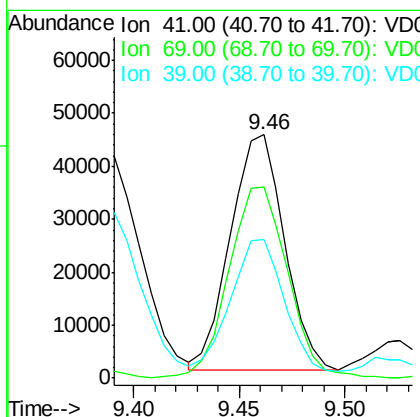
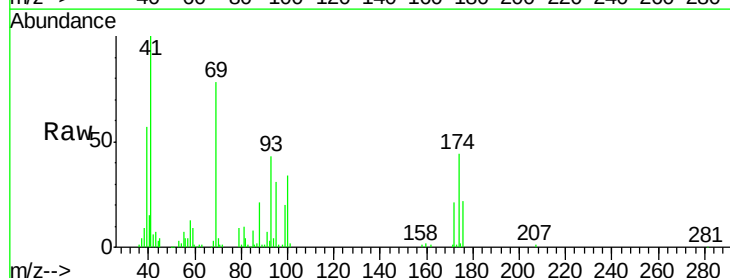
Manual Integrations  
APPROVED

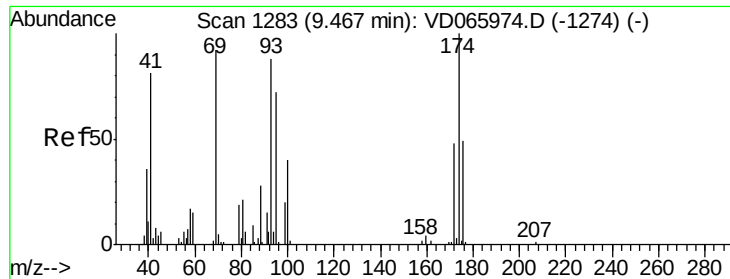
MMDadoda  
7/23/2020 2:14:38 PM



#48  
Methyl methacrylate  
Concen: 50.338 ug/l  
RT: 9.46 min Scan# 1282  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 78700 |       |       |
| 69      | 88.6  |       | 65.1  | 97.7  |
| 39      | 55.1  |       | 41.5  | 62.3  |





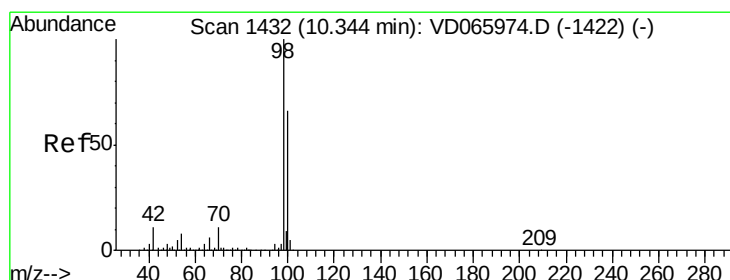
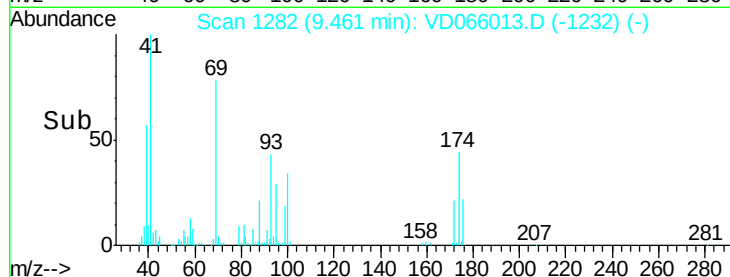
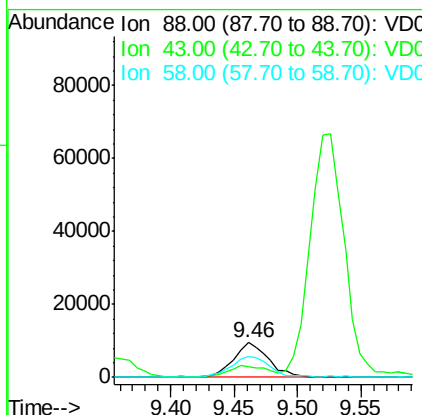
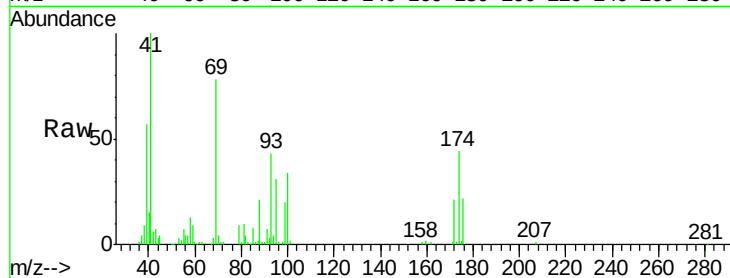
#49  
1,4-Dioxane  
Concen: 1027.339 ug/l  
RT: 9.46 min Scan# 1282  
Delta R.T. -0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 88    | Resp  | 18040 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 38.5  | 29.0  | 43.6  |
| 58      | 67.7  | 57.0  | 85.4  |

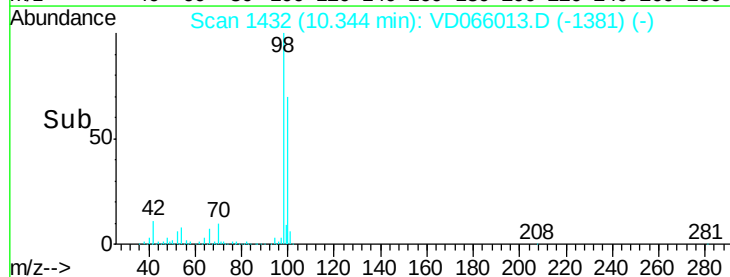
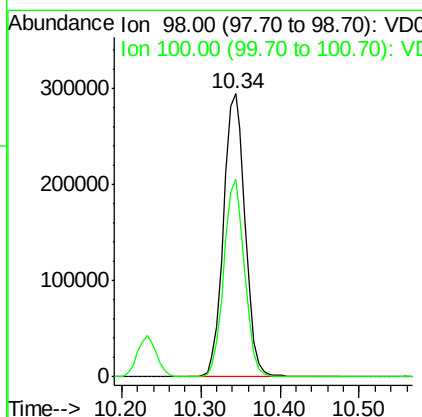
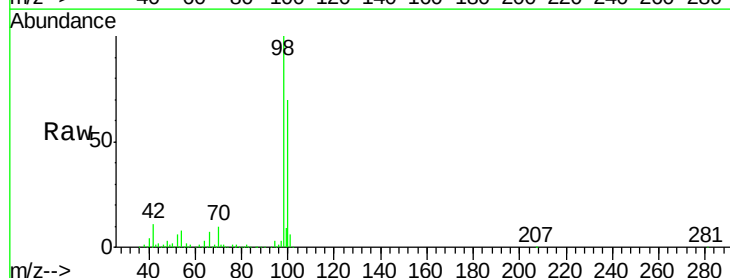
Manual Integrations  
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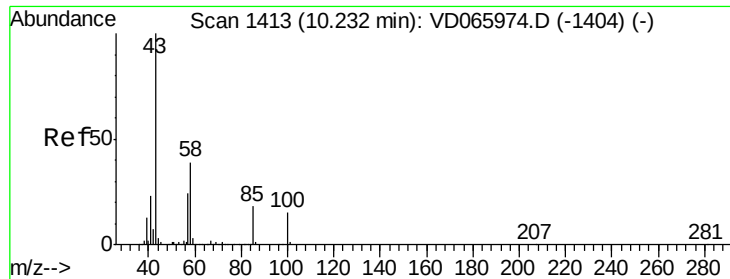
MMDadoda  
7/23/2020 2:14:38 PM



#50  
Toluene-d8  
Concen: 50.417 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | 98    | Resp  | 554639 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 67.1  | 52.7  | 79.1   |





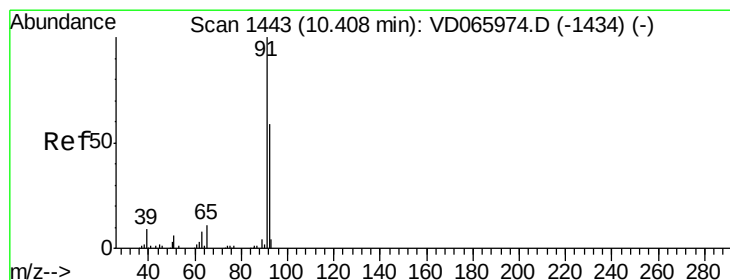
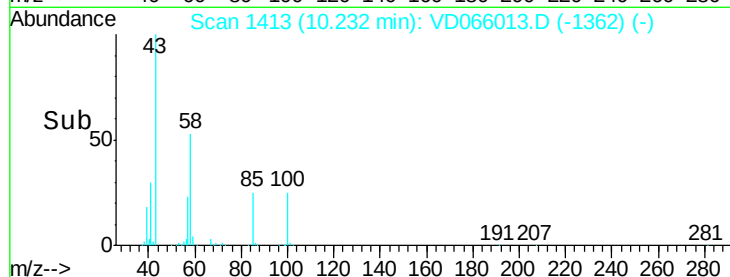
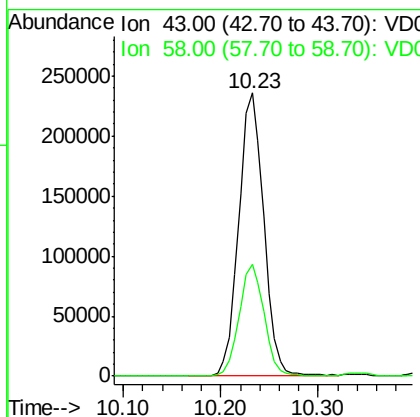
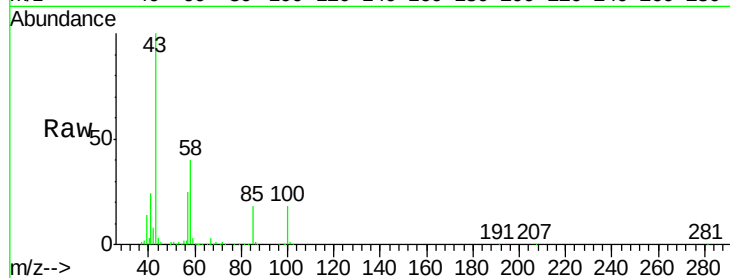
#51  
4-Methyl-2-Pentanone  
Concen: 271.259 ug/l  
RT: 10.23 min Scan# 1413  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.4  | 31.3  | 46.9  |

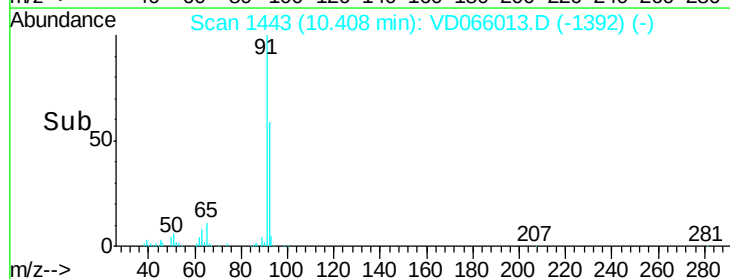
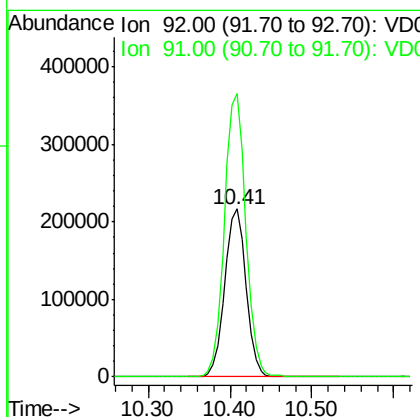
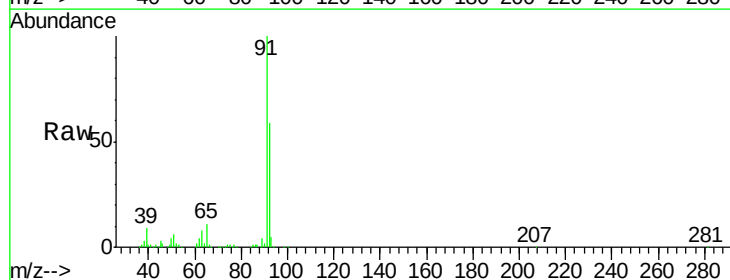
Manual Integrations  
APPROVED

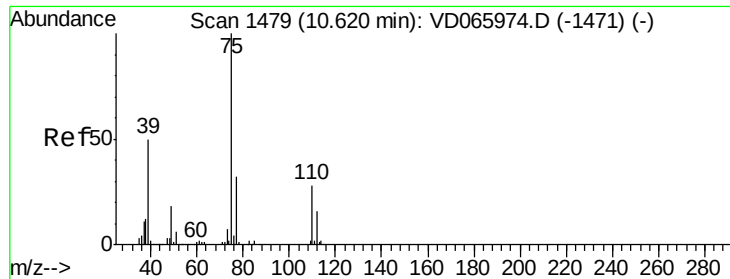
MMDadoda  
7/23/2020 2:14:38 PM



#52  
Toluene  
Concen: 52.107 ug/l  
RT: 10.41 min Scan# 1443  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 168.7 | 134.5 | 201.7 |





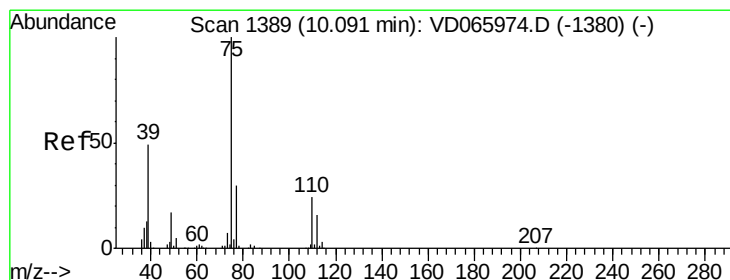
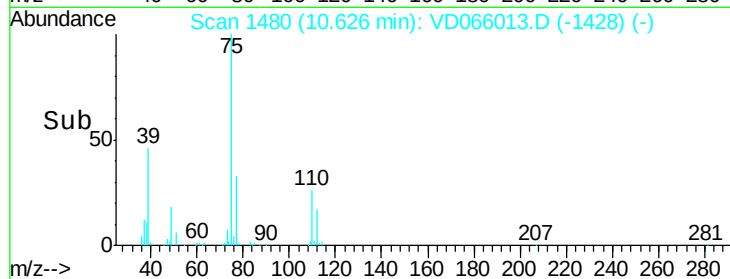
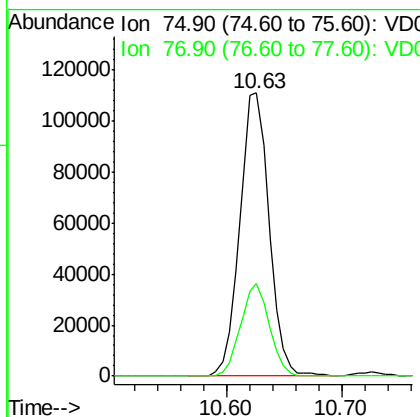
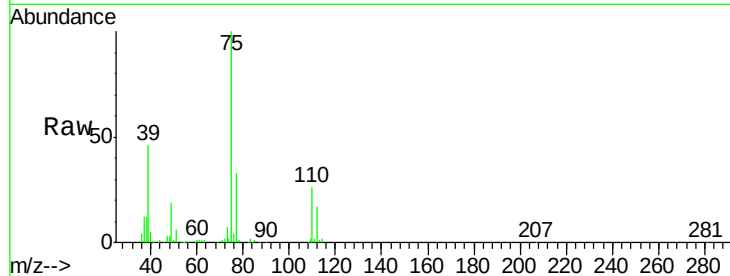
#53  
t-1,3-Dichloropropene  
Concen: 52.498 ug/l  
RT: 10.63 min Scan# 1480  
Delta R.T. 0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 75    | Resp  | 196009 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 32.9  | 25.8  | 38.6   |

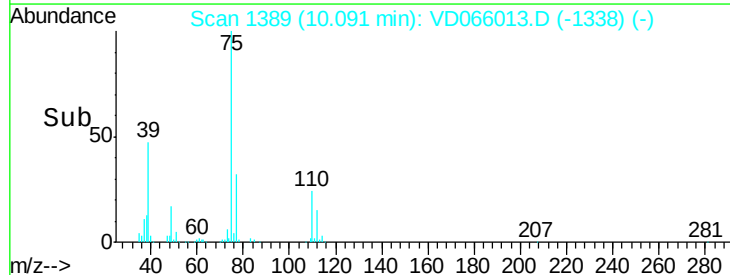
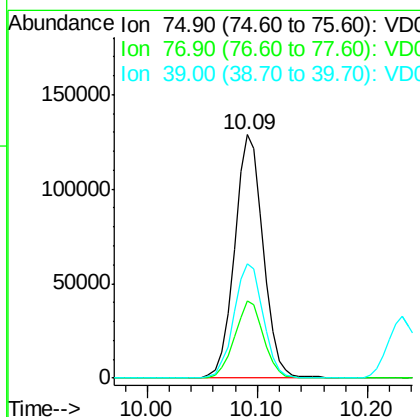
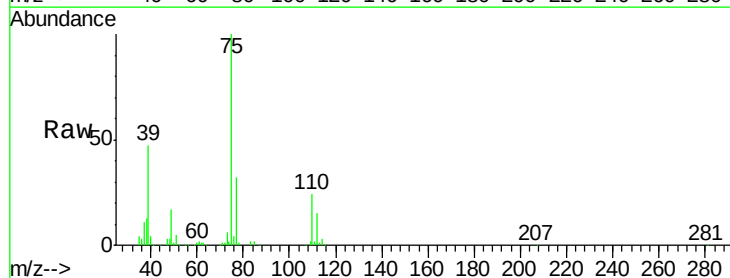
Manual Integrations  
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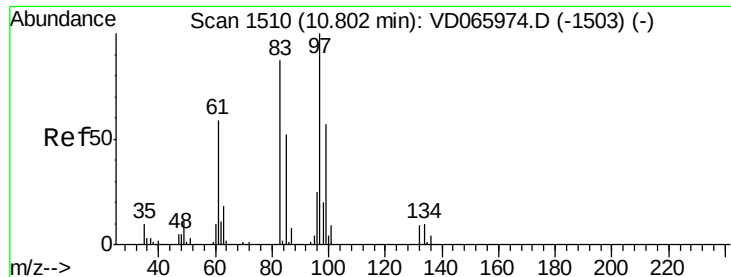


#54  
cis-1,3-Dichloropropene  
Concen: 51.701 ug/l  
RT: 10.09 min Scan# 1389  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion   | 75    | Resp  | 233993 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 31.9  | 23.8  | 35.8   |
| 39        | 47.1  | 38.8  | 58.2   |







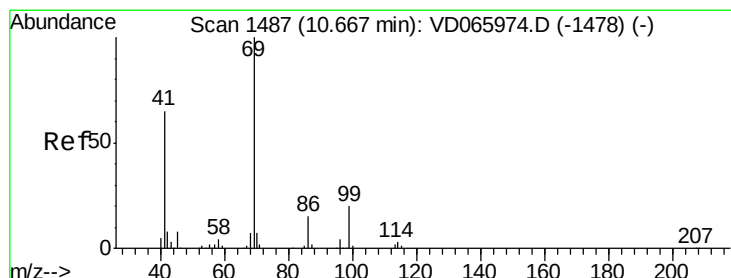
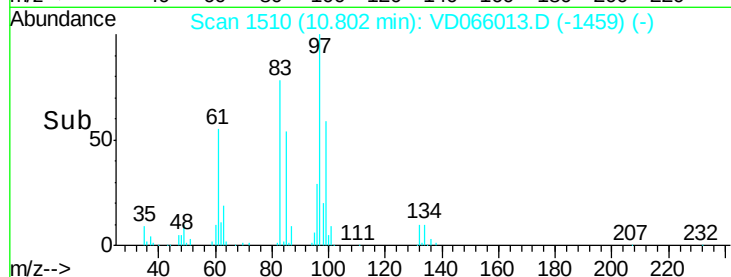
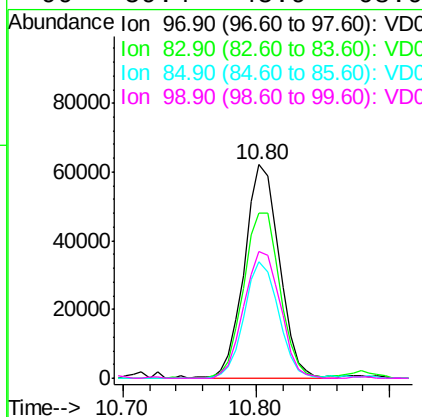
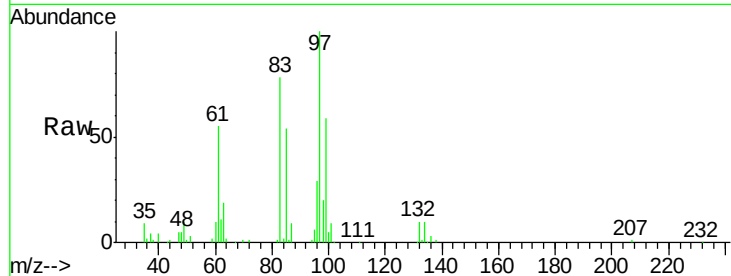
#55  
 1,1,2-Trichloroethane  
 Concen: 52.539 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | 97    | Resp  | 112939 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 97      | 100   |       |        |
| 83      | 77.6  | 69.7  | 104.5  |
| 85      | 54.5  | 41.6  | 62.4   |
| 99      | 59.4  | 45.9  | 68.9   |

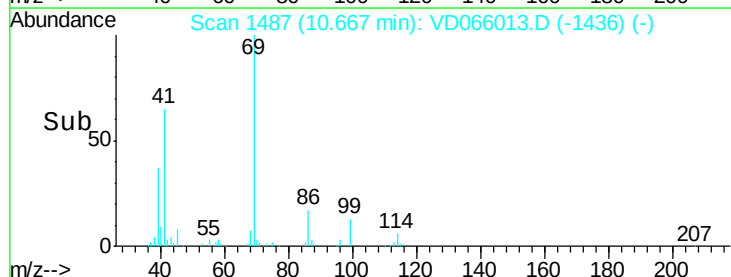
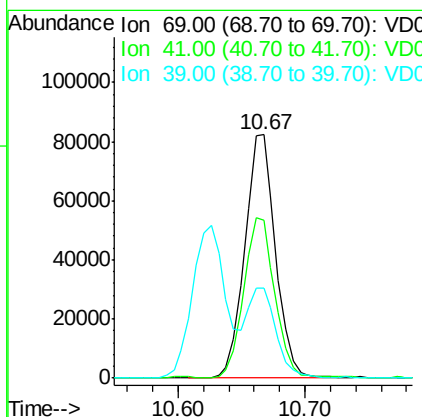
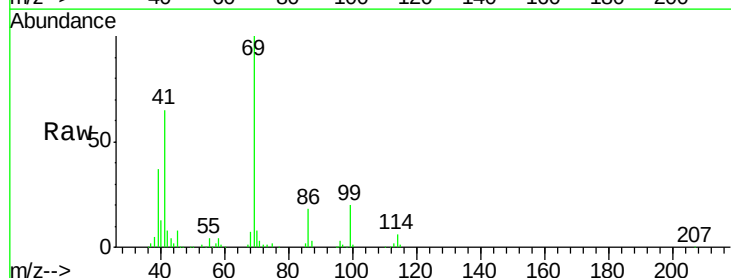
Manual Integrations  
 APPROVED

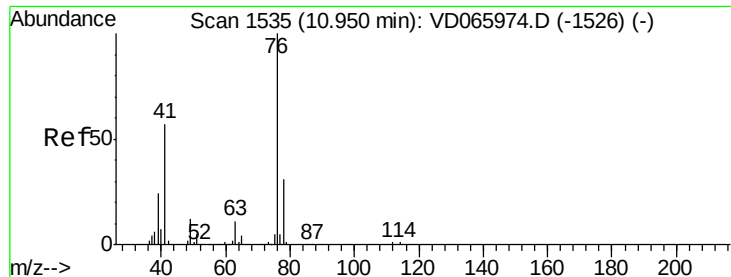
MMDadoda  
 7/23/2020 2:14:38 PM



#56  
 Ethyl methacrylate  
 Concen: 55.572 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

| Tgt Ion | 69    | Resp  | 138889 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 65.4  | 52.3  | 78.5   |
| 39      | 33.5  | 25.2  | 37.8   |





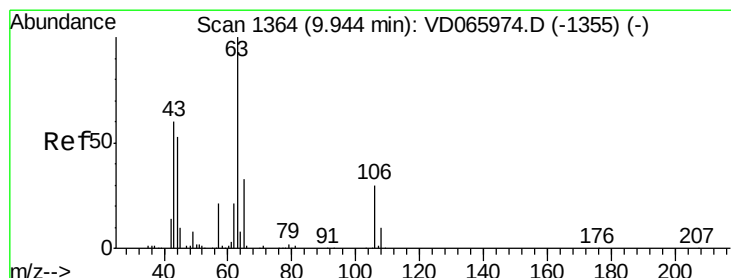
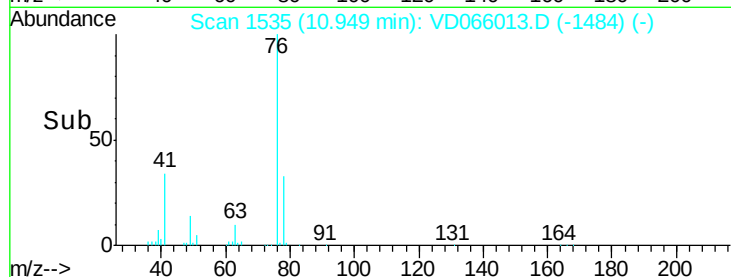
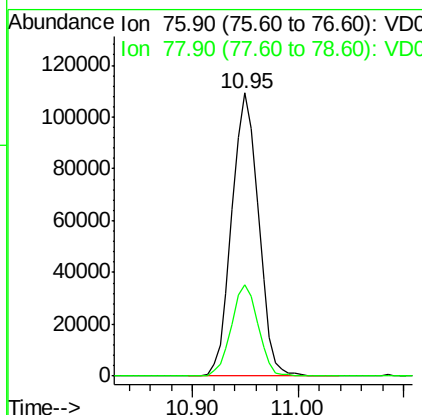
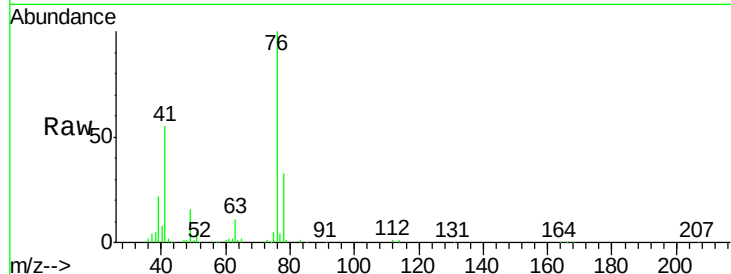
#57  
 1,3-Dichloropropane  
 Concen: 53.801 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 76 Resp: 191454  
 Ion Ratio Lower Upper  
 76 100  
 78 32.5 25.6 38.4

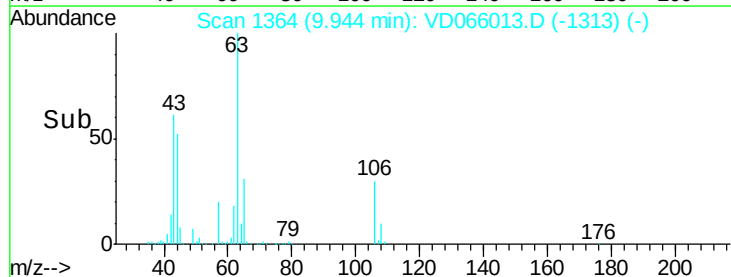
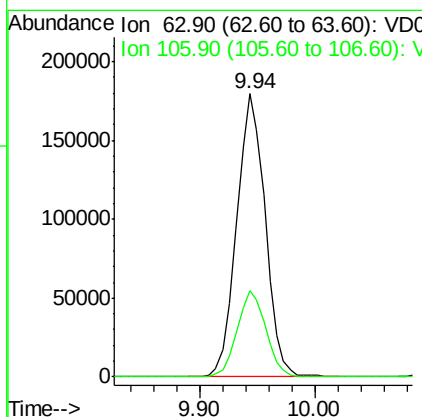
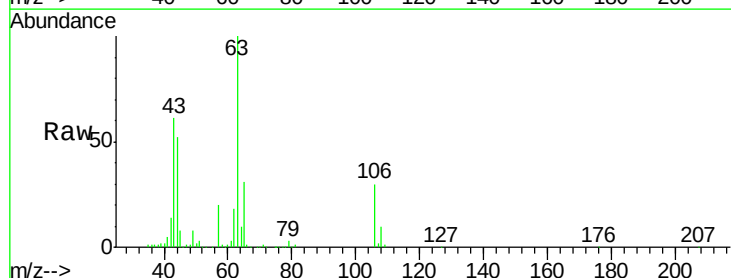
Manual Integrations  
 APPROVED

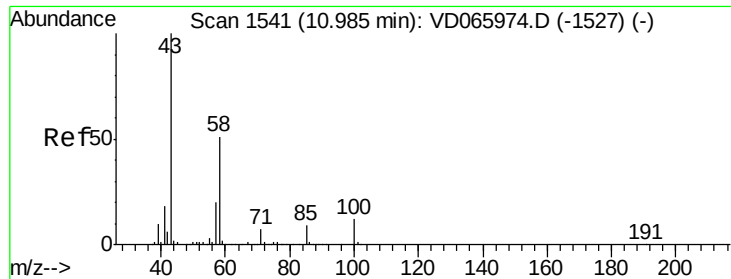
MMDadoda  
 7/23/2020 2:14:38 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 257.383 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

Tgt Ion: 63 Resp: 307290  
 Ion Ratio Lower Upper  
 63 100  
 106 30.9 24.4 36.6





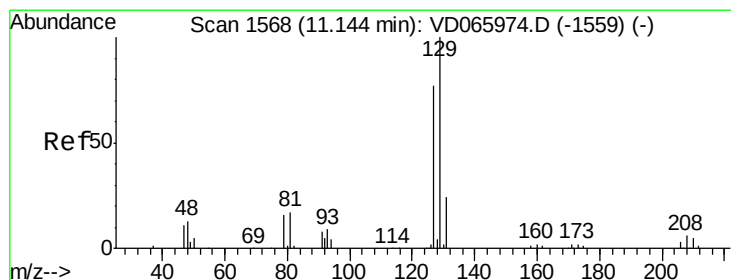
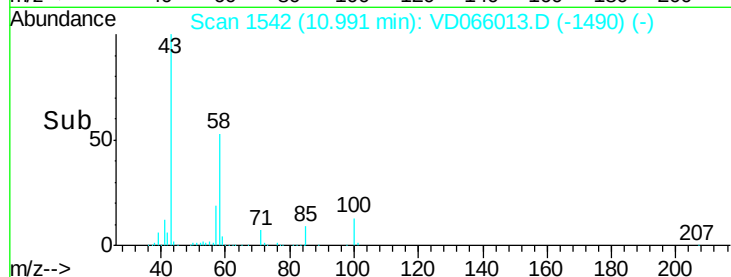
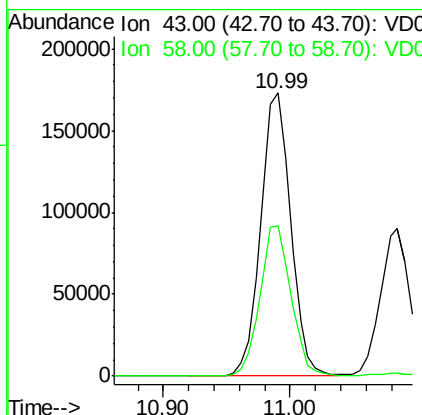
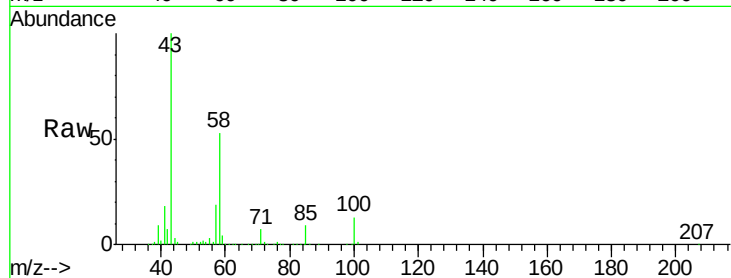
#59  
2-Hexanone  
Concen: 265.143 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 286945  
Ion Ratio Lower Upper  
43 100  
58 55.0 26.2 78.6

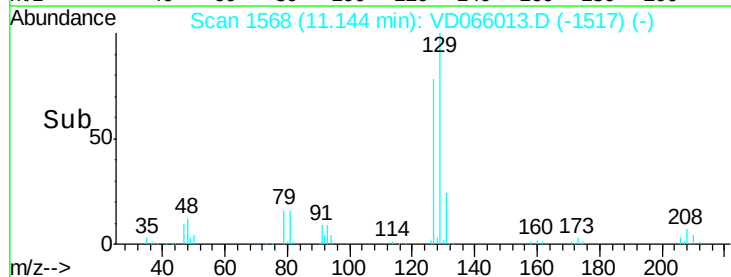
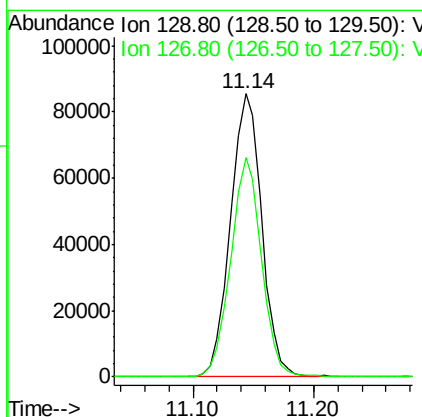
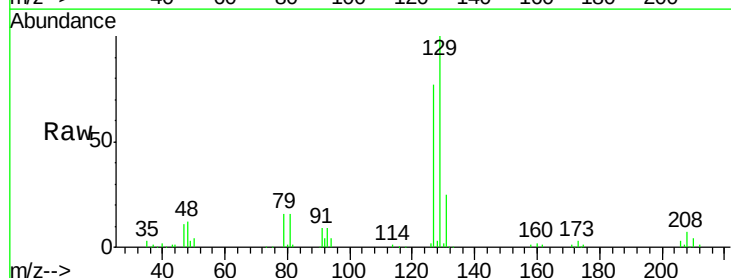
Manual Integrations  
APPROVED

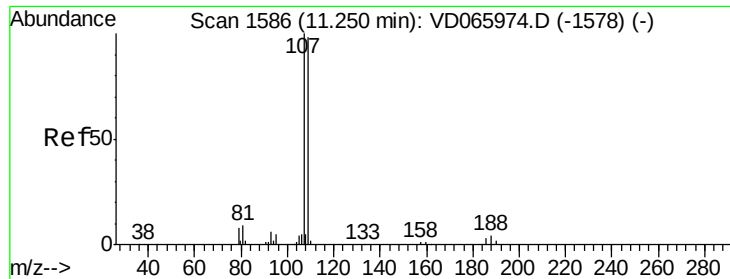
MMDadoda  
7/23/2020 2:14:38 PM



#60  
Dibromochloromethane  
Concen: 53.135 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Tgt Ion:129 Resp: 154005  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.6 115.7





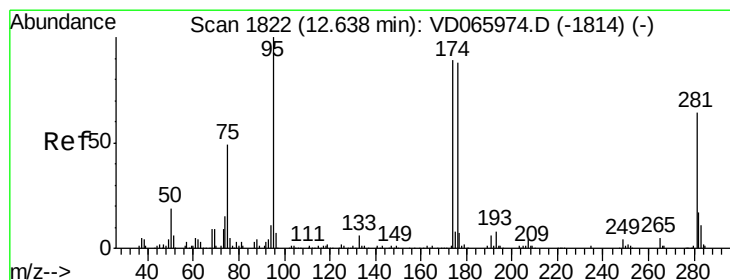
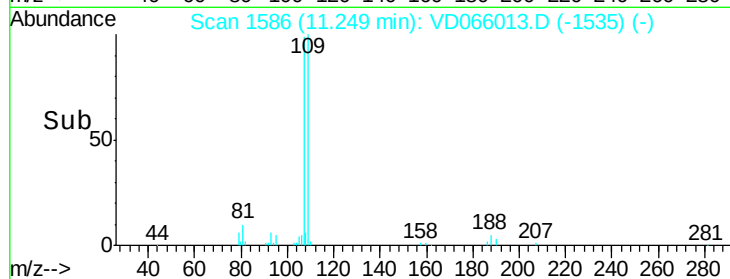
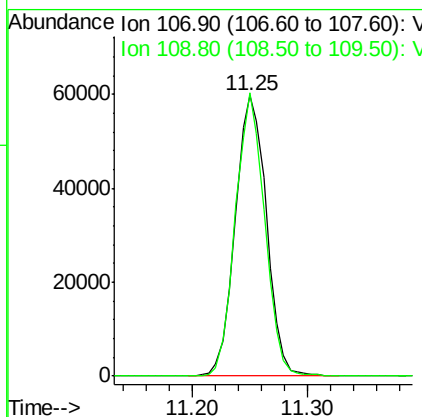
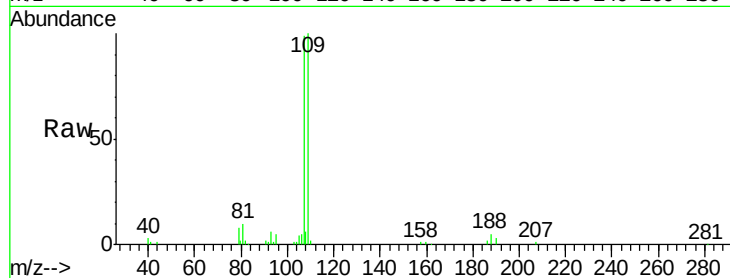
#61  
 1,2-Dibromoethane  
 Concen: 53.989 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 111898 |       |       |
| 109     | 94.6  | 75.0   | 112.4 |       |

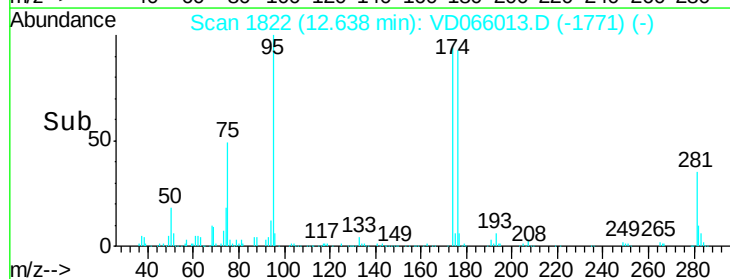
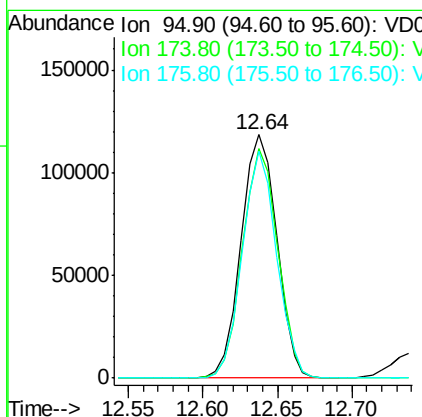
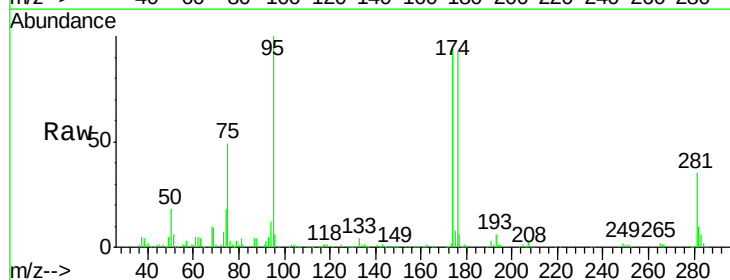
Manual Integrations  
 APPROVED

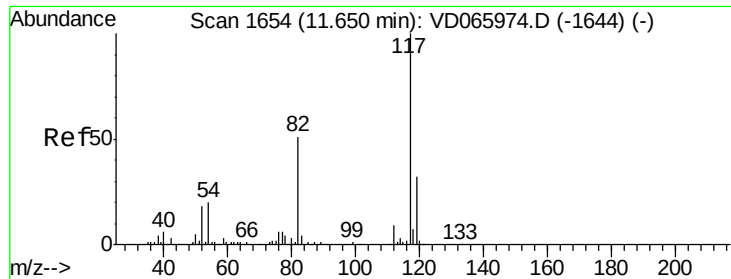
MMDadoda  
 7/23/2020 2:14:38 PM



#62  
 4-Bromofluorobenzene  
 Concen: 51.718 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 197278 |       |       |
| 174     | 92.7  | 0.0    | 178.8 |       |
| 176     | 89.2  | 0.0    | 172.6 |       |





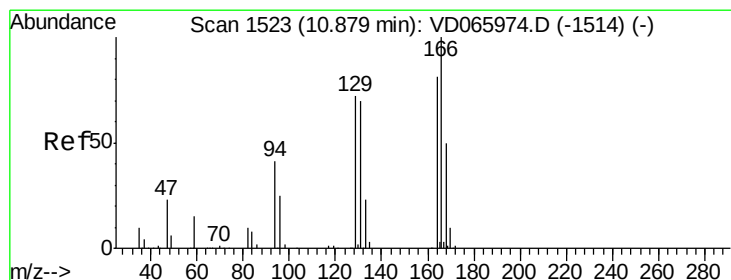
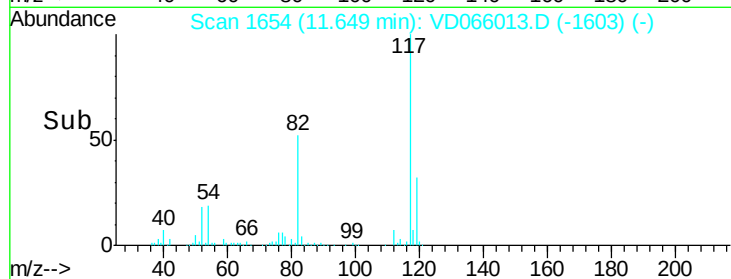
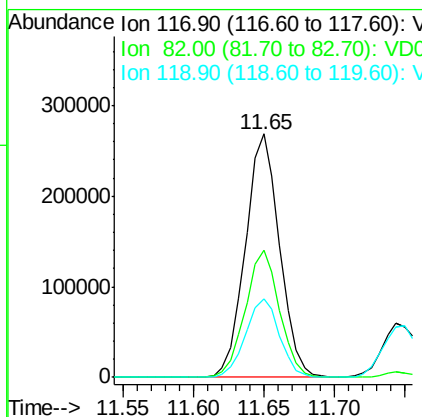
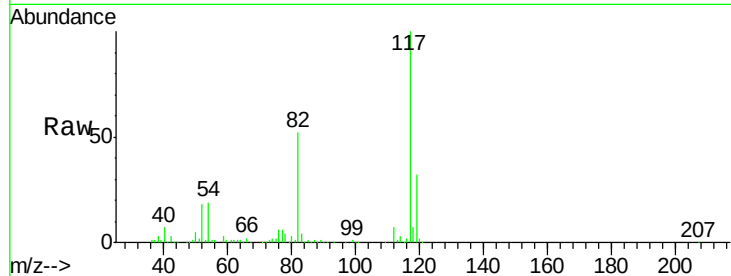
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 456803 |       |       |
| 82      | 52.3  |        | 41.1  | 61.7  |
| 119     | 32.2  |        | 25.9  | 38.9  |

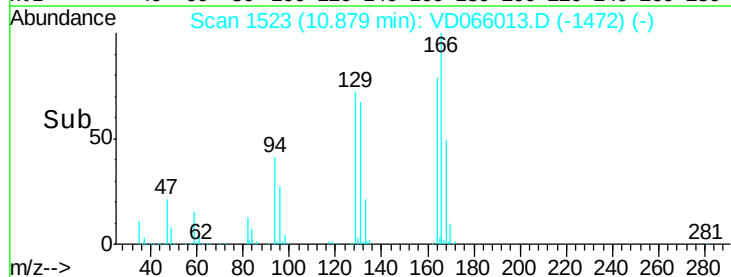
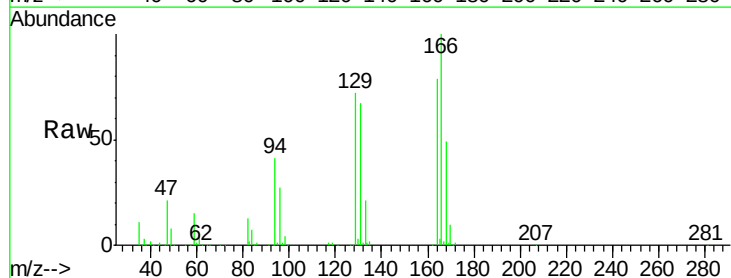
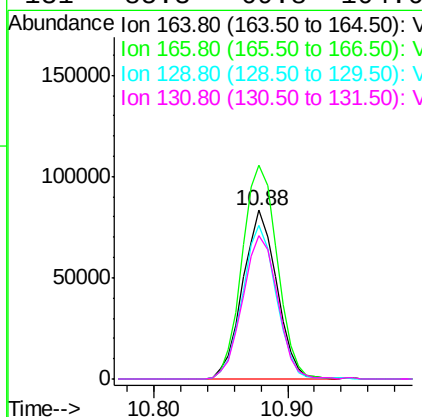
Manual Integrations  
APPROVED

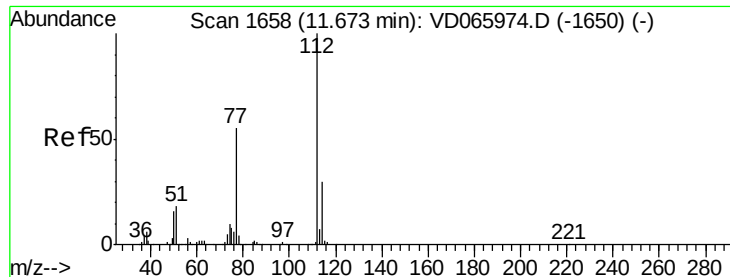
MMDadoda  
7/23/2020 2:14:38 PM



#64  
Tetrachloroethene  
Concen: 47.403 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 146971 |       |       |
| 166     | 126.7 |        | 99.1  | 148.7 |
| 129     | 91.2  |        | 71.5  | 107.3 |
| 131     | 85.3  |        | 69.8  | 104.6 |





#65

Chlorobenzene

Concen: 50.972 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 426322

Ion Ratio Lower Upper

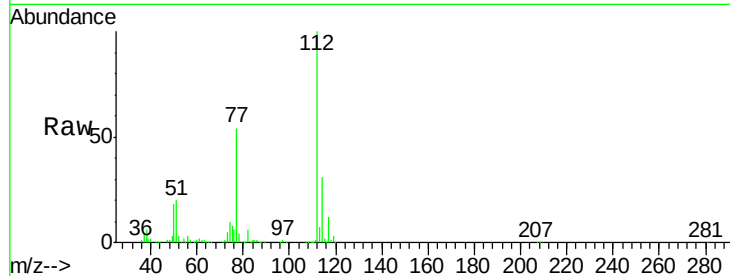
112 100

114 31.1 24.4 36.6

Manual Integrations  
APPROVED

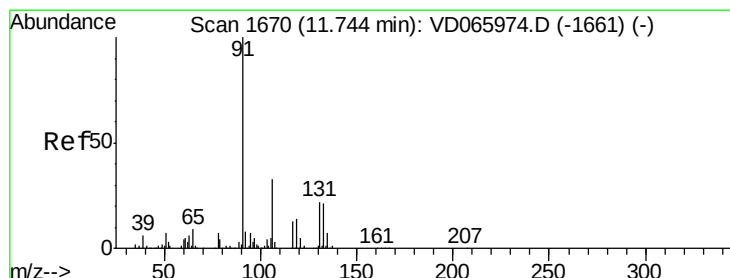
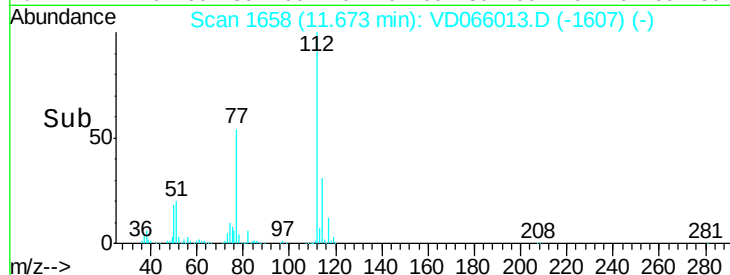
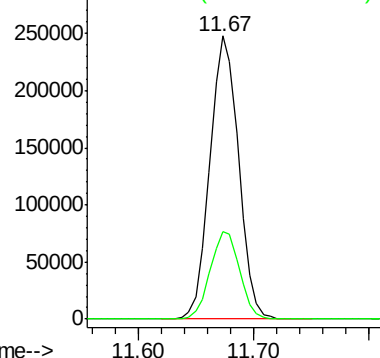
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.618 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

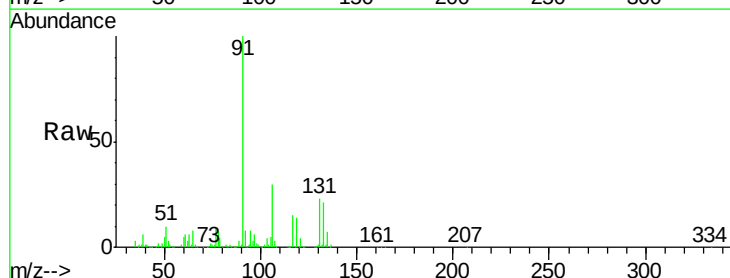
Tgt Ion:131 Resp: 162498

Ion Ratio Lower Upper

131 100

133 95.4 47.3 142.0

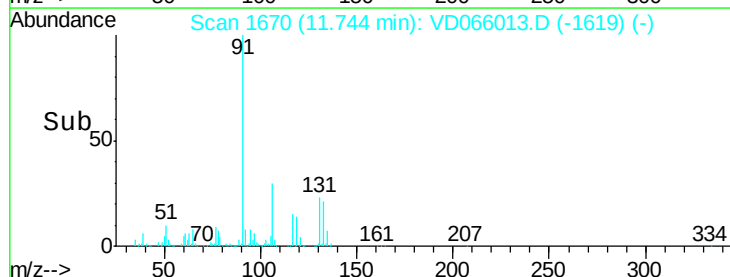
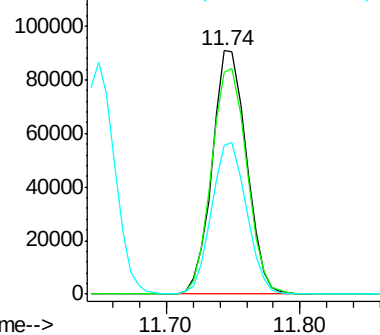
119 62.9 31.7 95.1

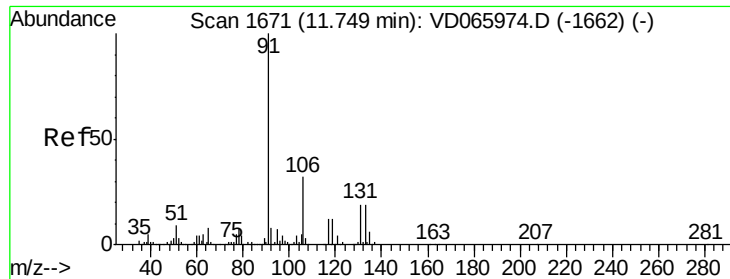


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.484 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 726641

Ion Ratio Lower Upper

91 100

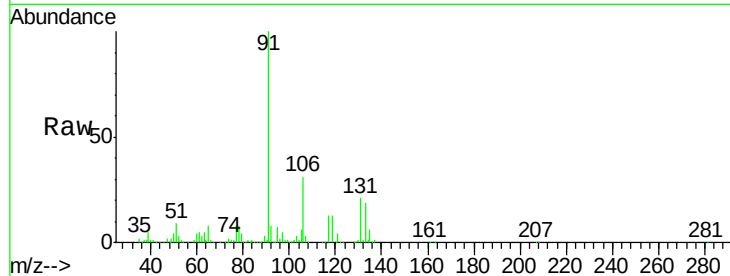
106 30.6 25.7 38.5

Manual Integrations

APPROVED

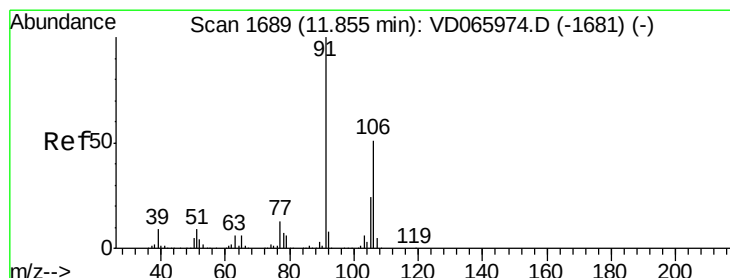
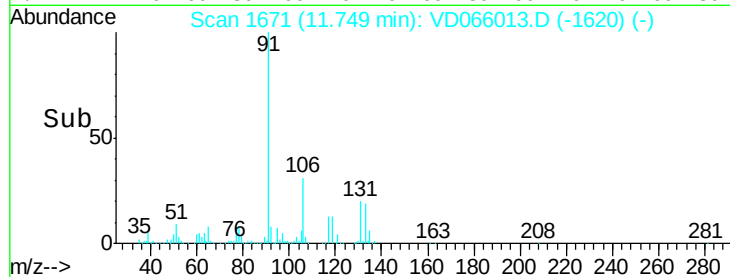
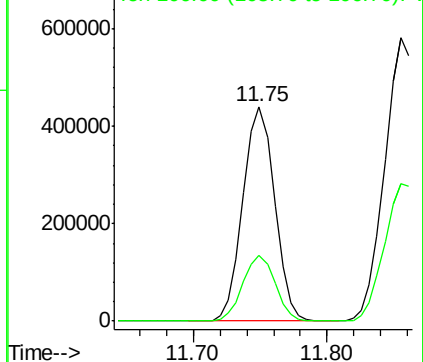
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.167 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066013.D

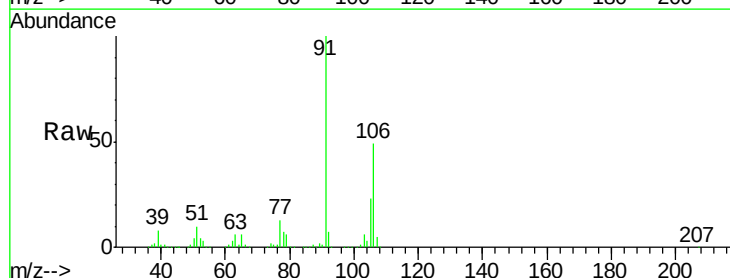
Acq: 22 Jul 2020 20:28

Tgt Ion: 106 Resp: 559681

Ion Ratio Lower Upper

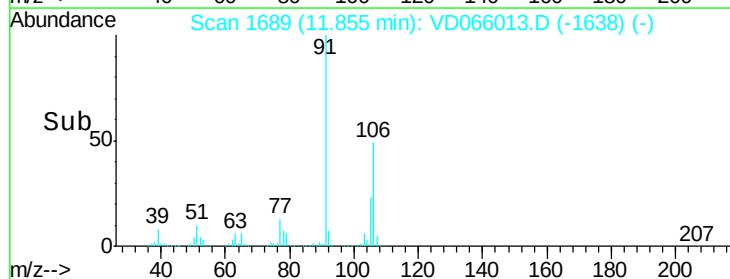
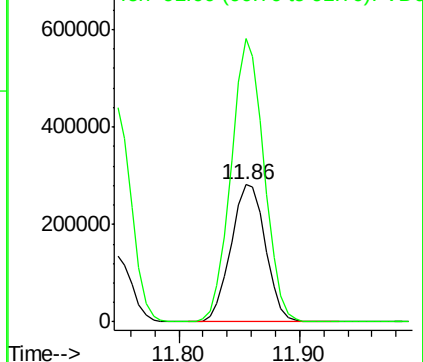
106 100

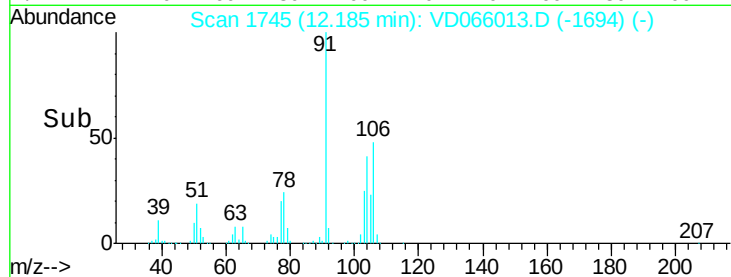
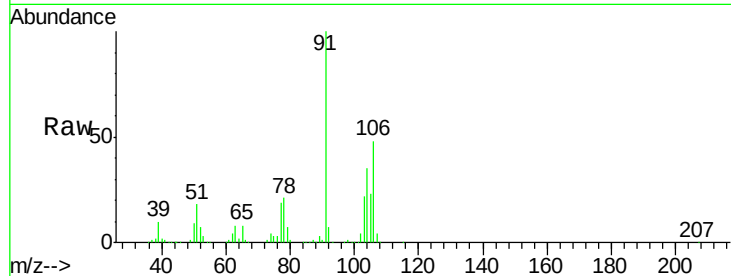
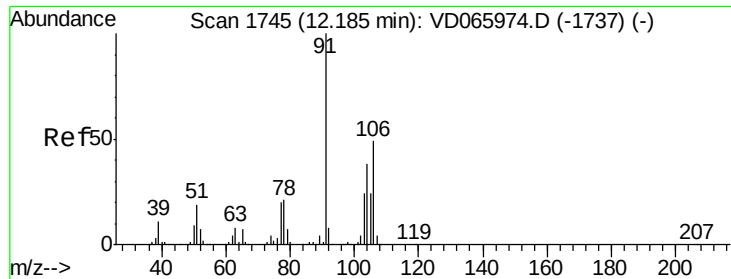
91 196.3 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





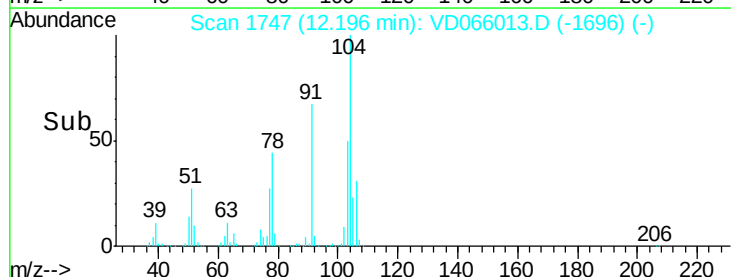
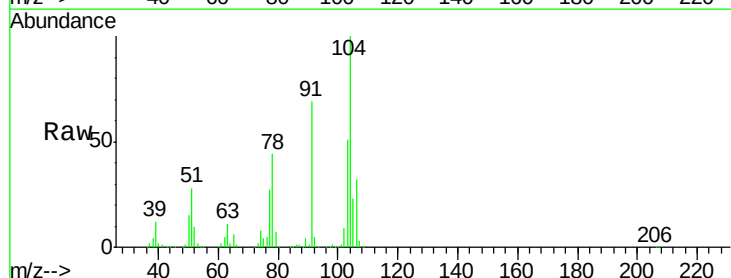
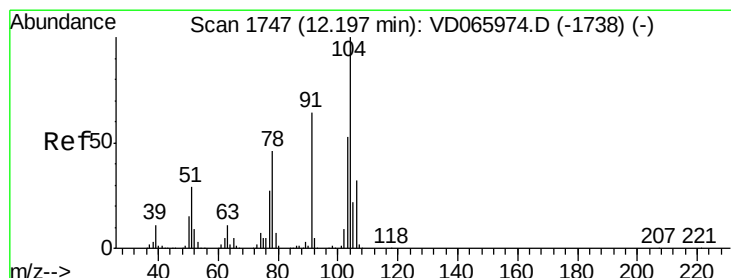
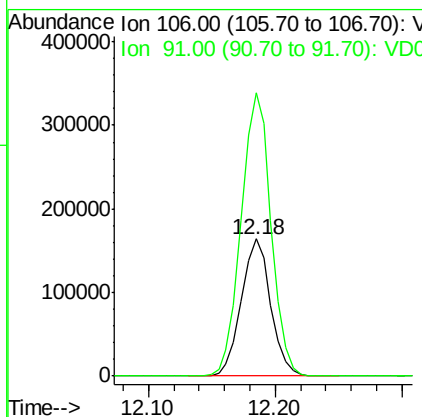
#69  
o-Xylene  
Concen: 52.368 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 263503 |       |       |
| 91      | 209.6 | 103.1  | 309.3 |       |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

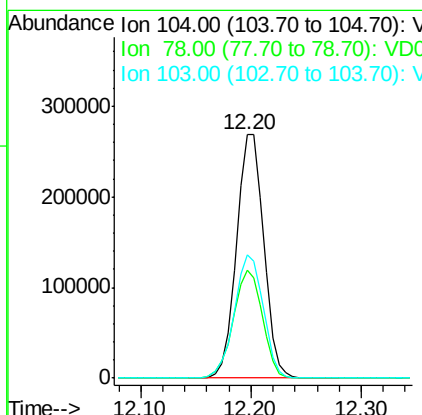
Manual Integrations  
APPROVED

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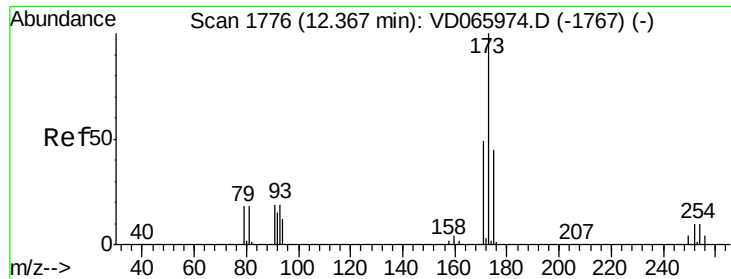


#70  
Styrene  
Concen: 54.122 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 467909 |       |       |
| 78      | 47.3  | 38.3   | 57.5  |       |
| 103     | 53.6  | 43.8   | 65.8  |       |







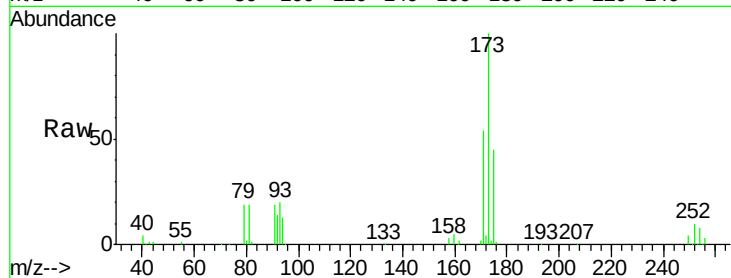
#71  
Bromoform  
Concen: 53.487 ug/l  
RT: 12.37 min Scan# 1776  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

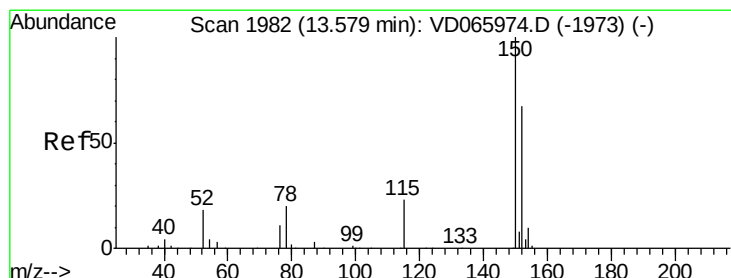
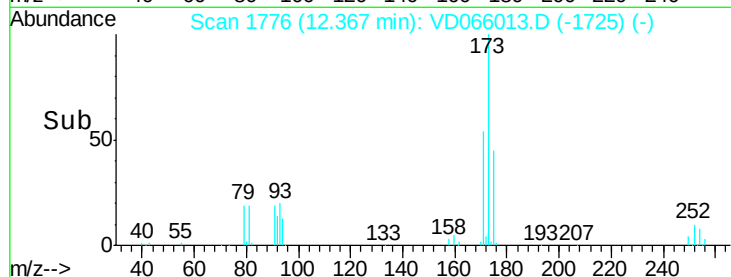
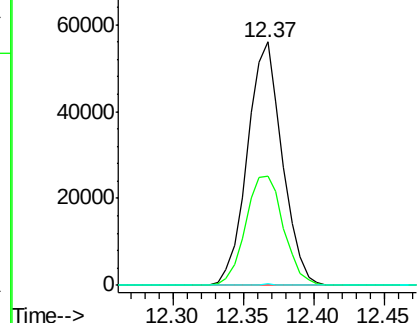
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.9  | 24.1  | 72.3  |
| 254     | 0.1   | 0.0   | 0.0#  |

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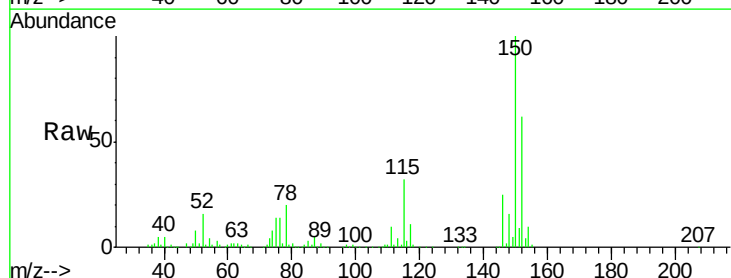


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

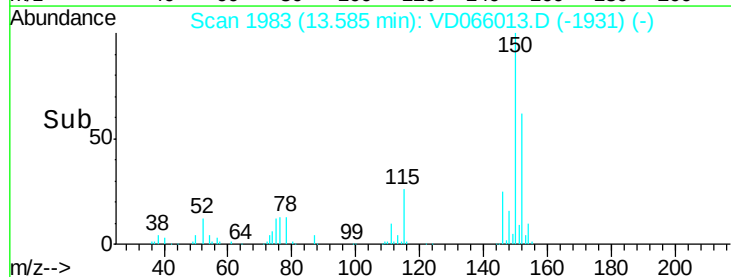
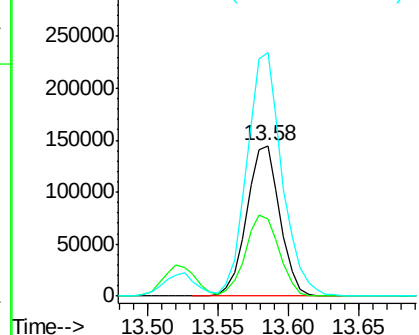


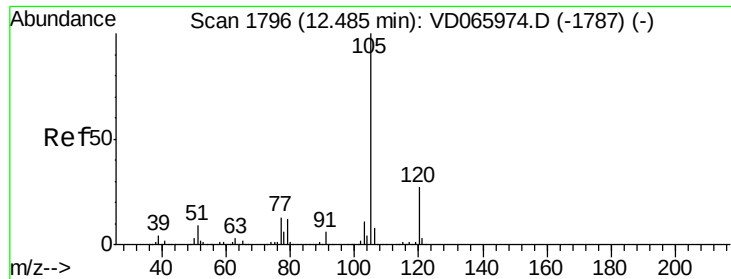
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1983  
Delta R.T. 0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.7  | 27.9  | 83.7  |
| 150     | 171.3 | 0.0   | 348.2 |



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: 49.429 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 710126

Ion Ratio Lower Upper

105 100

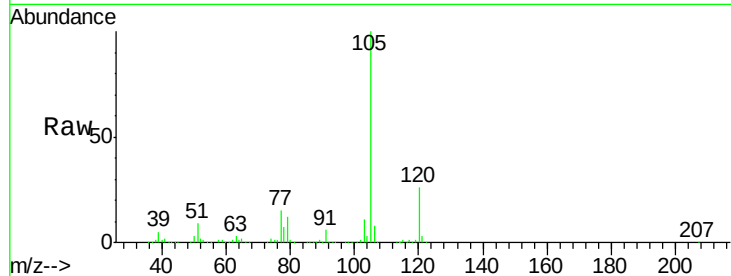
120 27.3 13.6 40.8

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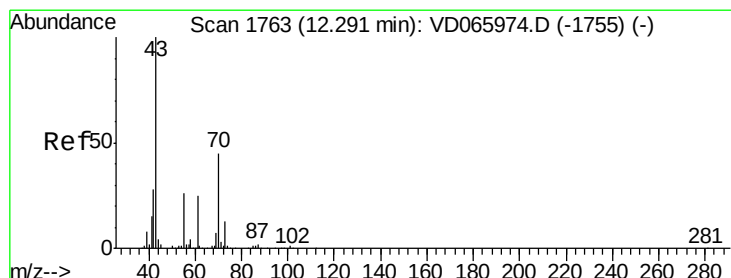
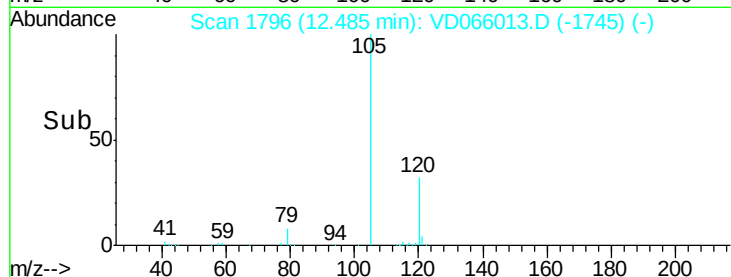
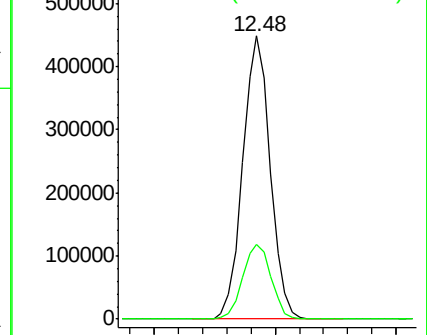
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.707 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Tgt Ion: 43 Resp: 159979

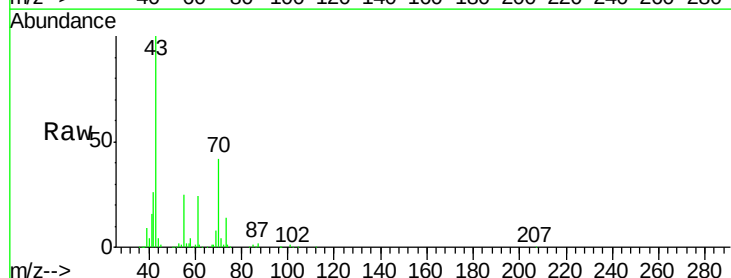
Ion Ratio Lower Upper

43 100

70 43.4 34.6 51.8

55 24.1 20.3 30.5

61 24.2 19.5 29.3

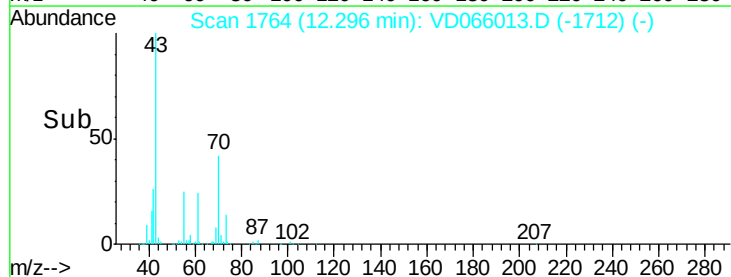
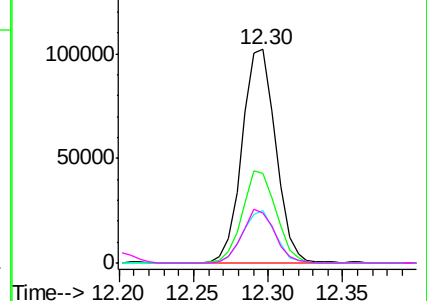


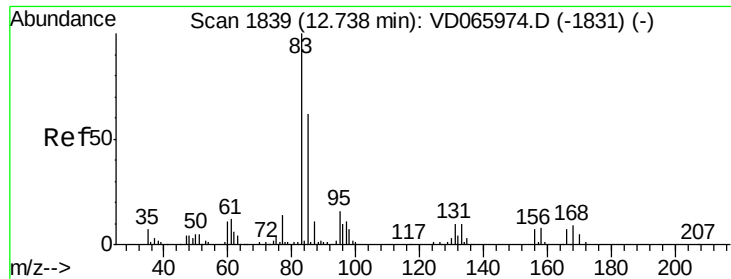
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.665 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

ClientSampleId :

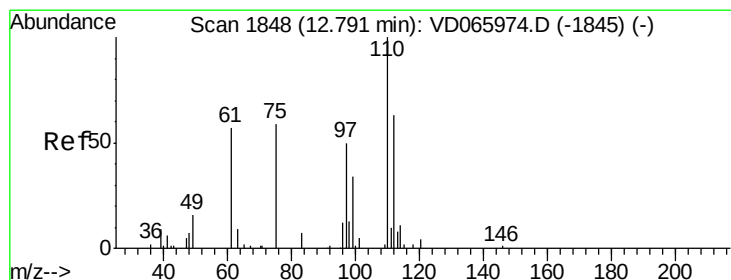
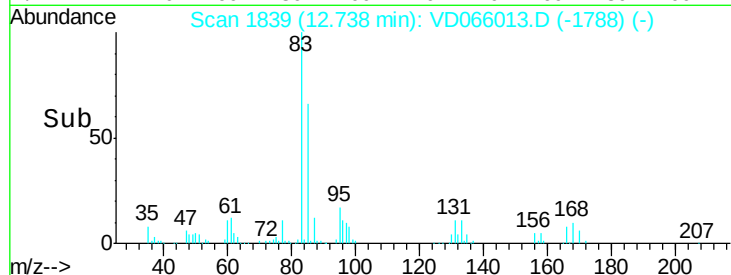
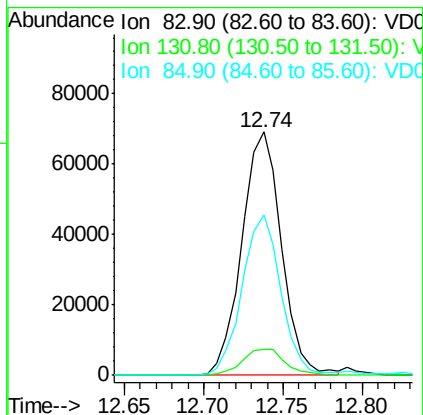
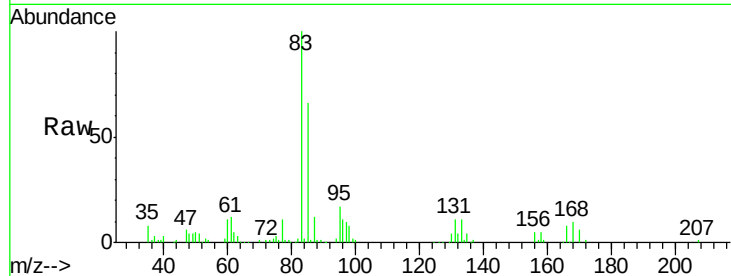
VSTDCCC050EC

Tot Ion: 83 Resp: 120292  
Ion Ratio Lower Upper

|     |      |      |      |
|-----|------|------|------|
| 83  | 100  |      |      |
| 131 | 11.7 | 5.7  | 17.1 |
| 85  | 64.1 | 31.9 | 95.5 |

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#76

1,2,3-Trichloropropane

Concen: 40.126 ug/l m

RT: 12.78 min Scan# 1847

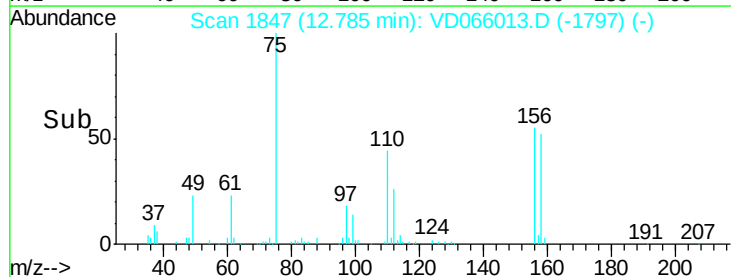
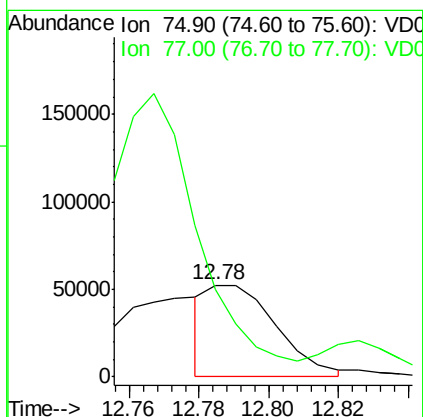
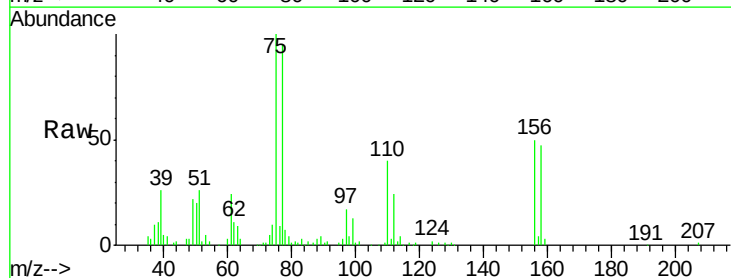
Delta R.T. -0.01 min

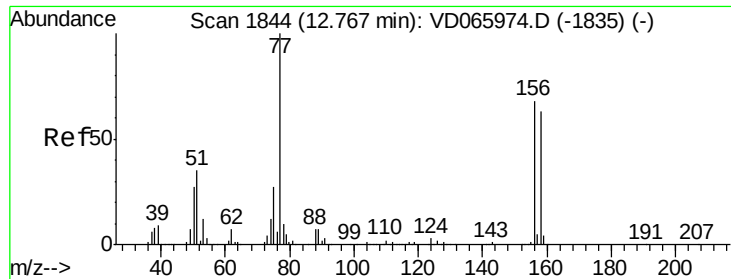
Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Tgt Ion: 75 Resp: 71732  
Ion Ratio Lower Upper

|    |       |     |      |
|----|-------|-----|------|
| 75 | 100   |     |      |
| 77 | 422.0 | 0.0 | 0.0# |





#77

Bromobenzene

Concen: 50.404 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

Instrument :

MSVOA\_D

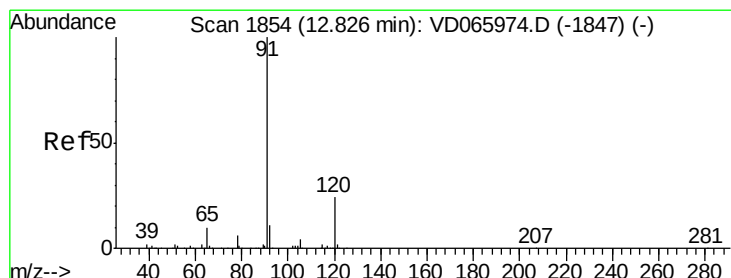
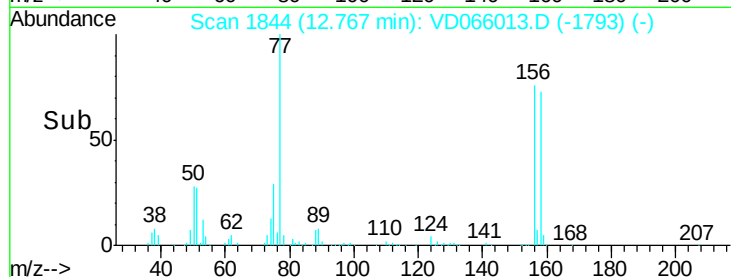
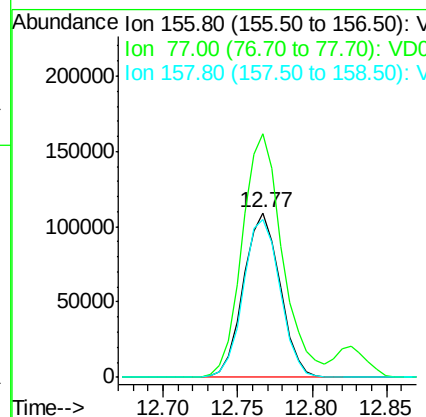
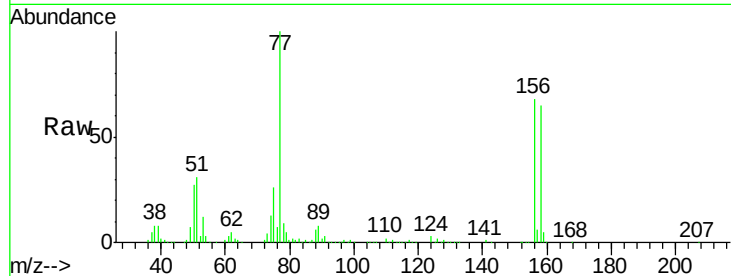
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 185061 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 163.6 | 83.0  | 249.0  |
| 158       | 96.5  | 48.2  | 144.6  |

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#78

n-propylbenzene

Concen: 48.858 ug/l

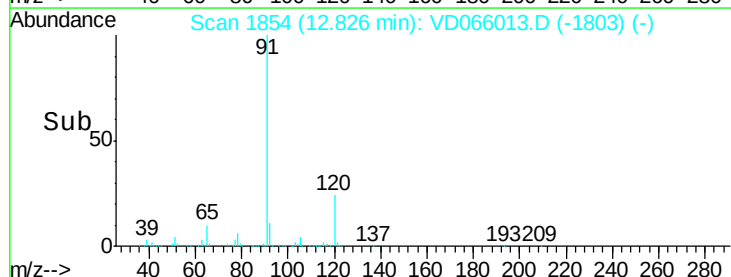
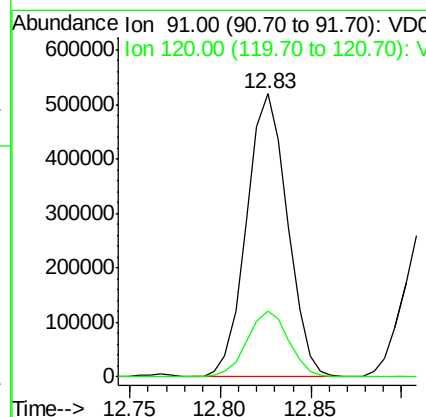
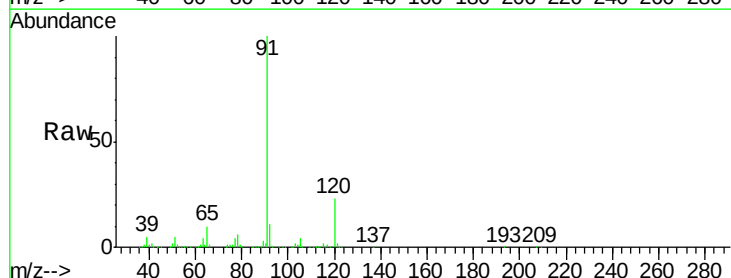
RT: 12.83 min Scan# 1854

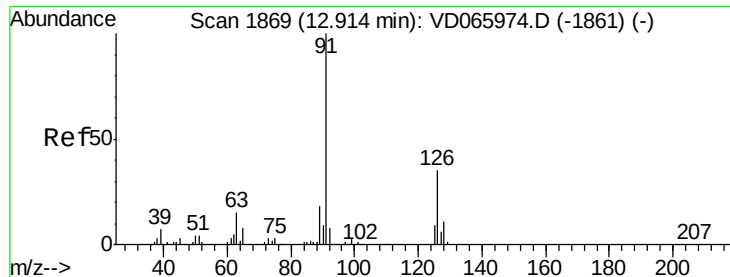
Delta R.T. -0.00 min

Lab File: VD066013.D

Acq: 22 Jul 2020 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 814508 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.9  | 12.0  | 36.0   |





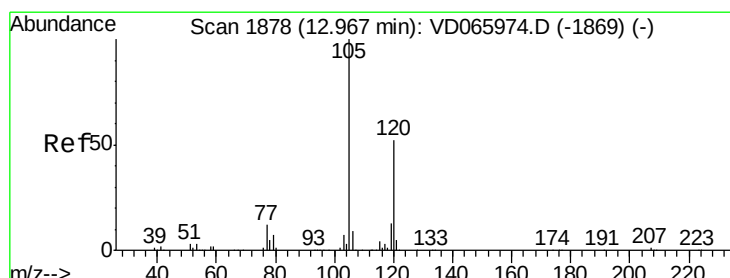
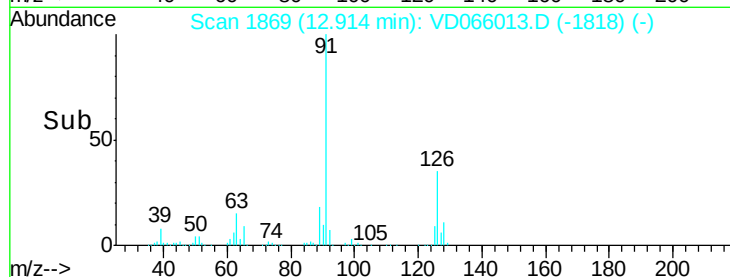
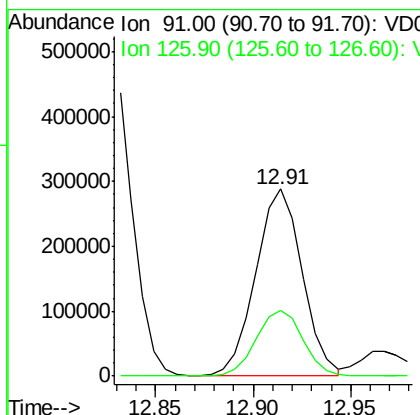
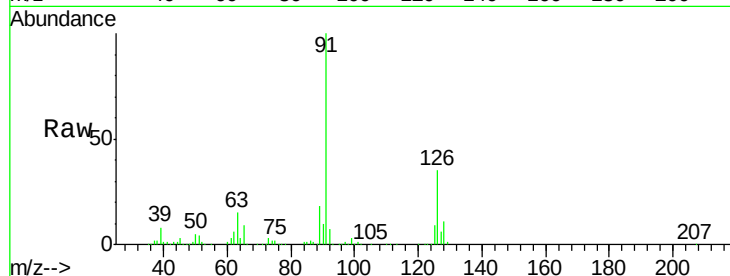
#79  
2-Chlorotoluene  
Concen: 49.816 ug/l  
RT: 12.91 min Scan# 1869  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 474463  
Ion Ratio Lower Upper  
91 100  
126 35.7 17.7 53.1

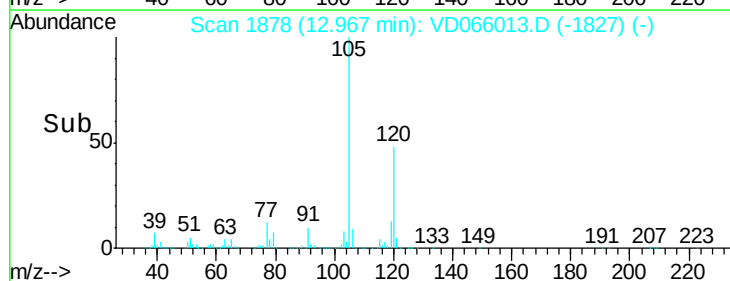
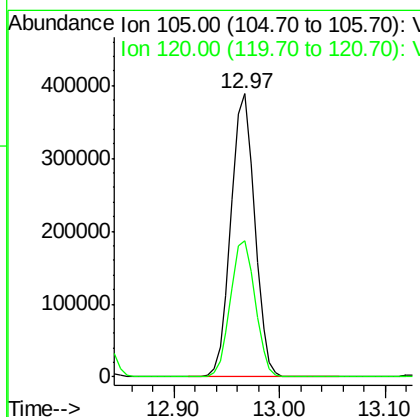
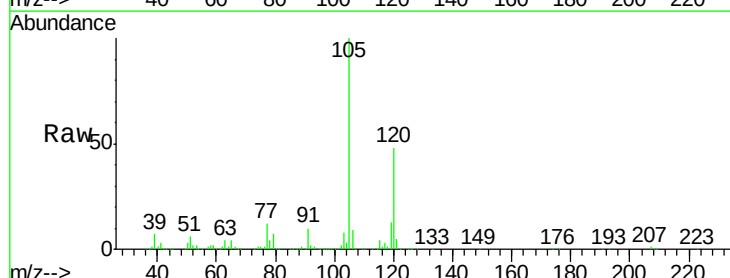
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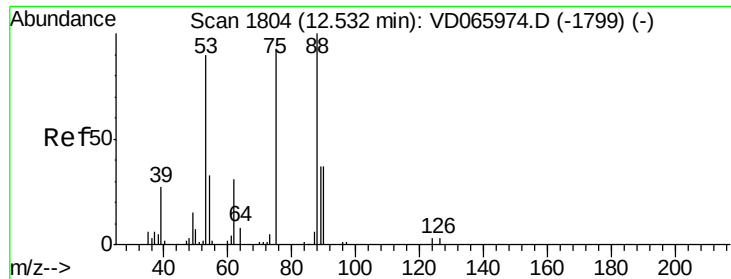
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#80  
1,3,5-Trimethylbenzene  
Concen: 50.993 ug/l  
RT: 12.97 min Scan# 1878  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Tgt Ion: 105 Resp: 601877  
Ion Ratio Lower Upper  
105 100  
120 50.2 25.6 76.6





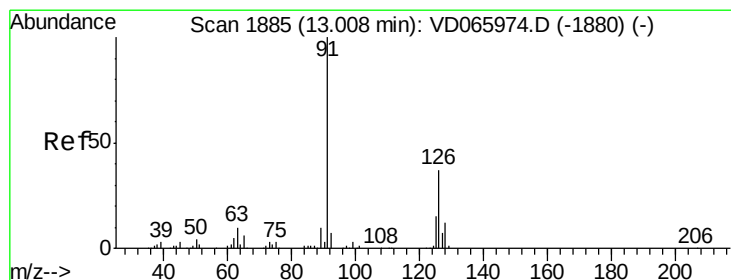
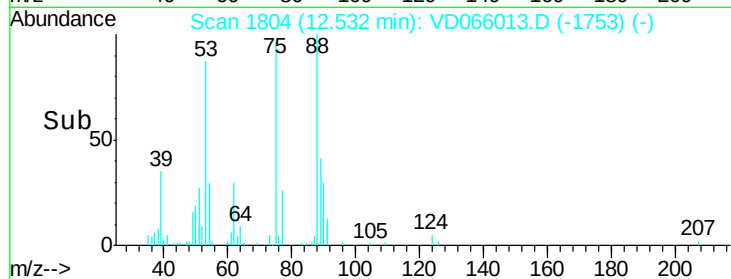
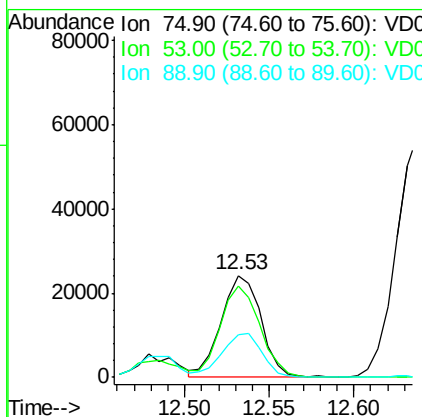
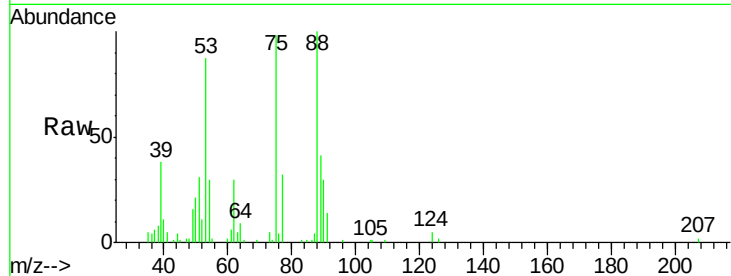
#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.923 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 90.3  | 76.8  | 115.2 |
| 89      | 43.7  | 37.0  | 55.4  |

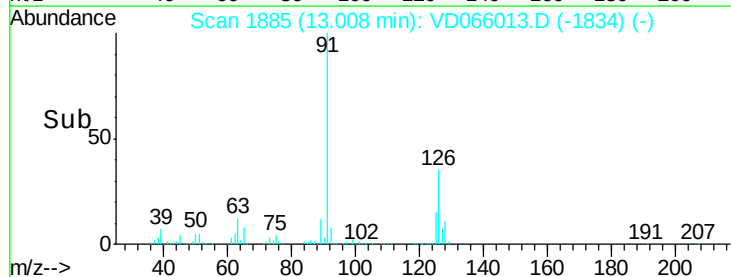
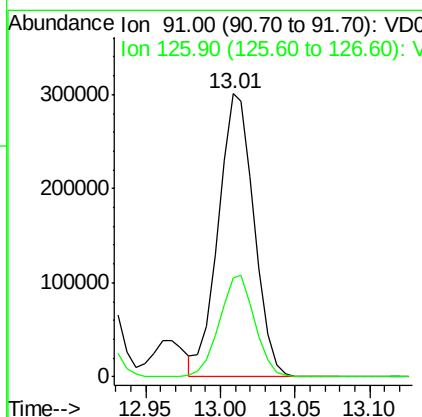
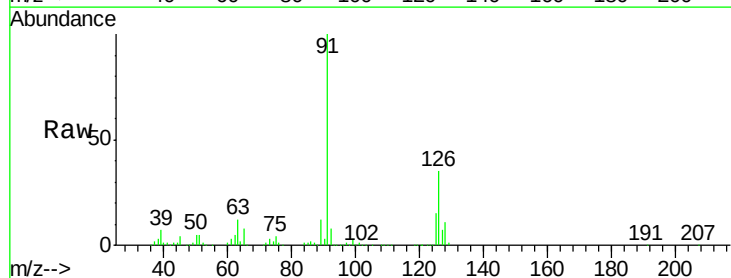
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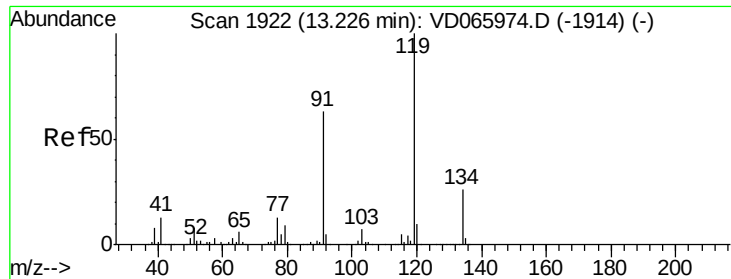
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#82  
4-Chlorotoluene  
Concen: 49.816 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.5  | 17.8  | 53.5  |





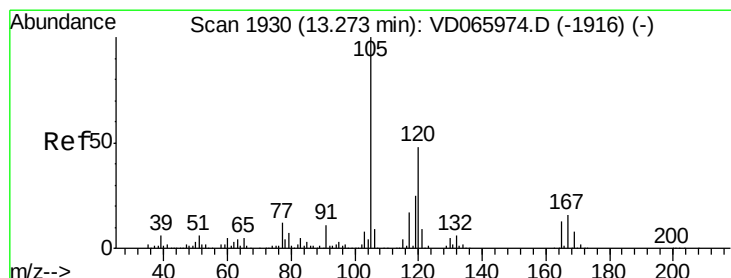
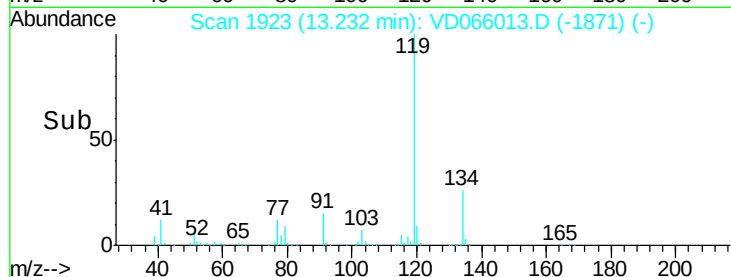
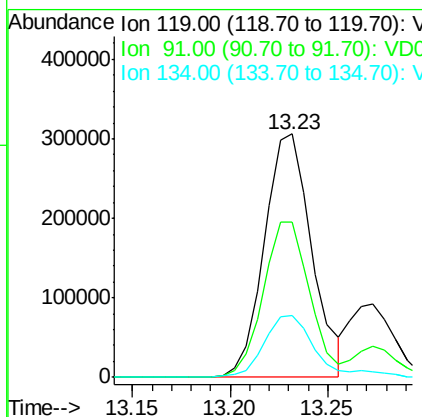
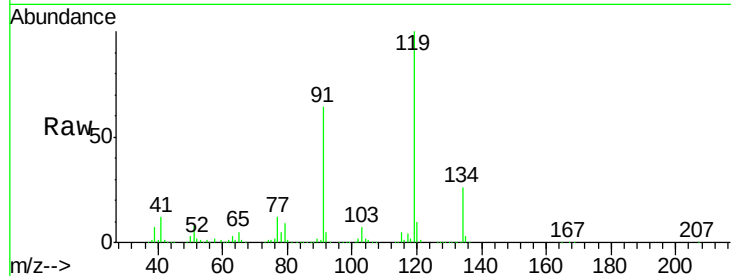
#83  
tert-Butylbenzene  
Concen: 50.005 ug/l  
RT: 13.23 min Scan# 1923  
Delta R.T. 0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 62.1  | 30.6  | 91.6  |
| 134     | 27.5  | 13.9  | 41.7  |

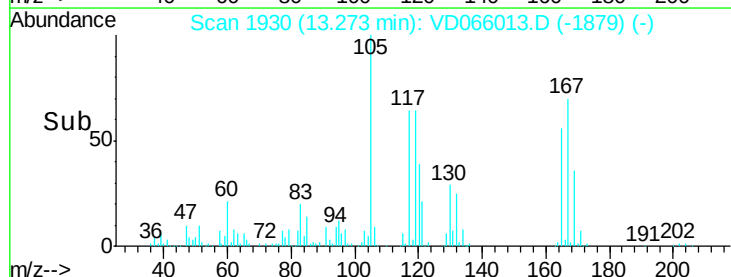
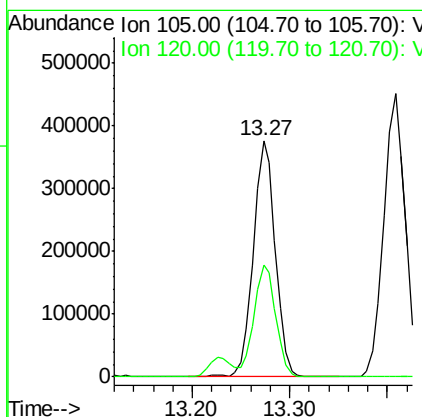
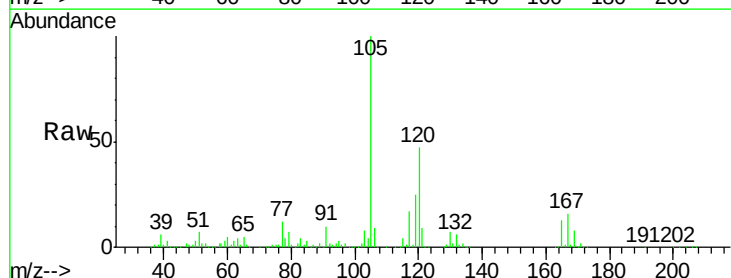
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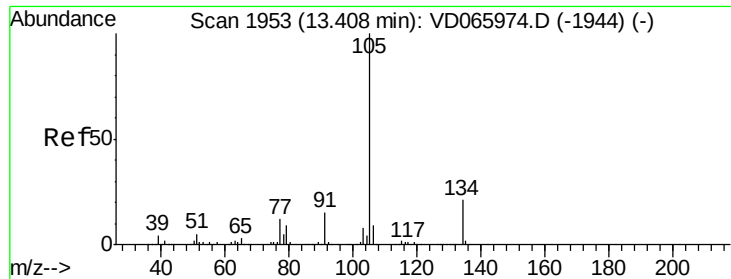
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#84  
1,2,4-Trimethylbenzene  
Concen: 51.408 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 47.6  | 23.9  | 71.8  |





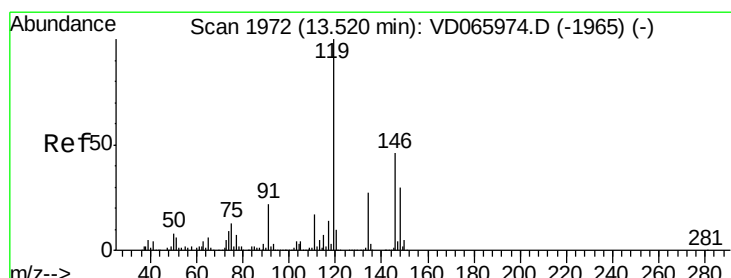
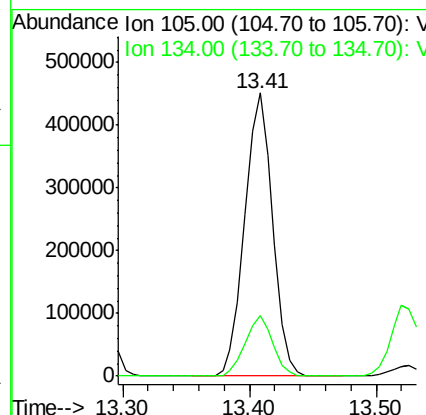
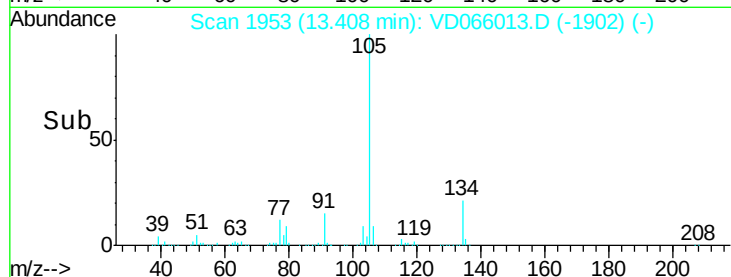
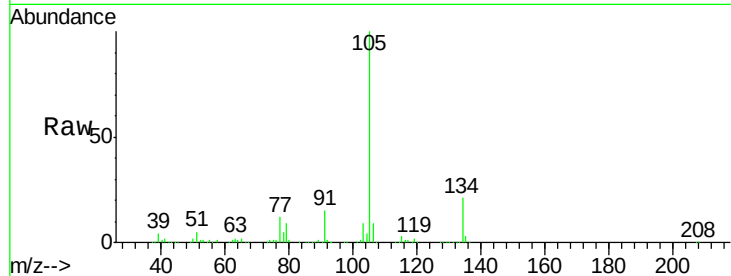
#85  
 sec-Butylbenzene  
 Concen: 48.362 ug/l  
 RT: 13.41 min Scan# 1953  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 21.2  | 10.4  | 31.4  |

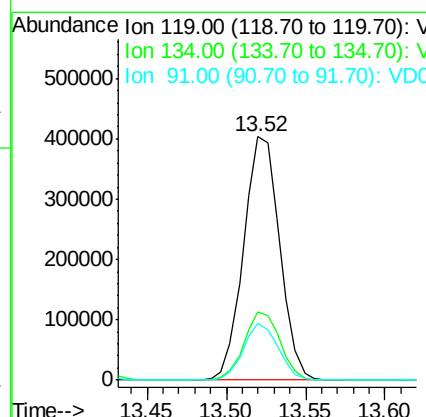
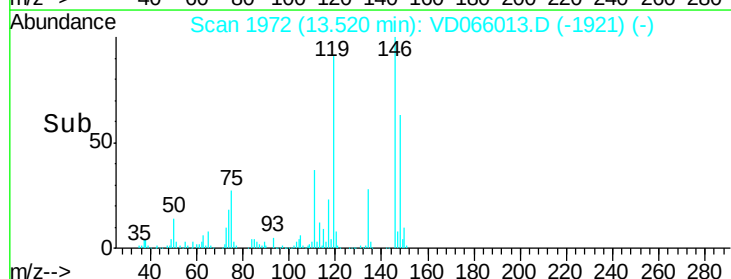
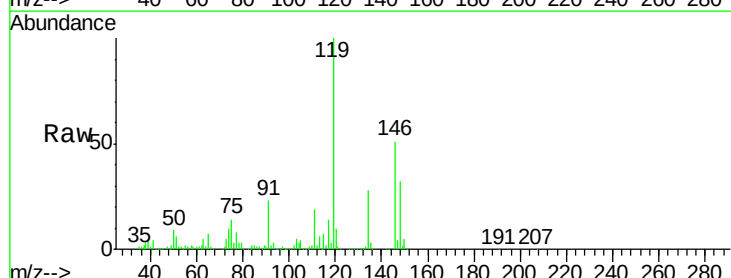
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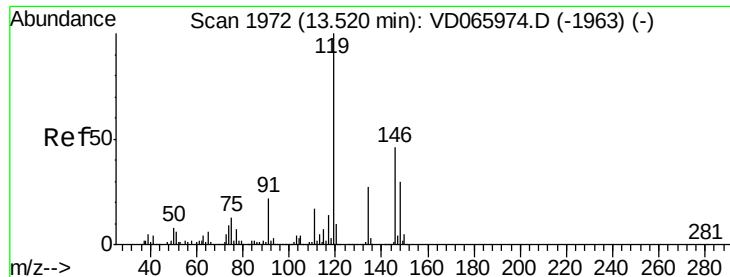


#86  
 p-Isopropyltoluene  
 Concen: 49.404 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 27.8  | 13.4  | 40.2  |
| 91      | 22.4  | 11.1  | 33.3  |







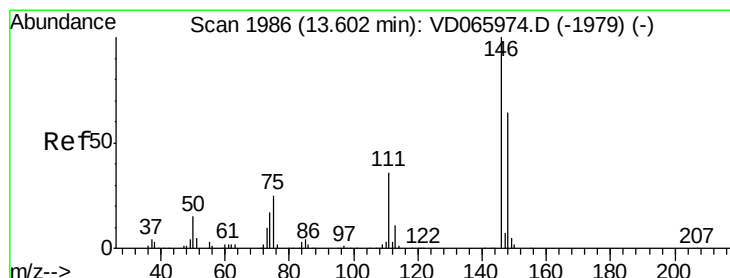
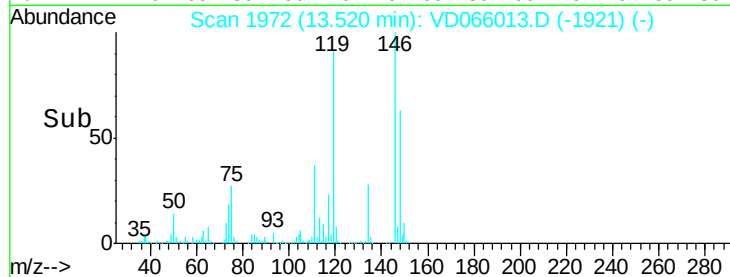
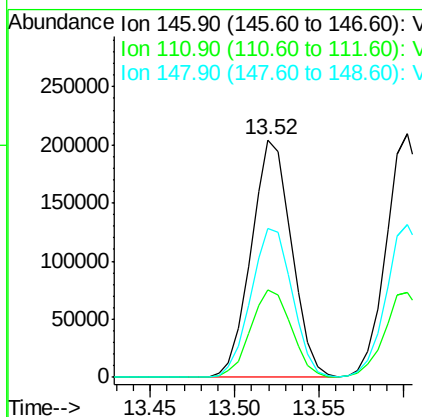
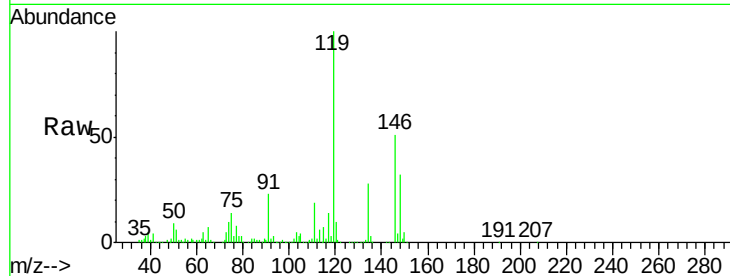
#87  
 1,3-Dichlorobenzene  
 Concen: 49.798 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 339455 |       |       |
| 111     | 37.3  | 18.6   | 55.6  |       |
| 148     | 64.4  | 32.4   | 97.0  |       |

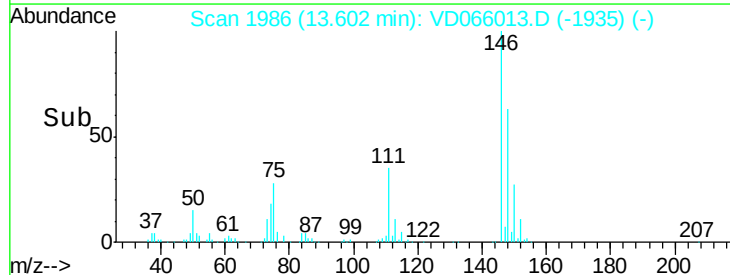
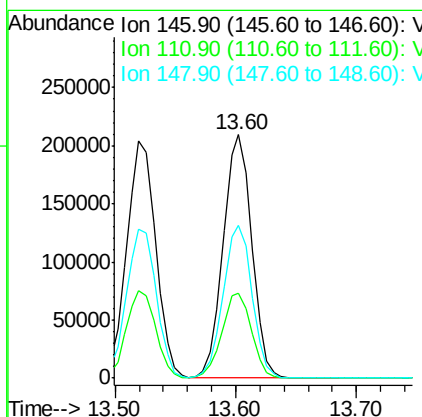
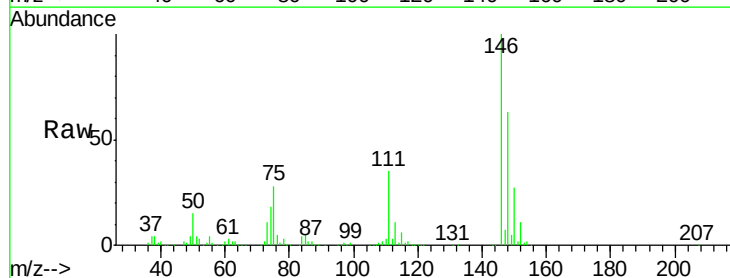
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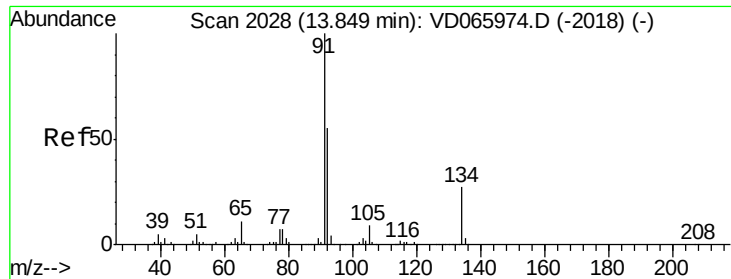
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#88  
 1,4-Dichlorobenzene  
 Concen: 49.918 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 343994 |       |       |
| 111     | 36.0  | 18.8   | 56.4  |       |
| 148     | 63.3  | 32.2   | 96.6  |       |





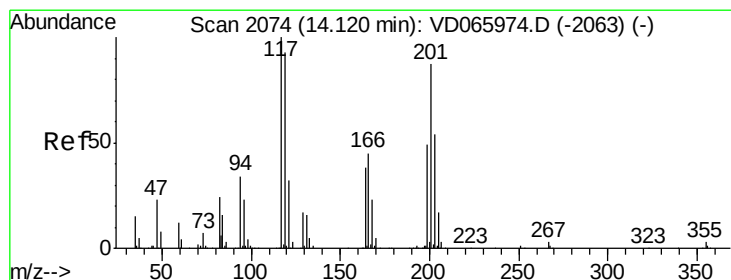
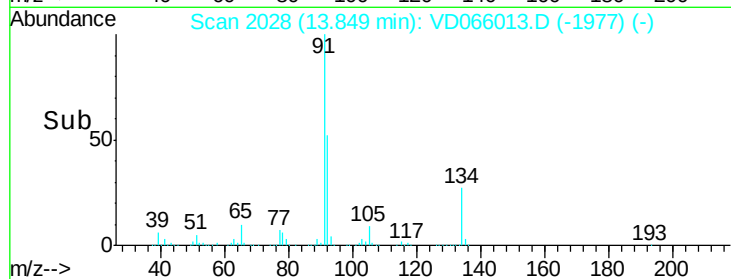
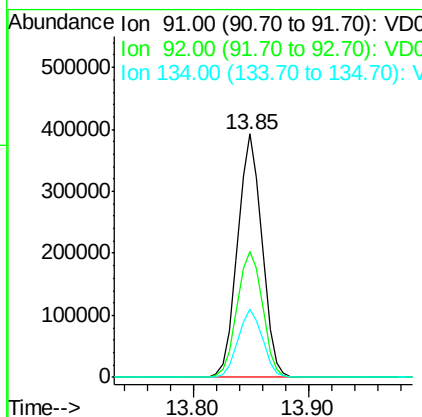
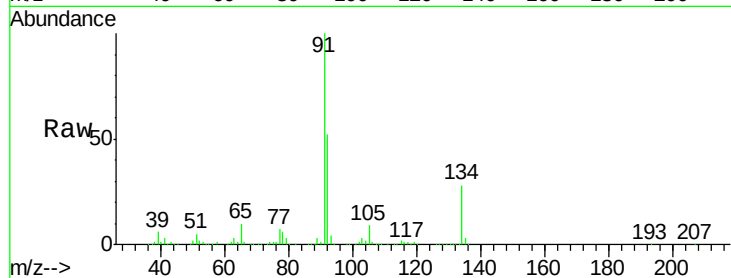
#89  
n-Butylbenzene  
Concen: 47.828 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.0  | 27.2  | 81.6  |
| 134     | 28.2  | 13.8  | 41.4  |

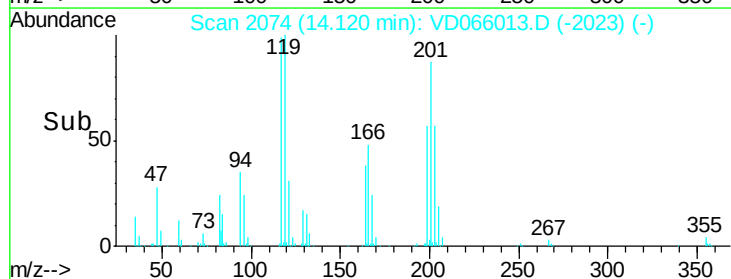
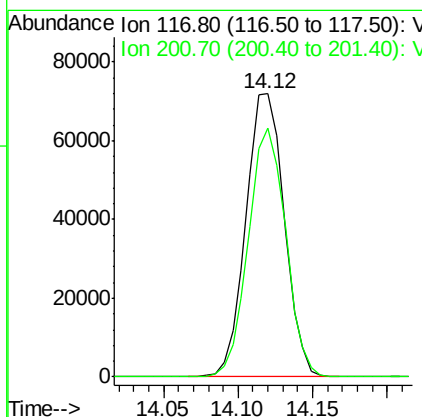
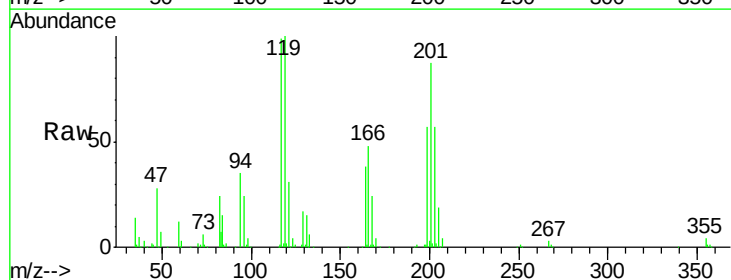
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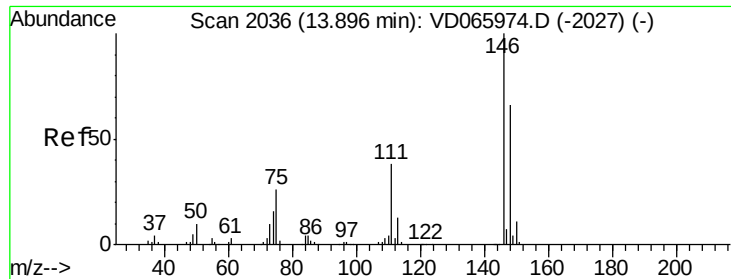
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#90  
Hexachloroethane  
Concen: 47.840 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 85.3  | 42.0  | 126.1 |





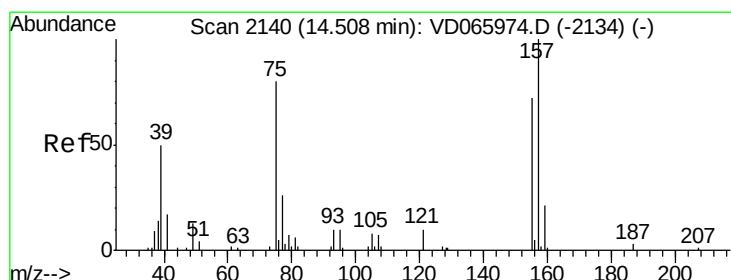
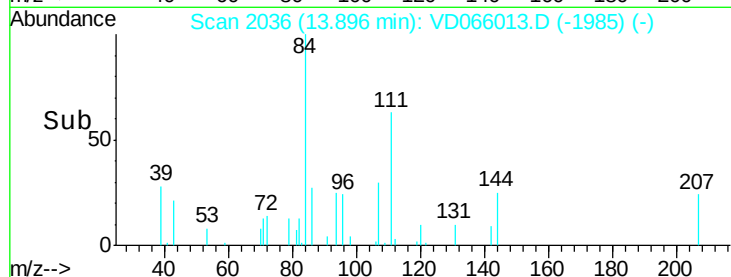
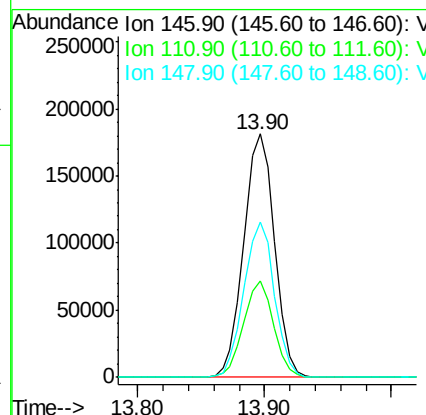
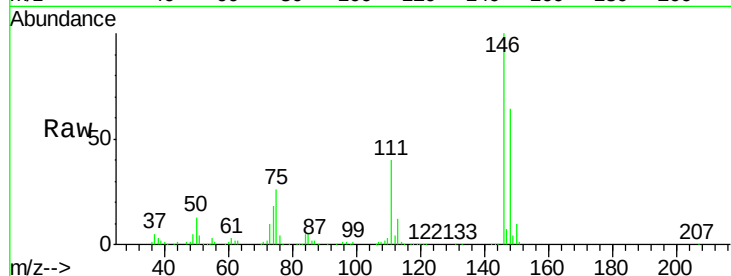
#91  
 1,2-Dichlorobenzene  
 Concen: 51.832 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. -0.00 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.6  | 19.3  | 57.9  |
| 148     | 63.3  | 32.7  | 98.1  |

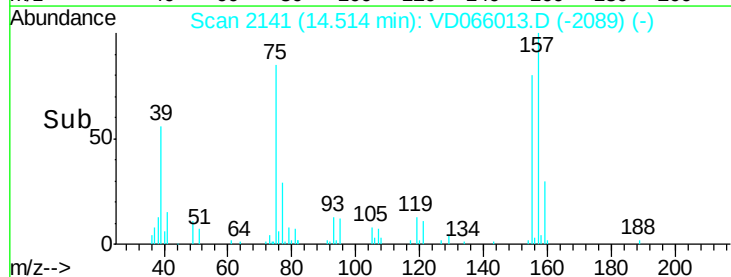
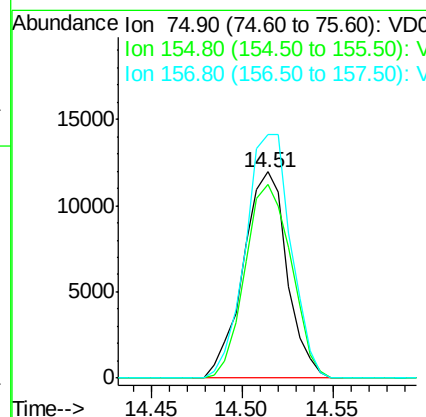
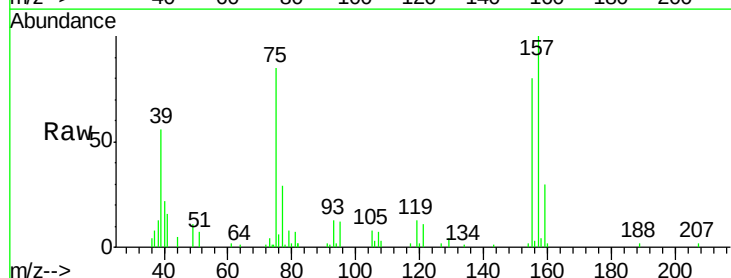
Manual Integrations  
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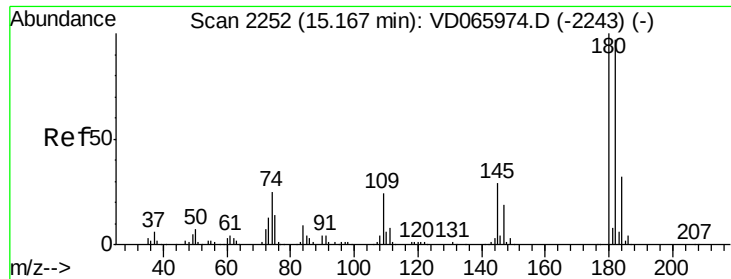
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.853 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. 0.01 min  
 Lab File: VD066013.D  
 Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 98.3  | 48.5  | 145.5 |
| 157     | 122.6 | 64.7  | 194.1 |





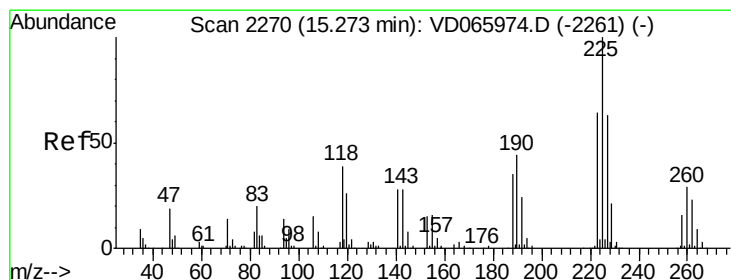
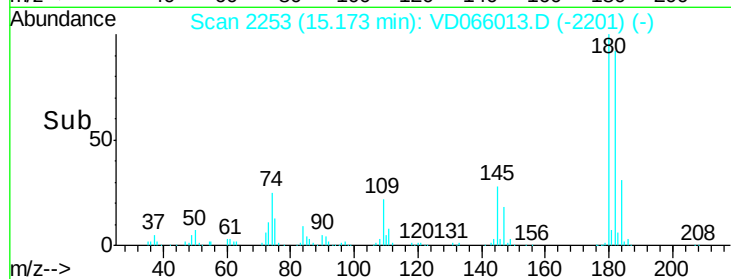
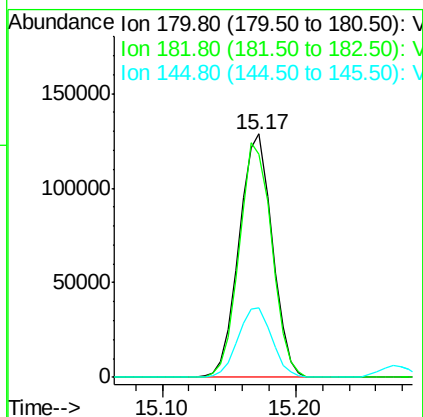
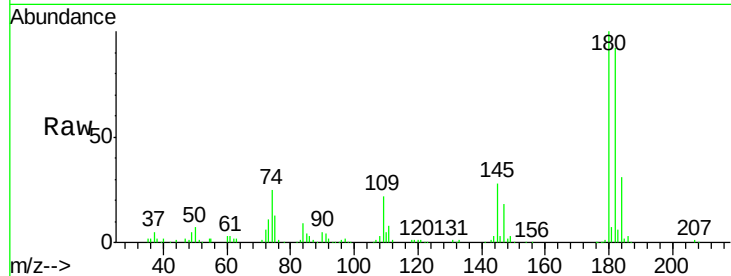
#93  
1,2,4-Trichlorobenzene  
Concen: 52.190 ug/l  
RT: 15.17 min Scan# 2253  
Delta R.T. 0.01 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 221282 |       |       |
| 182     | 94.8  | 48.1   | 144.3 |       |
| 145     | 29.1  | 14.7   | 44.1  |       |

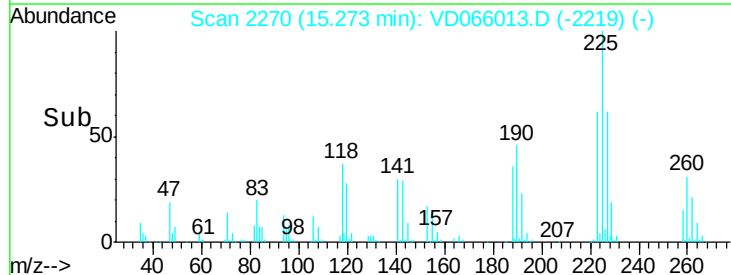
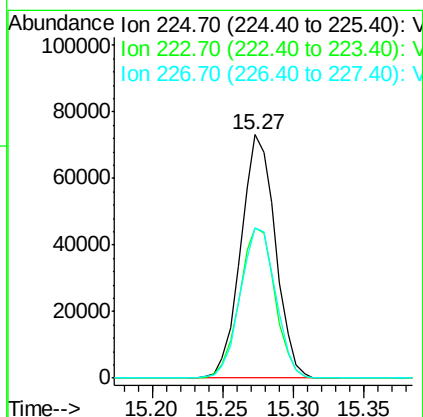
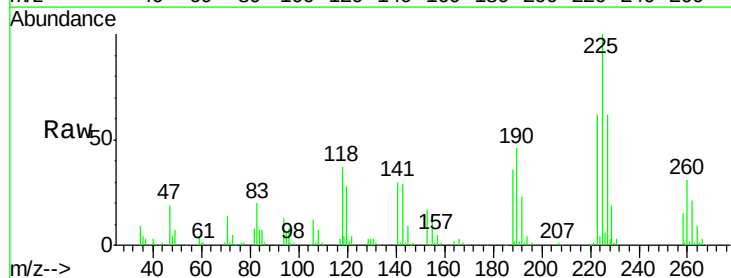
Manual Integrations  
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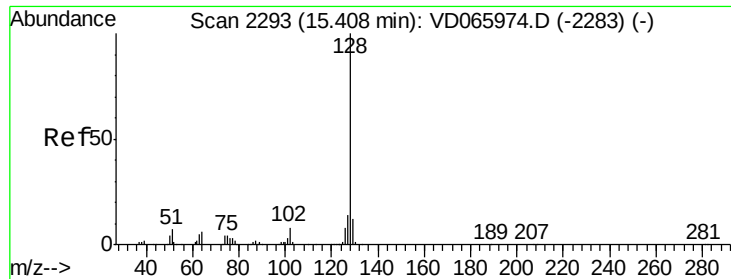
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#94  
Hexachlorobutadiene  
Concen: 47.719 ug/l  
RT: 15.27 min Scan# 2270  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 125084 |       |       |
| 223     | 63.3  | 31.2   | 93.6  |       |
| 227     | 63.5  | 31.6   | 94.8  |       |





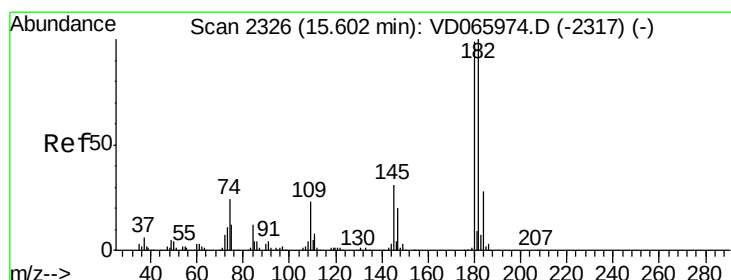
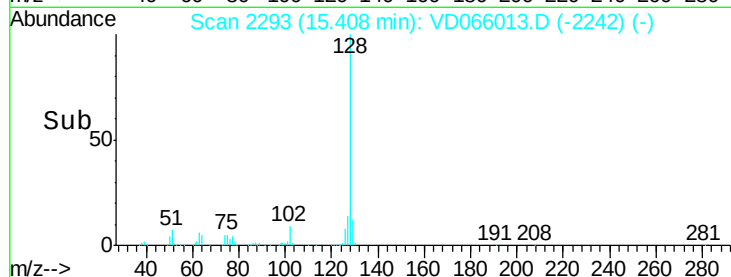
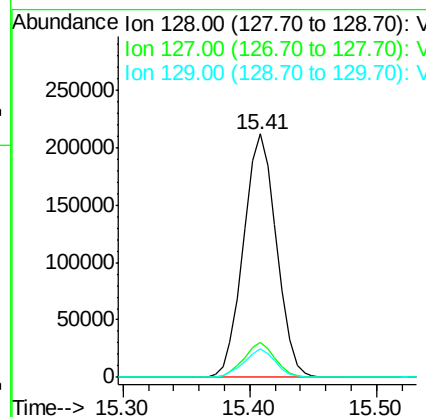
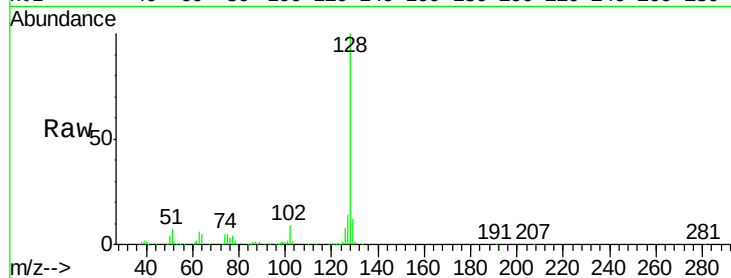
#95  
Naphthalene  
Concen: 50.644 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.8  | 10.8  | 16.2  |
| 129     | 11.1  | 8.9   | 13.3  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 52.409 ug/l  
RT: 15.60 min Scan# 2326  
Delta R.T. -0.00 min  
Lab File: VD066013.D  
Acq: 22 Jul 2020 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 47.9  | 143.6 |
| 145     | 31.6  | 15.4  | 46.2  |

