

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\  
 Data File : VD067876.D  
 Acq On : 04 Dec 2020 10:18  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 12/7/2020 11:30:43 AM

Quant Time: Dec 04 23:54:43 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D120120S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 02 08:05:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 221049   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 311943   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 288786   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 146844   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65    | 110243   | 46.46    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 50 - 163 | Recovery | =    | 92.92%  |
| 35) Dibromofluoromethane  | 7.92   | 113   | 100803   | 48.29    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 54 - 147 | Recovery | =    | 96.58%  |
| 50) Toluene-d8            | 10.34  | 98    | 372829   | 49.62    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 49 - 140 | Recovery | =    | 99.24%  |
| 62) 4-Bromofluorobenzene  | 12.64  | 95    | 130313   | 50.16    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 25 - 144 | Recovery | =    | 100.32% |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 103093 | 53.590  | ug/l   | 99     |
| 3) Chloromethane              | 2.21 | 50  | 50814  | 45.770  | ug/l   | 95     |
| 4) Vinyl Chloride             | 2.36 | 62  | 70427  | 50.368  | ug/l   | 98     |
| 5) Bromomethane               | 2.77 | 94  | 77630  | 62.193  | ug/l   | 100    |
| 6) Chloroethane               | 2.93 | 64  | 47572  | 52.256  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 3.28 | 101 | 214724 | 50.185  | ug/l   | 96     |
| 8) Diethyl Ether              | 3.71 | 74  | 38608  | 46.296  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 95721  | 49.061  | ug/l   | 97     |
| 10) Methyl Iodide             | 4.31 | 142 | 93340  | 45.135  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.20 | 59  | 25895  | 200.980 | ug/l # | 81     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 91095  | 49.732  | ug/l   | 96     |
| 13) Acrolein                  | 3.93 | 56  | 19365  | 212.352 | ug/l   | 97     |
| 14) Allyl chloride            | 4.72 | 41  | 84668  | 49.966  | ug/l   | 96     |
| 15) Acrylonitrile             | 5.43 | 53  | 67017  | 231.764 | ug/l   | 97     |
| 16) Acetone                   | 4.16 | 43  | 71013  | 242.170 | ug/l   | 93     |
| 17) Carbon Disulfide          | 4.41 | 76  | 248438 | 48.579  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.72 | 43  | 26028  | 47.256  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73  | 194259 | 49.527  | ug/l   | 95     |
| 20) Methylene Chloride        | 4.97 | 84  | 98899  | 52.251  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 103122 | 49.474  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.37 | 45  | 167040 | 49.012  | ug/l   | 96     |
| 23) Vinyl Acetate             | 6.31 | 43  | 480234 | 253.287 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 149701 | 50.108  | ug/l   | 99     |
| 25) 2-Butanone                | 7.21 | 43  | 72087  | 233.724 | ug/l   | 94     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 184811 | 51.876  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 113372 | 49.728  | ug/l   | 96     |
| 28) Bromochloromethane        | 7.55 | 49  | 45365  | 47.826  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 40275  | 229.338 | ug/l   | 95     |
| 30) Chloroform                | 7.71 | 83  | 196530 | 49.224  | ug/l   | 96     |
| 31) Cyclohexane               | 7.98 | 56  | 114625 | 45.847  | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 210264 | 49.890  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 136357 | 50.494  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.30 | 43  | 33553  | 46.101  | ug/l # | 82     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 212354 | 51.972  | ug/l   | 96     |

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 12/7/2020 11:30:43 AM

Quant Time: Dec 04 23:54:43 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D120120S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 02 08:05:58 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 157296   | 49.152  | ug/l   | 98       |
| 40) Benzene                    | 8.35  | 78   | 372393   | 50.397  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.52  | 41   | 16723    | 48.226  | ug/l # | 73       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 130103   | 49.402  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 66316    | 46.308  | ug/l # | 59       |
| 44) Trichloroethene            | 9.11  | 130  | 126988   | 49.985  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.40  | 63   | 73280    | 48.319  | ug/l   | 97       |
| 46) Dibromomethane             | 9.48  | 93   | 51452    | 48.795  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.67  | 83   | 150411   | 50.035  | ug/l   | 95       |
| 48) Methyl methacrylate        | 9.46  | 41   | 33137    | 45.569  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 9893     | 821.080 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 157524   | 232.412 | ug/l   | 98       |
| 52) Toluene                    | 10.41 | 92   | 259805   | 50.289  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 129347   | 49.852  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 142918   | 50.640  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 66958    | 46.401  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 68463    | 46.630  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 107038   | 46.827  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 172934   | 258.849 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.99 | 43   | 119378   | 249.851 | ug/l   | 96       |
| 60) Dibromochloromethane       | 11.14 | 129  | 106499   | 48.959  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 65921    | 46.454  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 107628   | 45.691  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.67 | 112  | 293626   | 49.276  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 119607   | 49.213  | ug/l   | 96       |
| 67) Ethyl Benzene              | 11.75 | 91   | 506288   | 49.877  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 390098   | 97.463  | ug/l   | 98       |
| 69) o-Xylene                   | 12.18 | 106  | 184995   | 52.062  | ug/l   | 98       |
| 70) Styrene                    | 12.20 | 104  | 315293   | 51.029  | ug/l   | 99       |
| 71) Bromoform                  | 12.37 | 173  | 62288    | 48.417  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 518433   | 51.338  | ug/l   | 97       |
| 74) N-amyl acetate             | 12.29 | 43   | 59097    | 47.310  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 58829    | 44.125  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 48019m   | 44.904  | ug/l   |          |
| 77) Bromobenzene               | 12.77 | 156  | 124807   | 49.713  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.83 | 91   | 559199   | 49.962  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 324370   | 49.262  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 441358   | 50.480  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 19009    | 42.522  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 354630   | 50.489  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 381224   | 51.238  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 432717   | 49.770  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 483154   | 48.654  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 474067   | 48.710  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 230852   | 47.669  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 233782   | 48.253  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 390473   | 48.292  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.11 | 117  | 85703    | 47.697  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 201658   | 48.011  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 12341    | 44.353  | ug/l   | 93       |

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Data File : VD067876.D  
Acq On : 04 Dec 2020 10:18  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

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12/7/2020 11:30:43 AM

Quant Time: Dec 04 23:54:43 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D120120S.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 02 08:05:58 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 142520   | 48.509 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 89760    | 46.820 | ug/l  | 96       |
| 95) Naphthalene            | 15.40 | 128  | 226919   | 47.465 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 123163   | 48.542 | ug/l  | 100      |

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

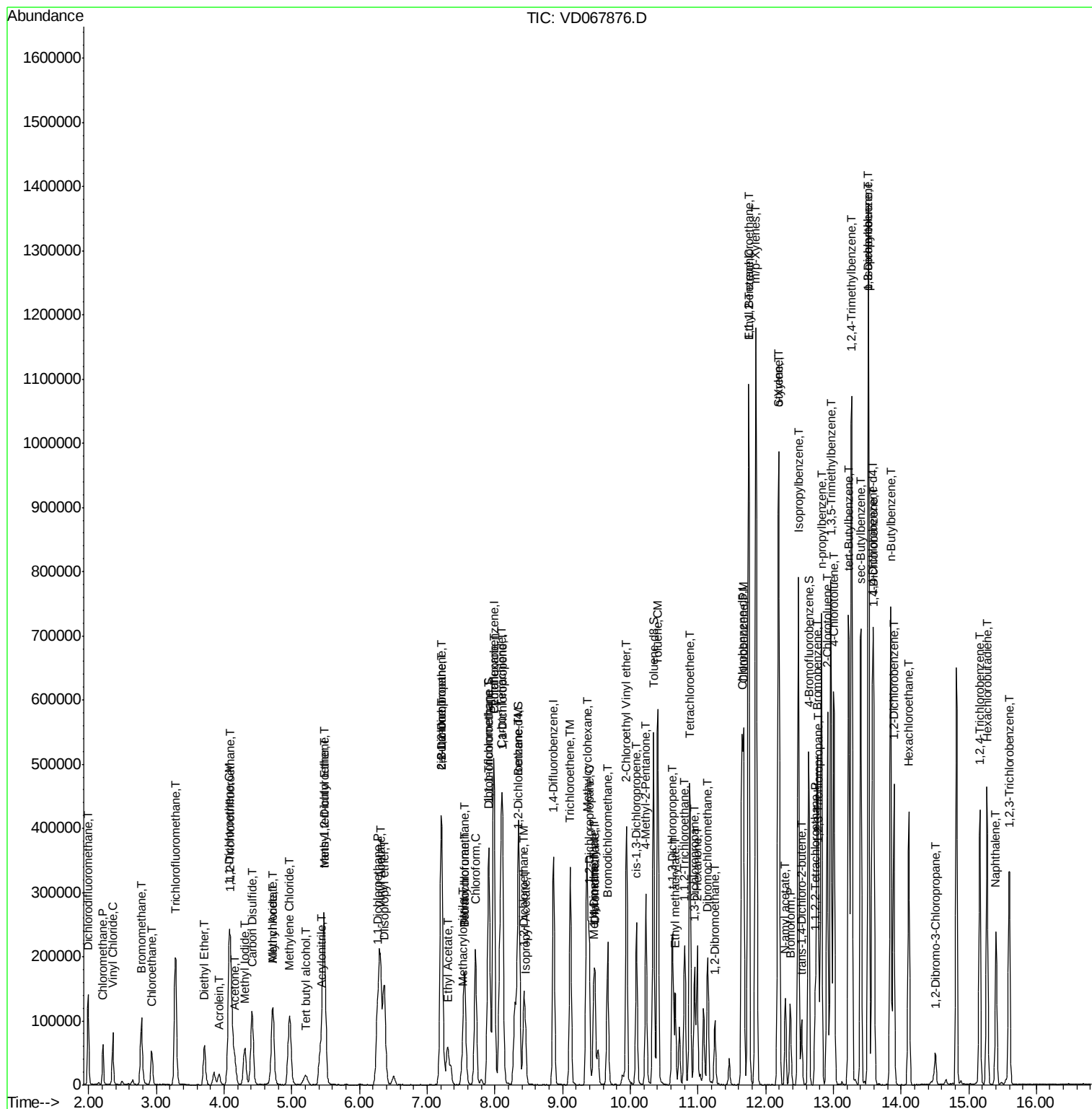
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Data File : VD067876.D  
Acq On : 04 Dec 2020 10:18  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

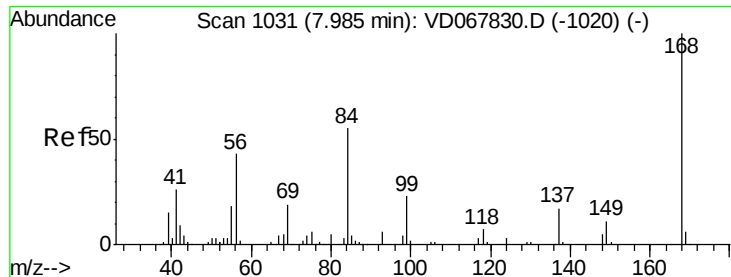
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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12/7/2020 11:30:43 AM

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QLast Update : Wed Dec 02 08:05:58 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 221049

Ion Ratio Lower Upper

168 100

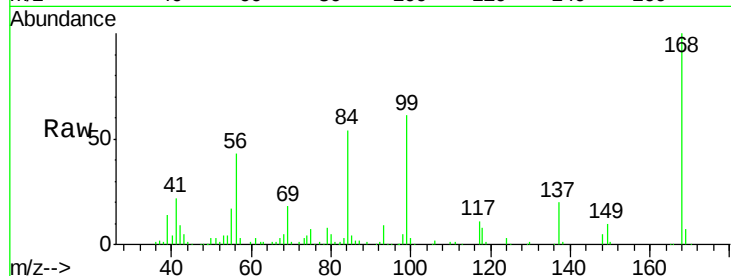
99 60.6 47.1 70.7

Manual Integrations

APPROVED

MMDadoda

12/7/2020 11:30:43 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

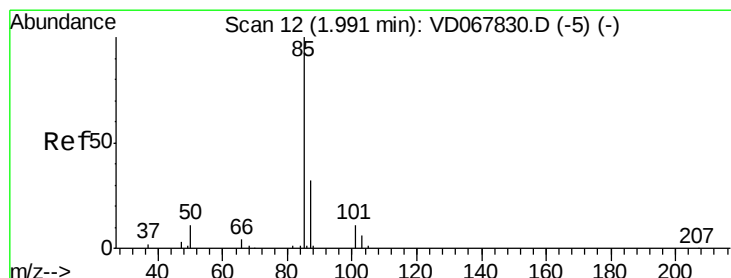
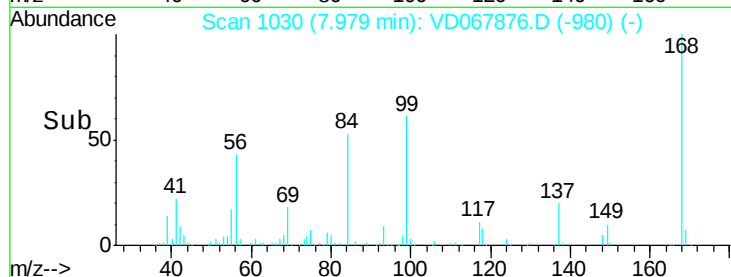
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 53.590 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD067876.D

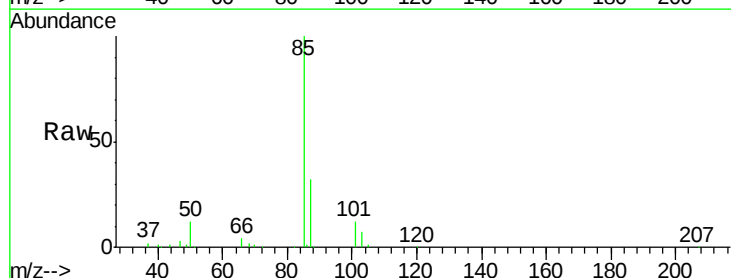
Acq: 04 Dec 2020 10:18

Tgt Ion: 85 Resp: 103093

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

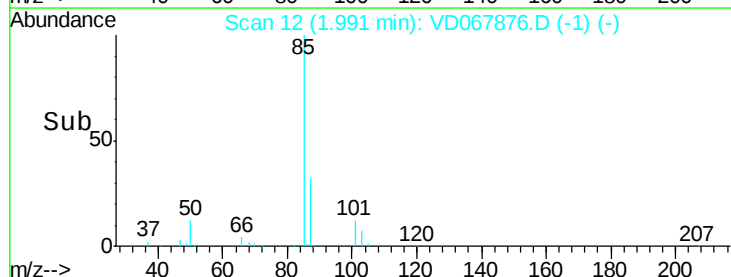
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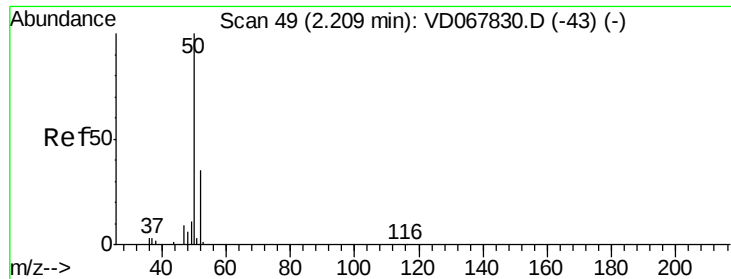
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0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 45.770 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 50814

Ion Ratio Lower Upper

50 100

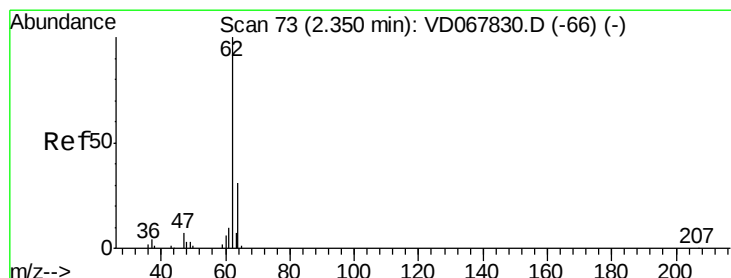
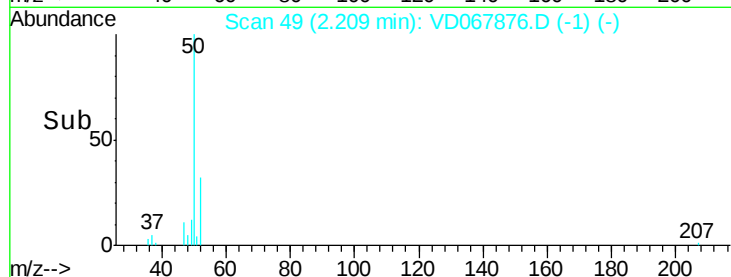
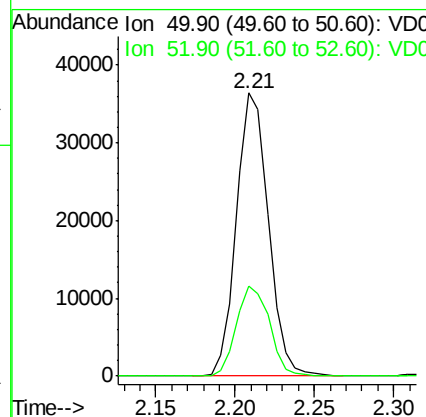
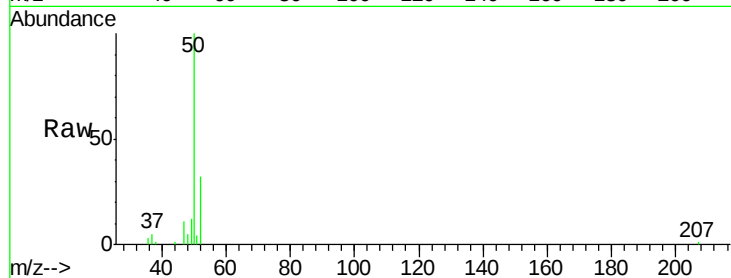
52 32.0 27.8 41.6

Manual Integrations

APPROVED

MMDadoda

12/7/2020 11:30:43 AM



#4

Vinyl Chloride

Concen: 50.368 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067876.D

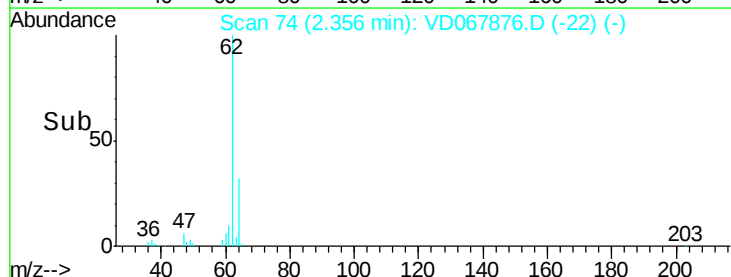
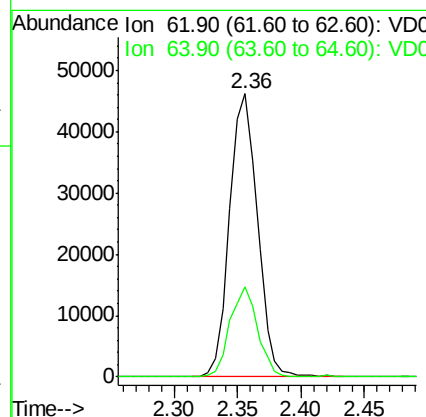
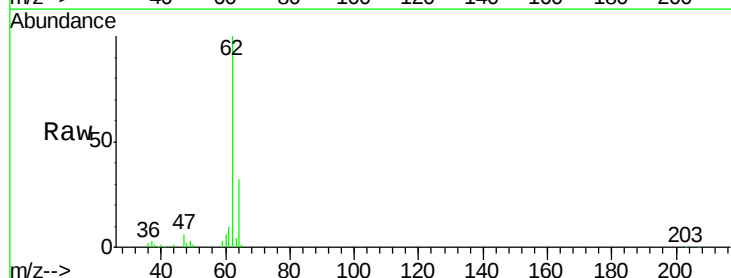
Acq: 04 Dec 2020 10:18

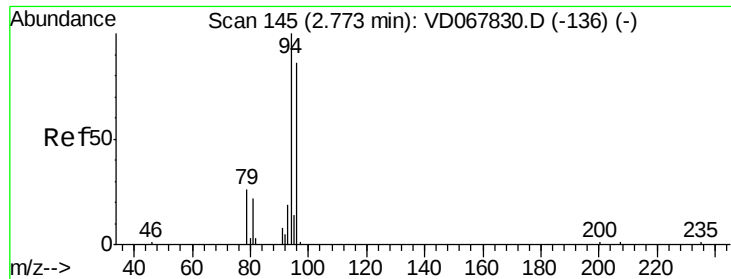
Tgt Ion: 62 Resp: 70427

Ion Ratio Lower Upper

62 100

64 32.0 24.5 36.7





#5

Bromomethane

Concen: 62.193 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 77630

Ion Ratio Lower Upper

94 100

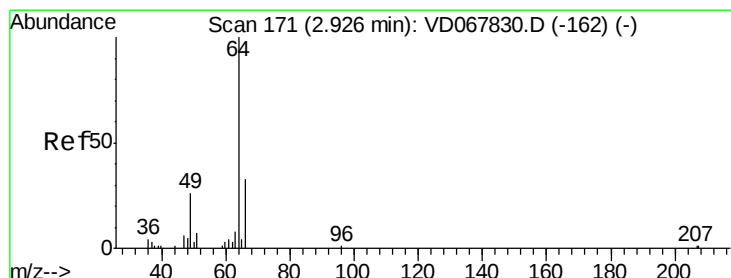
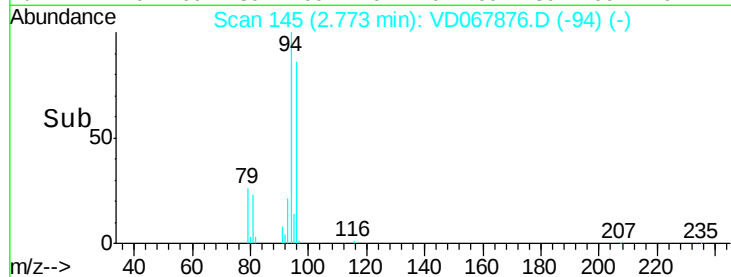
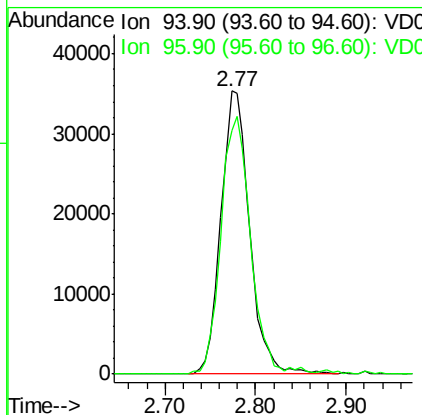
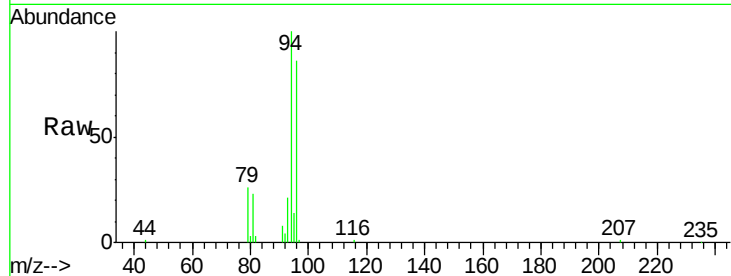
96 86.2 68.7 103.1

Manual Integrations

APPROVED

MMDadoda

12/7/2020 11:30:43 AM



#6

Chloroethane

Concen: 52.256 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD067876.D

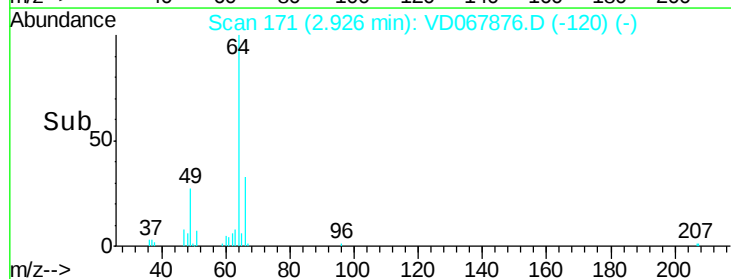
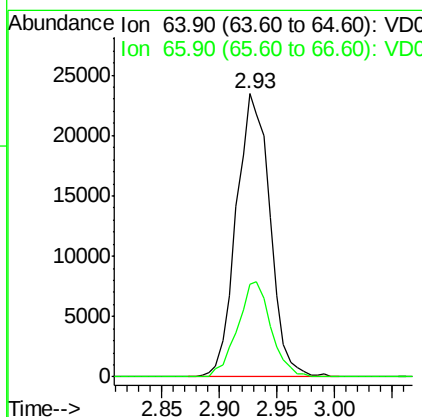
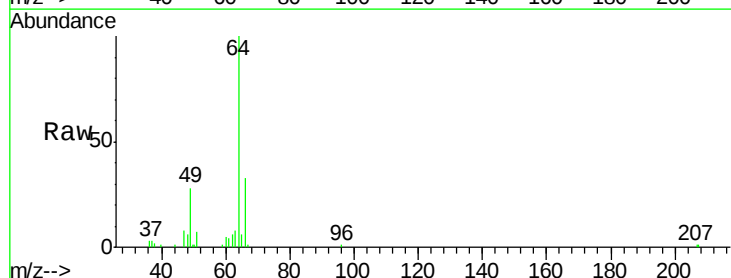
Acq: 04 Dec 2020 10:18

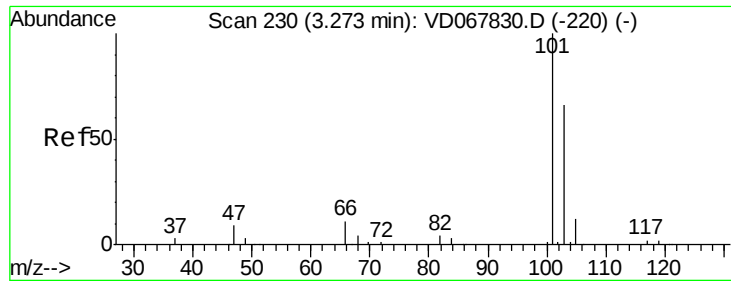
Tgt Ion: 64 Resp: 47572

Ion Ratio Lower Upper

64 100

66 32.5 26.1 39.1





#7

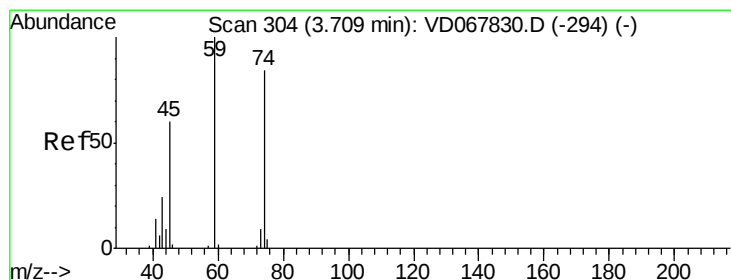
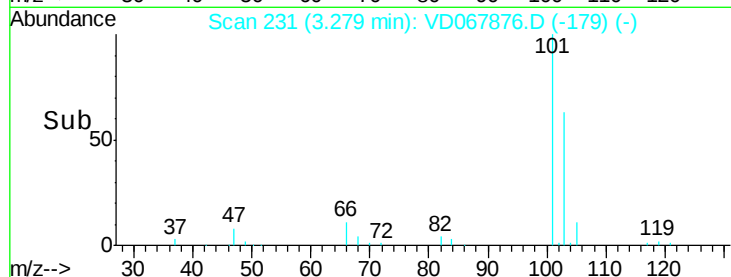
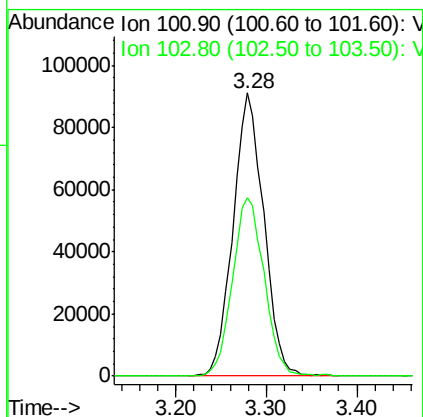
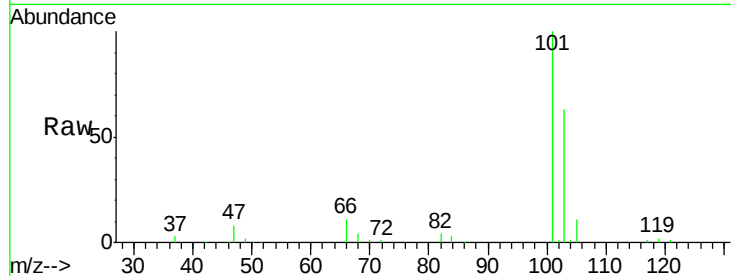
Trichlorofluoromethane  
Concen: 50.185 ug/l  
RT: 3.28 min Scan# 231  
Delta R.T. 0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:101 Resp: 214724  
Ion Ratio Lower Upper  
101 100  
103 62.8 53.0 79.6

Manual Integrations  
APPROVED

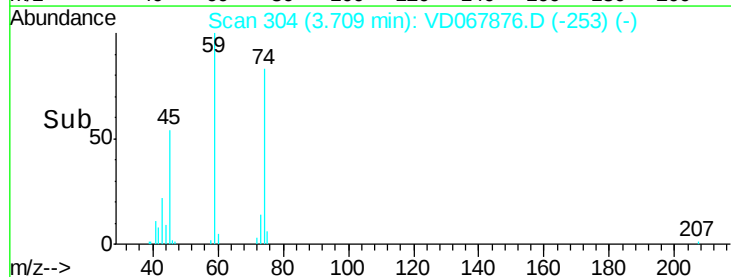
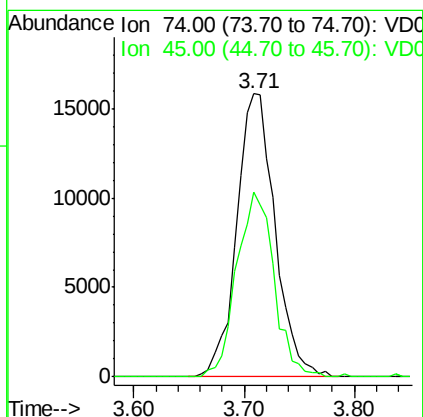
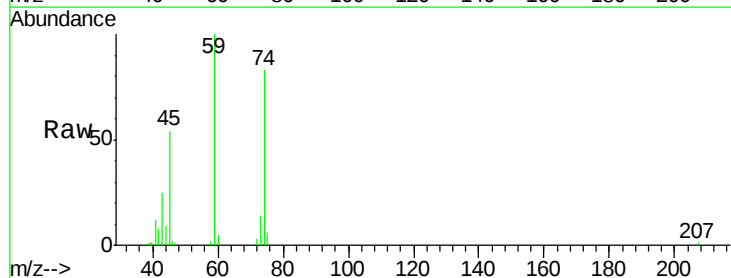
MMDadoda  
12/7/2020 11:30:43 AM

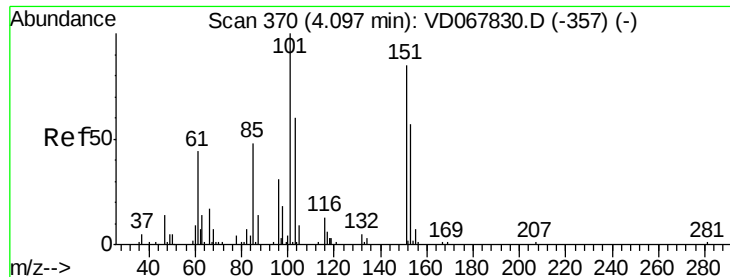


#8

Diethyl Ether  
Concen: 46.296 ug/l  
RT: 3.71 min Scan# 304  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Tgt Ion: 74 Resp: 38608  
Ion Ratio Lower Upper  
74 100  
45 63.6 33.9 101.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.061 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

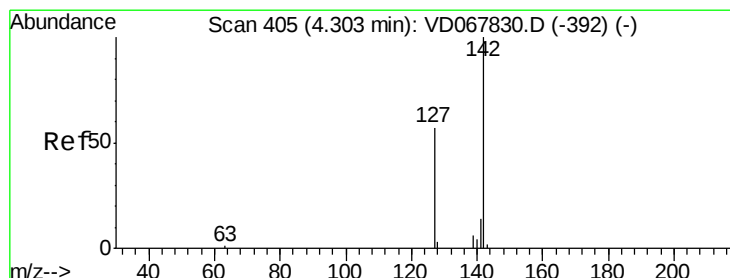
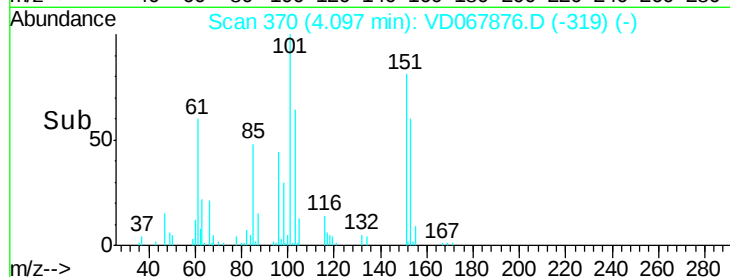
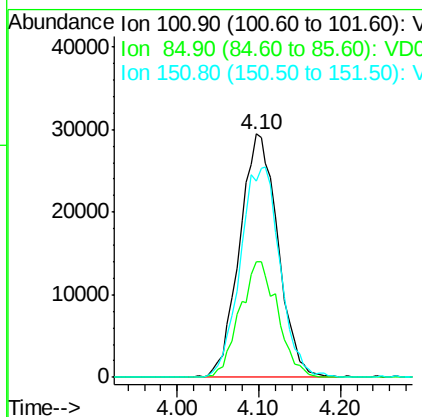
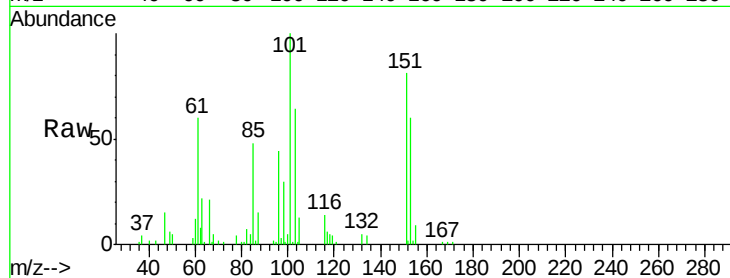
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 95721 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 47.0  | 36.2  | 54.4  |
| 151       | 89.9  | 69.4  | 104.2 |

Manual Integrations  
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12/7/2020 11:30:43 AM



#10

Methyl Iodide

Concen: 45.135 ug/l

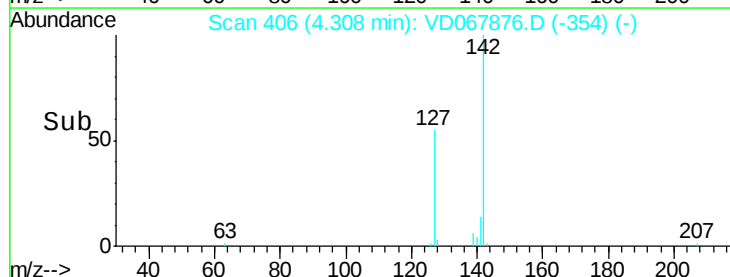
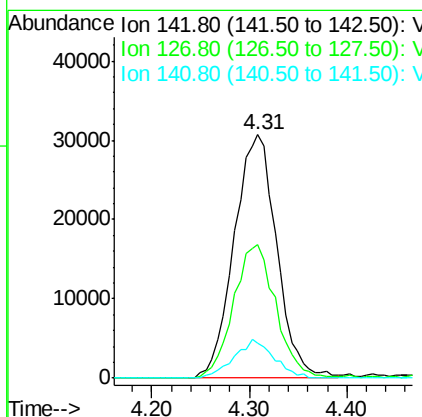
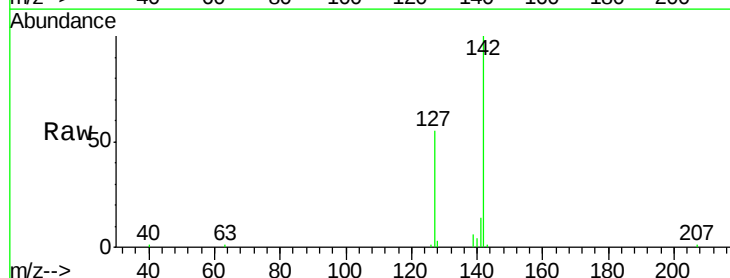
RT: 4.31 min Scan# 406

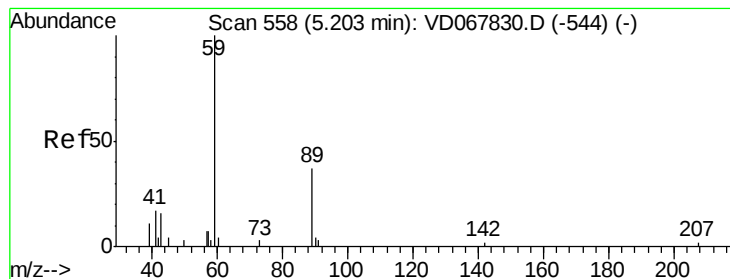
Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 93340 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 54.5  | 43.9  | 65.9  |
| 141       | 14.8  | 12.2  | 18.2  |





#11

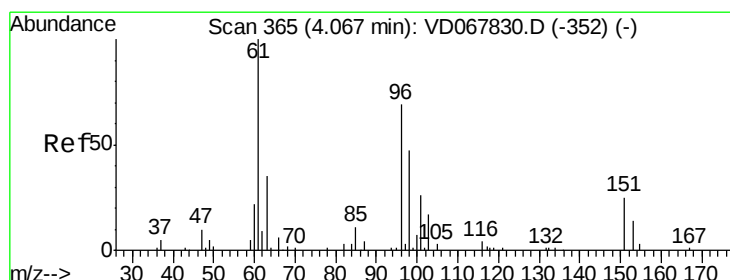
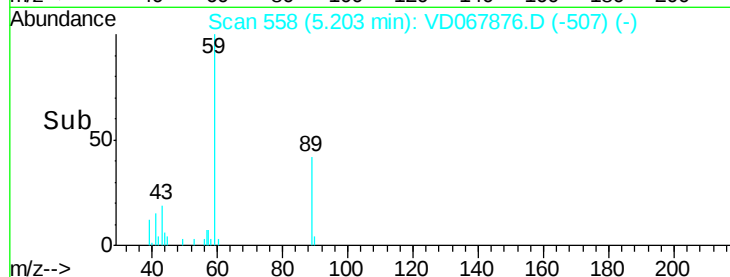
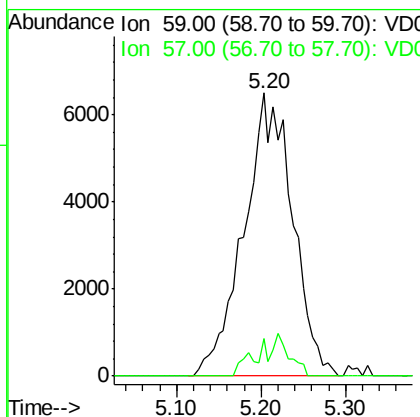
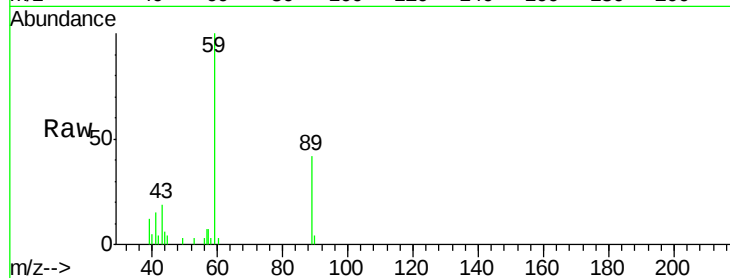
Tert butyl alcohol  
Concen: 200.980 ug/l  
RT: 5.20 min Scan# 558  
Delta R.T. 0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 59 Resp: 25895  
Ion Ratio Lower Upper  
59 100  
57 2.6 7.7 11.5#

Manual Integrations  
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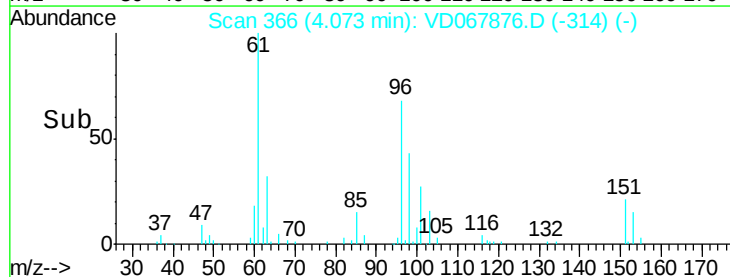
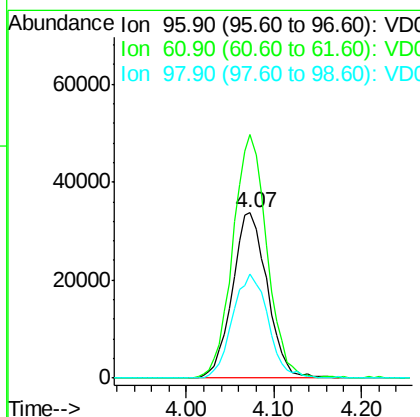
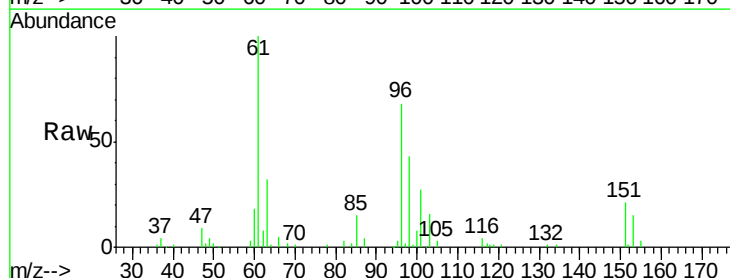
MMDadoda  
12/7/2020 11:30:43 AM

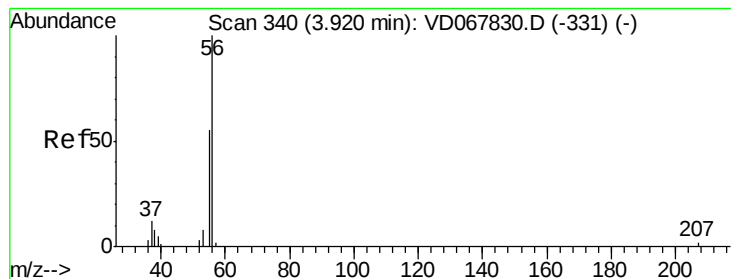


#12

1,1-Dichloroethene  
Concen: 49.732 ug/l  
RT: 4.07 min Scan# 366  
Delta R.T. 0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Tgt Ion: 96 Resp: 91095  
Ion Ratio Lower Upper  
96 100  
61 147.6 116.1 174.1  
98 62.7 54.6 82.0





#13

Acrolein

Concen: 212.352 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 19365

Ion Ratio Lower Upper

56 100

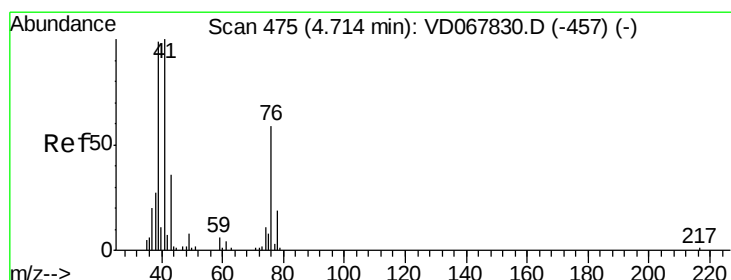
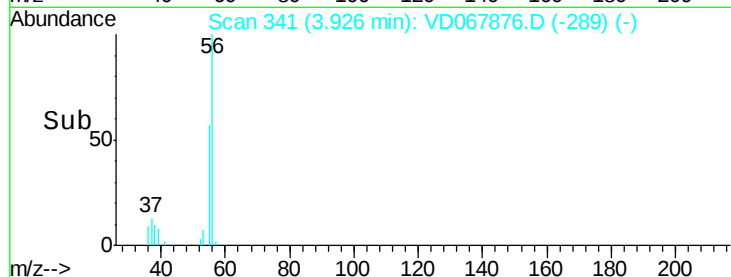
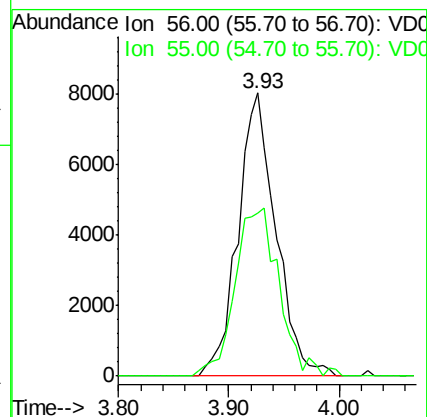
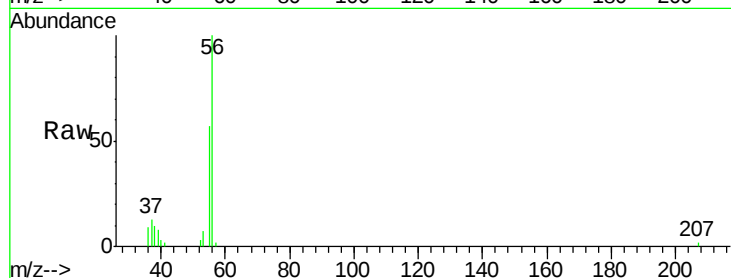
55 68.5 56.5 84.7

Manual Integrations

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MMDadoda

12/7/2020 11:30:43 AM



#14

Allyl chloride

Concen: 49.966 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

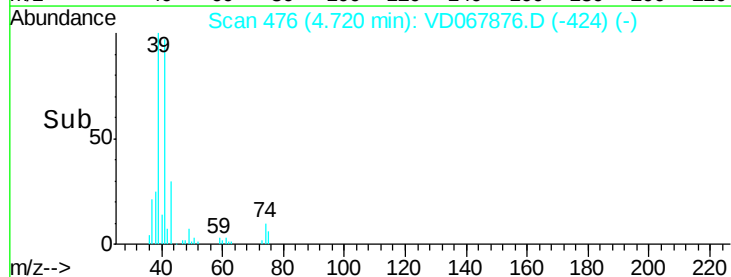
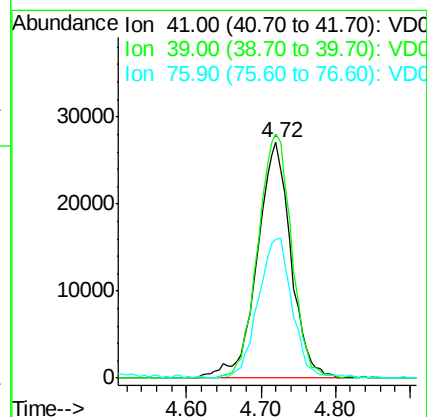
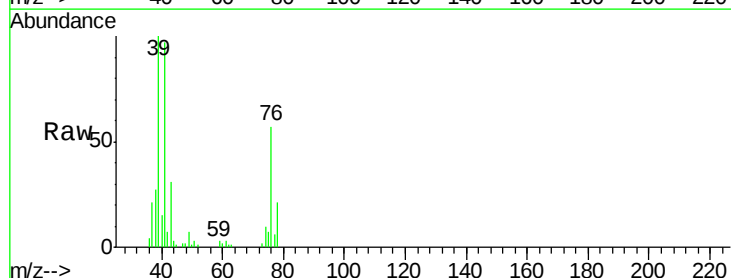
Tgt Ion: 41 Resp: 84668

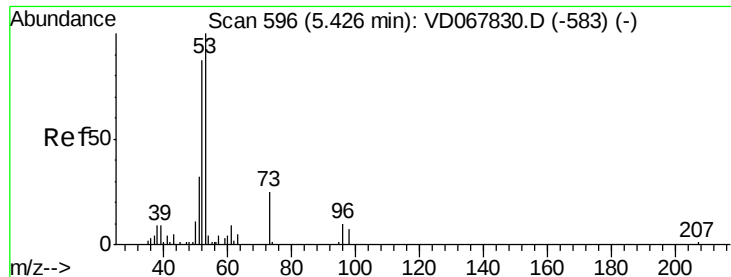
Ion Ratio Lower Upper

41 100

39 103.4 79.0 118.6

76 60.2 46.6 70.0





#15

Acrylonitrile

Concen: 231.764 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

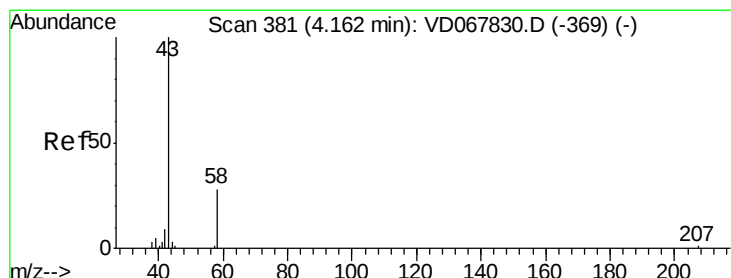
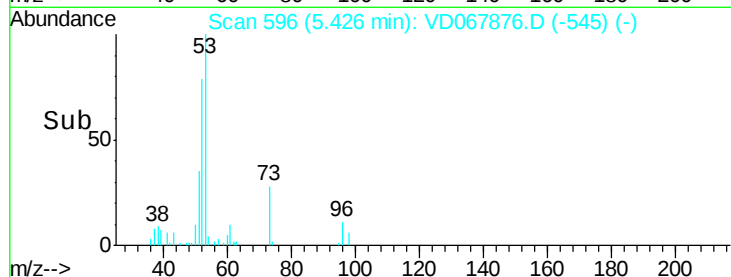
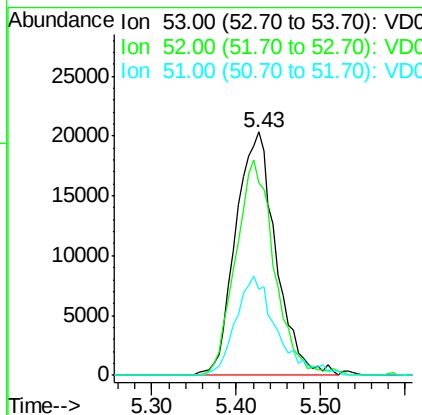
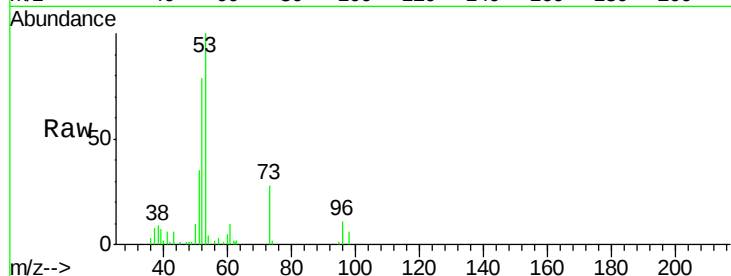
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 67017 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 84.7  | 66.2  | 99.2  |
| 51       | 41.3  | 31.1  | 46.7  |

Manual Integrations  
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12/7/2020 11:30:43 AM



#16

Acetone

Concen: 242.170 ug/l

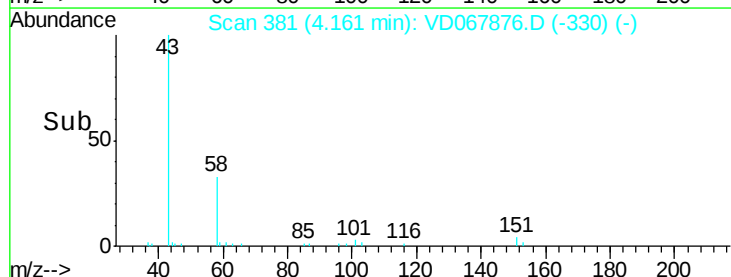
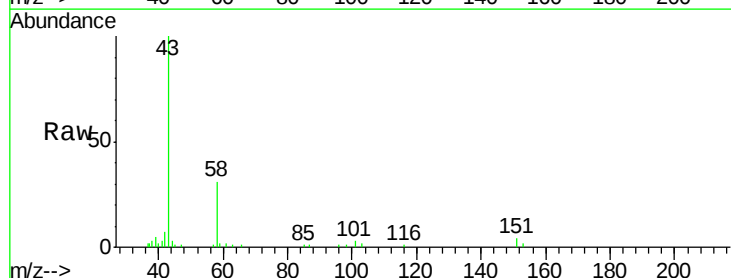
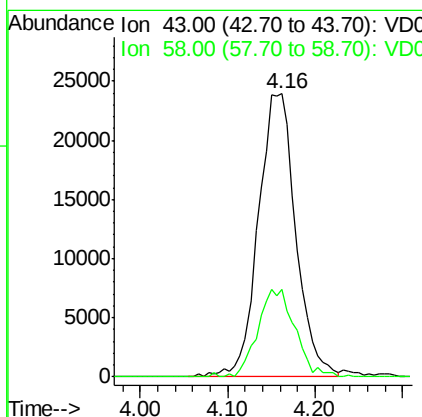
RT: 4.16 min Scan# 381

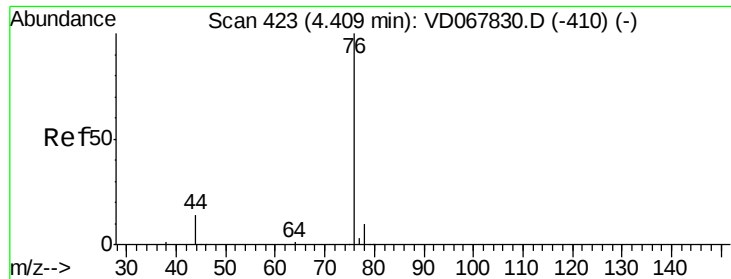
Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 71013 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.1  | 21.9  | 32.9  |





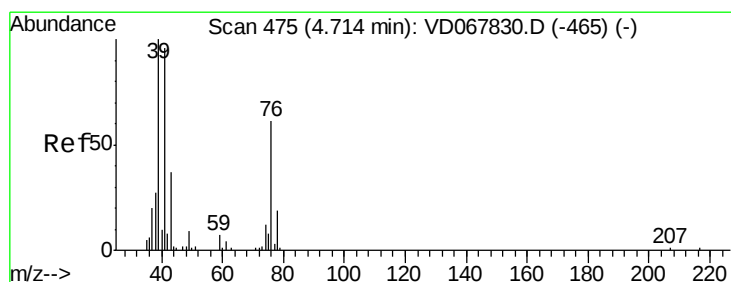
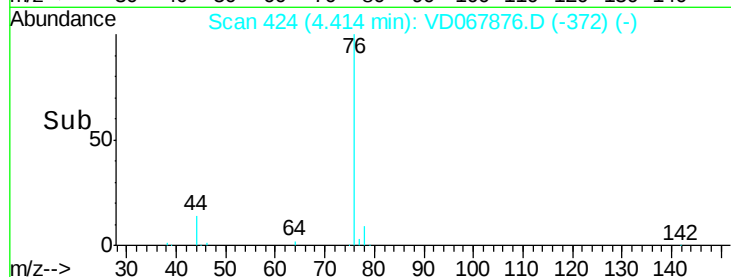
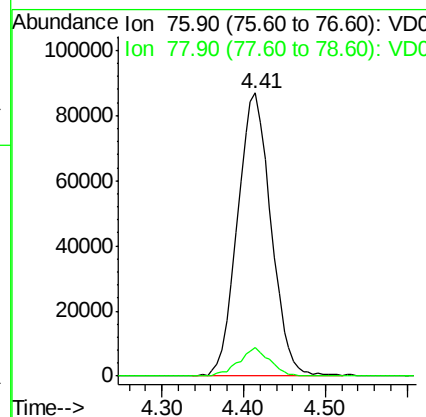
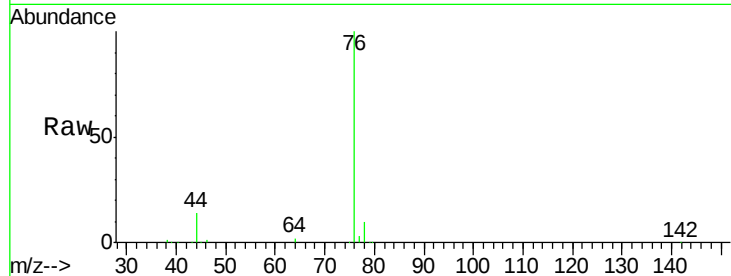
#17  
Carbon Disulfide  
Concen: 48.579 ug/l  
RT: 4.41 min Scan# 424  
Delta R.T. 0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 76 Resp: 248438  
Ion Ratio Lower Upper  
76 100  
78 10.0 7.8 11.6

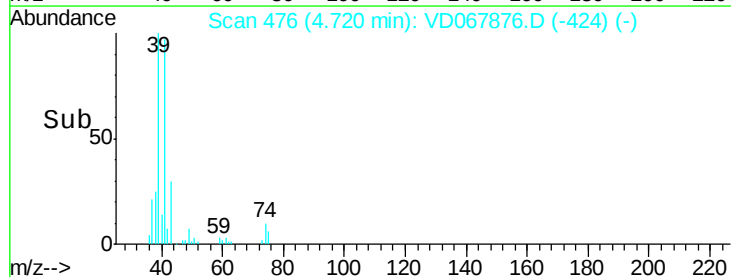
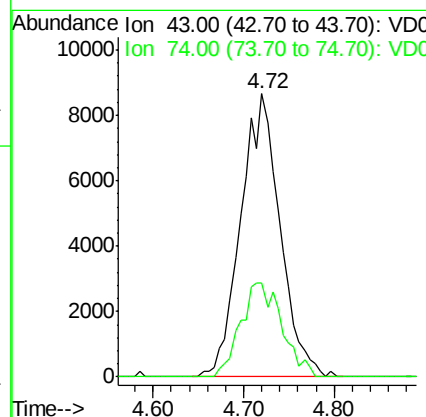
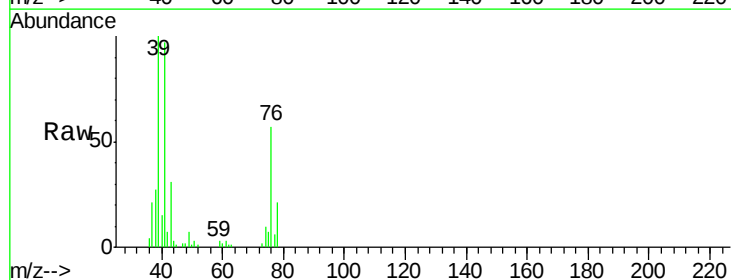
Manual Integrations  
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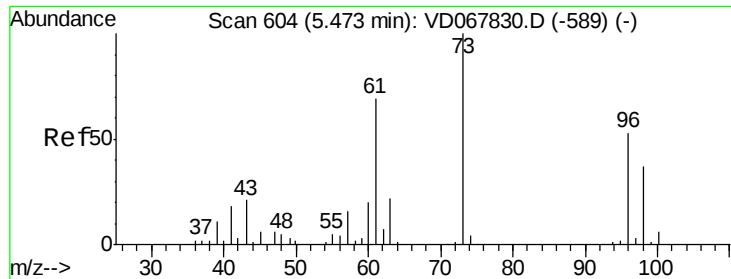
MMDadoda  
12/7/2020 11:30:43 AM



#18  
Methyl Acetate  
Concen: 47.256 ug/l  
RT: 4.72 min Scan# 476  
Delta R.T. 0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Tgt Ion: 43 Resp: 26028  
Ion Ratio Lower Upper  
43 100  
74 34.9 27.0 40.4





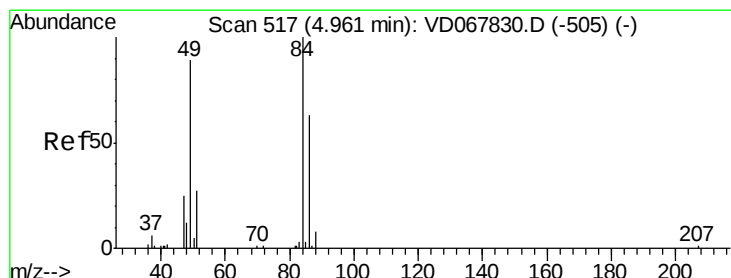
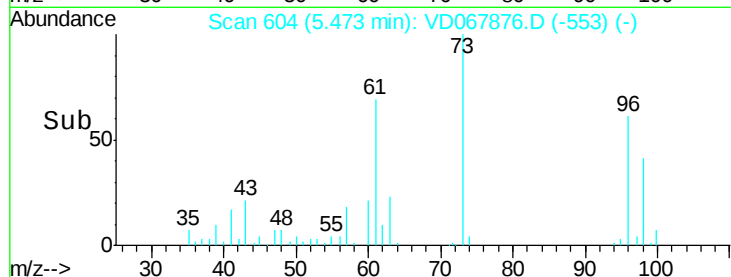
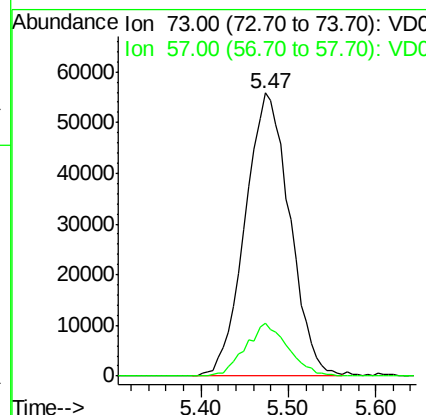
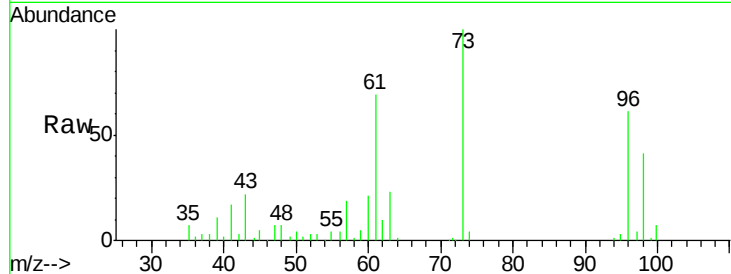
#19  
Methyl tert-butyl Ether  
Concen: 49.527 ug/l  
RT: 5.47 min Scan# 604  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 194259  
Ion Ratio Lower Upper  
73 100  
57 18.7 13.2 19.8

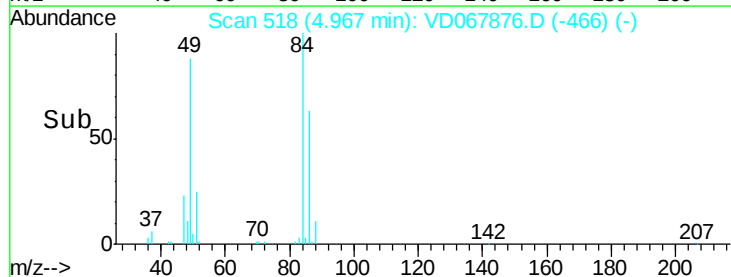
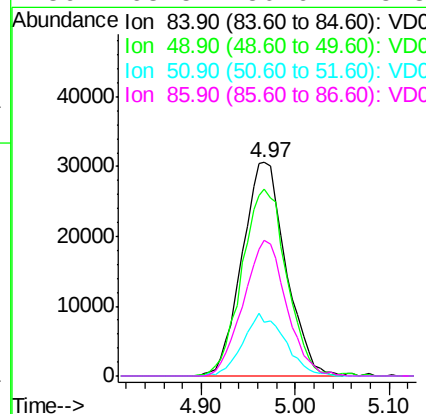
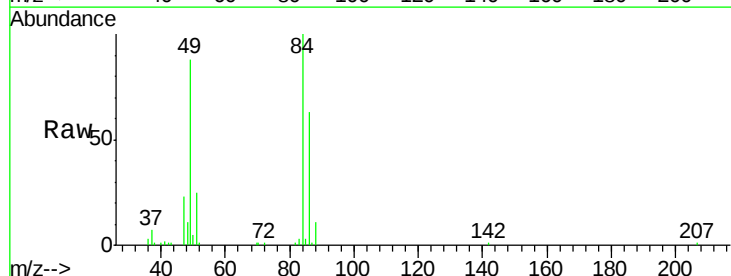
Manual Integrations  
APPROVED

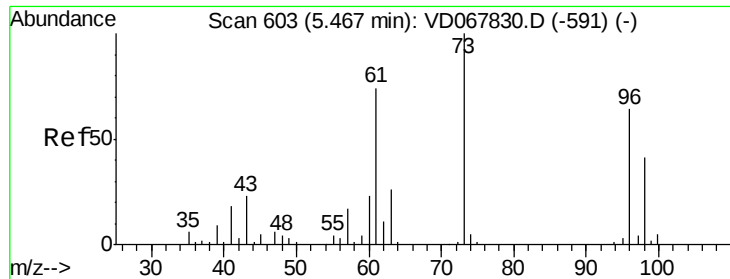
MMDadoda  
12/7/2020 11:30:43 AM



#20  
Methylene Chloride  
Concen: 52.251 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. 0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Tgt Ion: 84 Resp: 98899  
Ion Ratio Lower Upper  
84 100  
49 87.7 71.4 107.0  
51 25.4 21.8 32.8  
86 63.5 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 49.474 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

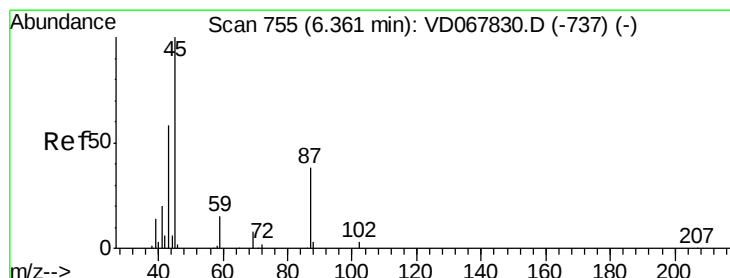
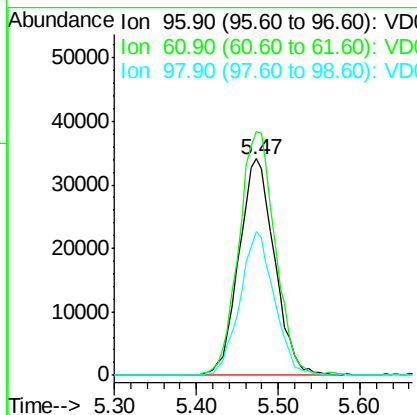
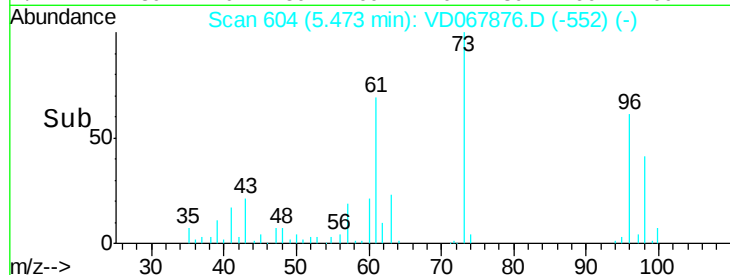
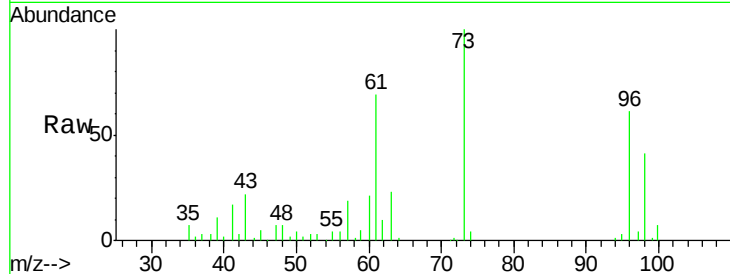
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 103122 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 112.6 | 93.1  | 139.7  |
| 98       | 66.7  | 52.2  | 78.2   |

Manual Integrations  
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MMDadoda  
12/7/2020 11:30:43 AM



#22

Diisopropyl ether

Concen: 49.012 ug/l

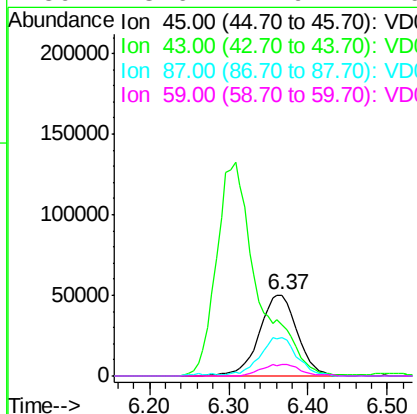
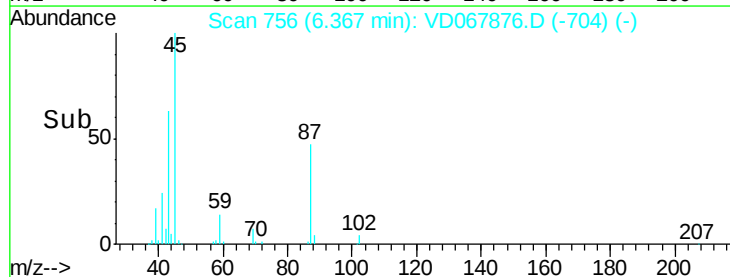
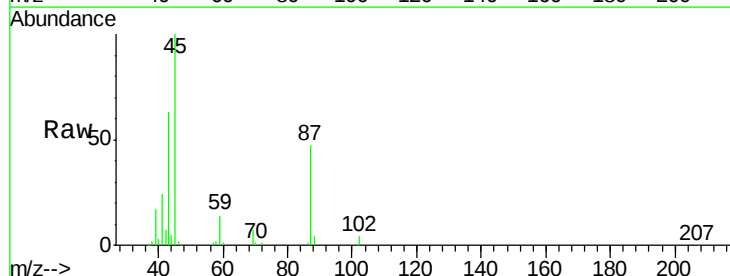
RT: 6.37 min Scan# 756

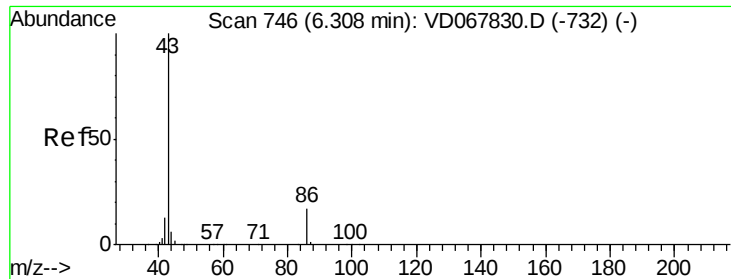
Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 167040 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 61.9  | 49.8  | 74.6   |
| 87       | 47.1  | 32.1  | 48.1   |
| 59       | 13.6  | 11.9  | 17.9   |





#23

Vinyl Acetate

Concen: 253.287 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 480234

Ion Ratio Lower Upper

43 100

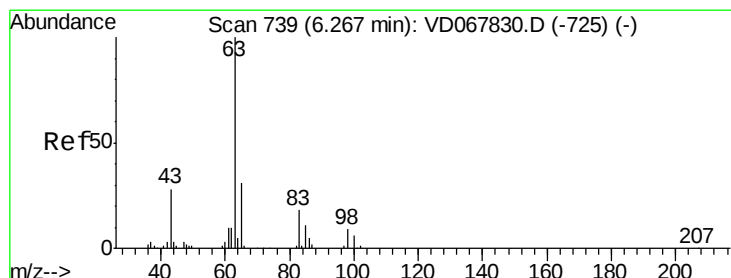
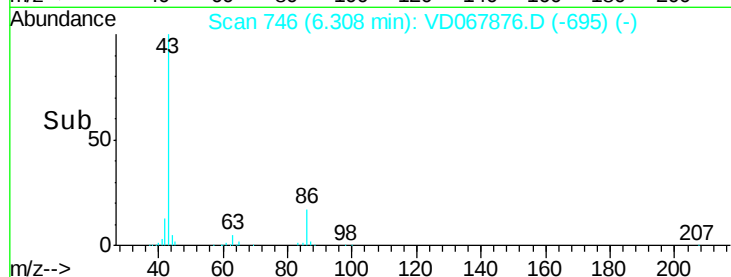
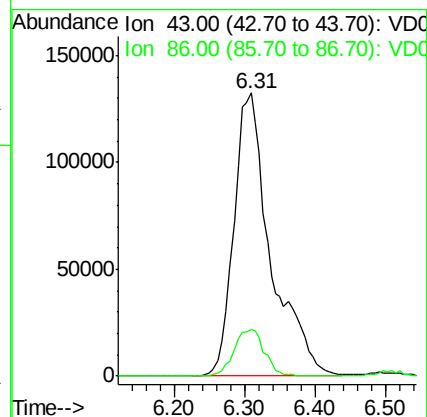
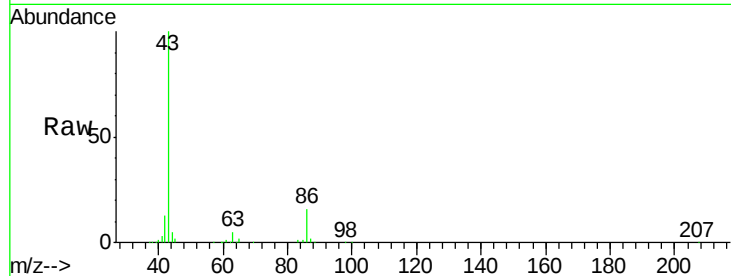
86 16.5 13.8 20.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.108 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

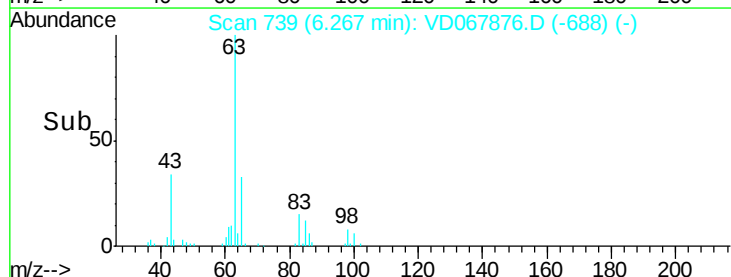
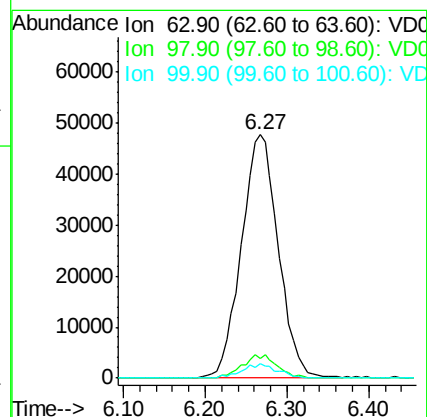
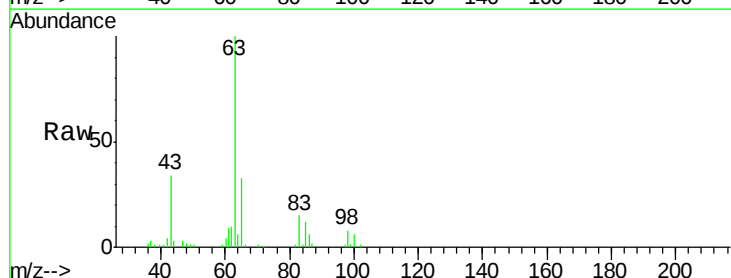
Tgt Ion: 63 Resp: 149701

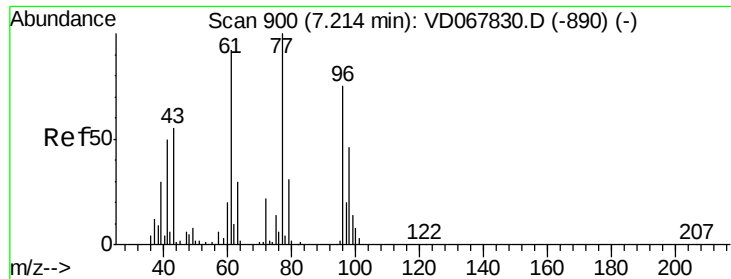
Ion Ratio Lower Upper

63 100

98 8.2 4.5 13.5

100 6.2 3.0 9.2





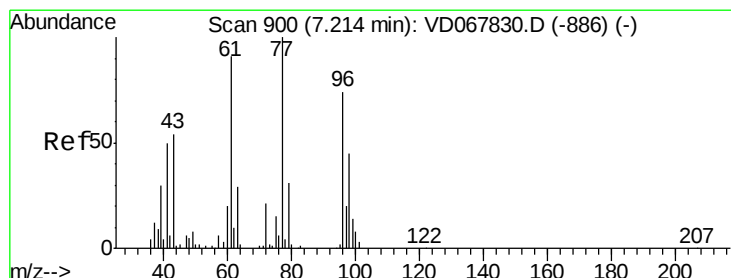
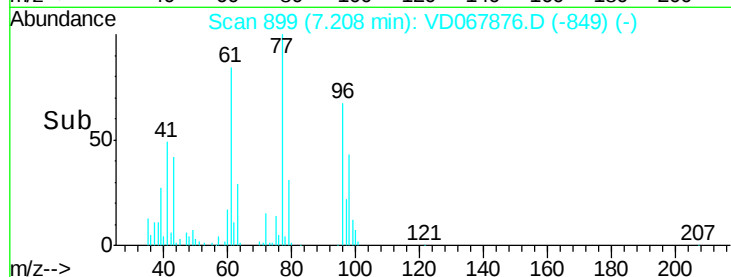
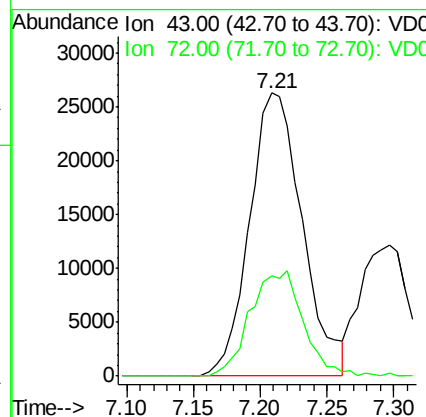
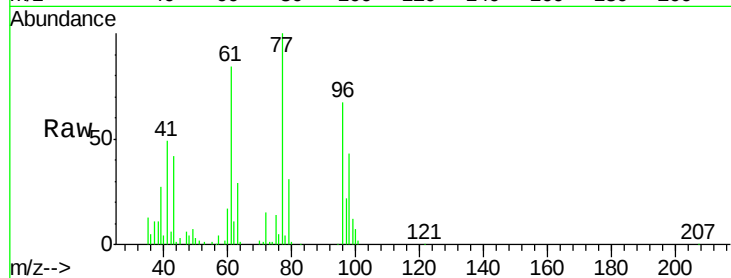
#25  
2-Butanone  
Concen: 233.724 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 72087  
Ion Ratio Lower Upper  
43 100  
72 35.7 31.3 46.9

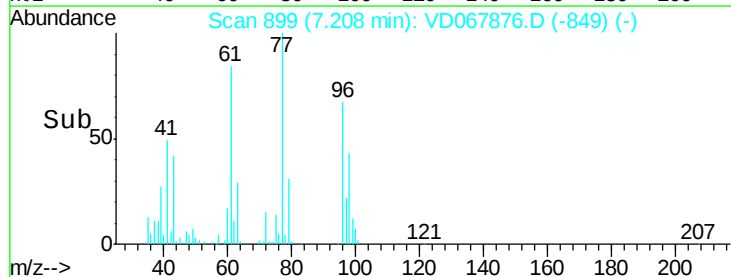
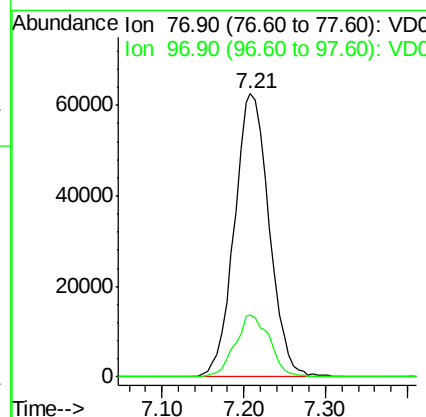
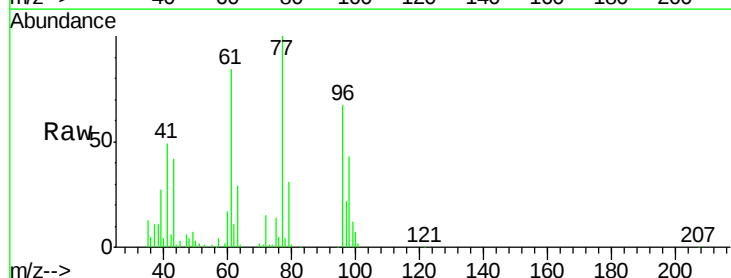
Manual Integrations  
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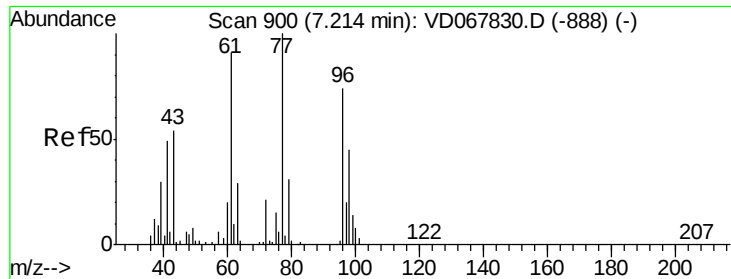
MMDadoda  
12/7/2020 11:30:43 AM



#26  
2,2-Dichloropropane  
Concen: 51.876 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Tgt Ion: 77 Resp: 184811  
Ion Ratio Lower Upper  
77 100  
97 21.8 11.1 33.1





#27

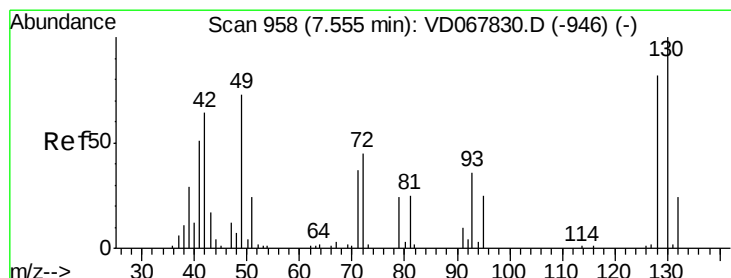
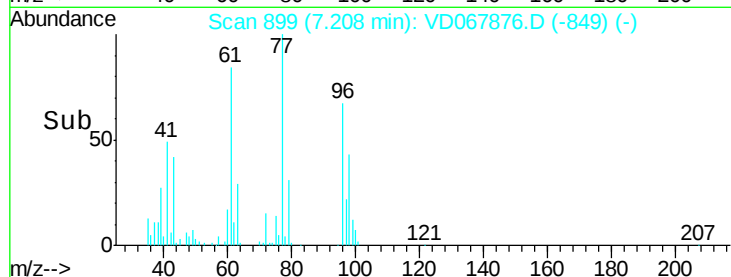
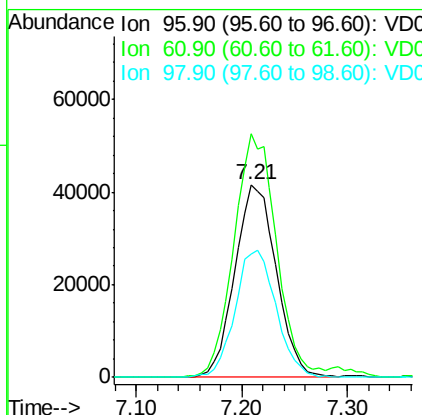
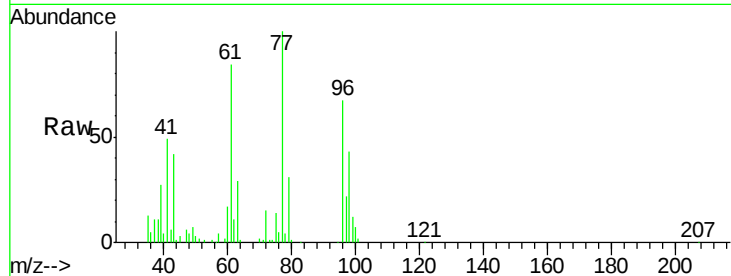
cis-1,2-Dichloroethene  
Concen: 49.728 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 11372 |       |       |
| 61      | 129.8 | 0.0   | 248.4 |       |
| 98      | 65.3  | 0.0   | 127.4 |       |

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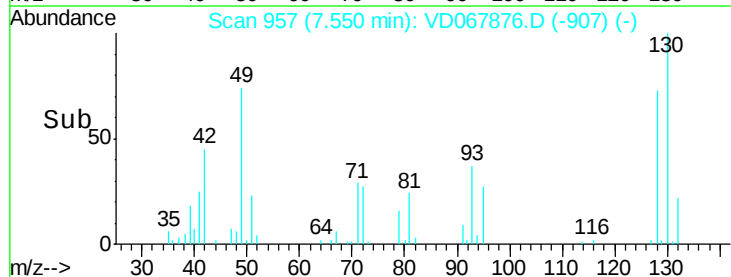
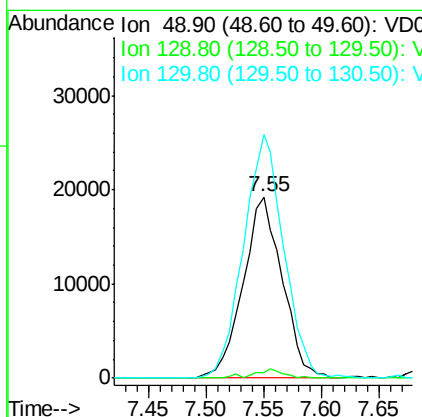
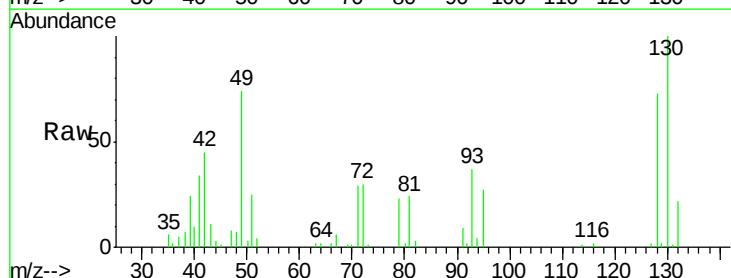
MMDadoda  
12/7/2020 11:30:43 AM

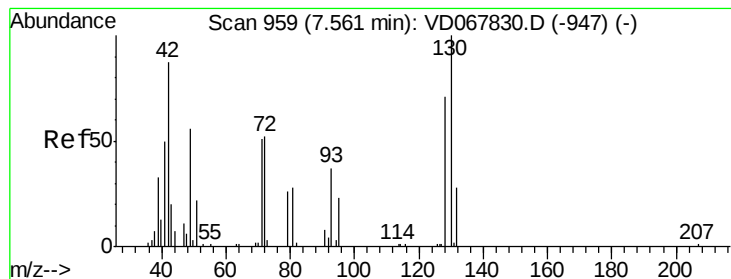


#28

Bromochloromethane  
Concen: 47.826 ug/l  
RT: 7.55 min Scan# 957  
Delta R.T. -0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 45365 |       |       |
| 129     | 3.3   | 0.0   | 3.4   |       |
| 130     | 138.8 | 110.2 | 165.2 |       |





#29

Tetrahydrofuran

Concen: 229.338 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

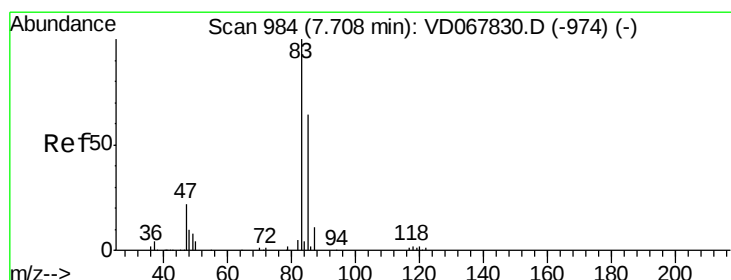
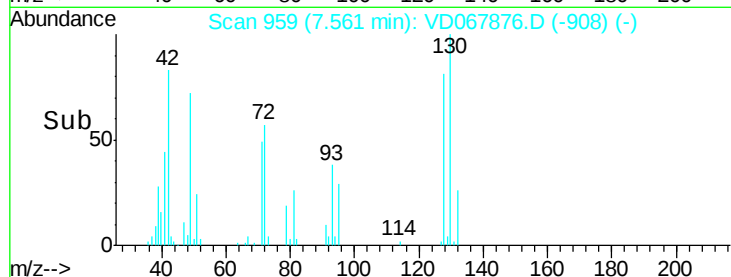
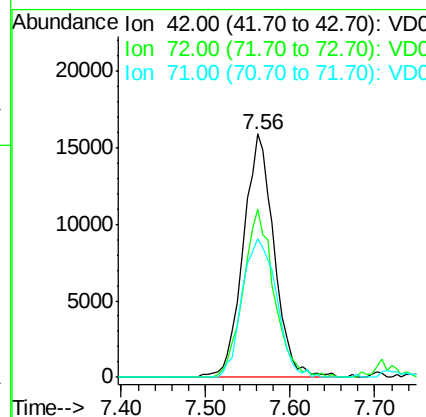
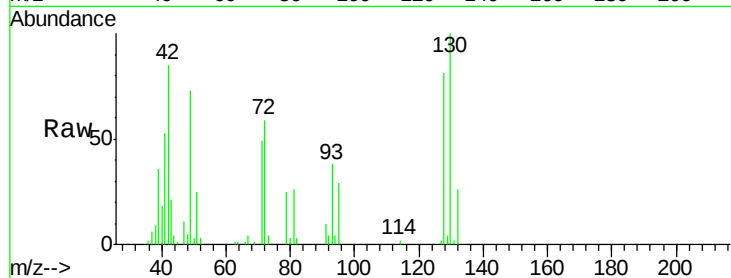
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 40275 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 69.1  | 51.9  | 77.9  |
| 71       | 63.4  | 48.2  | 72.4  |

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#30

Chloroform

Concen: 49.224 ug/l

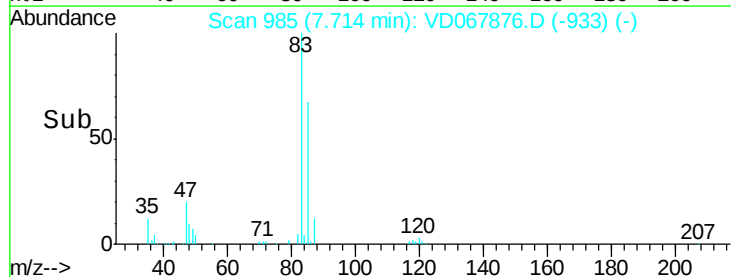
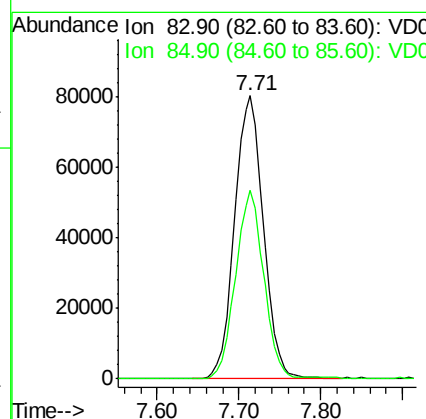
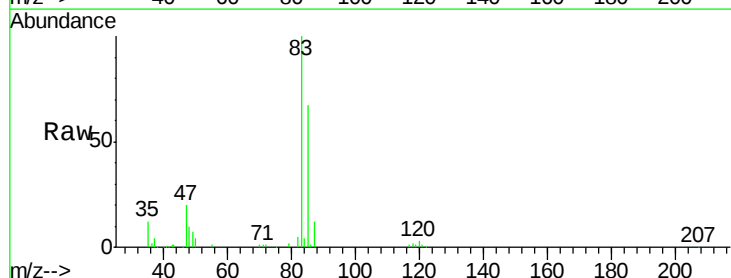
RT: 7.71 min Scan# 985

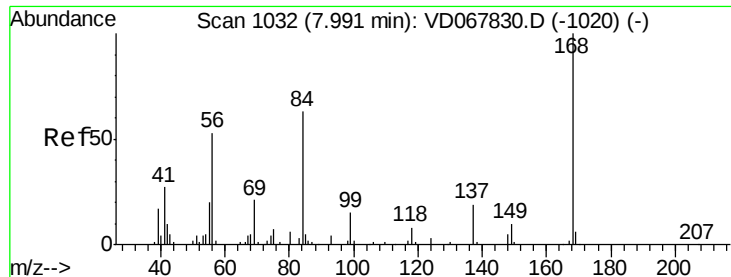
Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 196530 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 66.7  | 51.0  | 76.4   |





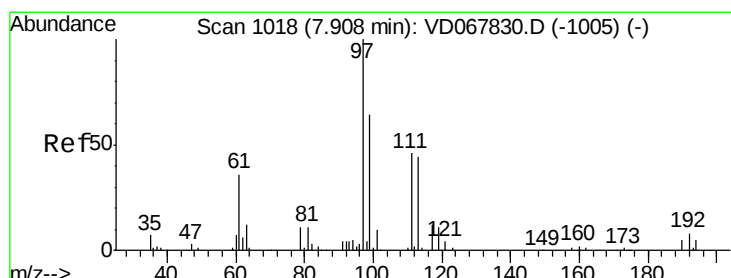
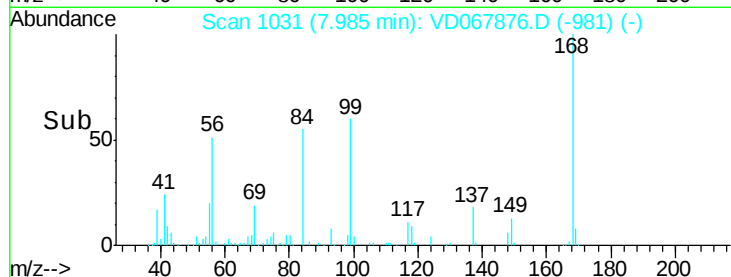
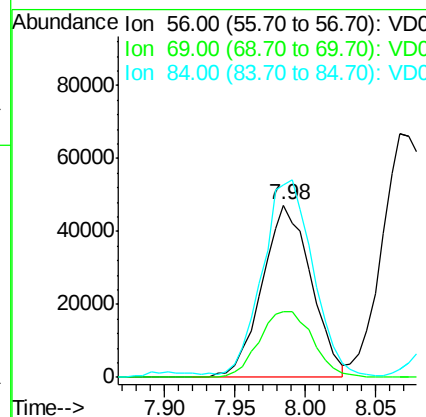
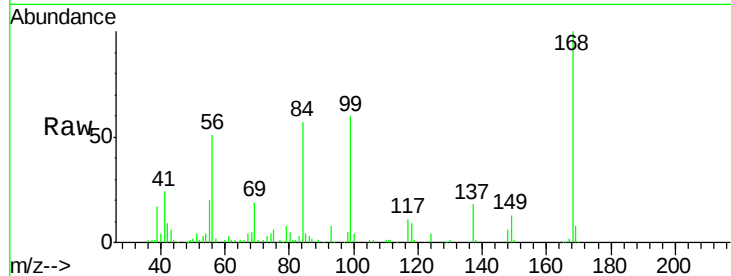
#31  
Cyclohexane  
Concen: 45.847 ug/l  
RT: 7.98 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 56      | 100   | 114625 |       |       |
| 69      | 38.6  |        | 32.1  | 48.1  |
| 84      | 109.3 |        | 93.2  | 139.8 |

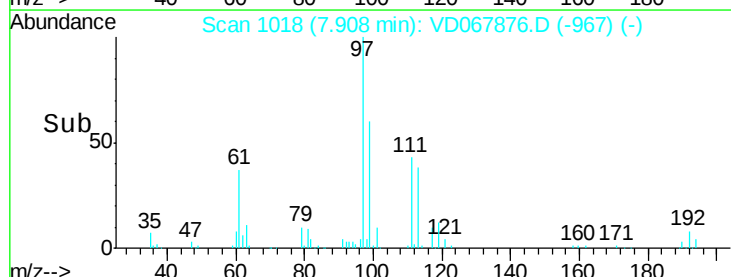
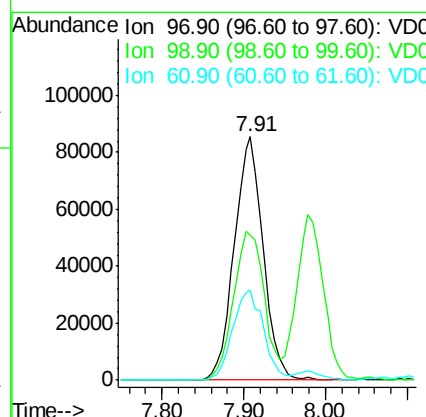
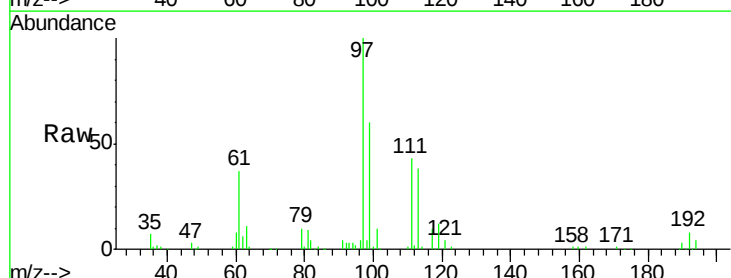
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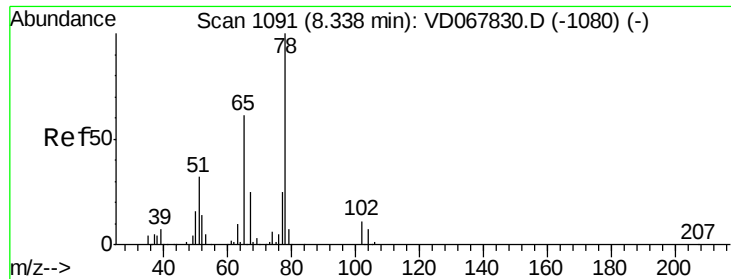
MMDadoda  
12/7/2020 11:30:43 AM



#32  
1,1,1-Trichloroethane  
Concen: 49.890 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 97      | 100   | 210264 |       |       |
| 99      | 64.7  |        | 51.4  | 77.2  |
| 61      | 39.0  |        | 30.8  | 46.2  |





#33

1,2-Dichloroethane-d4

Concen: 46.456 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 110243

Ion Ratio Lower Upper

65 100

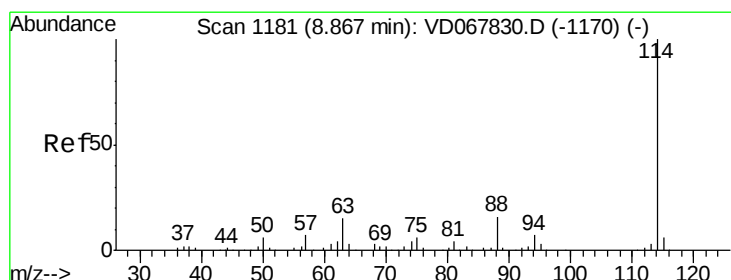
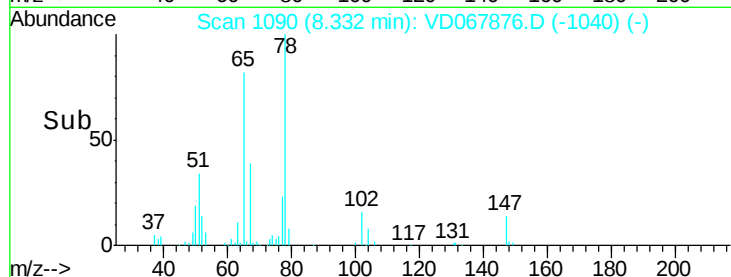
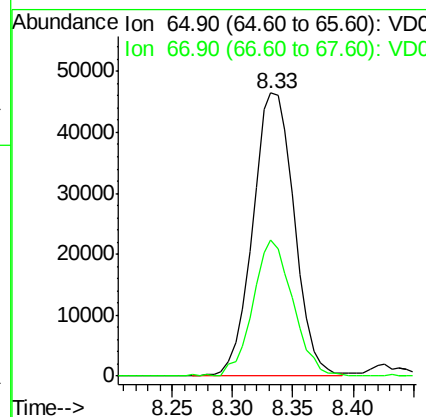
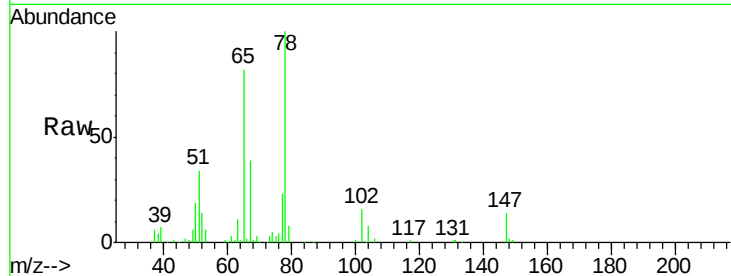
67 46.2 0.0 92.0

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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: VD067876.D

Acq: 04 Dec 2020 10:18

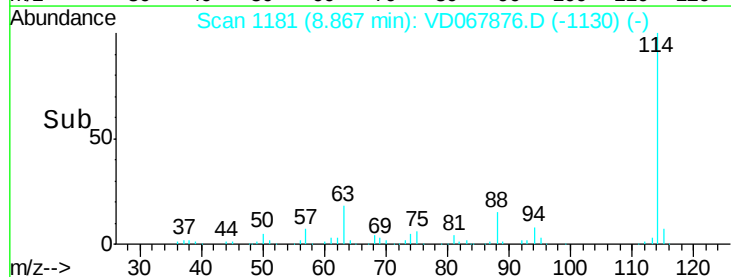
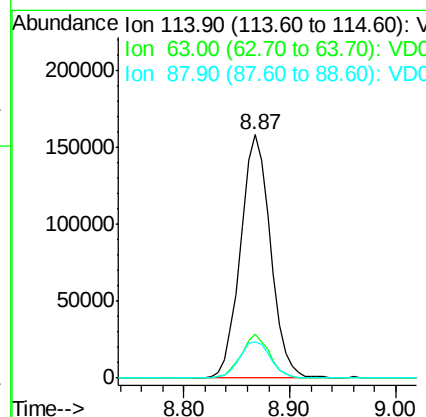
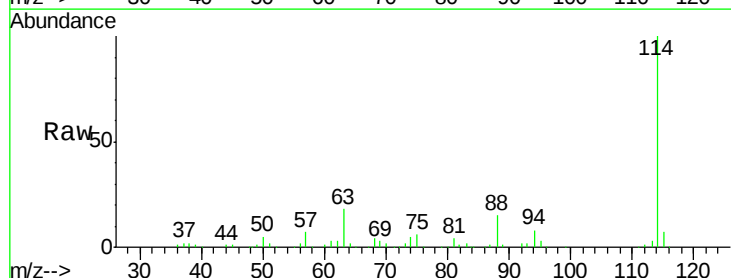
Tgt Ion: 114 Resp: 311943

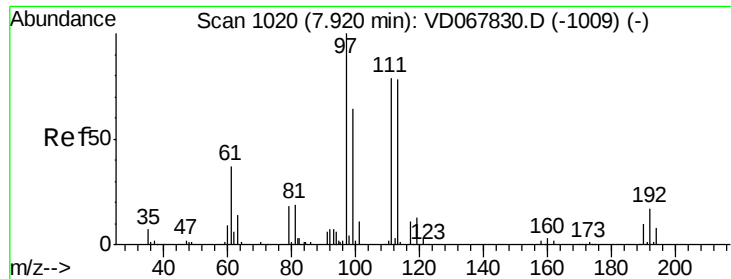
Ion Ratio Lower Upper

114 100

63 17.8 0.0 30.8

88 15.0 0.0 31.8





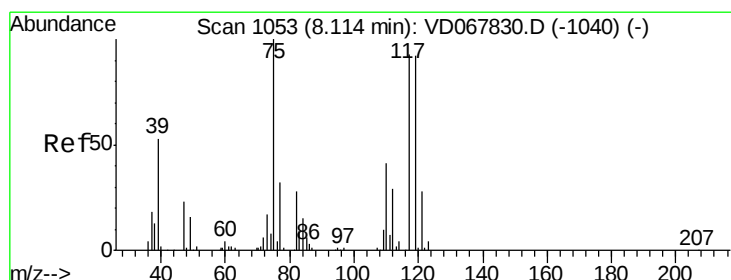
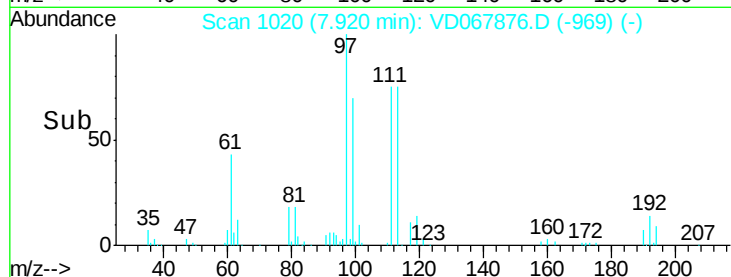
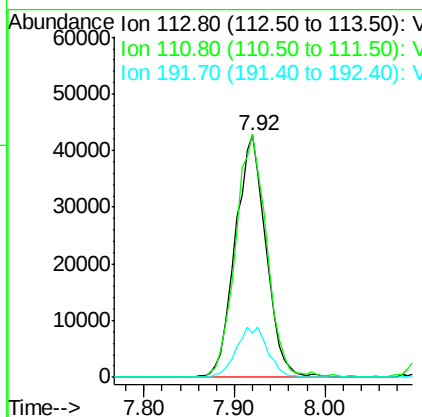
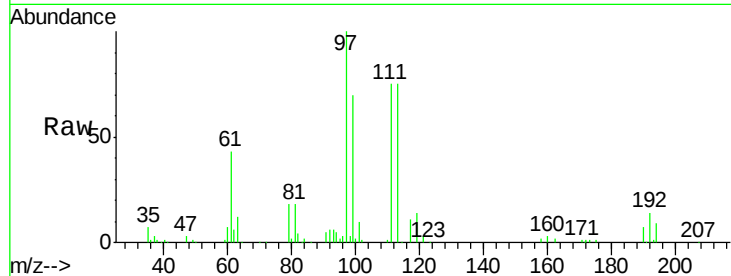
#35  
Dibromofluoromethane  
Concen: 48.292 ug/l  
RT: 7.92 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 100803 |       |       |
| 111     | 101.1 | 81.2   | 121.8 |       |
| 192     | 21.0  | 16.8   | 25.2  |       |

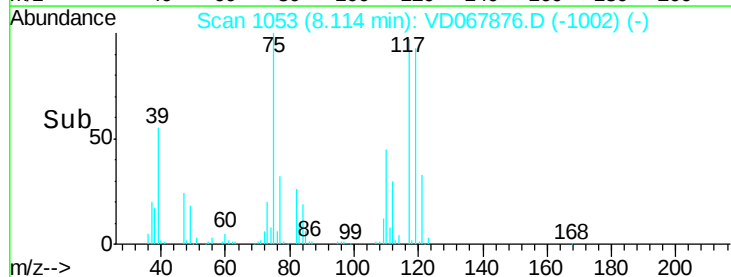
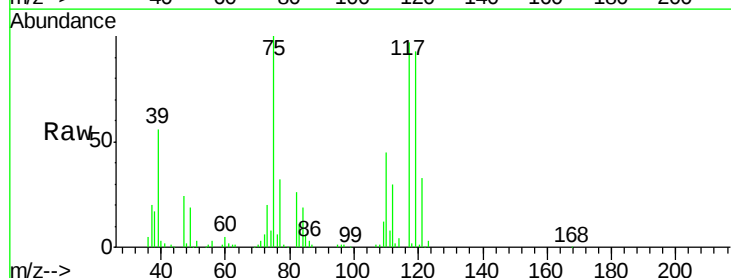
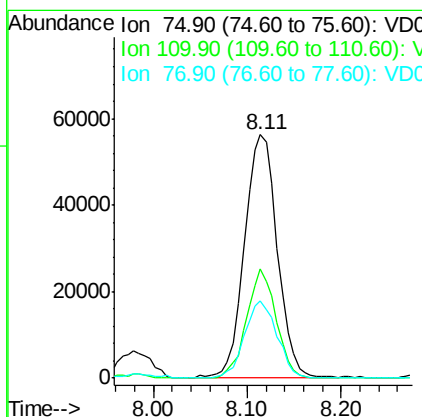
Manual Integrations  
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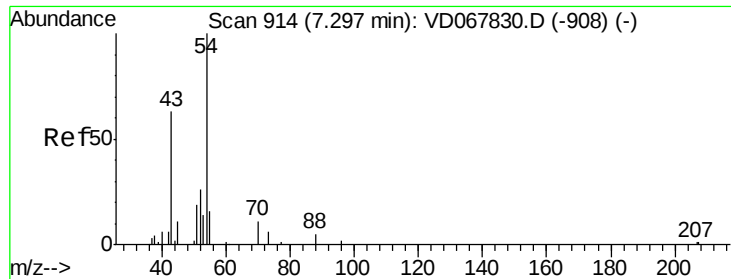
MMDadoda  
12/7/2020 11:30:43 AM



#36  
1,1-Dichloropropene  
Concen: 50.494 ug/l  
RT: 8.11 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 136357 |       |       |
| 110     | 40.1  | 20.3   | 61.0  |       |
| 77      | 31.2  | 24.7   | 37.1  |       |





#37

Ethyl Acetate

Concen: 46.101 ug/l

RT: 7.30 min Scan# 914

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

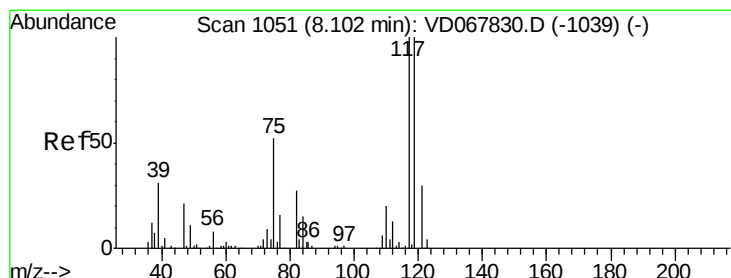
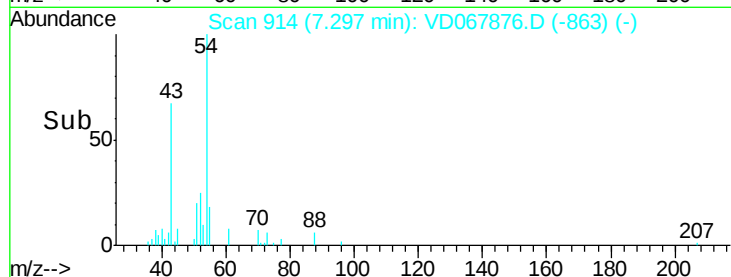
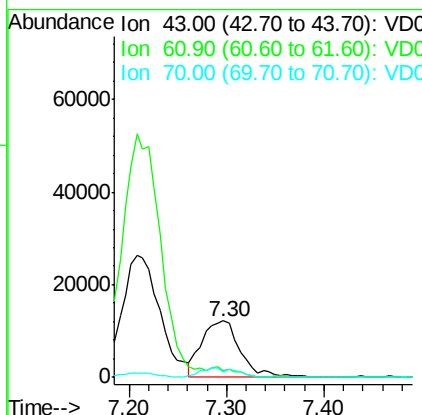
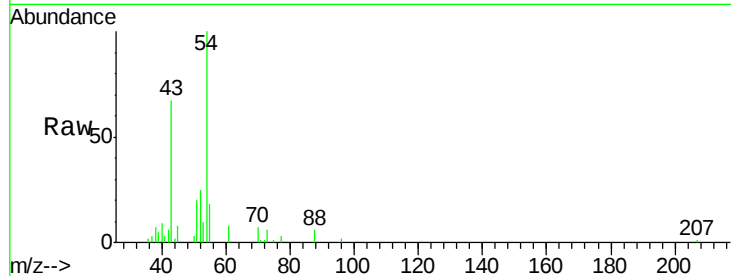
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 33553 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 11.4  | 17.2# |
| 70       | 15.2  | 11.5  | 17.3  |

Manual Integrations  
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12/7/2020 11:30:43 AM



#38

Carbon Tetrachloride

Concen: 51.972 ug/l

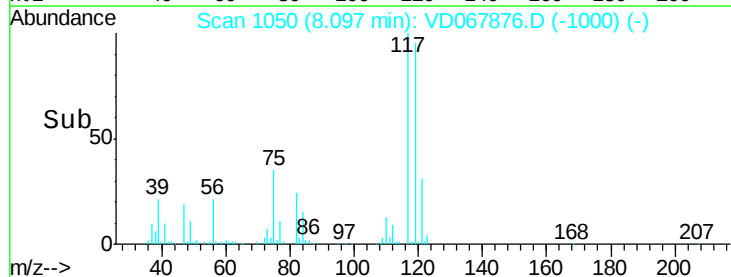
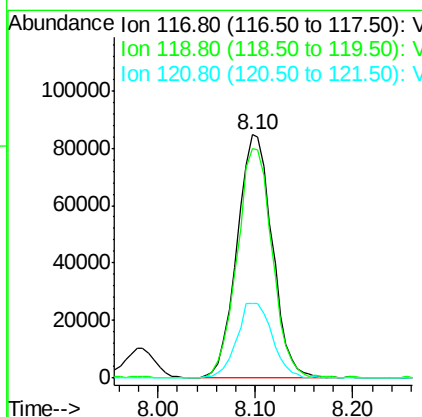
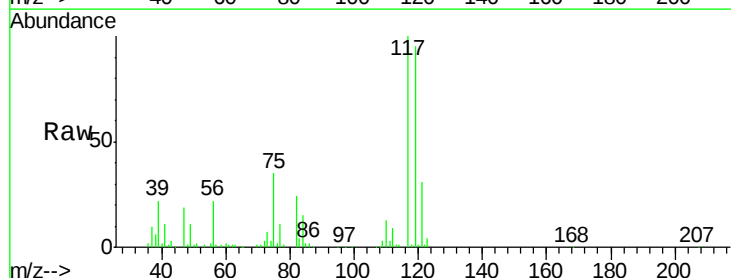
RT: 8.10 min Scan# 1050

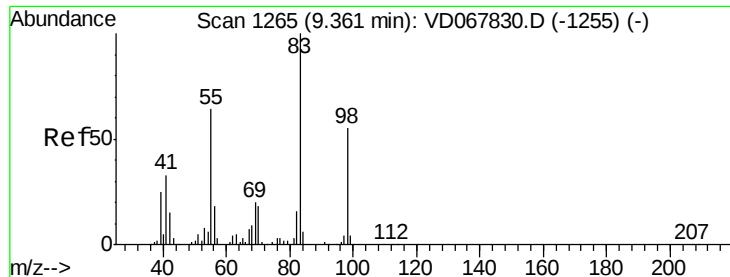
Delta R.T. -0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 212354 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.5  | 79.7  | 119.5  |
| 121      | 30.8  | 23.8  | 35.6   |





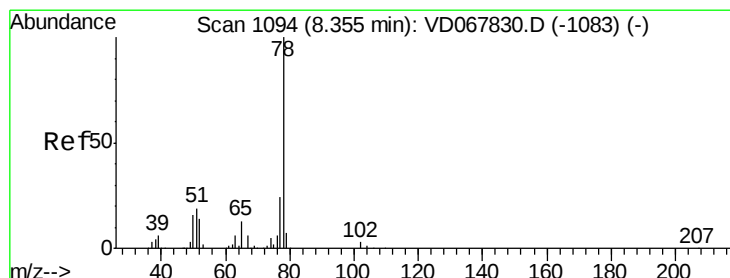
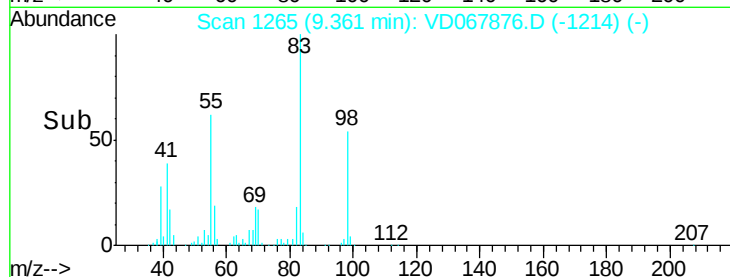
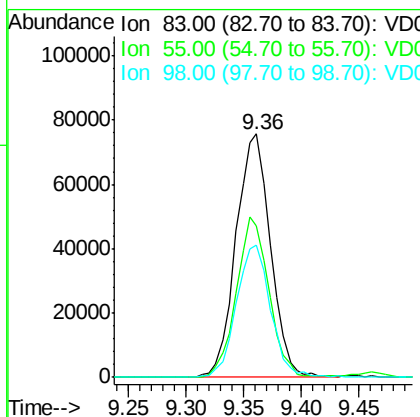
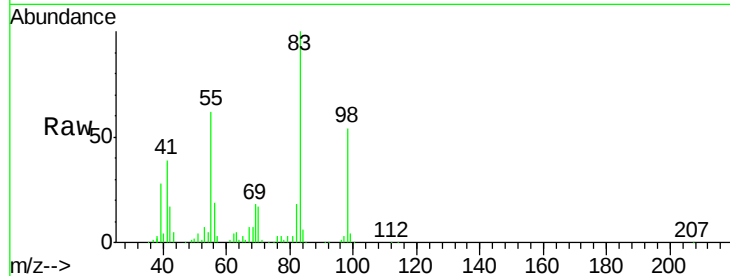
#39  
Methvlcvclohexane  
Concen: 49.152 ug/l  
RT: 9.36 min Scan# 1265  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 62.1  | 51.6  | 77.4  |
| 98      | 54.1  | 44.3  | 66.5  |

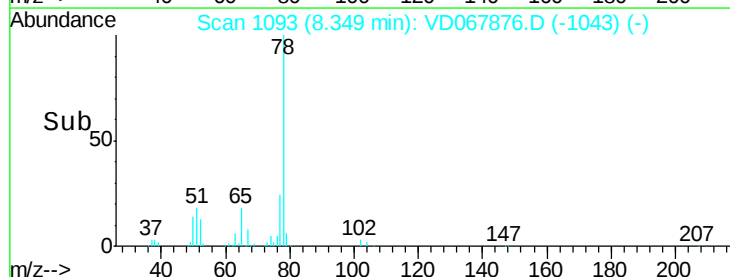
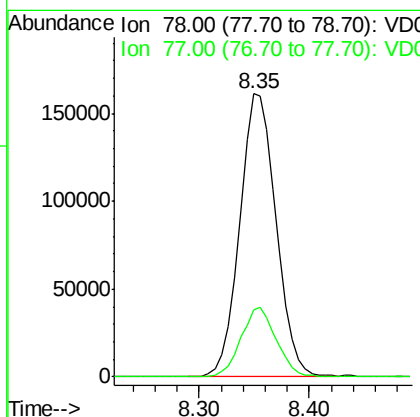
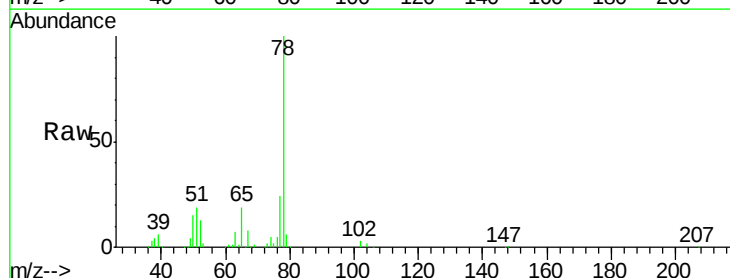
Manual Integrations  
APPROVED

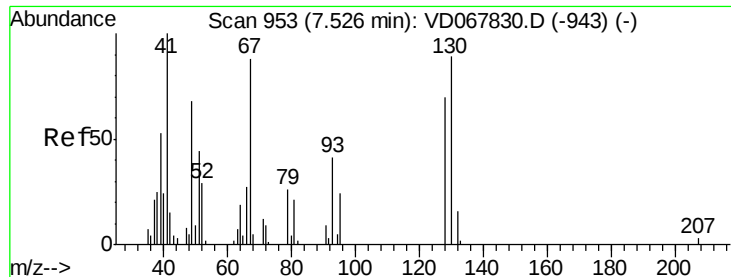
MMDadoda  
12/7/2020 11:30:43 AM



#40  
Benzene  
Concen: 50.397 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.7  | 19.1  | 28.7  |





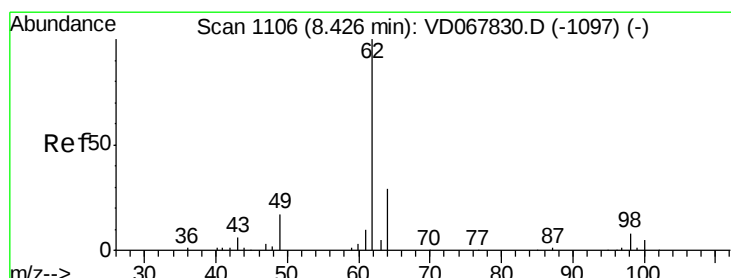
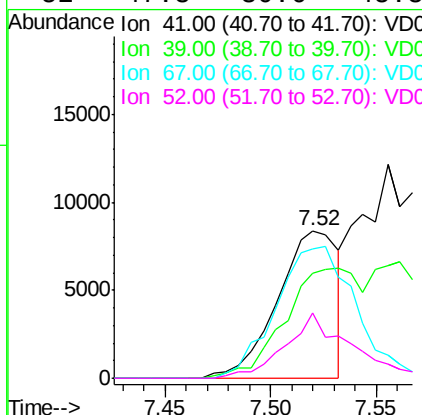
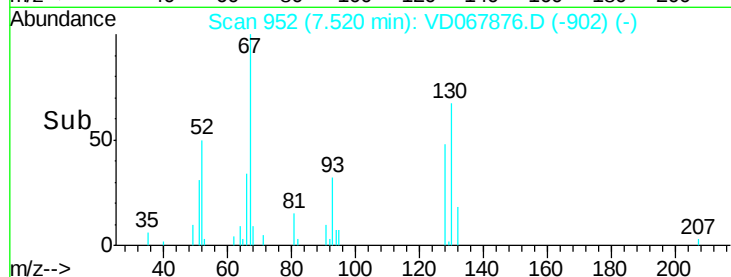
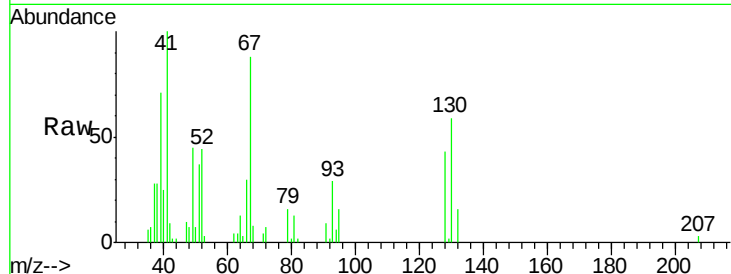
#41  
Methacrylonitrile  
Concen: 48.226 ug/l  
RT: 7.52 min Scan# 952  
Delta R.T. -0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 92.3  | 42.1  | 63.1# |
| 67      | 118.7 | 82.4  | 123.6 |
| 52      | 47.8  | 30.6  | 45.8# |

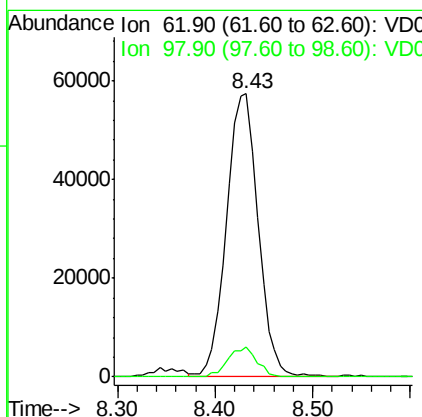
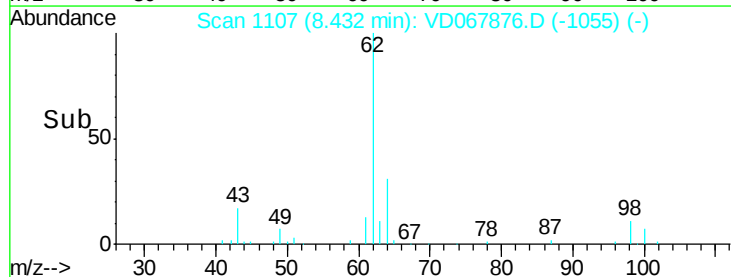
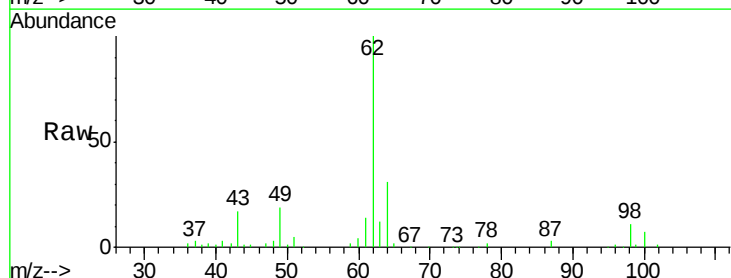
Manual Integrations  
APPROVED

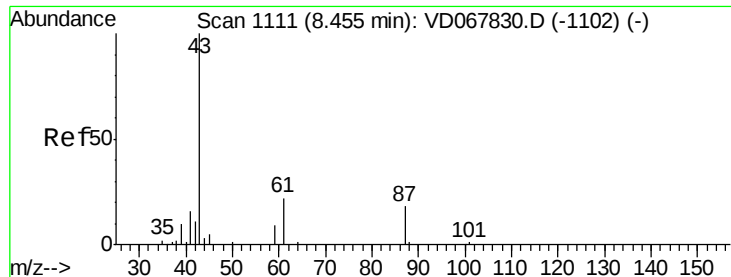
MMDadoda  
12/7/2020 11:30:43 AM



#42  
1,2-Dichloroethane  
Concen: 49.402 ug/l  
RT: 8.43 min Scan# 1107  
Delta R.T. 0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.5   | 0.0   | 17.2  |





#43

Isopropyl Acetate

Concen: 46.308 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

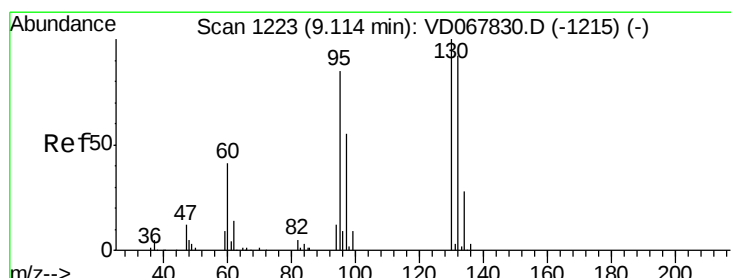
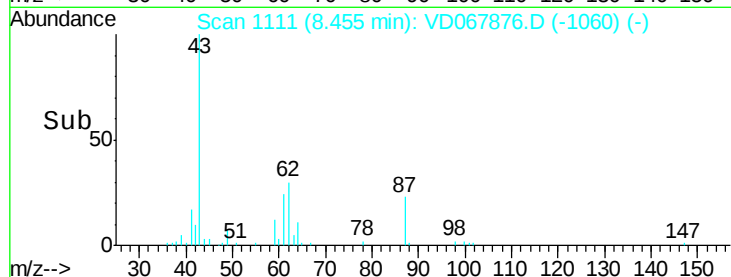
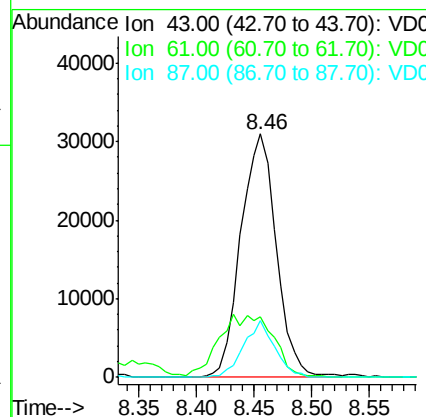
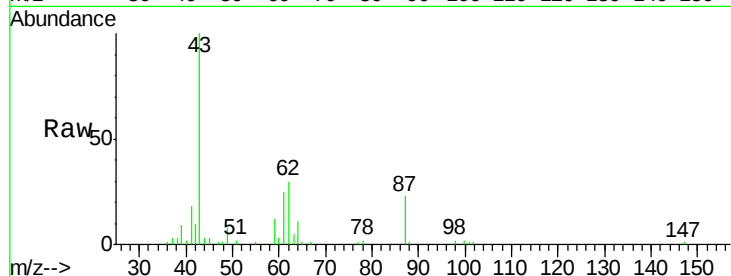
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 43    | Resp: | 66316 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 0.0   | 30.4  | 45.6# |
| 87        | 20.4  | 16.2  | 24.2  |

Manual Integrations  
APPROVED

MMDadoda  
12/7/2020 11:30:43 AM



#44

Trichloroethene

Concen: 49.985 ug/l

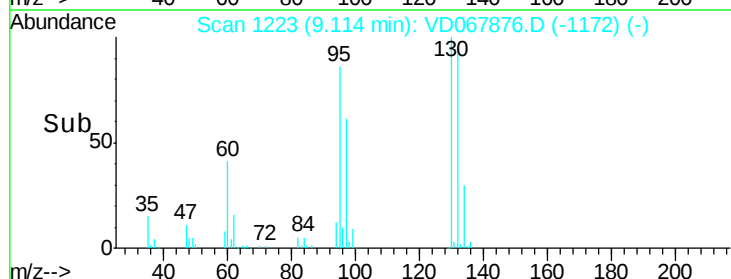
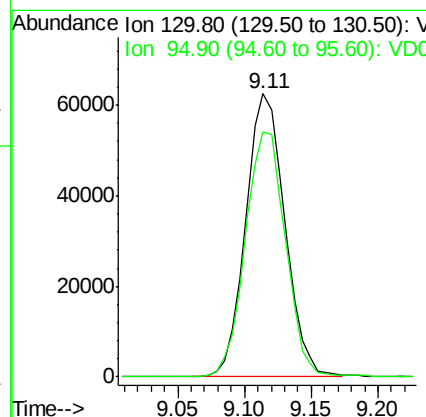
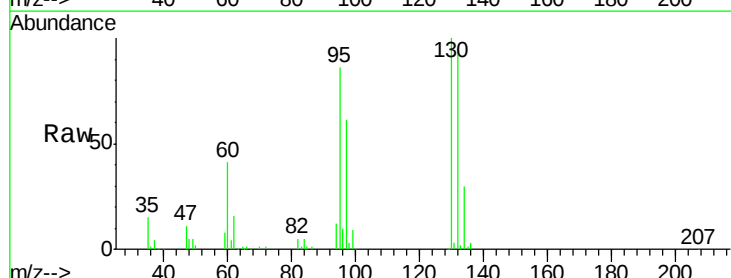
RT: 9.11 min Scan# 1223

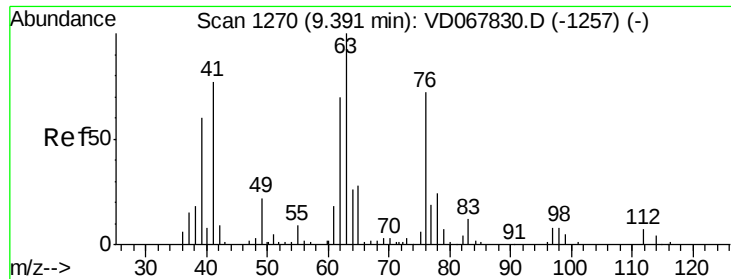
Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 130   | Resp: | 126988 |
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 86.3  | 0.0   | 170.2  |





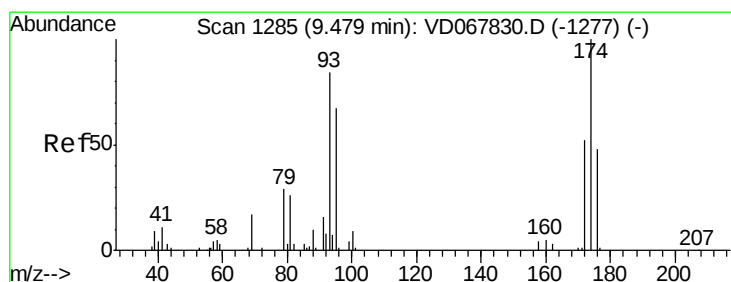
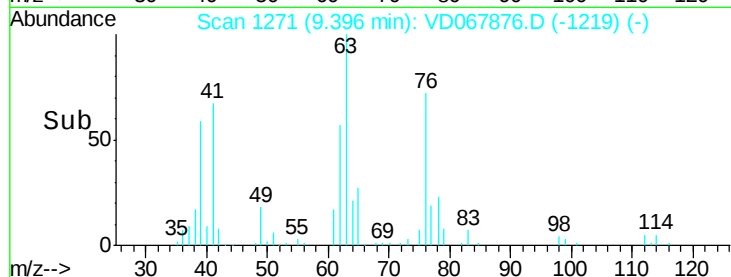
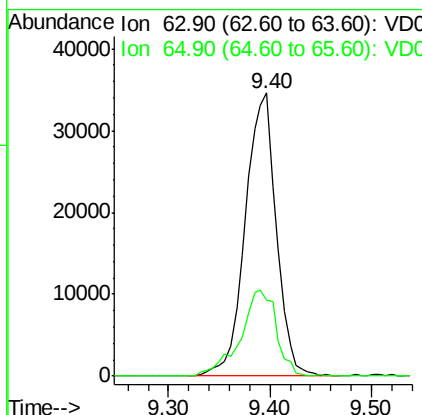
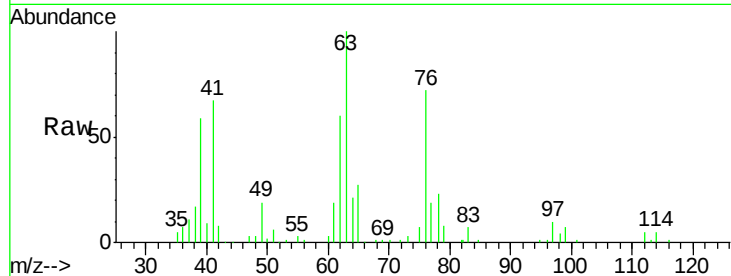
#45  
 1,2-Dichloropropane  
 Concen: 48.319 ug/l  
 RT: 9.40 min Scan# 1271  
 Delta R.T. 0.01 min  
 Lab File: VD067876.D  
 Acq: 04 Dec 2020 10:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 73280  
 Ion Ratio Lower Upper  
 63 100  
 65 27.0 22.8 34.2

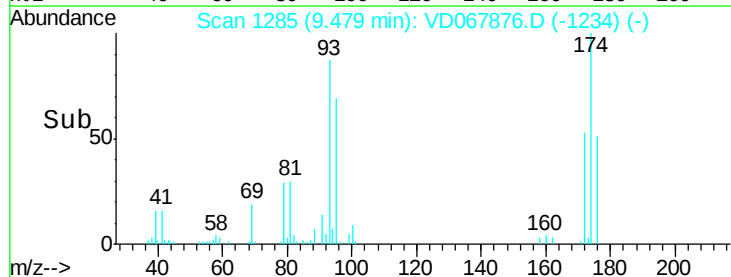
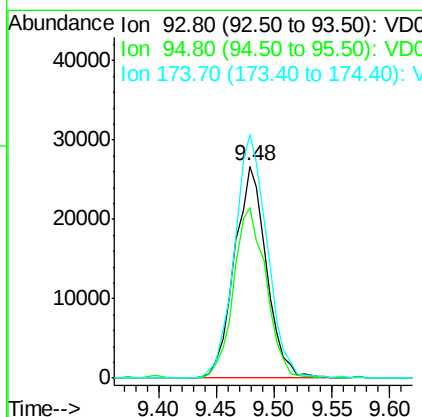
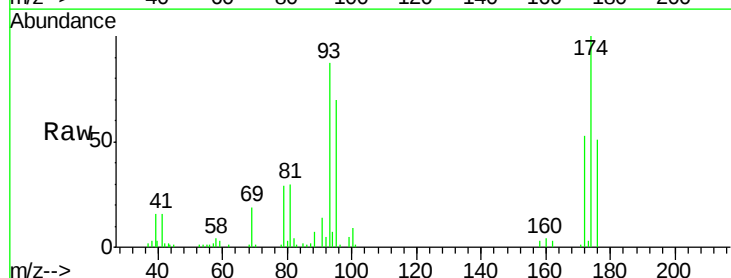
Manual Integrations  
 APPROVED

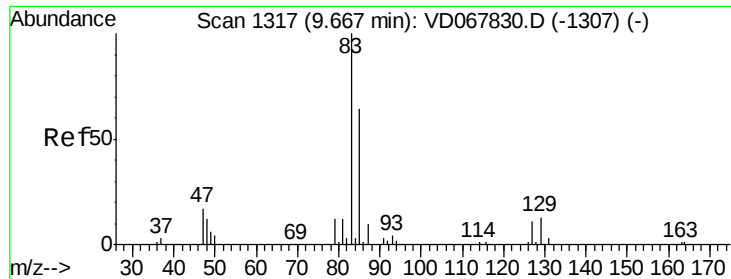
MMDadoda  
 12/7/2020 11:30:43 AM



#46  
 Dibromomethane  
 Concen: 48.795 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. -0.00 min  
 Lab File: VD067876.D  
 Acq: 04 Dec 2020 10:18

Tgt Ion: 93 Resp: 51452  
 Ion Ratio Lower Upper  
 93 100  
 95 81.5 64.2 96.4  
 174 117.1 91.5 137.3





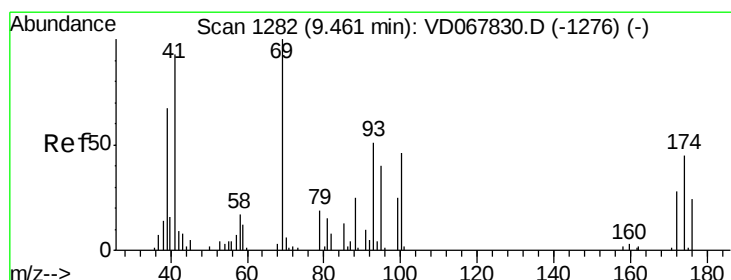
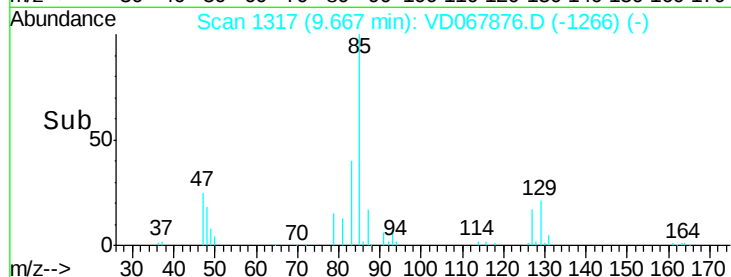
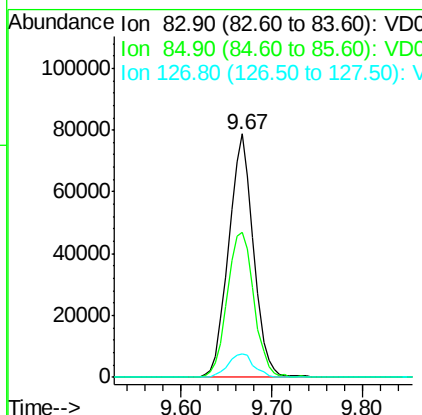
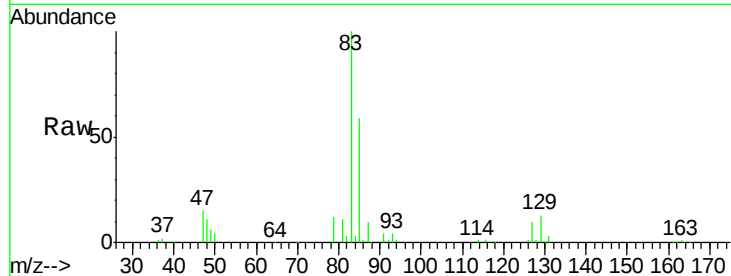
#47  
Bromodichloromethane  
Concen: 50.035 ug/l  
RT: 9.67 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 150411 |       |       |
| 85      | 59.4  |        | 51.4  | 77.0  |
| 127     | 9.8   |        | 8.5   | 12.7  |

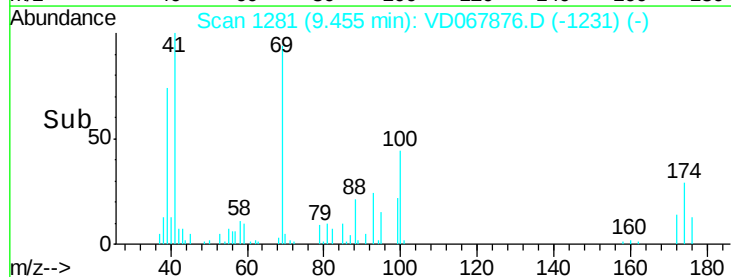
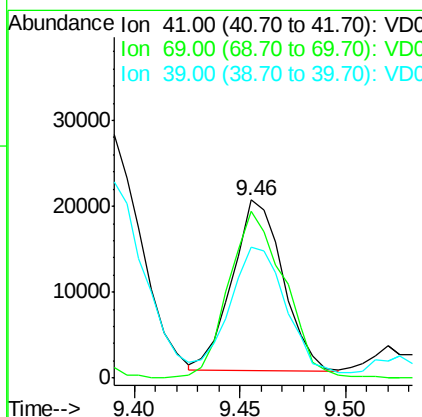
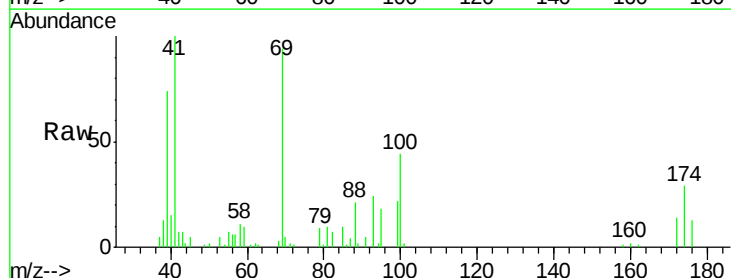
Manual Integrations  
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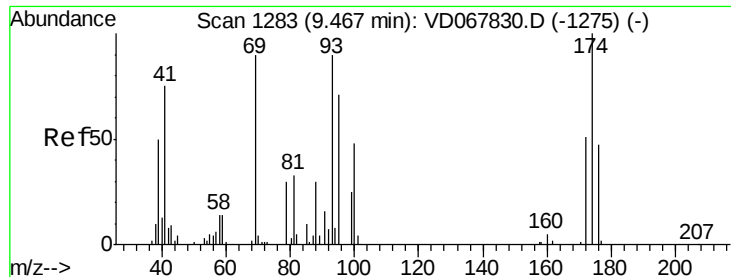
MMDadoda  
12/7/2020 11:30:43 AM



#48  
Methyl methacrylate  
Concen: 45.569 ug/l  
RT: 9.46 min Scan# 1281  
Delta R.T. -0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 33137 |       |       |
| 69      | 107.8 |       | 87.6  | 131.4 |
| 39      | 79.9  |       | 61.2  | 91.8  |





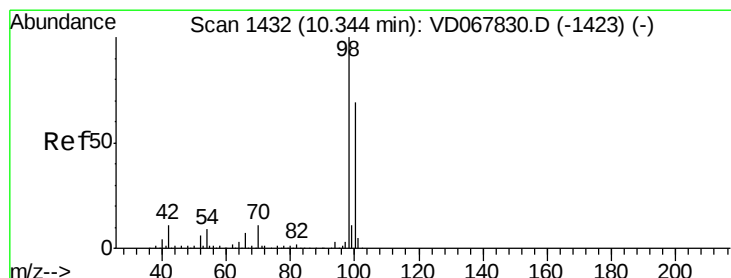
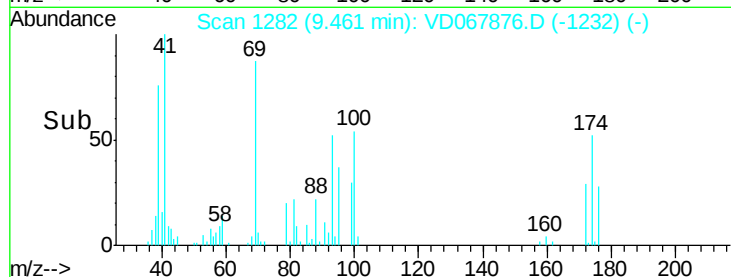
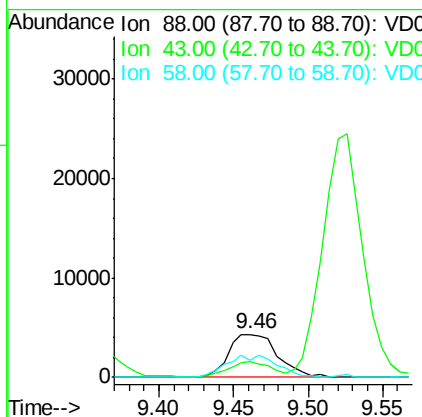
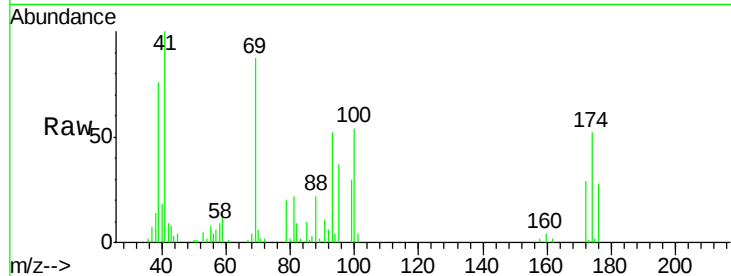
#49  
1,4-Dioxane  
Concen: 821.080 ug/l  
RT: 9.46 min Scan# 1282  
Delta R.T. -0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.8  | 30.1  | 45.1  |
| 58      | 52.7  | 42.4  | 63.6  |

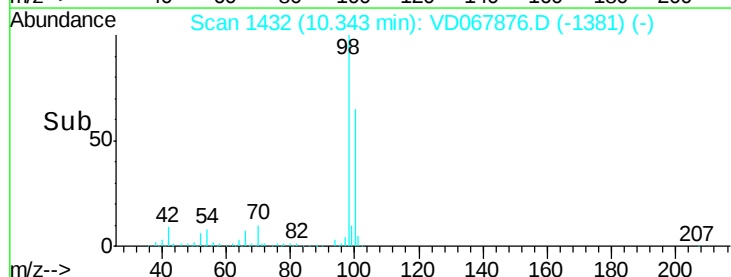
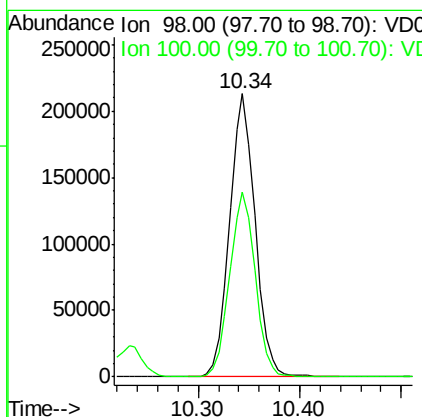
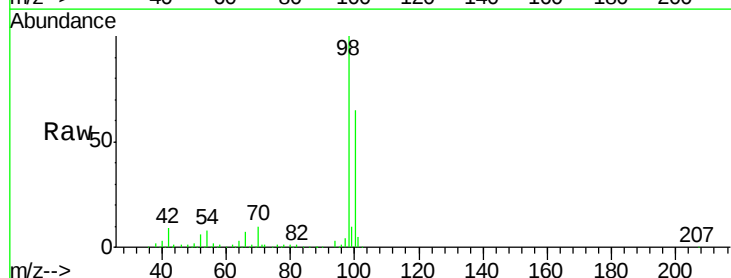
Manual Integrations  
APPROVED

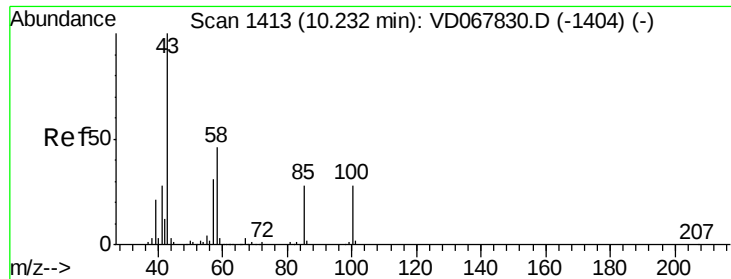
MMDadoda  
12/7/2020 11:30:43 AM



#50  
Toluene-d8  
Concen: 49.617 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.1  | 52.9  | 79.3  |





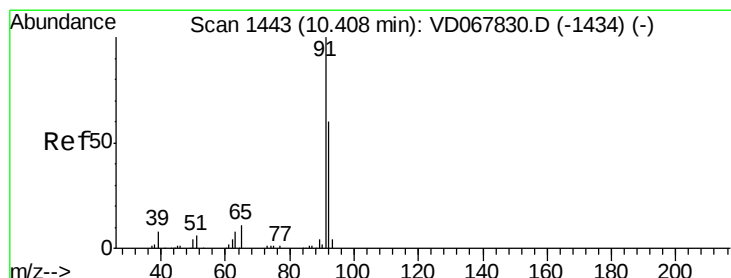
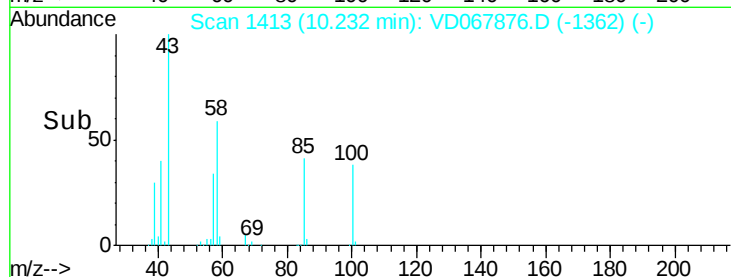
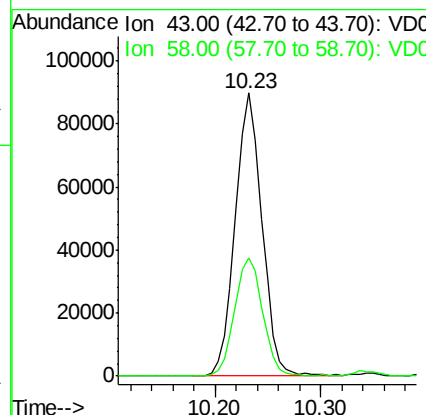
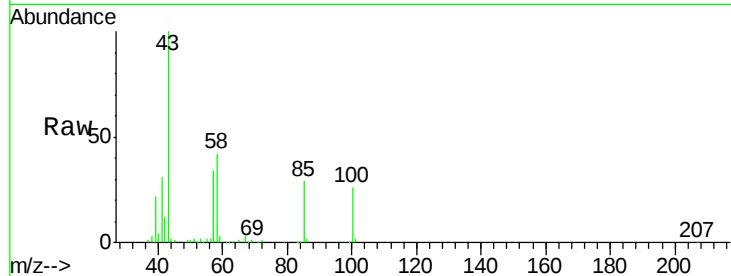
#51  
4-Methyl-2-Pentanone  
Concen: 232.412 ug/l  
RT: 10.23 min Scan# 1413  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 157524  
Ion Ratio Lower Upper  
43 100  
58 43.6 35.7 53.5

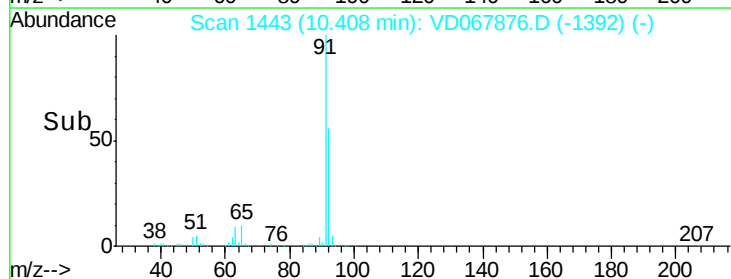
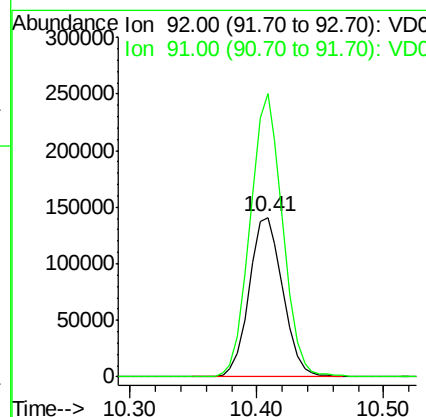
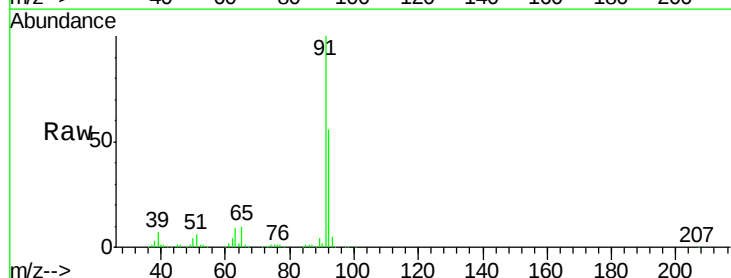
Manual Integrations  
APPROVED

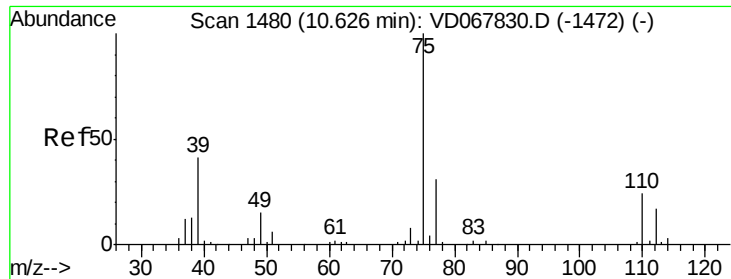
MMDadoda  
12/7/2020 11:30:43 AM



#52  
Toluene  
Concen: 50.289 ug/l  
RT: 10.41 min Scan# 1443  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Tgt Ion: 92 Resp: 259805  
Ion Ratio Lower Upper  
92 100  
91 171.9 134.2 201.2





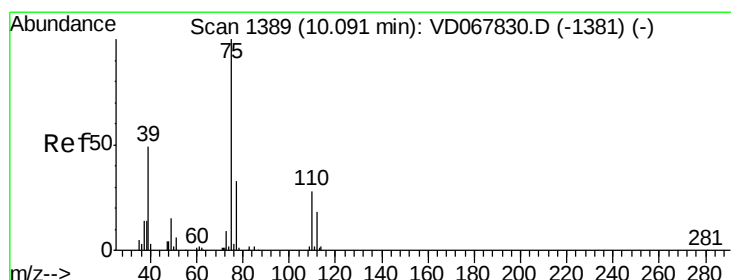
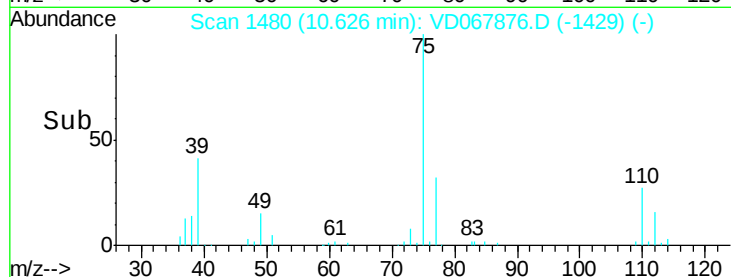
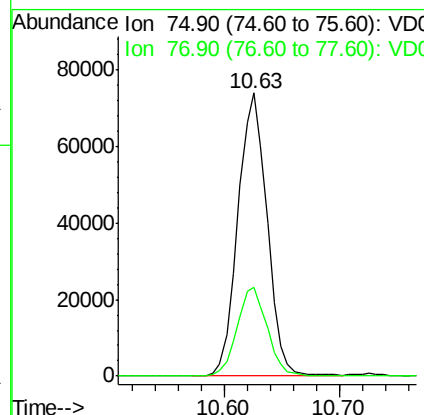
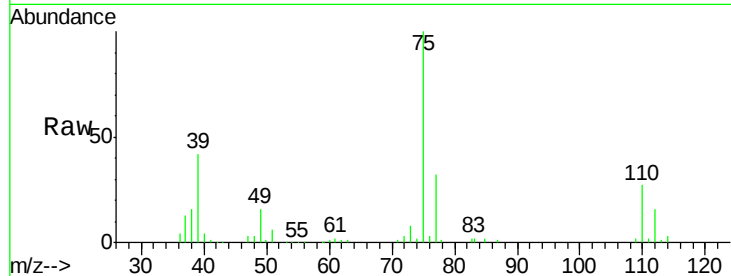
#53  
t-1,3-Dichloropropene  
Concen: 49.852 ug/l  
RT: 10.63 min Scan# 1480  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 129347  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.0 37.4

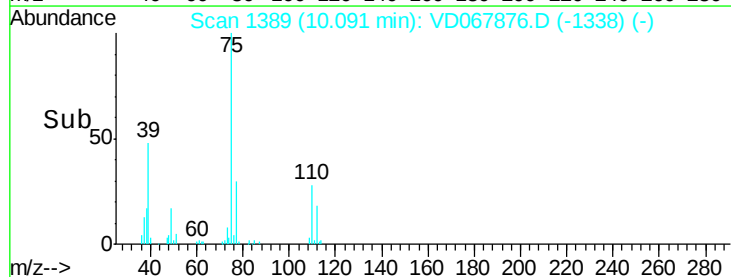
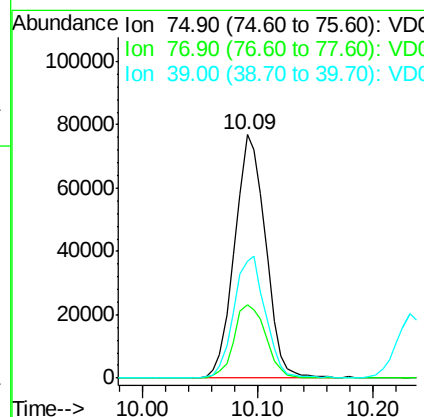
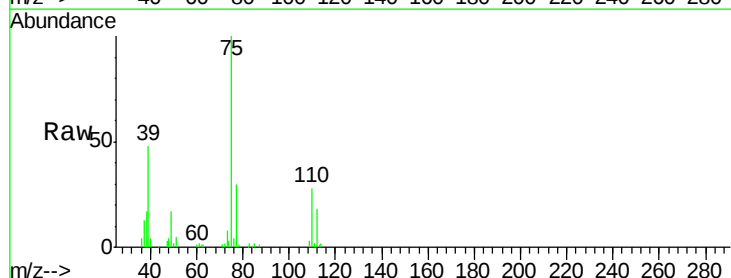
Manual Integrations  
APPROVED

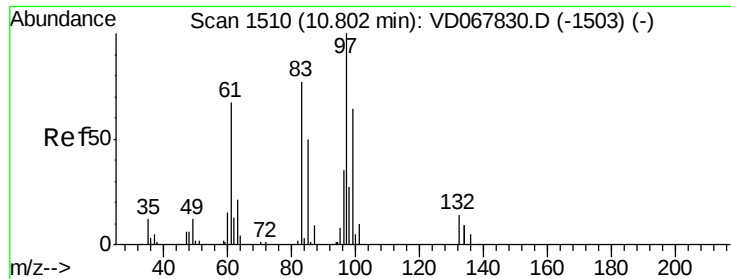
MMDadoda  
12/7/2020 11:30:43 AM



#54  
cis-1,3-Dichloropropene  
Concen: 50.640 ug/l  
RT: 10.09 min Scan# 1389  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Tgt Ion: 75 Resp: 142918  
Ion Ratio Lower Upper  
75 100  
77 30.0 26.2 39.2  
39 47.6 39.0 58.4





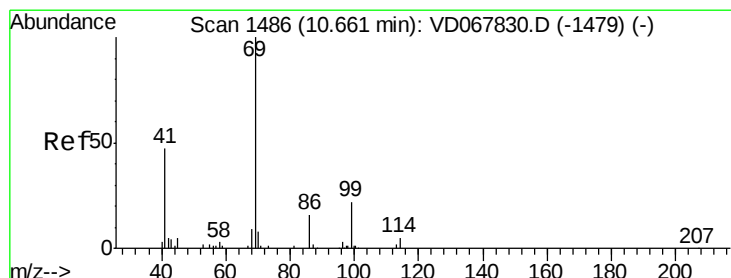
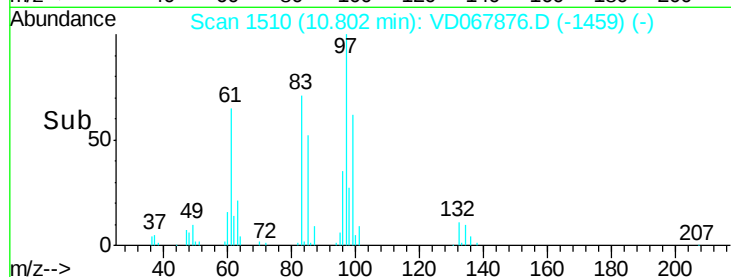
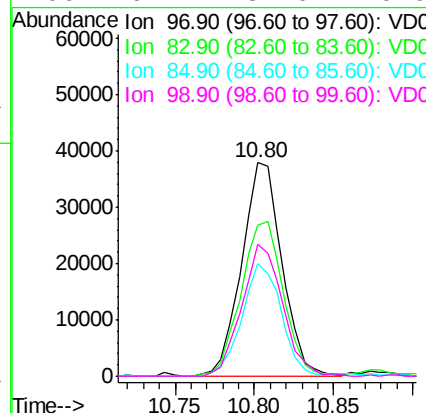
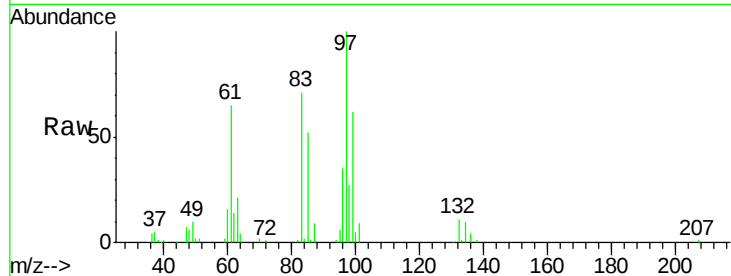
#55  
 1,1,2-Trichloroethane  
 Concen: 46.401 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VD067876.D  
 Acq: 04 Dec 2020 10:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | 97    | Resp: | 66958 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 70.9  | 61.9  | 92.9  |
| 85      | 52.5  | 40.2  | 60.4  |
| 99      | 61.7  | 51.0  | 76.6  |

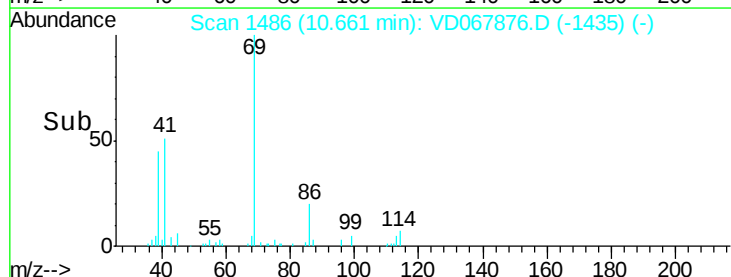
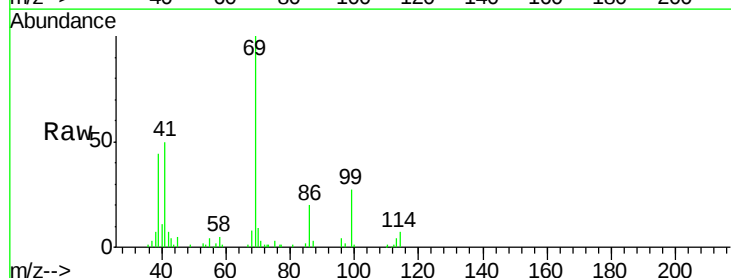
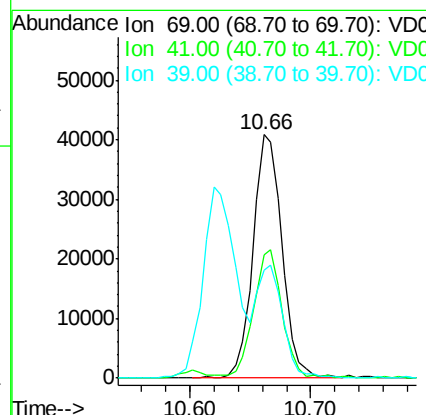
Manual Integrations  
 APPROVED

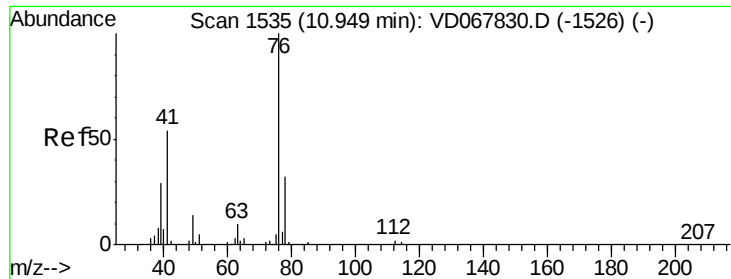
MMDadoda  
 12/7/2020 11:30:43 AM



#56  
 Ethyl methacrylate  
 Concen: 46.630 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. -0.00 min  
 Lab File: VD067876.D  
 Acq: 04 Dec 2020 10:18

| Tgt Ion | 69    | Resp: | 68463 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 69      | 100   |       |       |
| 41      | 52.6  | 42.8  | 64.2  |
| 39      | 41.8  | 30.5  | 45.7  |





#57

1,3-Dichloropropane

Concen: 46.827 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 107038

Ion Ratio Lower Upper

76 100

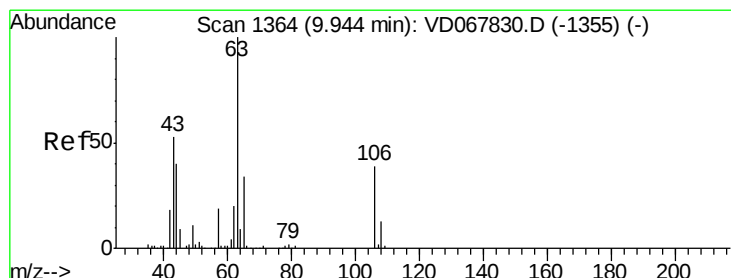
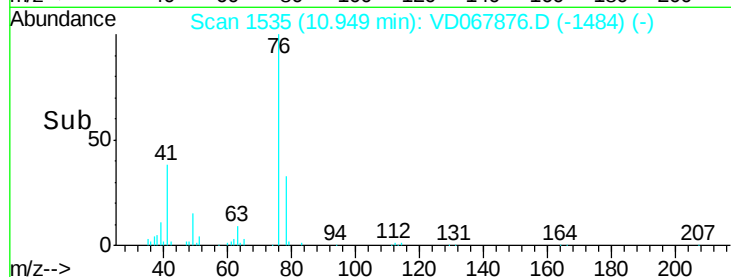
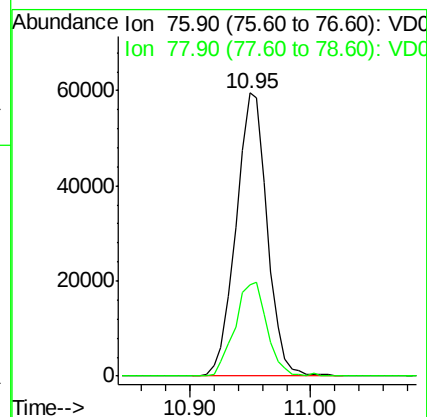
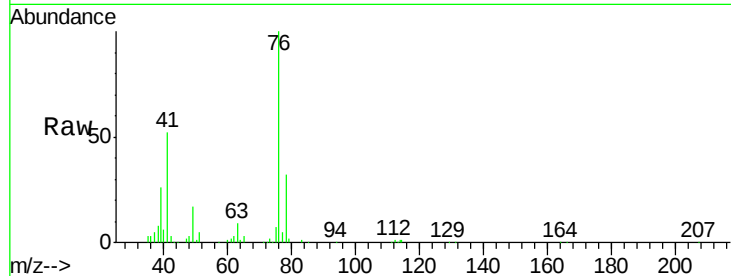
78 34.0 26.6 39.8

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12/7/2020 11:30:43 AM



#58

2-Chloroethyl Vinyl ether

Concen: 258.849 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD067876.D

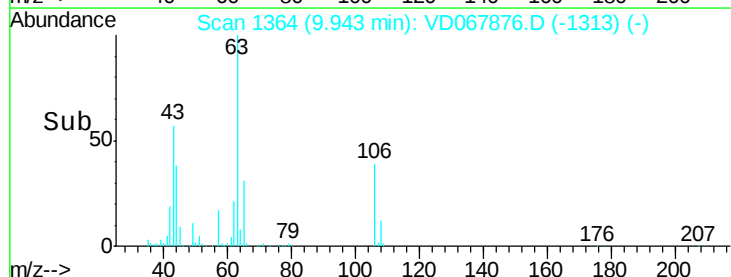
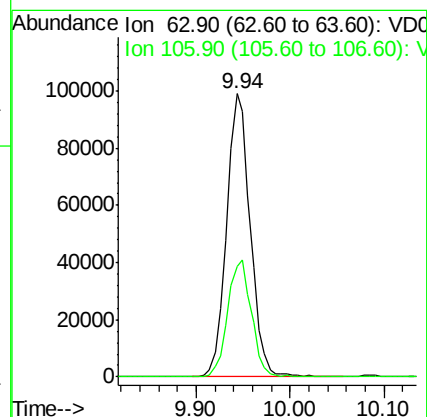
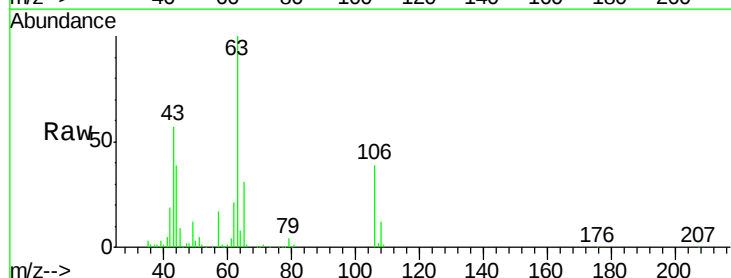
Acq: 04 Dec 2020 10:18

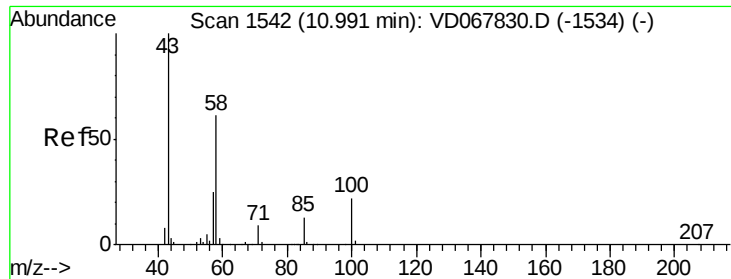
Tgt Ion: 63 Resp: 172934

Ion Ratio Lower Upper

63 100

106 41.5 32.0 48.0





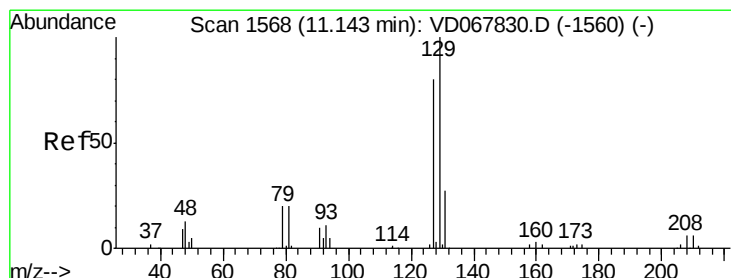
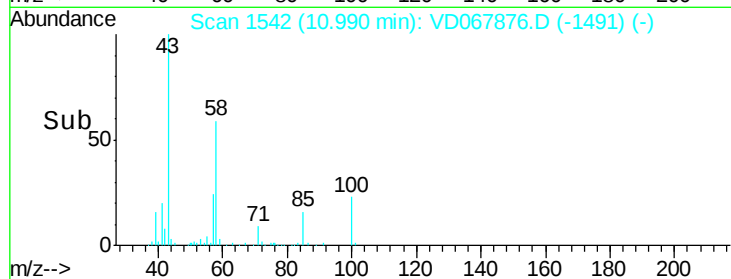
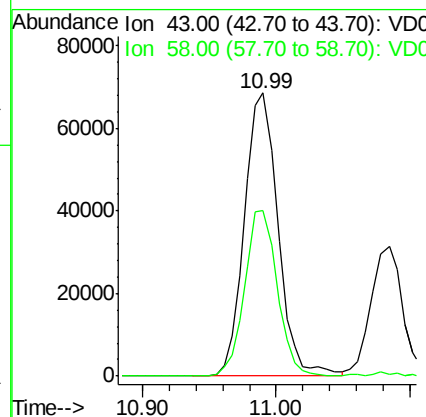
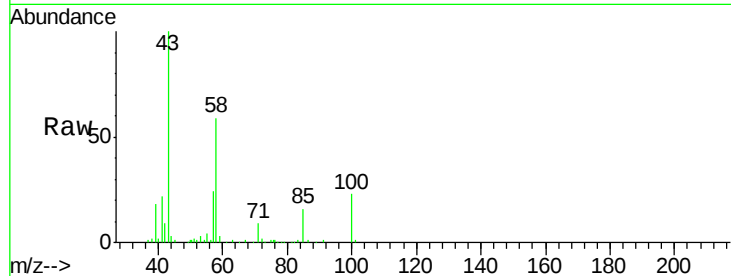
#59  
2-Hexanone  
Concen: 249.851 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 119378  
Ion Ratio Lower Upper  
43 100  
58 56.8 29.9 89.7

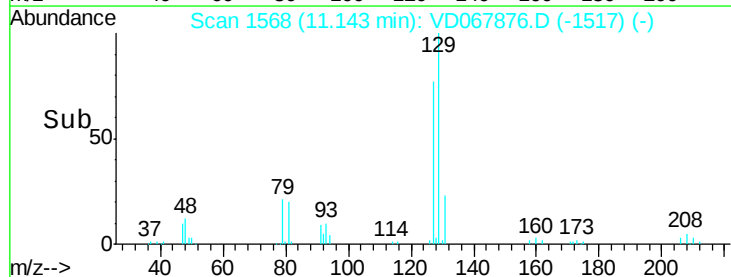
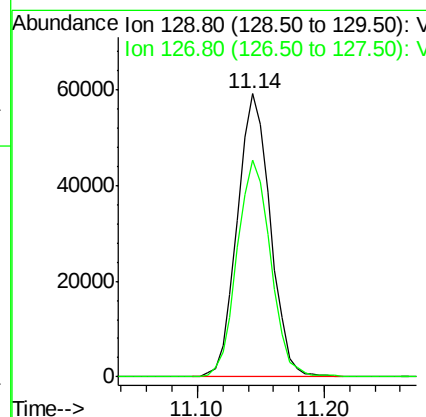
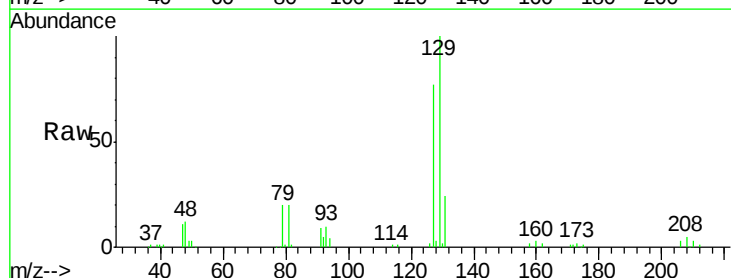
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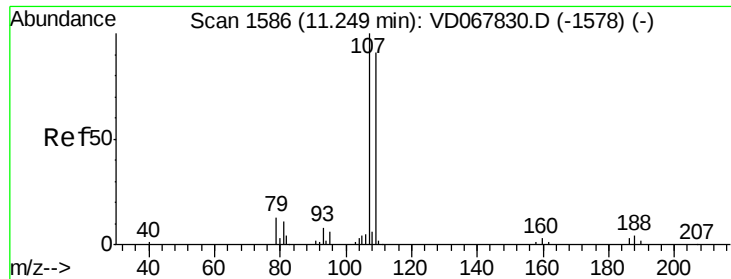
MMDadoda  
12/7/2020 11:30:43 AM



#60  
Dibromochloromethane  
Concen: 48.959 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Tgt Ion: 129 Resp: 106499  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.2 117.6





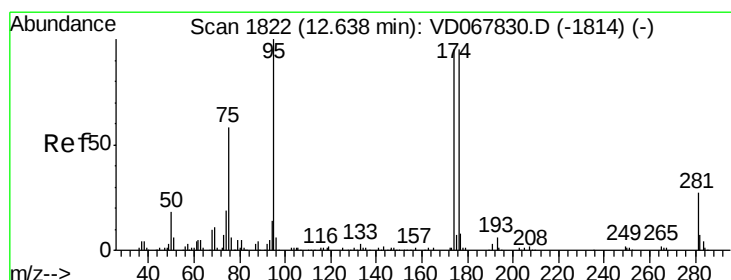
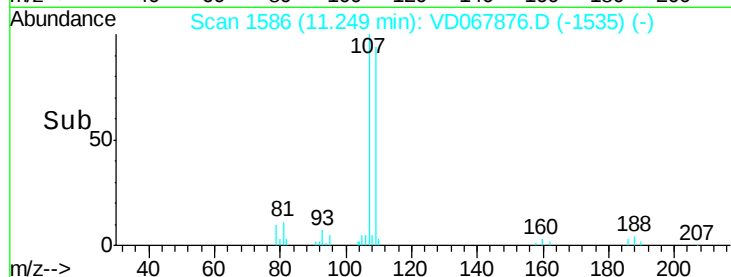
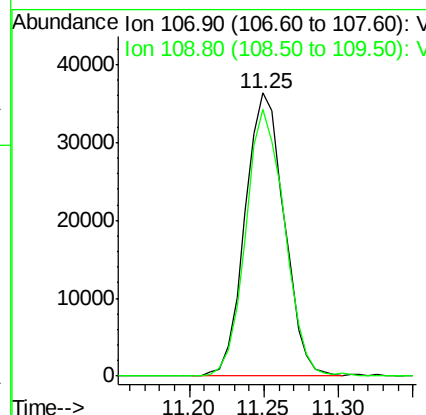
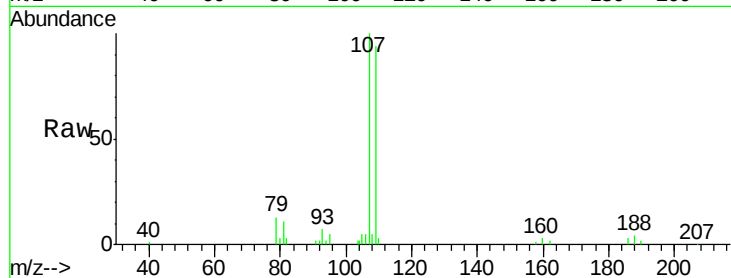
#61  
 1,2-Dibromoethane  
 Concen: 46.454 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. -0.00 min  
 Lab File: VD067876.D  
 Acq: 04 Dec 2020 10:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.7  | 75.9  | 113.9 |

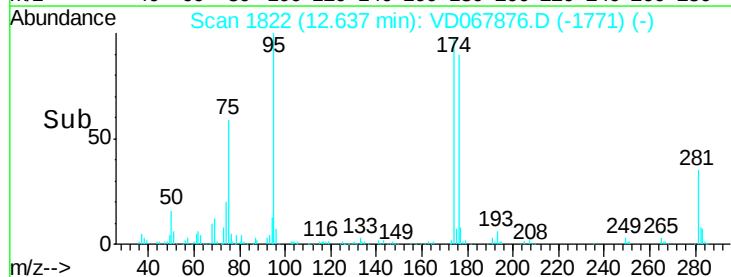
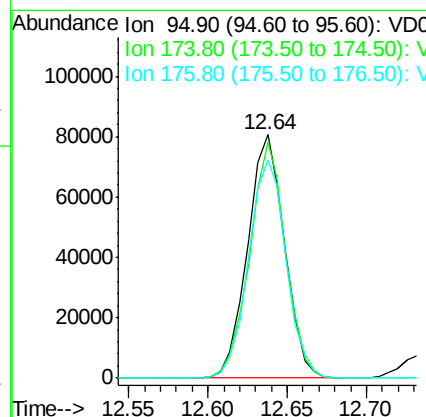
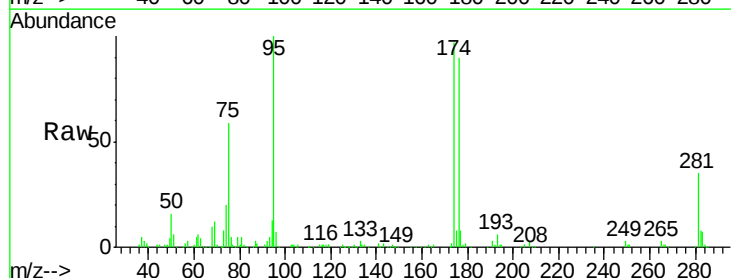
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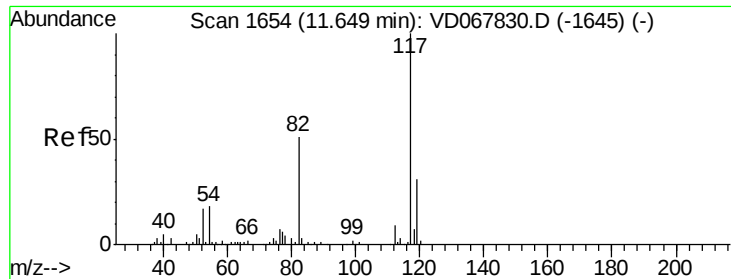
MMDadoda  
 12/7/2020 11:30:43 AM



#62  
 4-Bromofluorobenzene  
 Concen: 50.162 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. -0.00 min  
 Lab File: VD067876.D  
 Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 94.2  | 0.0   | 186.0 |
| 176     | 91.0  | 0.0   | 184.2 |





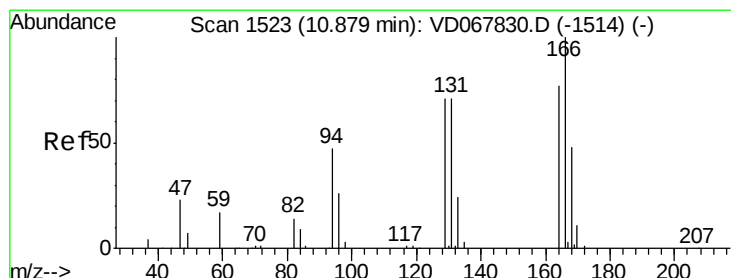
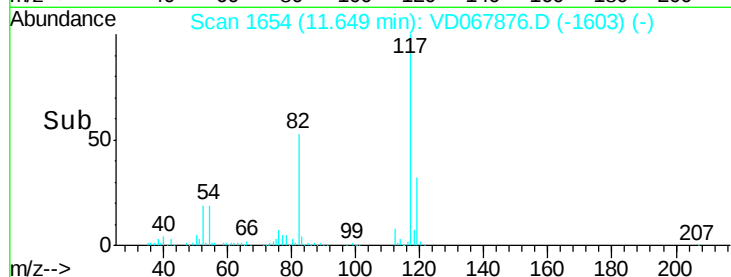
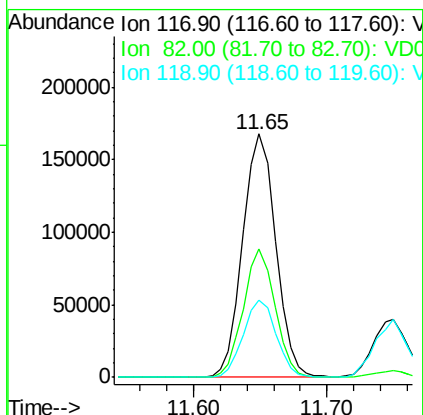
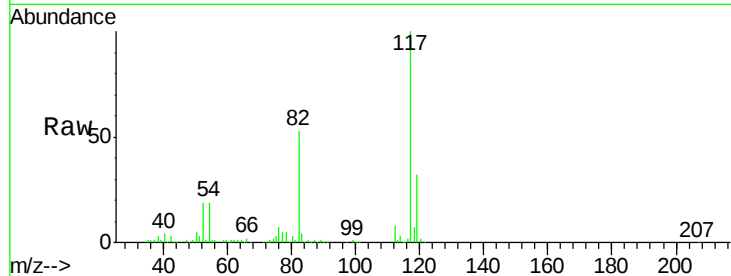
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 288786 |       |       |
| 82      | 52.8  |        | 40.6  | 60.8  |
| 119     | 31.7  |        | 25.1  | 37.7  |

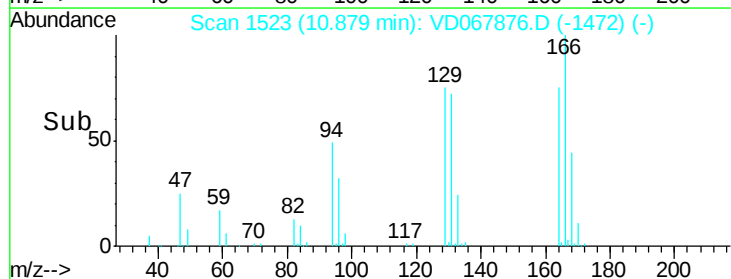
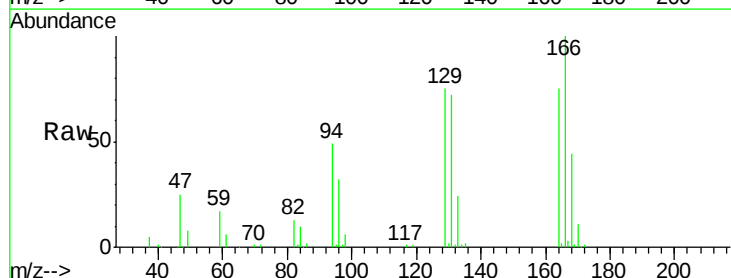
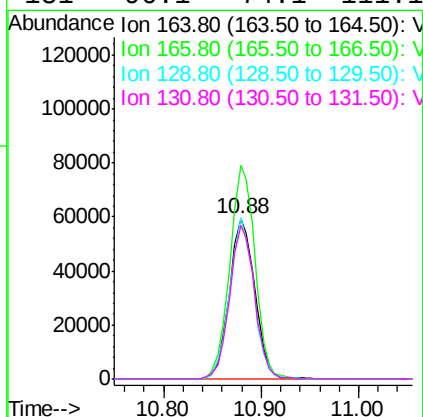
Manual Integrations  
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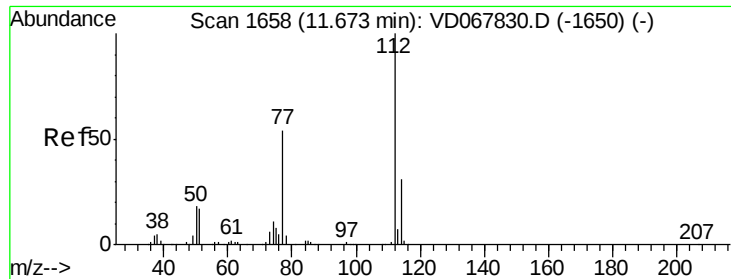
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 45.691 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 107628 |       |       |
| 166     | 133.5 |        | 103.8 | 155.6 |
| 129     | 100.4 |        | 73.3  | 109.9 |
| 131     | 96.1  |        | 74.1  | 111.1 |





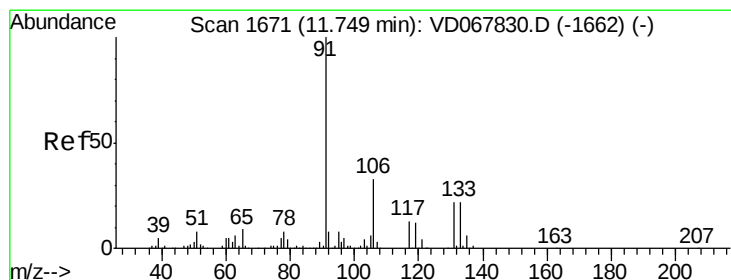
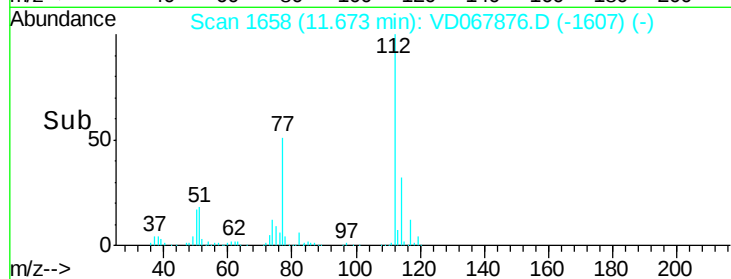
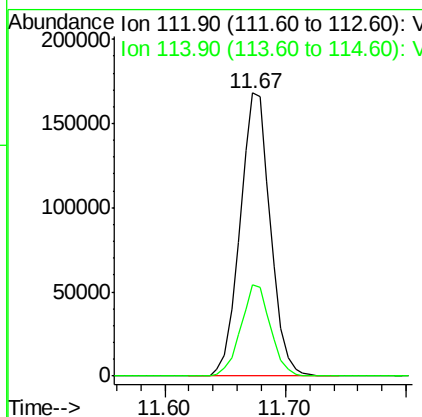
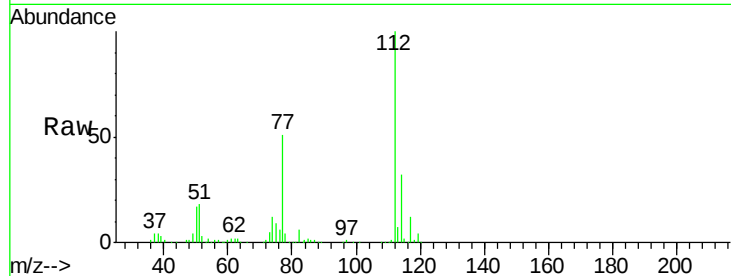
#65  
Chlorobenzene  
Concen: 49.276 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 293626 |       |       |
| 114     | 32.2  | 25.0   | 37.4  |       |

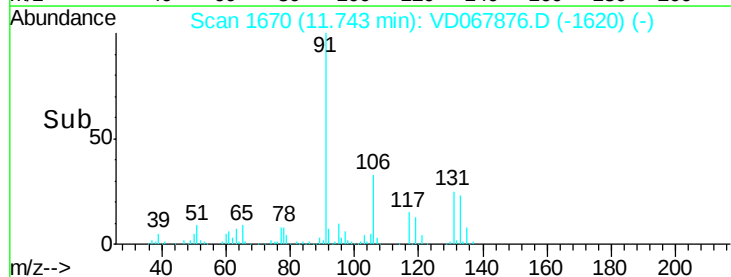
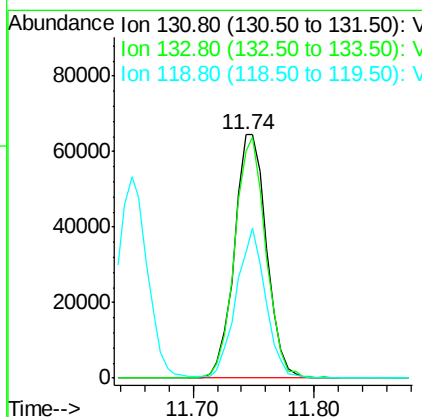
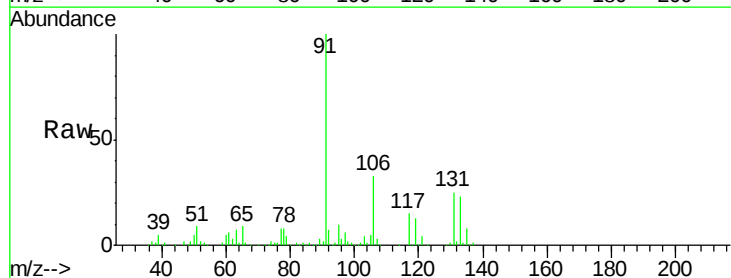
Manual Integrations  
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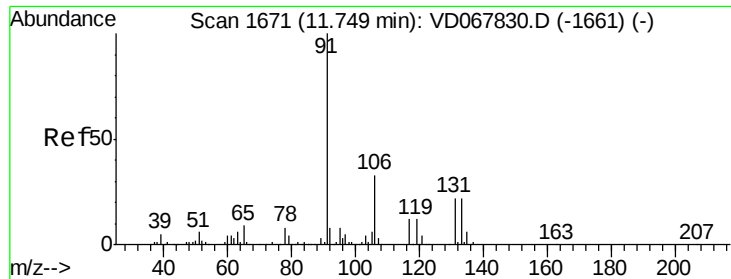
MMDadoda  
12/7/2020 11:30:43 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.213 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. -0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 131     | 100   | 119607 |       |       |
| 133     | 96.0  | 49.9   | 149.7 |       |
| 119     | 56.5  | 29.6   | 88.9  |       |





#67

Ethyl Benzene

Concen: 49.877 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 506288

Ion Ratio Lower Upper

91 100

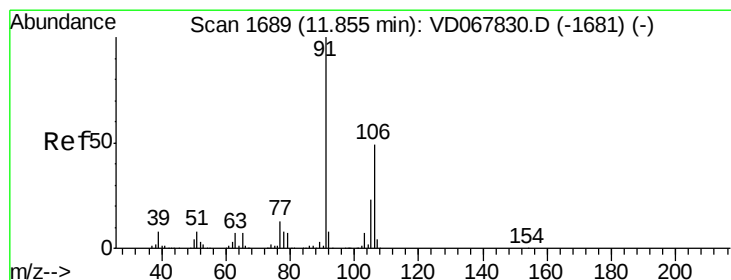
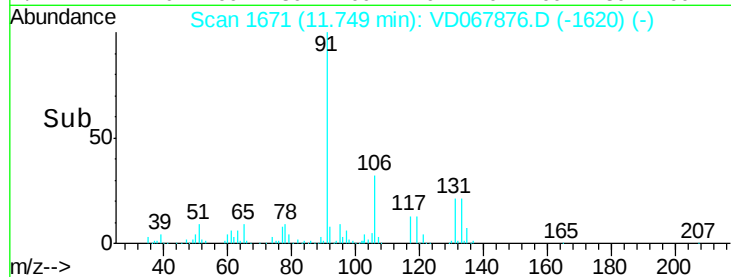
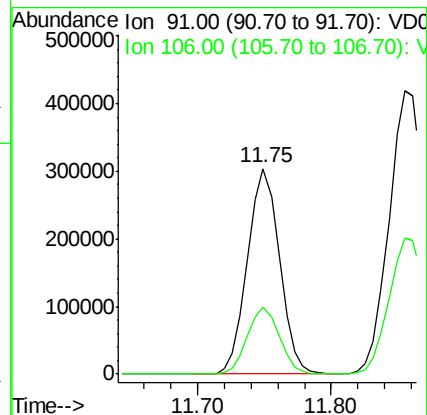
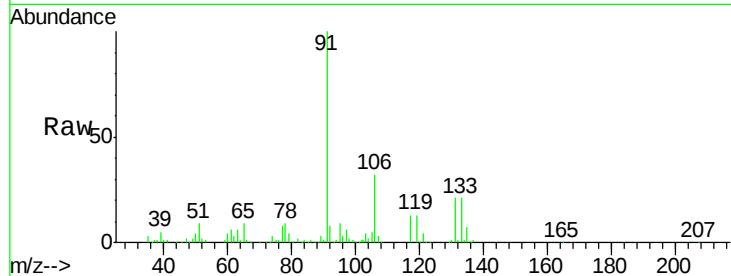
106 32.3 26.2 39.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 97.463 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD067876.D

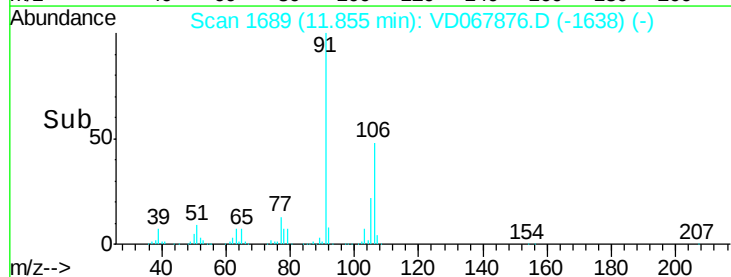
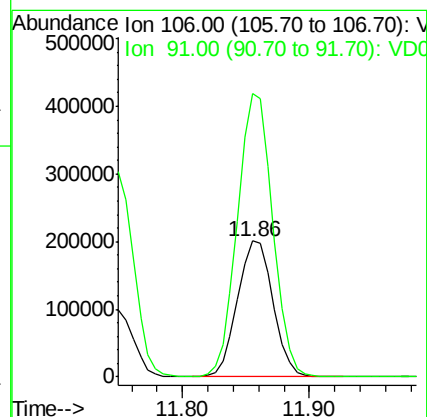
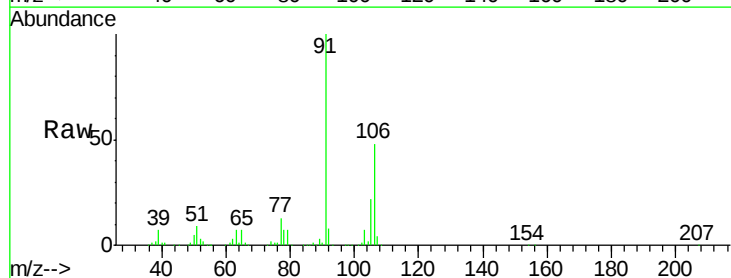
Acq: 04 Dec 2020 10:18

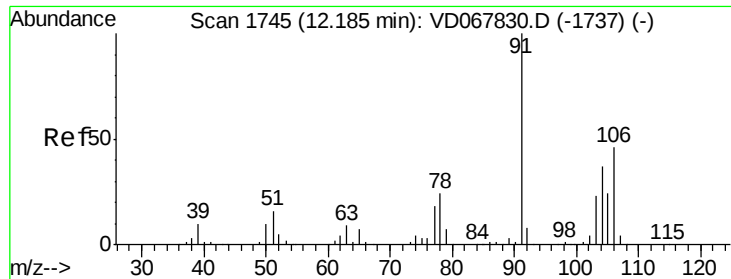
Tgt Ion: 106 Resp: 390098

Ion Ratio Lower Upper

106 100

91 206.5 162.8 244.2





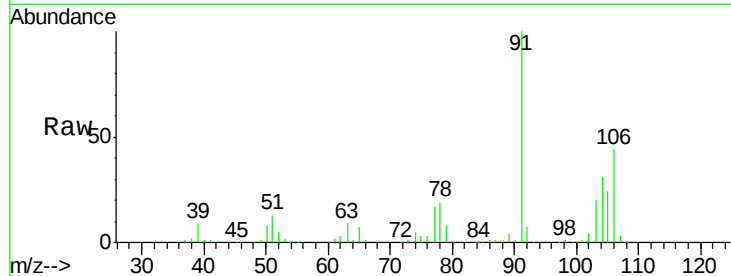
#69  
o-Xylene  
Concen: 52.062 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

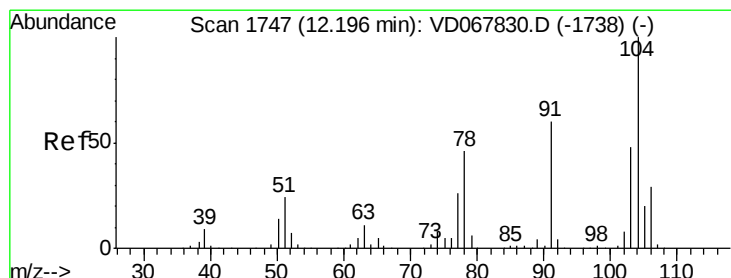
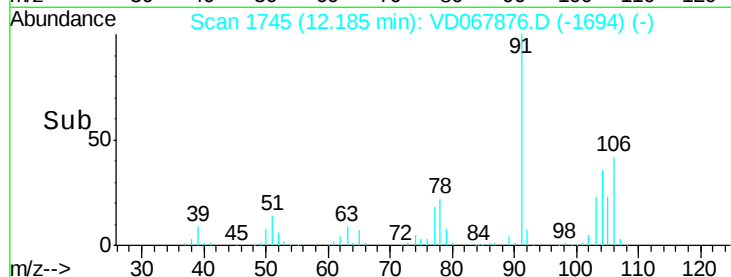
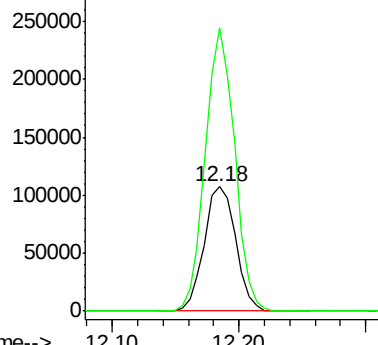
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 211.3 | 107.5 | 322.5 |

Manual Integrations  
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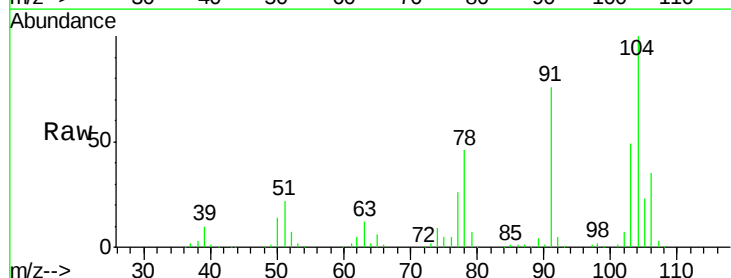


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

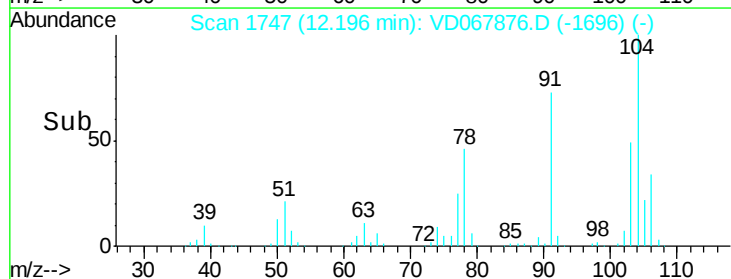
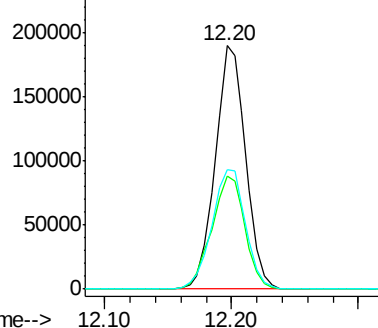


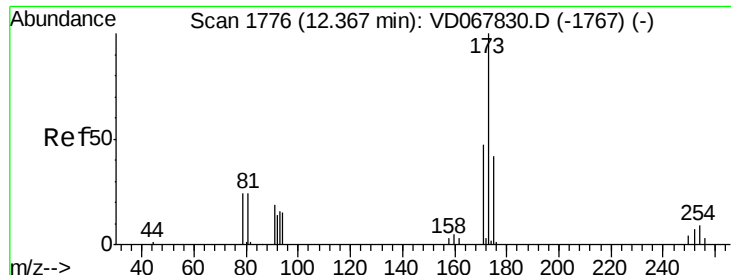
#70  
Styrene  
Concen: 51.029 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 50.8  | 41.6  | 62.4  |
| 103     | 54.4  | 43.2  | 64.8  |



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): V  
Ion 103.00 (102.70 to 103.70): V





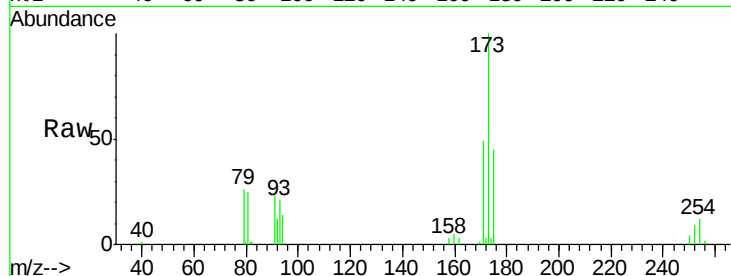
#71  
Bromoform  
Concen: 48.417 ug/l  
RT: 12.37 min Scan# 1776  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

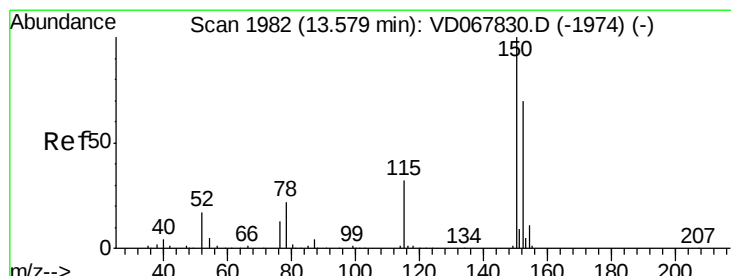
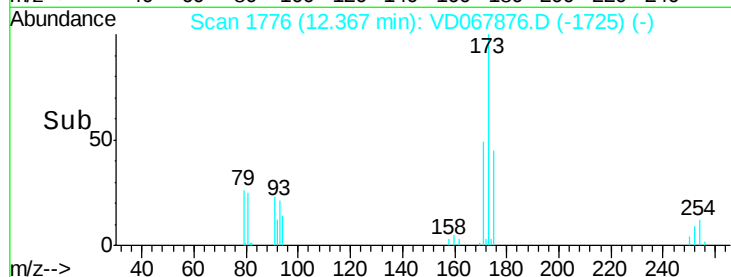
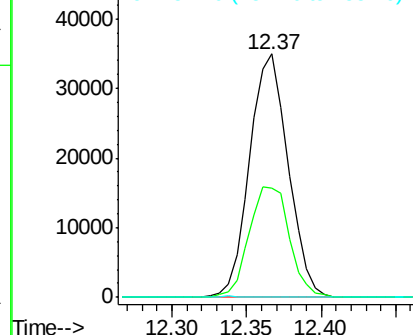
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.5  | 23.4  | 70.3  |
| 254     | 0.0   | 0.1   | 0.1   |

Manual Integrations  
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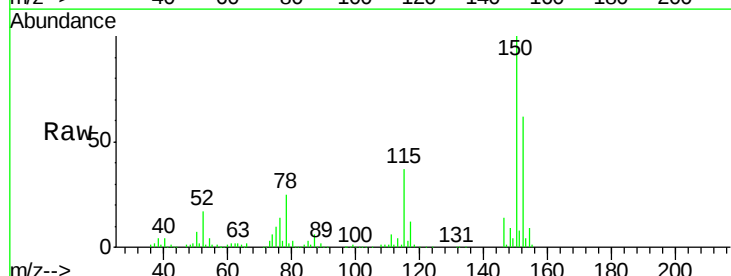


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

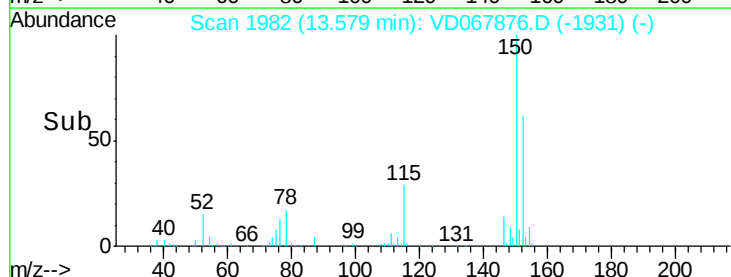
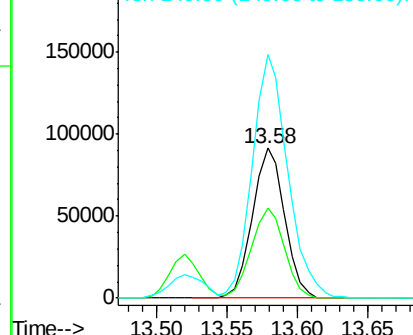


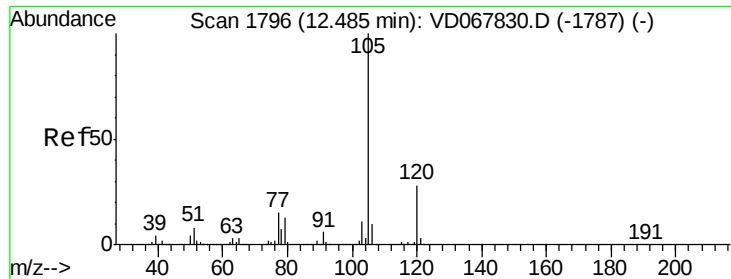
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 61.3  | 29.1  | 87.4  |
| 150     | 178.1 | 0.0   | 339.0 |



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: 51.338 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 518433

Ion Ratio Lower Upper

105 100

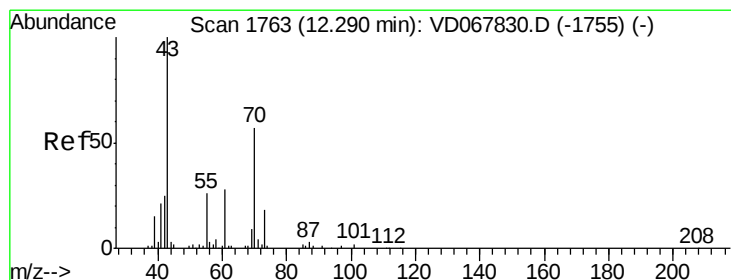
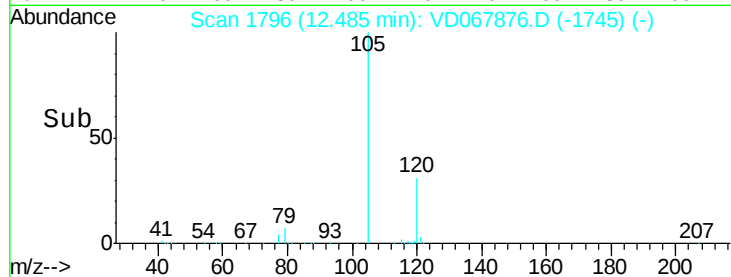
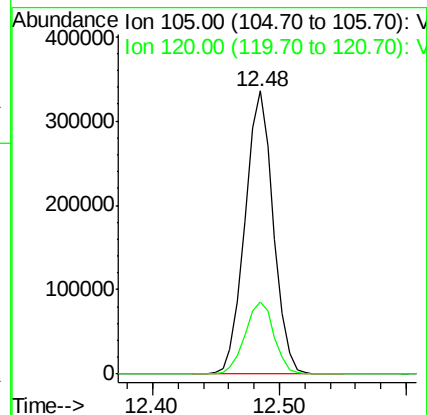
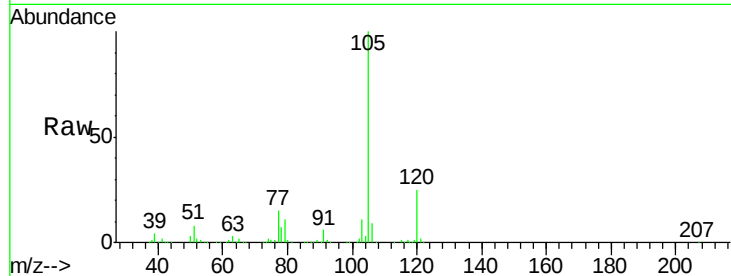
120 26.3 13.9 41.6

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#74

N-ethyl acetate

Concen: 47.310 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Tgt Ion: 43 Resp: 59097

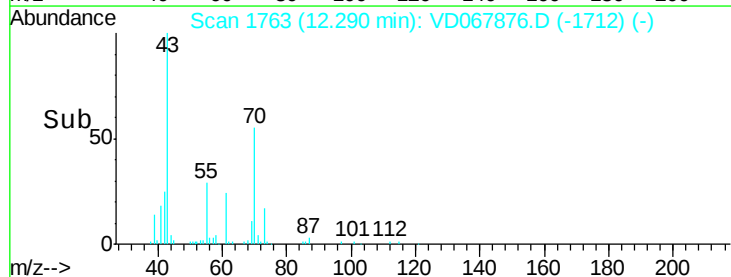
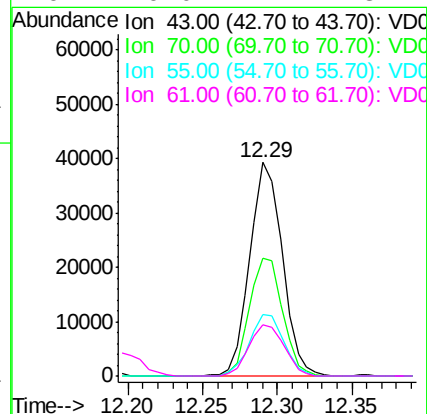
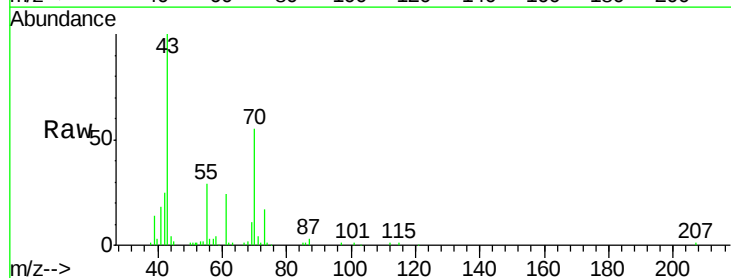
Ion Ratio Lower Upper

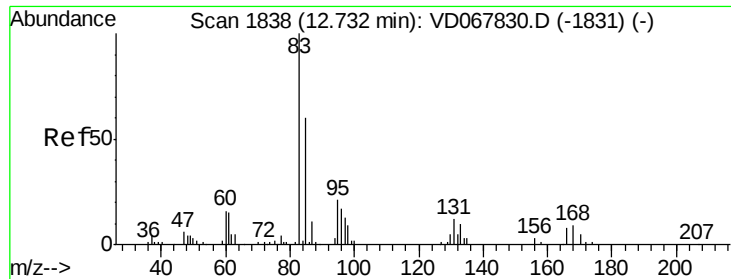
43 100

70 56.2 44.6 66.8

55 30.6 22.2 33.2

61 26.0 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 44.125 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

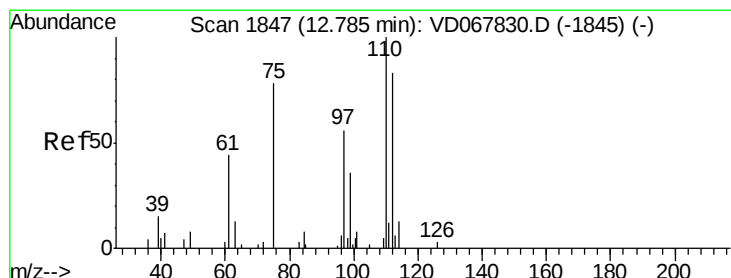
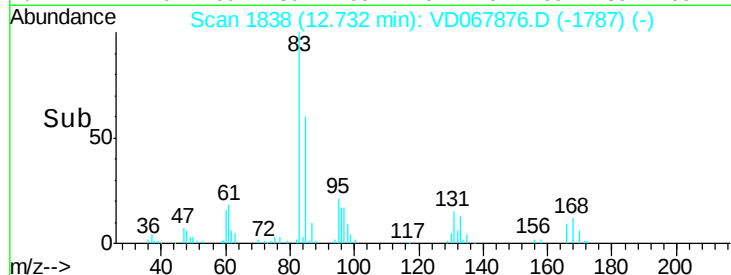
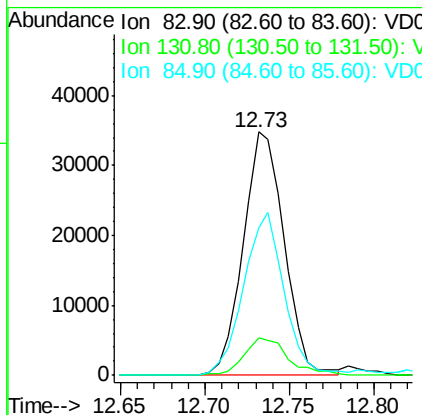
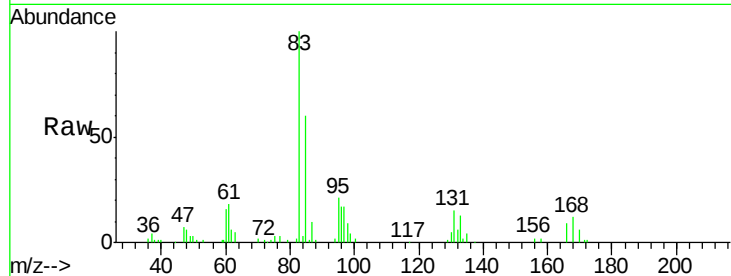
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 58829 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 16.6  | 8.0   | 24.0  |
| 85       | 65.9  | 31.7  | 95.1  |

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#76

1,2,3-Trichloropropane

Concen: 44.904 ug/l m

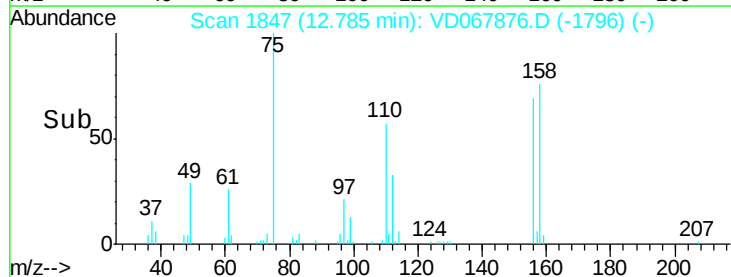
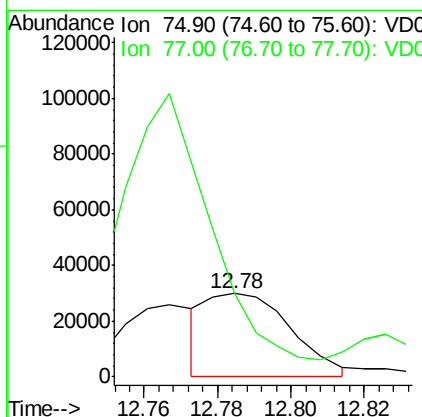
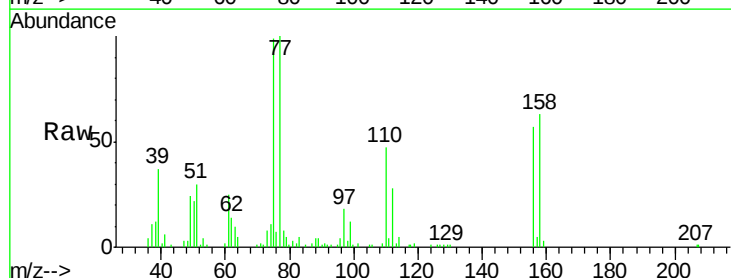
RT: 12.78 min Scan# 1847

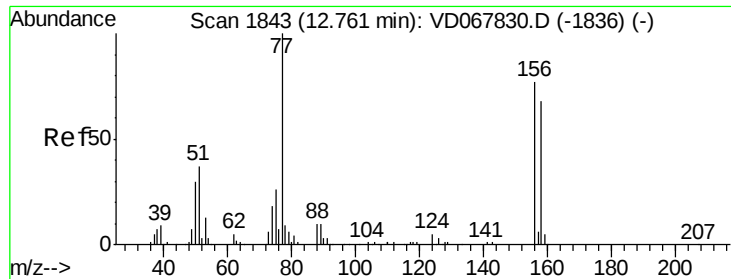
Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 48019 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 383.4 | 175.9 | 527.7 |





#77

Bromobenzene

Concen: 49.713 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

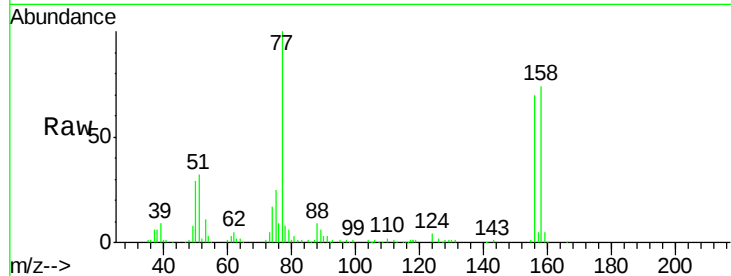
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 147.5 | 71.5  | 214.5 |
| 158     | 98.7  | 47.1  | 141.4 |

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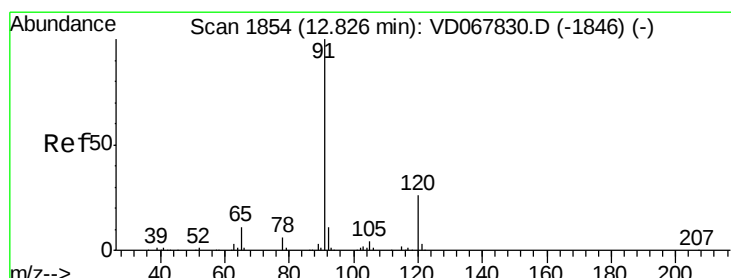
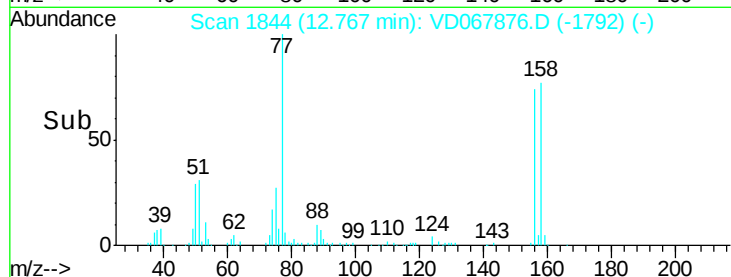
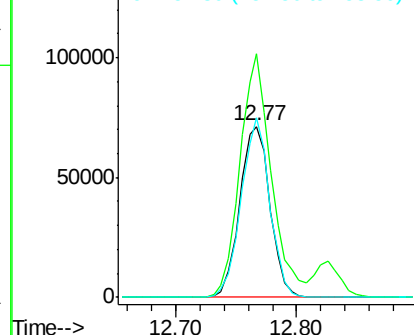
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.962 ug/l

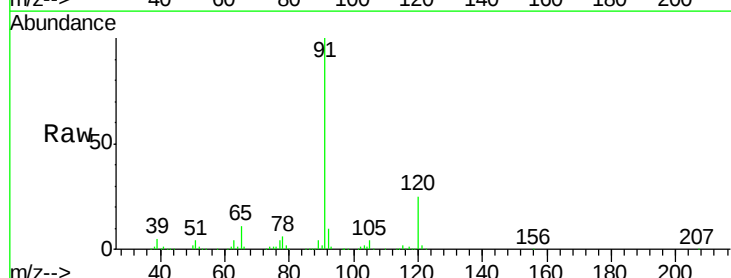
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067876.D

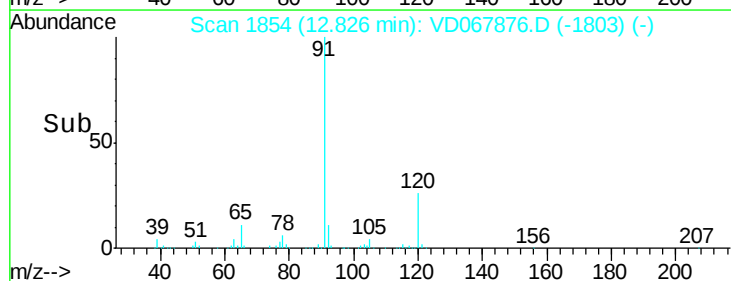
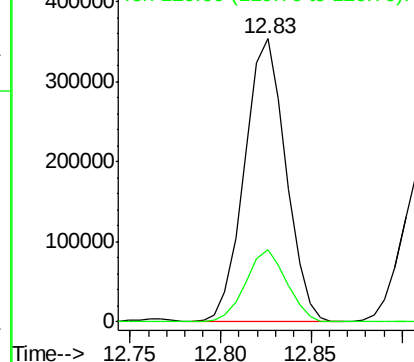
Acq: 04 Dec 2020 10:18

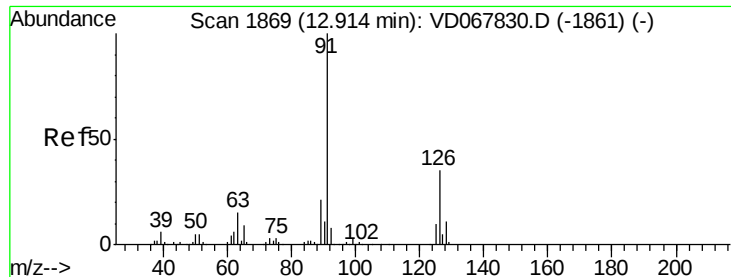
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 25.5  | 12.7  | 38.0  |



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.262 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 324370

Ion Ratio Lower Upper

91 100

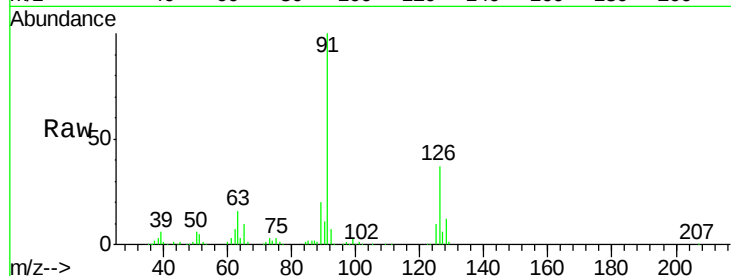
126 36.8 17.9 53.7

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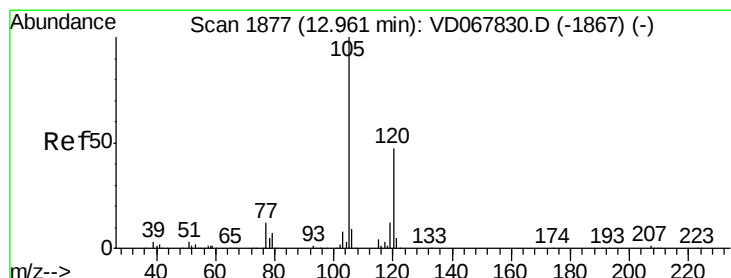
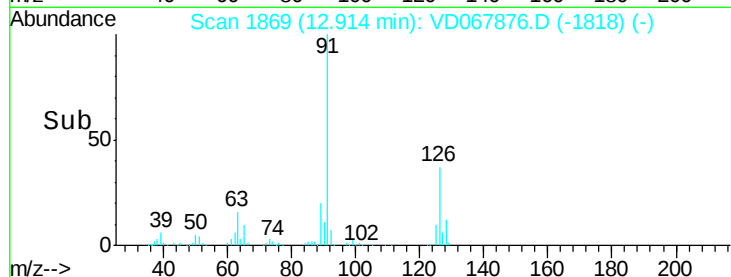
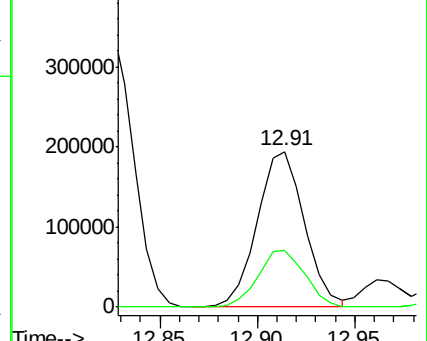
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Abundance Ion 91.00 (90.70 to 91.70): VD067830.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD067830.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.480 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD067876.D

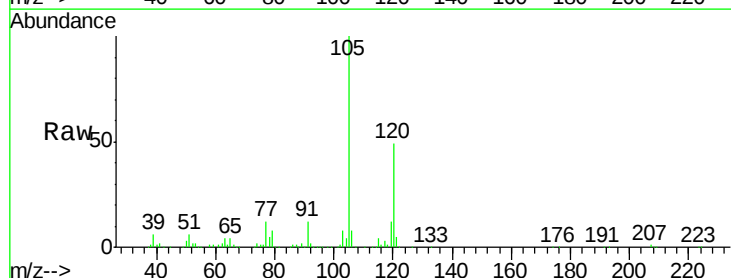
Acq: 04 Dec 2020 10:18

Tgt Ion: 105 Resp: 441358

Ion Ratio Lower Upper

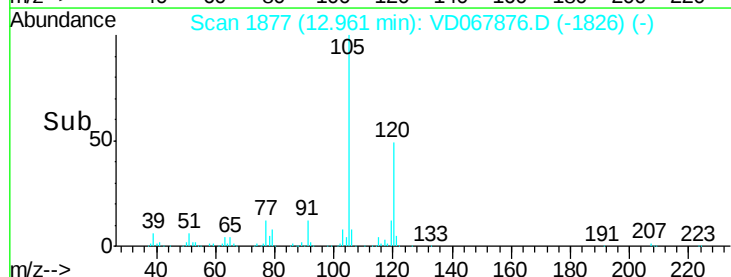
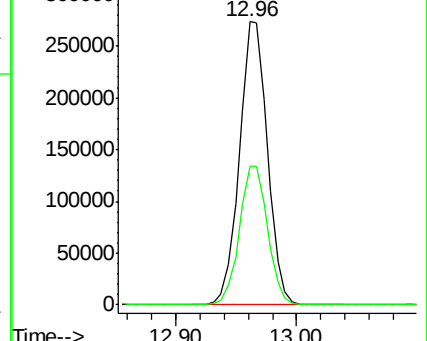
105 100

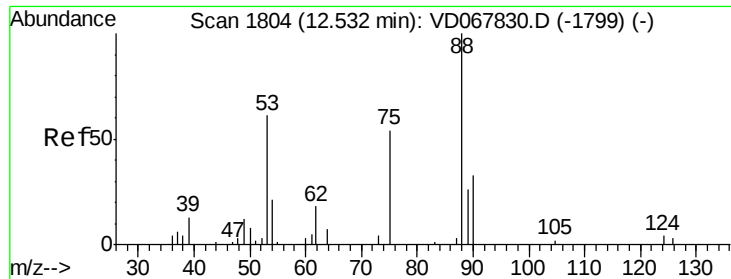
120 49.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VD067830.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD067830.D (-1867) (-)





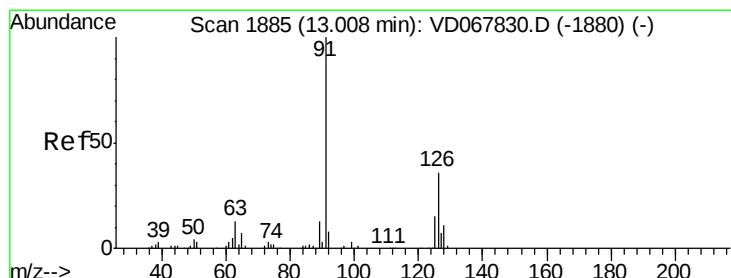
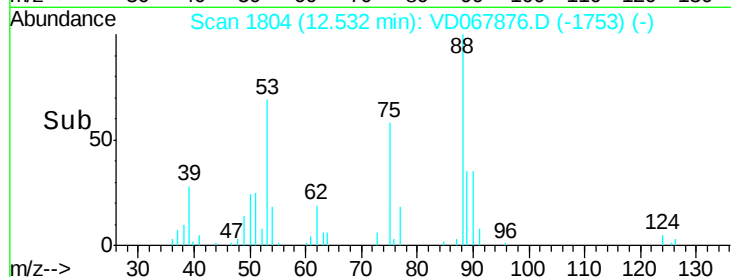
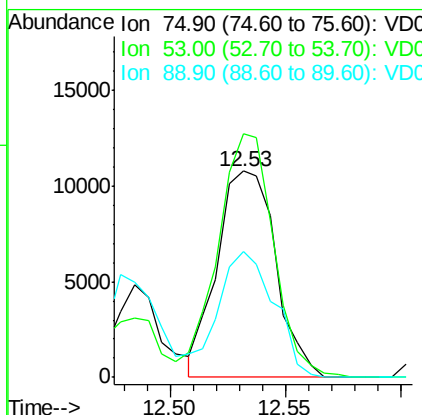
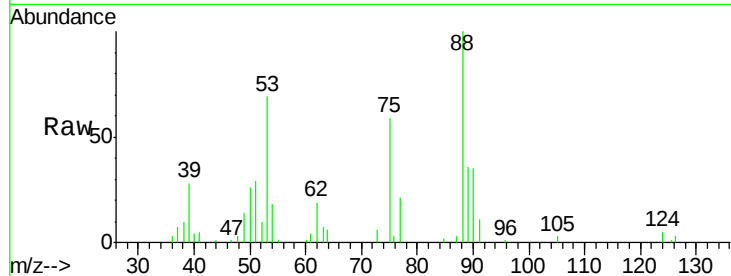
#81  
trans-1,4-Dichloro-2-butene  
Concen: 42.522 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 113.0 | 84.6  | 127.0 |
| 89      | 57.9  | 41.0  | 61.6  |

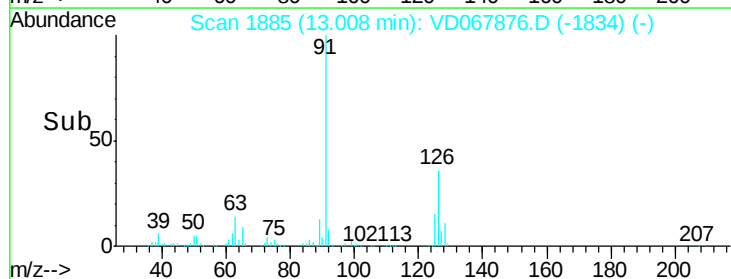
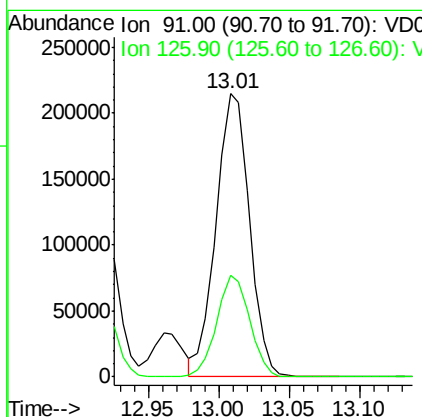
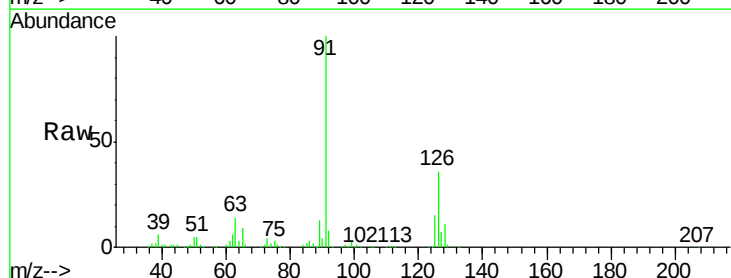
Manual Integrations  
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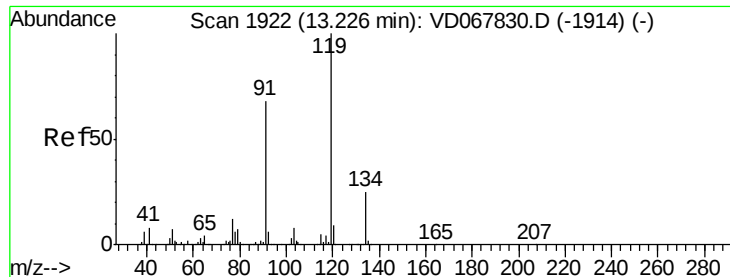
MMDadoda  
12/7/2020 11:30:43 AM



#82  
4-Chlorotoluene  
Concen: 50.489 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.3  | 18.1  | 54.4  |





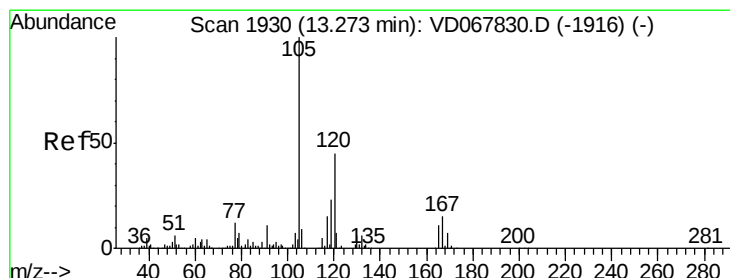
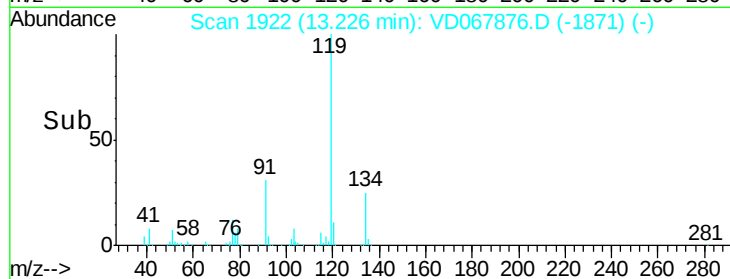
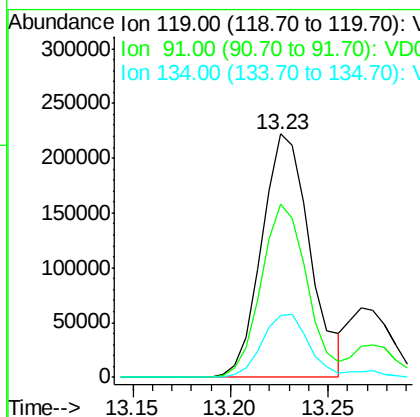
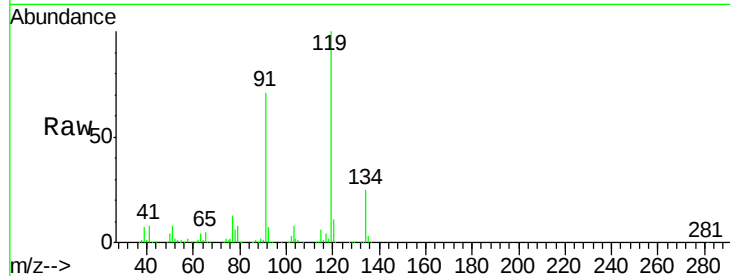
#83  
tert-Butylbenzene  
Concen: 51.238 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 67.6  | 33.1  | 99.3  |
| 134     | 25.3  | 13.6  | 40.8  |

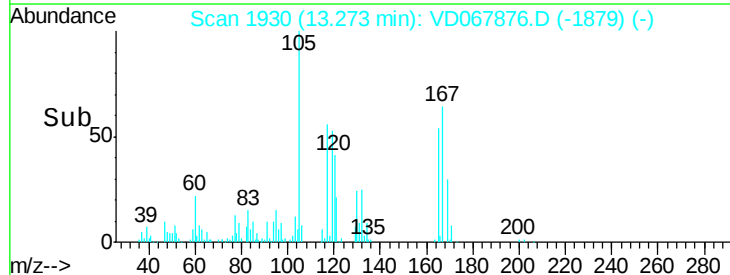
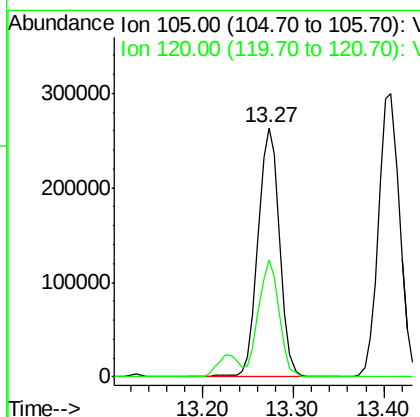
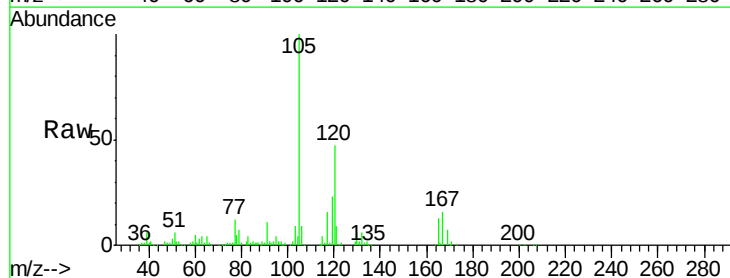
Manual Integrations  
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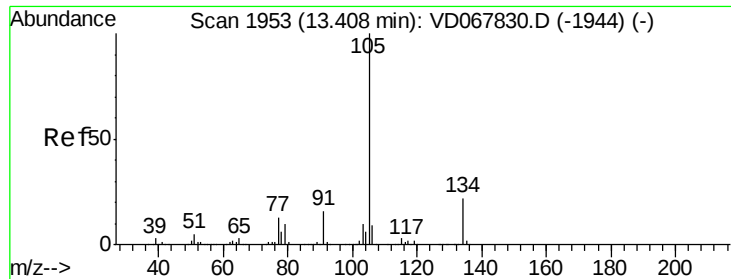
MMDadoda  
12/7/2020 11:30:43 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 49.770 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.2  | 22.1  | 66.5  |





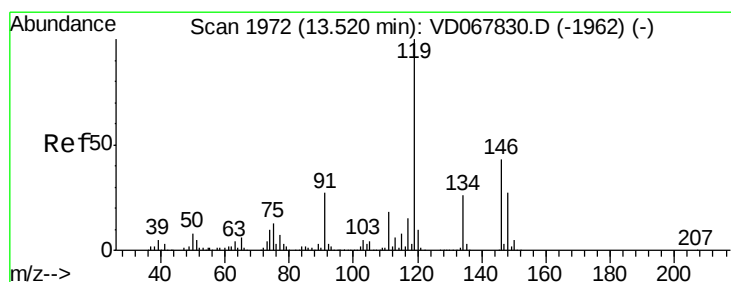
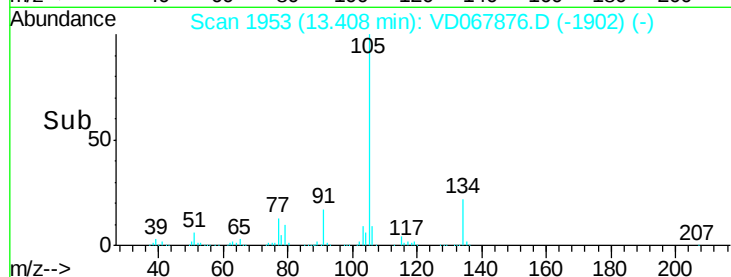
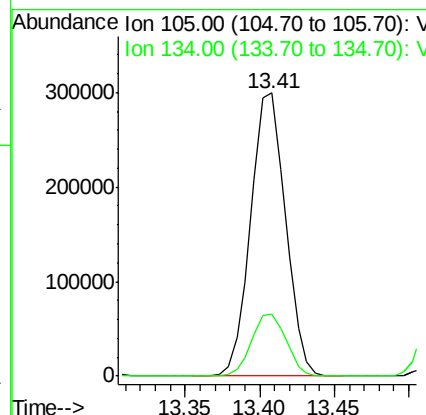
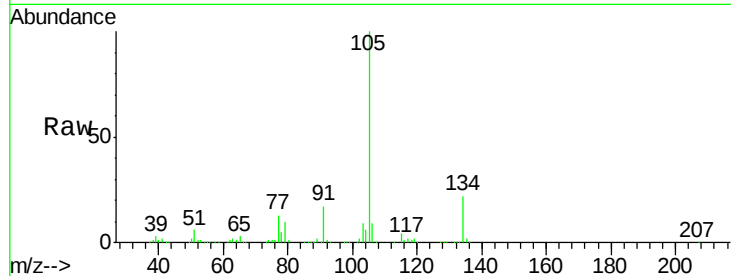
#85  
 sec-Butylbenzene  
 Concen: 48.654 ug/l  
 RT: 13.41 min Scan# 1953  
 Delta R.T. -0.00 min  
 Lab File: VD067876.D  
 Acq: 04 Dec 2020 10:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 22.0  | 10.9  | 32.9  |

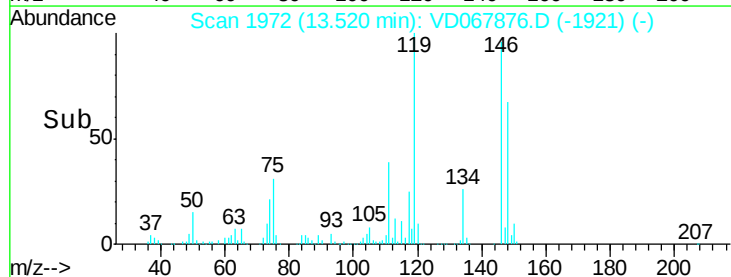
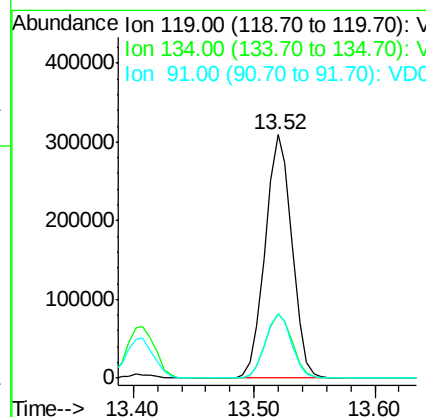
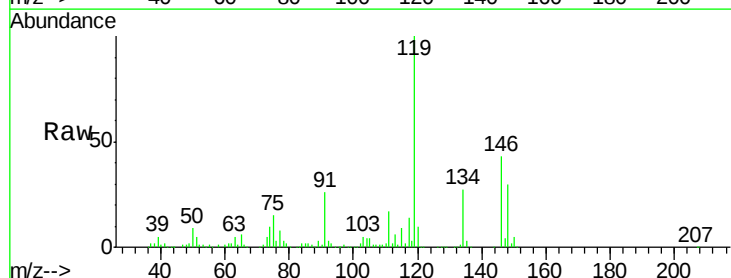
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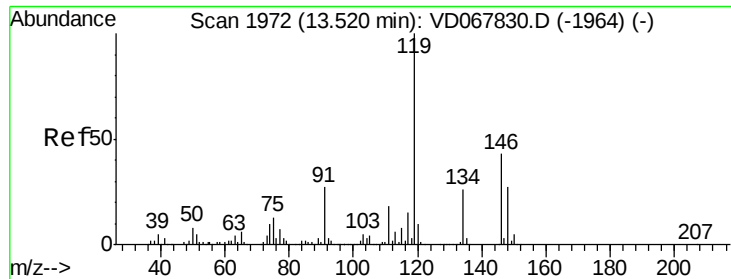
MMDadoda  
 12/7/2020 11:30:43 AM



#86  
 p-Isopropyltoluene  
 Concen: 48.710 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.00 min  
 Lab File: VD067876.D  
 Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.5  | 13.1  | 39.3  |
| 91      | 25.6  | 12.8  | 38.3  |





#87

1,3-Dichlorobenzene

Concen: 47.669 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

Instrument :

MSVOA\_D

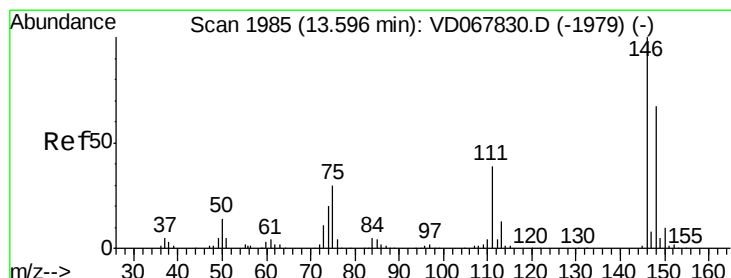
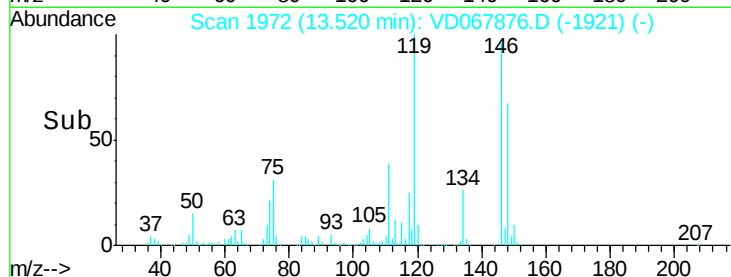
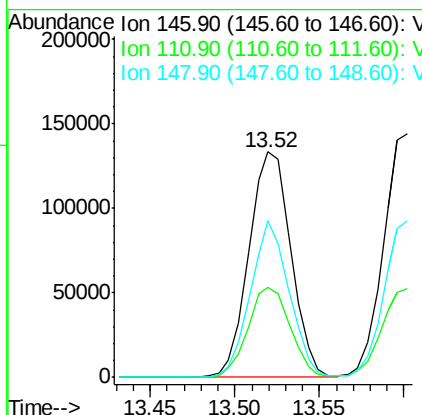
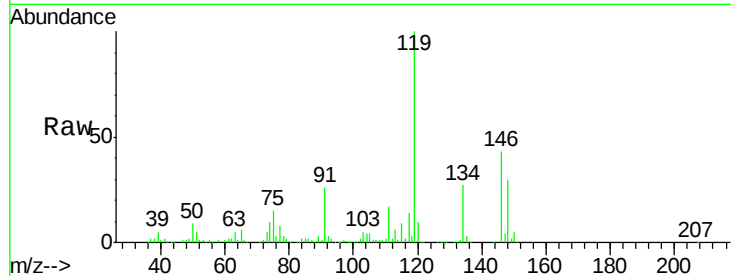
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 230852 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.2  | 20.8  | 62.2   |
| 148       | 63.9  | 32.9  | 98.6   |

Manual Integrations  
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#88

1,4-Dichlorobenzene

Concen: 48.253 ug/l

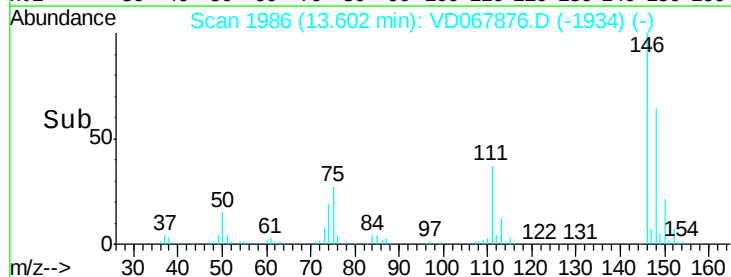
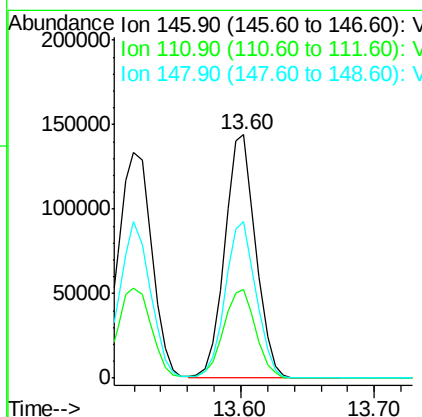
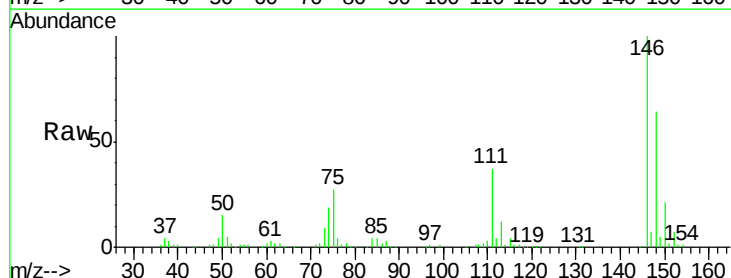
RT: 13.60 min Scan# 1986

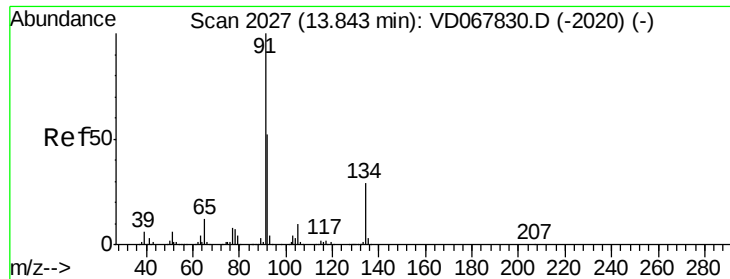
Delta R.T. 0.01 min

Lab File: VD067876.D

Acq: 04 Dec 2020 10:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 233782 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.2  | 19.9  | 59.6   |
| 148       | 64.4  | 32.4  | 97.2   |





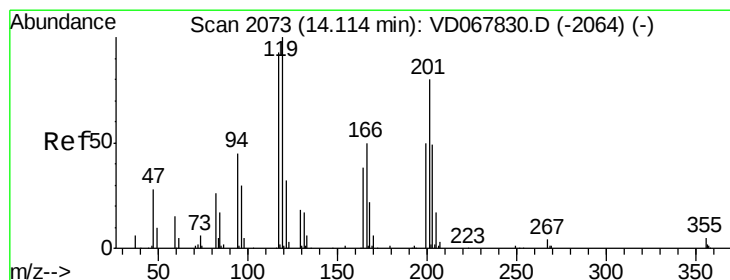
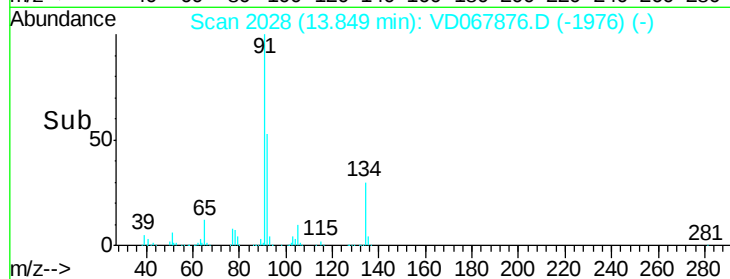
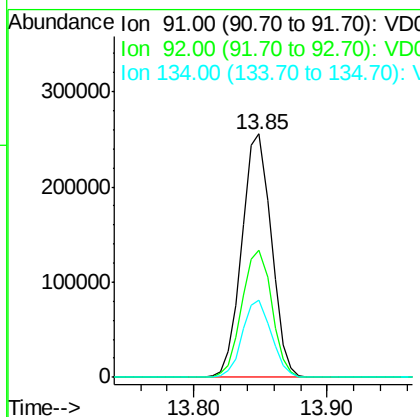
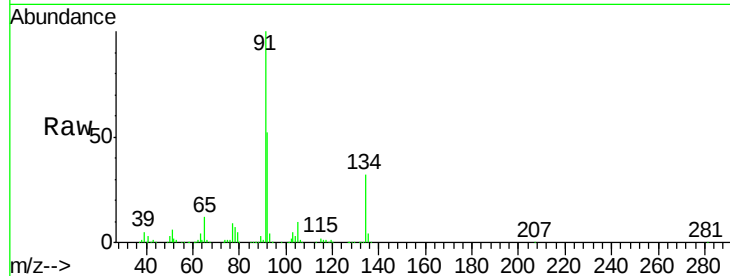
#89  
n-Butylbenzene  
Concen: 48.292 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.9  | 26.3  | 78.8  |
| 134     | 31.2  | 14.8  | 44.3  |

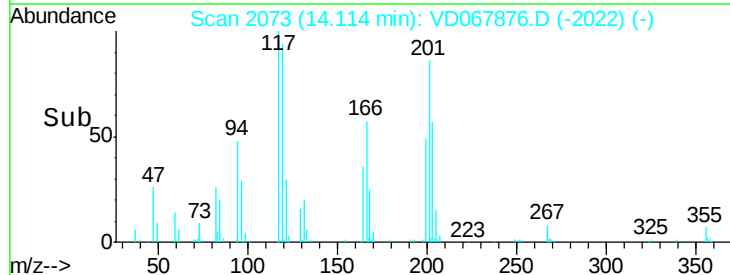
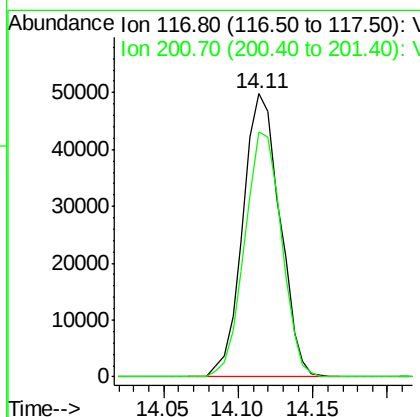
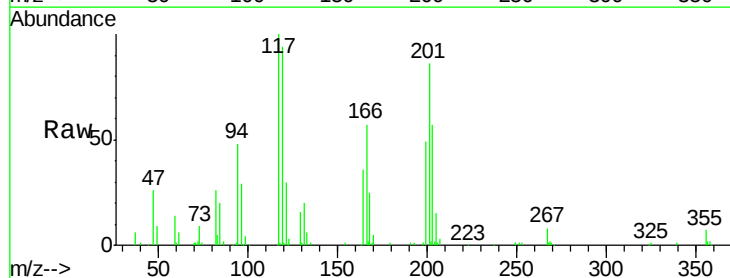
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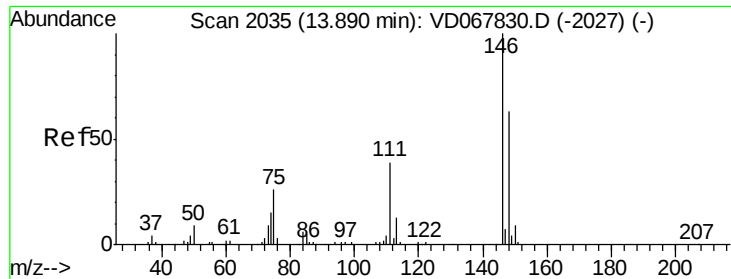
MMDadoda  
12/7/2020 11:30:43 AM



#90  
Hexachloroethane  
Concen: 47.697 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 85.7  | 43.9  | 131.6 |





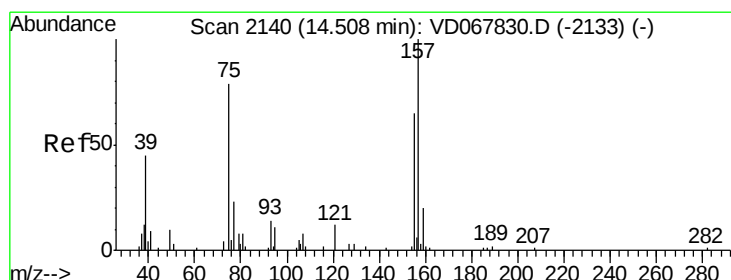
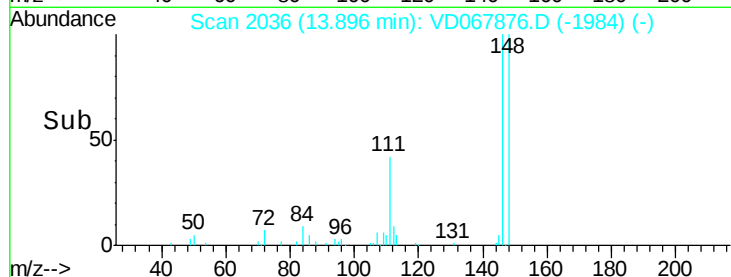
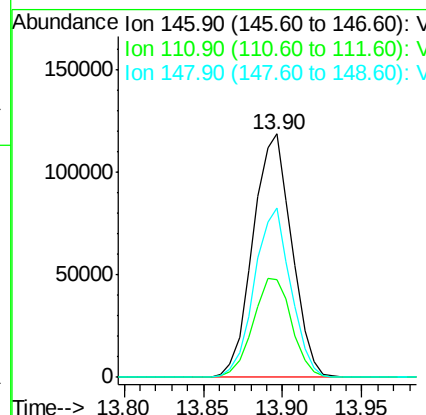
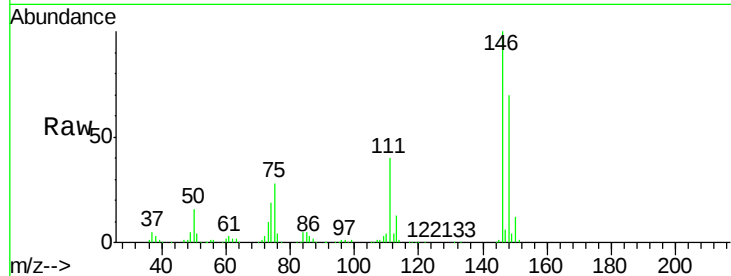
#91  
 1,2-Dichlorobenzene  
 Concen: 48.011 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. 0.01 min  
 Lab File: VD067876.D  
 Acq: 04 Dec 2020 10:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 20.4  | 61.2  |
| 148     | 65.5  | 32.1  | 96.3  |

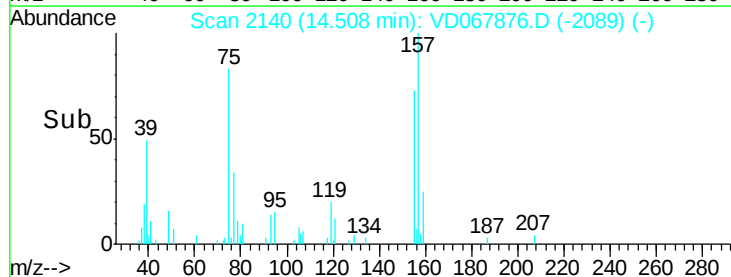
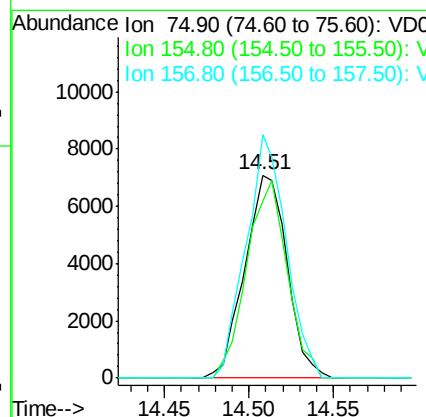
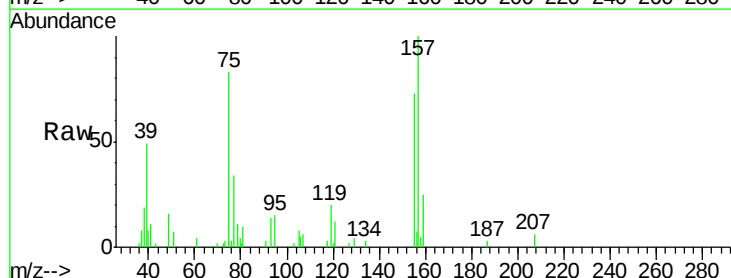
Manual Integrations  
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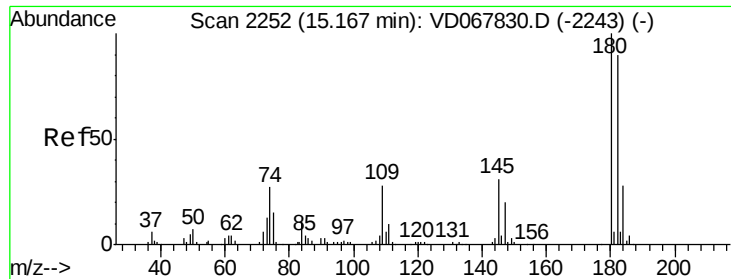
MMDadoda  
 12/7/2020 11:30:43 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 44.353 ug/l  
 RT: 14.51 min Scan# 2140  
 Delta R.T. -0.00 min  
 Lab File: VD067876.D  
 Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 93.1  | 44.1  | 132.4 |
| 157     | 114.6 | 62.4  | 187.2 |





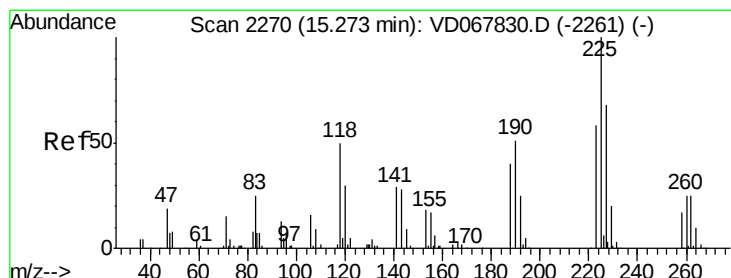
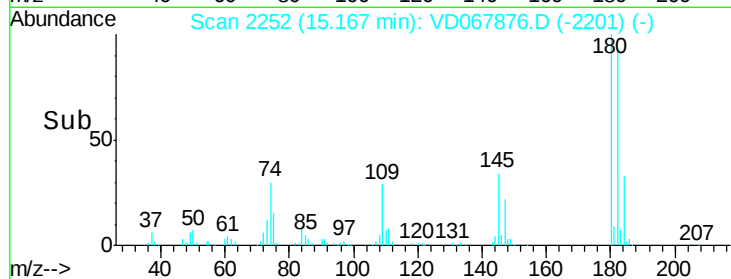
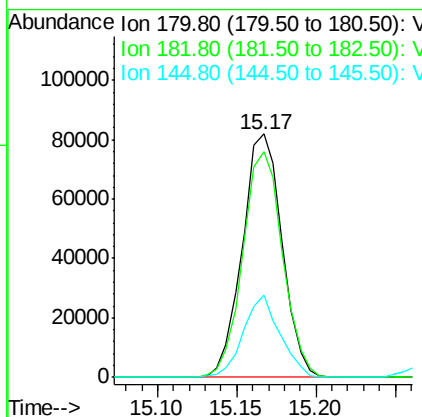
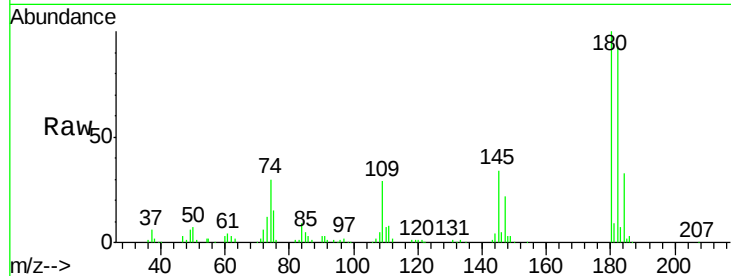
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.509 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.00 min  
 Lab File: VD067876.D  
 Acq: 04 Dec 2020 10:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.2  | 47.5  | 142.6 |
| 145     | 31.0  | 16.4  | 49.4  |

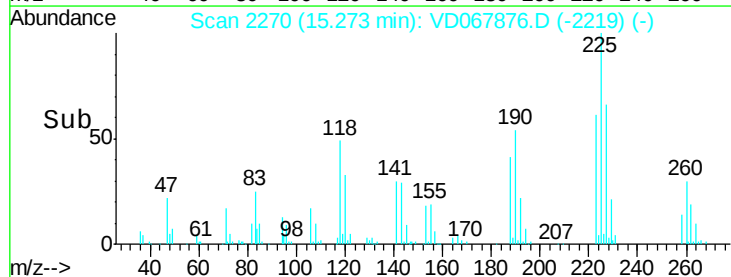
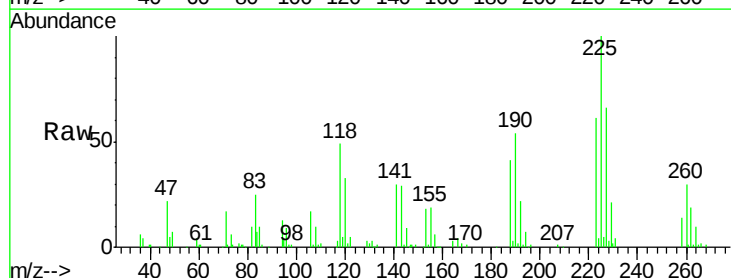
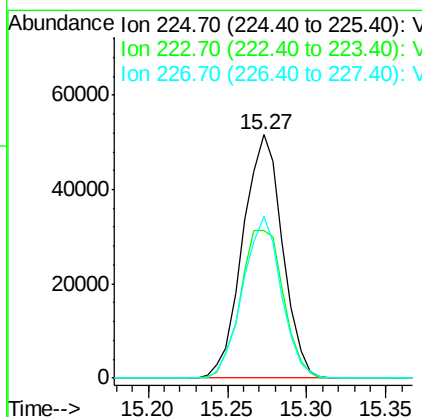
Manual Integrations  
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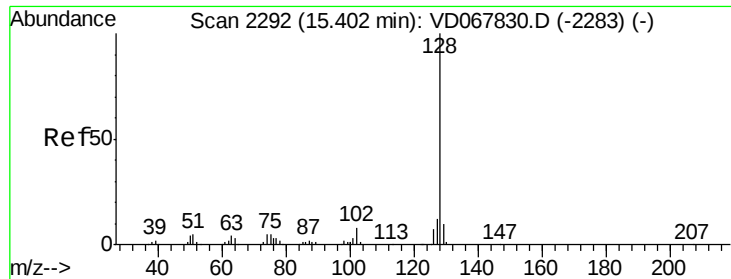
MMDadoda  
 12/7/2020 11:30:43 AM



#94  
 Hexachlorobutadiene  
 Concen: 46.820 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. -0.00 min  
 Lab File: VD067876.D  
 Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.0  | 31.1  | 93.3  |
| 227     | 64.4  | 33.1  | 99.3  |





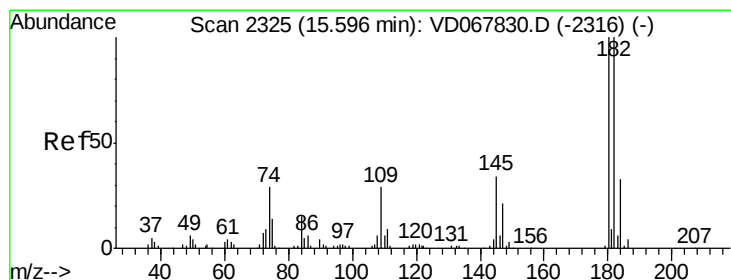
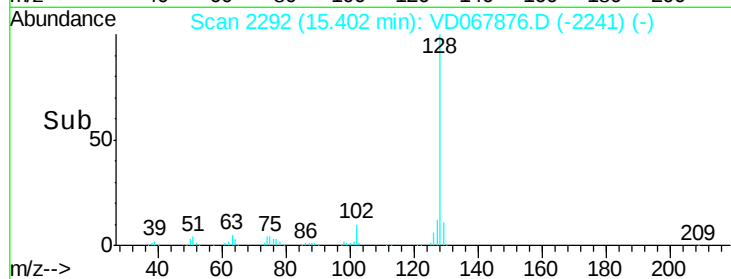
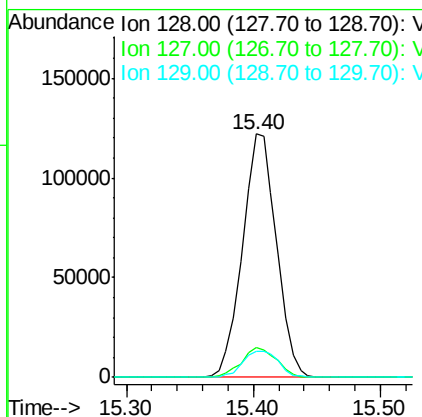
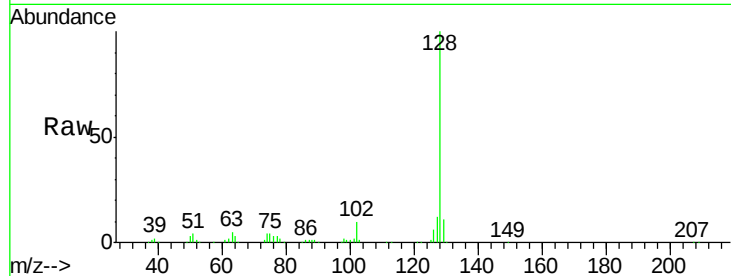
#95  
Naphthalene  
Concen: 47.465 ug/l  
RT: 15.40 min Scan# 2292  
Delta R.T. -0.00 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.6  | 10.6  | 15.8  |
| 129     | 11.3  | 9.0   | 13.6  |

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12/7/2020 11:30:43 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 48.542 ug/l  
RT: 15.60 min Scan# 2326  
Delta R.T. 0.01 min  
Lab File: VD067876.D  
Acq: 04 Dec 2020 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 47.3  | 142.0 |
| 145     | 32.8  | 16.8  | 50.4  |

