

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\  
 Data File : VD067825.D  
 Acq On : 30 Nov 2020 20:10  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Dec 01 00:19:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D112320S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 24 00:51:35 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 210040   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 315799   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 279042   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 148883   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds |        | R.T.  | QIon     | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   |        | 8.33  | 65       | 116077   | 56.84 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 113.68% |          |
| 35) Dibromofluoromethane    |        | 7.91  | 113      | 103033   | 51.27 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 102.54% |          |
| 50) Toluene-d8              |        | 10.34 | 98       | 377865   | 51.43 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 102.86% |          |
| 62) 4-Bromofluorobenzene    |        | 12.64 | 95       | 126613   | 50.41 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 100.82% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85   | 90635    | 49.586  | ug/l   | 98     |
| 3) Chloromethane              | 2.20 | 50   | 49179    | 48.329  | ug/l   | 100    |
| 4) Vinyl Chloride             | 2.35 | 62   | 60393    | 47.363  | ug/l   | 97     |
| 5) Bromomethane               | 2.77 | 94   | 53983    | 49.690  | ug/l   | 84     |
| 6) Chloroethane               | 2.92 | 64   | 40318    | 47.442  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.27 | 101  | 199616   | 51.301  | ug/l   | 97     |
| 8) Diethyl Ether              | 3.71 | 74   | 38705    | 49.268  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101  | 89752    | 48.169  | ug/l   | 100    |
| 10) Methyl Iodide             | 4.30 | 142  | 91869    | 48.170  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 5.23 | 59   | 29785    | 283.071 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 4.07 | 96   | 81394    | 47.209  | ug/l   | 98     |
| 13) Acrolein                  | 3.91 | 56   | 17980    | 212.405 | ug/l   | 93     |
| 14) Allyl chloride            | 4.71 | 41   | 79789    | 47.874  | ug/l   | 94     |
| 15) Acrylonitrile             | 5.42 | 53   | 71131    | 259.961 | ug/l   | 97     |
| 16) Acetone                   | 4.16 | 43   | 65174    | 247.028 | ug/l # | 88     |
| 17) Carbon Disulfide          | 4.40 | 76   | 234363   | 46.998  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.73 | 43   | 26633    | 50.176  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73   | 201831   | 54.774  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.96 | 84   | 96853    | 48.251  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96   | 100258   | 51.148  | ug/l   | 94     |
| 22) Diisopropyl ether         | 6.36 | 45   | 163494   | 49.696  | ug/l   | 92     |
| 23) Vinyl Acetate             | 6.31 | 43   | 497789   | 268.237 | ug/l   | 96     |
| 24) 1,1-Dichloroethane        | 6.26 | 63   | 143085   | 51.299  | ug/l   | 99     |
| 25) 2-Butanone                | 7.21 | 43   | 75071    | 253.568 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 7.21 | 77   | 159645   | 48.517  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96   | 107147   | 51.283  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.55 | 49   | 47887    | 53.598  | ug/l   | 96     |
| 29) Tetrahydrofuran           | 7.57 | 42   | 43262    | 257.011 | ug/l   | 92     |
| 30) Chloroform                | 7.71 | 83   | 188084   | 51.567  | ug/l   | 97     |
| 31) Cyclohexane               | 7.99 | 56   | 103111   | 41.727  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97   | 197727   | 51.188  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75   | 127175   | 46.930  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.29 | 43   | 35534    | 48.765  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 8.10 | 117  | 191690   | 48.799  | ug/l   | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Dec 01 00:19:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D112320S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 24 00:51:35 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 156604   | 48.832   | ug/l   | 99       |
| 40) Benzene                    | 8.36  | 78   | 367216   | 49.339   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.56  | 41   | 50726    | 136.328  | ug/l # | 29       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 135847   | 53.794   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 74539    | 51.223   | ug/l   | 97       |
| 44) Trichloroethene            | 9.11  | 130  | 124362   | 50.416   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 75040    | 49.137   | ug/l   | 91       |
| 46) Dibromomethane             | 9.48  | 93   | 54231    | 52.160   | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.66  | 83   | 152825   | 52.785   | ug/l   | 92       |
| 48) Methyl methacrylate        | 9.46  | 41   | 35994    | 49.476   | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 12646    | 1122.335 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 183013   | 267.274  | ug/l   | 99       |
| 52) Toluene                    | 10.41 | 92   | 259301   | 51.357   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 128333   | 50.735   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.10 | 75   | 142247   | 49.691   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 70533    | 50.560   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 78410    | 54.289   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 109661   | 49.856   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 199028   | 294.921  | ug/l   | 96       |
| 59) 2-Hexanone                 | 10.99 | 43   | 120811   | 249.895  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 105379   | 49.571   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 68961    | 50.170   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 110206   | 50.886   | ug/l   | 92       |
| 65) Chlorobenzene              | 11.67 | 112  | 281874   | 51.396   | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 115944   | 52.263   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.75 | 91   | 487689   | 51.509   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 376263   | 102.122  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 175994   | 52.463   | ug/l   | 99       |
| 70) Styrene                    | 12.20 | 104  | 299698   | 52.450   | ug/l   | 100      |
| 71) Bromoform                  | 12.36 | 173  | 62772    | 52.123   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 484838   | 49.494   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 63578    | 49.216   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 65939    | 50.157   | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 96516    | 93.015   | ug/l # | 100      |
| 77) Bromobenzene               | 12.76 | 156  | 125388   | 51.134   | ug/l   | 97       |
| 78) n-propylbenzene            | 12.83 | 91   | 553550   | 50.792   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 318421   | 49.348   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 434550   | 51.003   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 22578    | 50.892   | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 344119   | 50.051   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 360488   | 49.238   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 435192   | 51.132   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 470139   | 48.880   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 464728   | 49.885   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 236287   | 49.789   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 235974   | 50.195   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.84 | 91   | 393970   | 49.349   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 88413    | 49.854   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 202609   | 49.559   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 13966    | 49.274   | ug/l   | 90       |

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Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 24 Sample Multiplier: 1

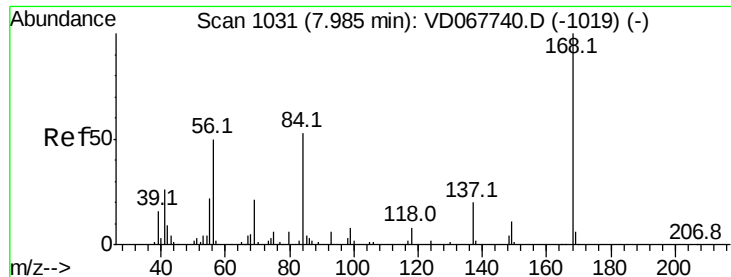
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Dec 01 00:19:06 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D112320S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 24 00:51:35 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 154793   | 53.475 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 94260    | 50.965 | ug/l  | 98       |
| 95) Naphthalene            | 15.40 | 128  | 258346   | 55.146 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 131835   | 53.468 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

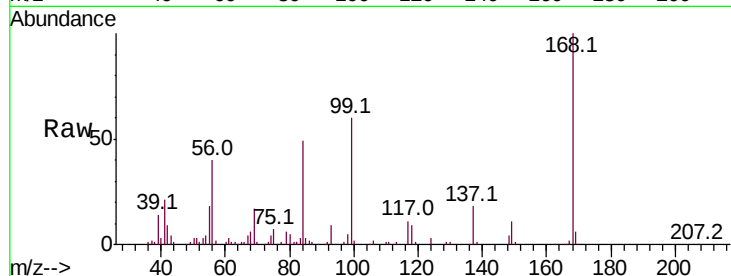
VSTDCCC050EC

Tot Ion:168 Resp: 210040

Ion Ratio Lower Upper

168 100

99 59.5 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

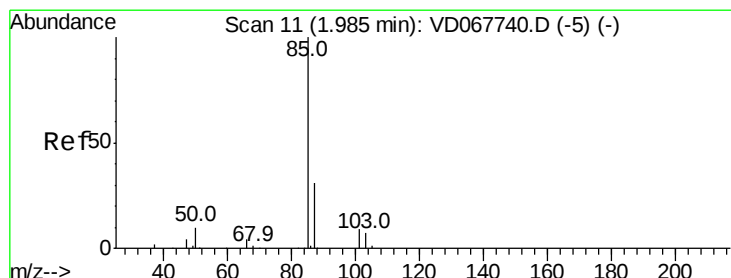
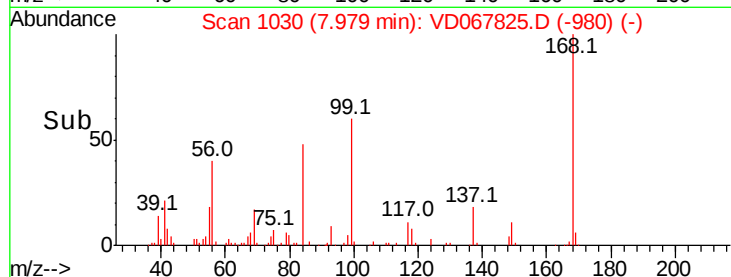
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.586 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067825.D

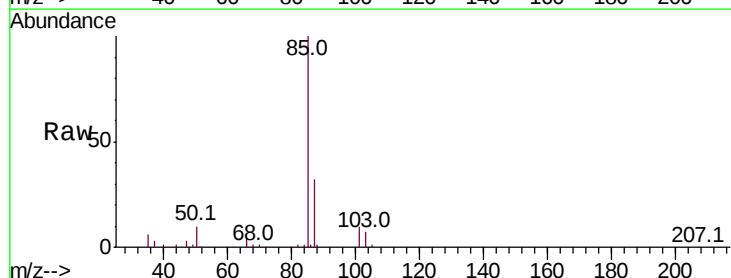
Acq: 30 Nov 2020 20:10

Tgt Ion: 85 Resp: 90635

Ion Ratio Lower Upper

85 100

87 32.3 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

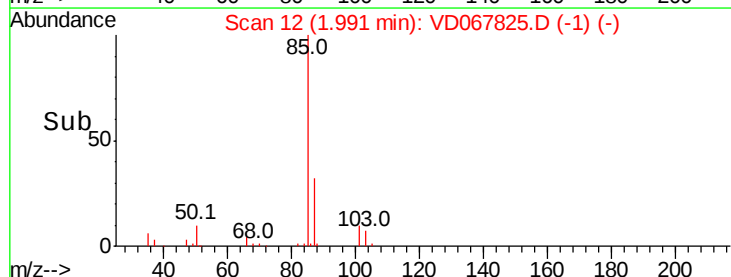
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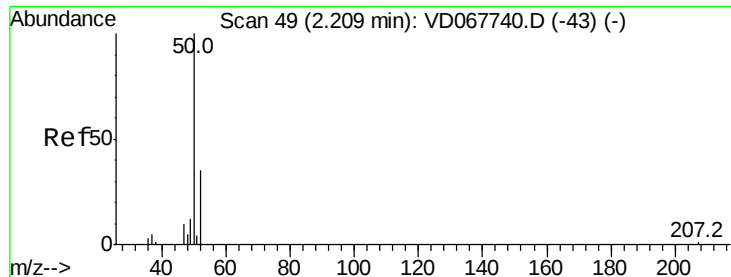
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 48.329 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

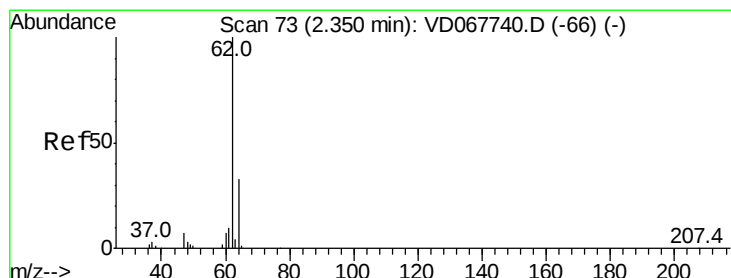
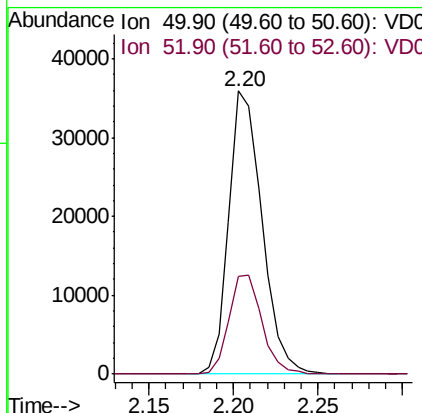
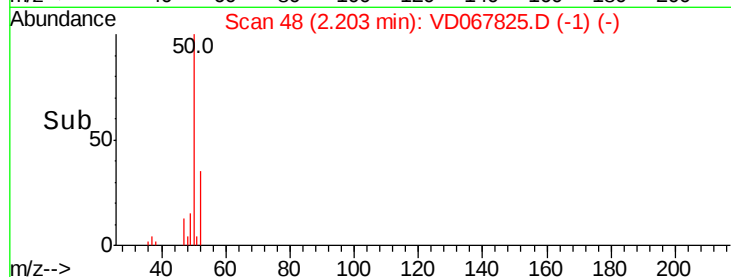
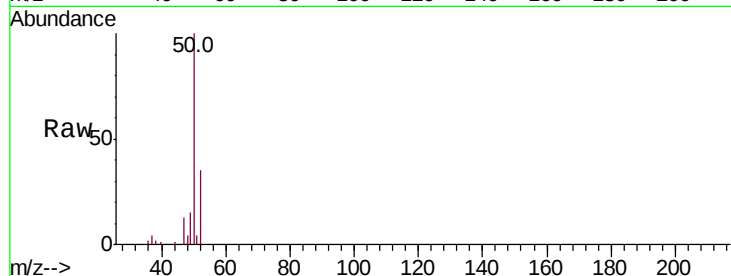
VSTDCCC050EC

Tot Ion: 50 Resp: 49179

Ion Ratio Lower Upper

50 100

52 34.6 27.8 41.8



#4

Vinyl Chloride

Concen: 47.363 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067825.D

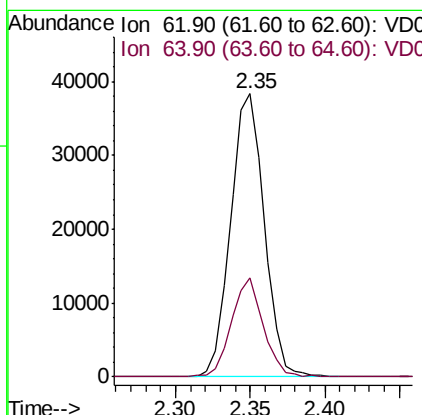
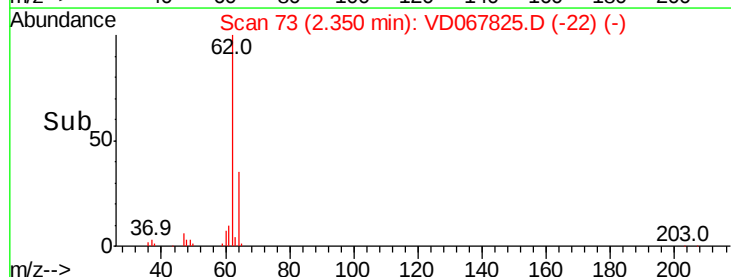
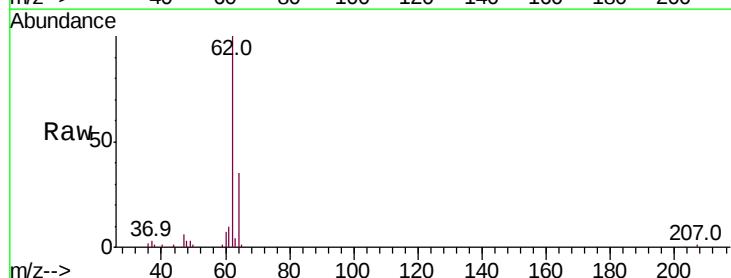
Acq: 30 Nov 2020 20:10

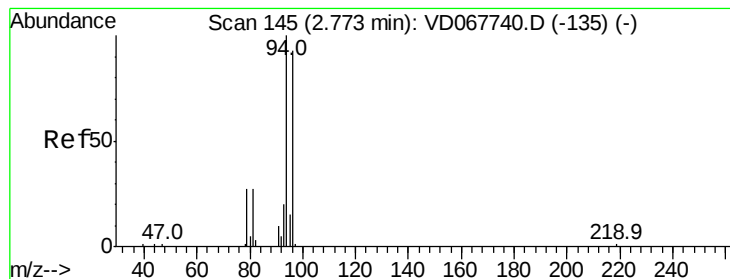
Tgt Ion: 62 Resp: 60393

Ion Ratio Lower Upper

62 100

64 35.0 26.6 40.0





#5

Bromomethane

Concen: 49.690 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

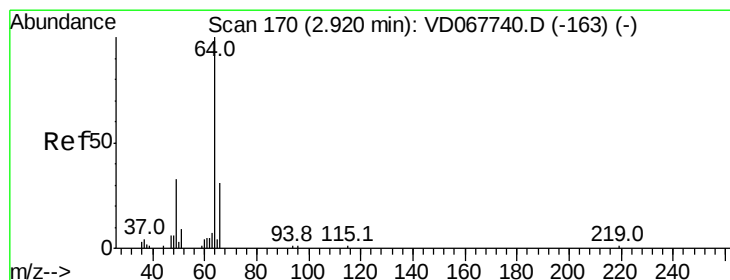
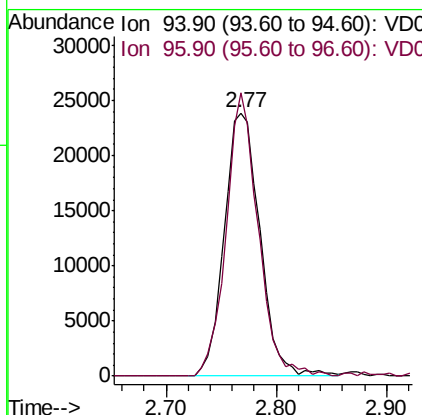
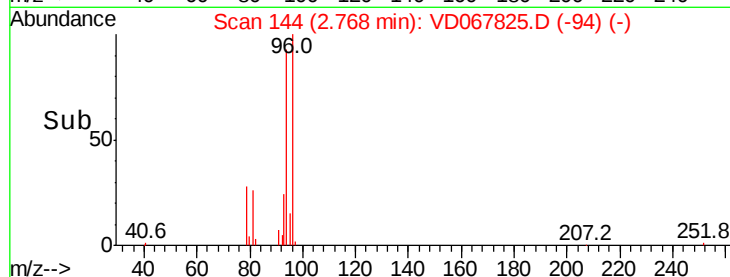
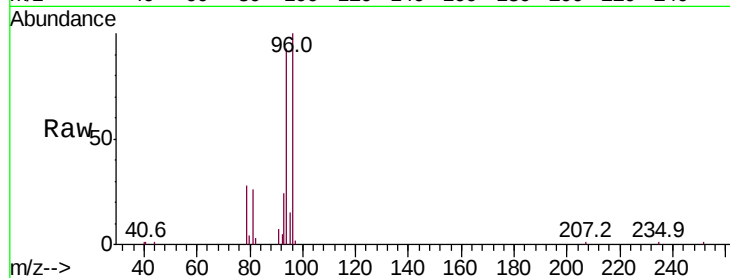
VSTDCCC050EC

Tot Ion: 94 Resp: 53983

Ion Ratio Lower Upper

94 100

96 107.4 74.0 111.0



#6

Chloroethane

Concen: 47.442 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067825.D

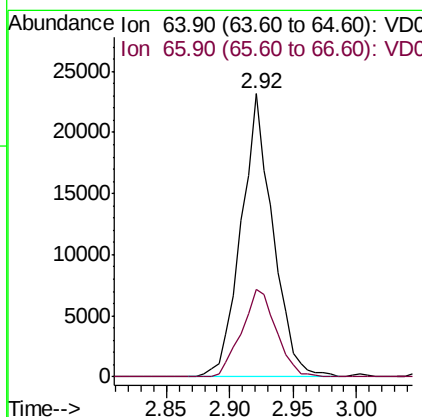
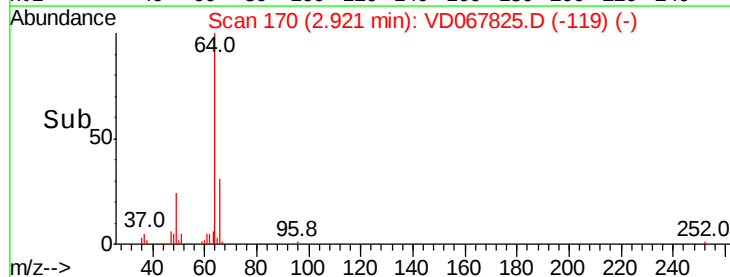
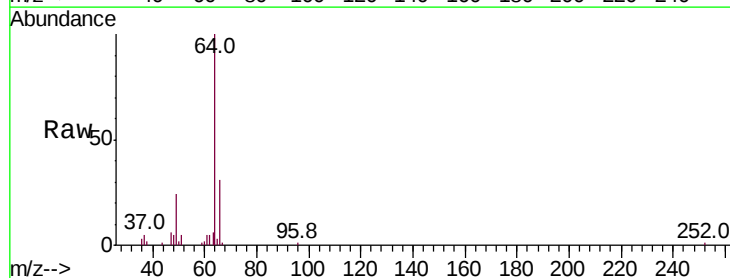
Acq: 30 Nov 2020 20:10

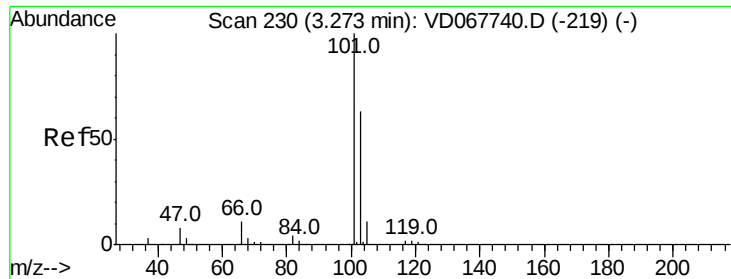
Tgt Ion: 64 Resp: 40318

Ion Ratio Lower Upper

64 100

66 30.9 25.1 37.7



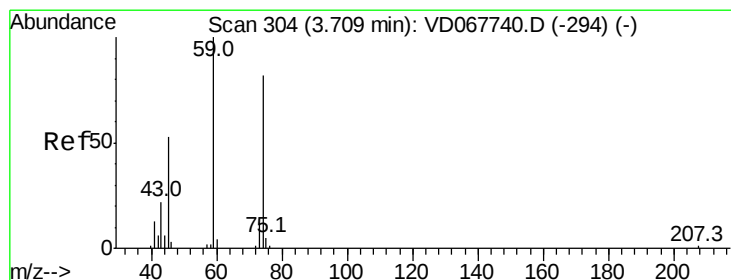
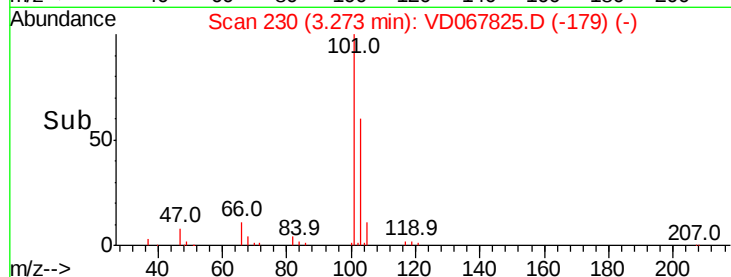
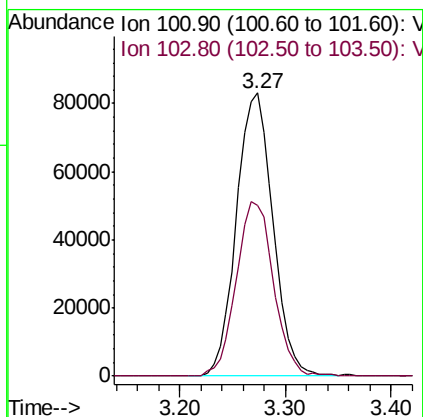
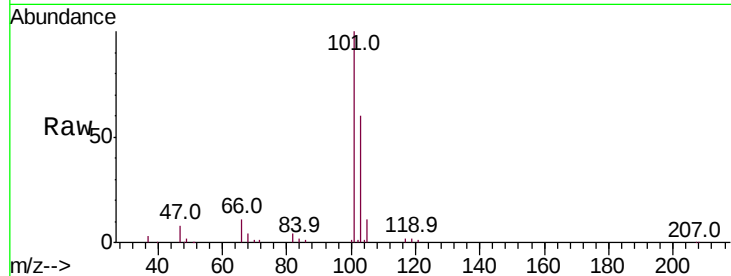


#7

Trichlorofluoromethane  
 Concen: 51.301 ug/l  
 RT: 3.27 min Scan# 230  
 Delta R.T. 0.00 min  
 Lab File: VD067825.D  
 Acq: 30 Nov 2020 20:10

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

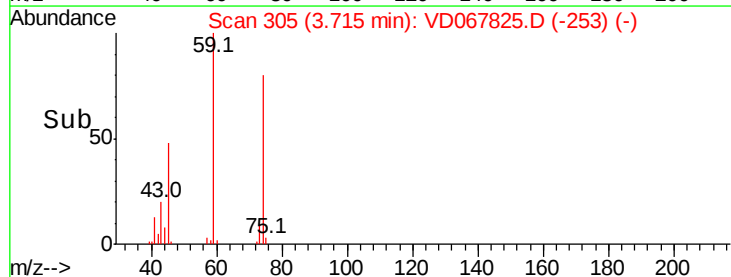
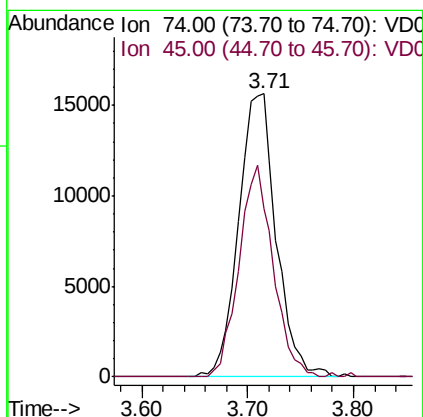
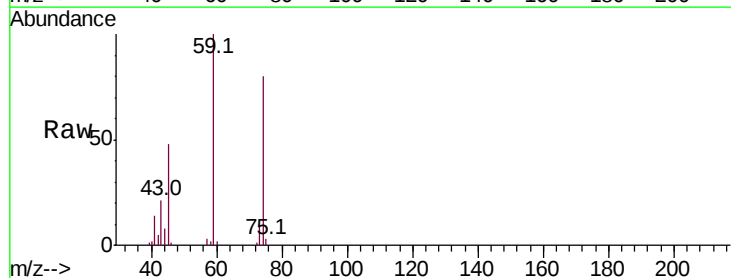
Tot Ion:101 Resp: 199616  
 Ion Ratio Lower Upper  
 101 100  
 103 60.3 50.3 75.5

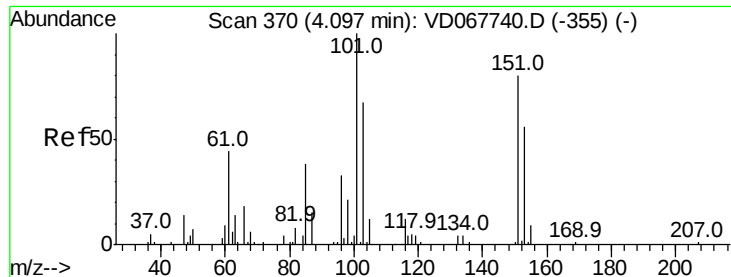


#8

Diethyl Ether  
 Concen: 49.268 ug/l  
 RT: 3.71 min Scan# 305  
 Delta R.T. 0.01 min  
 Lab File: VD067825.D  
 Acq: 30 Nov 2020 20:10

Tgt Ion: 74 Resp: 38705  
 Ion Ratio Lower Upper  
 74 100  
 45 67.4 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.169 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

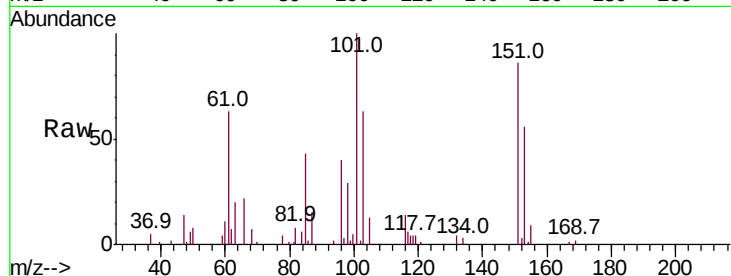
Tot Ion:101 Resp: 89752

Ion Ratio Lower Upper

101 100

85 44.5 35.5 53.3

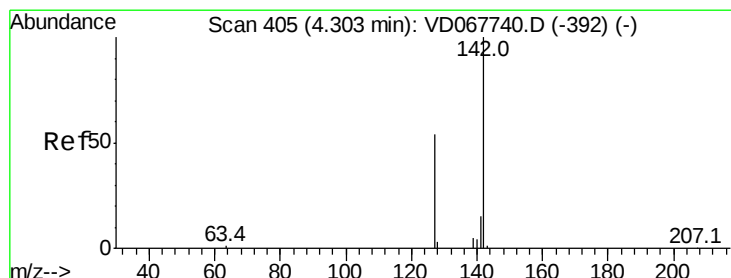
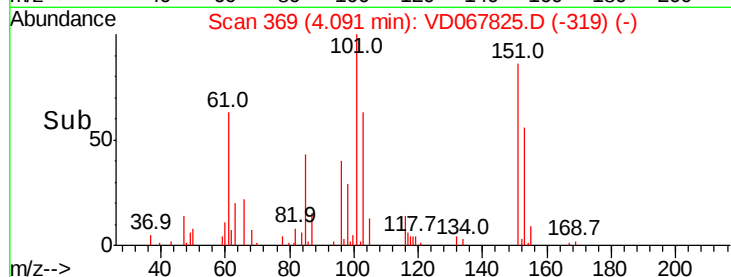
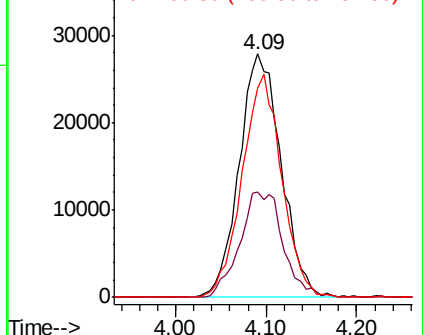
151 86.6 69.4 104.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.170 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

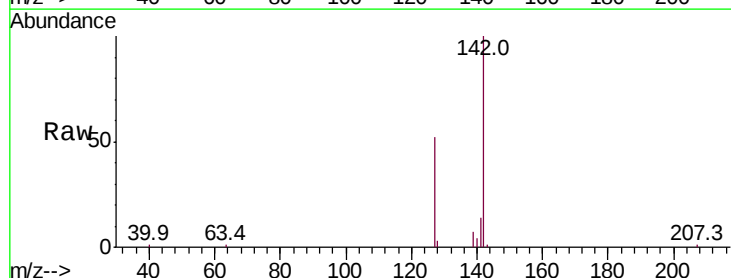
Tgt Ion:142 Resp: 91869

Ion Ratio Lower Upper

142 100

127 53.0 42.2 63.2

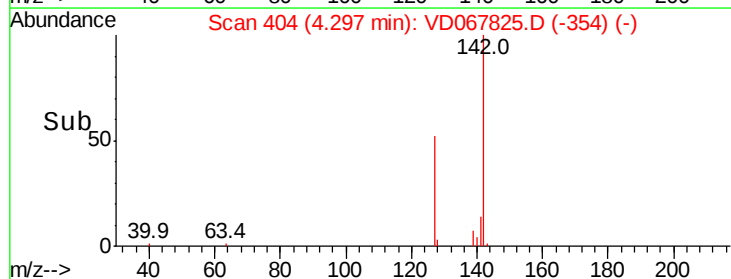
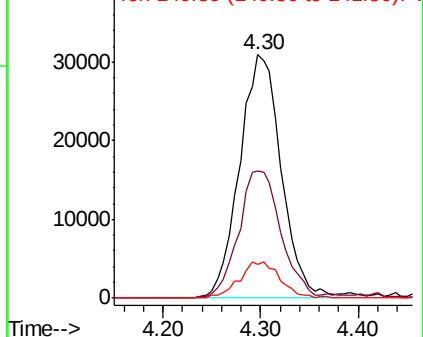
141 14.7 11.8 17.6

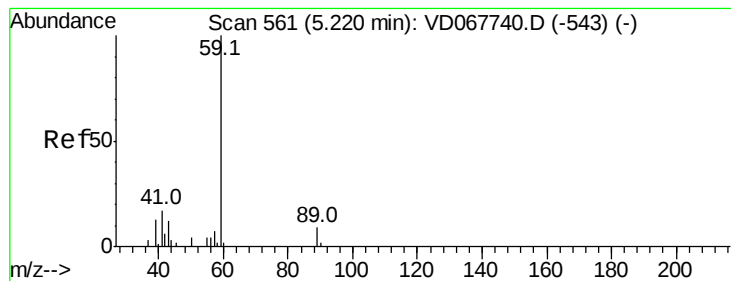


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



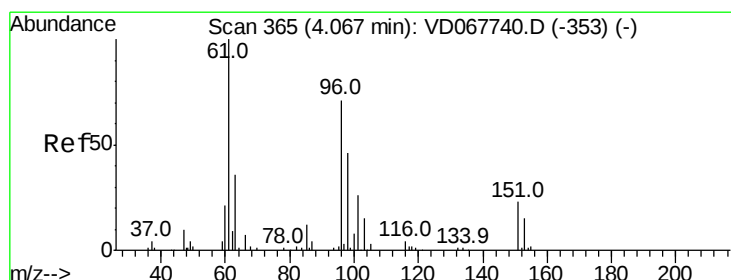
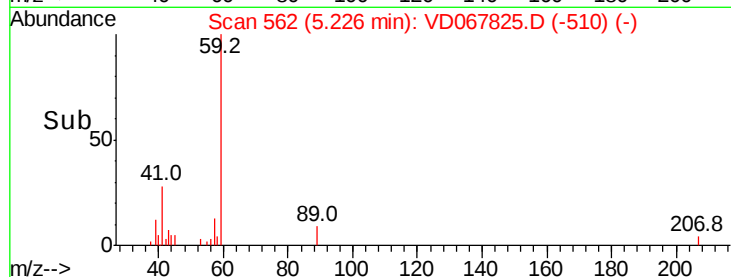
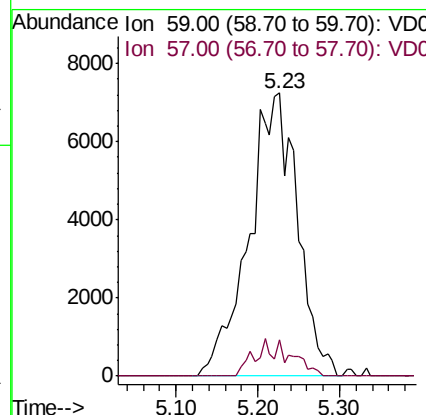
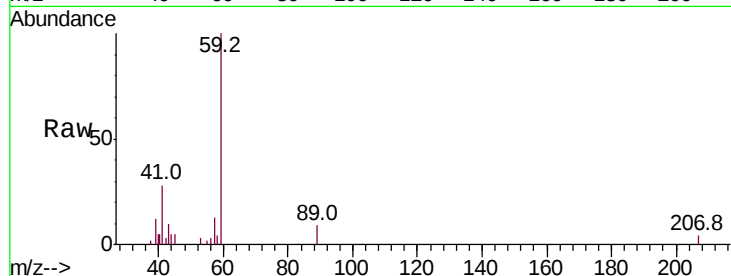


#11

Tert butyl alcohol  
Concen: 283.071 ug/l  
RT: 5.23 min Scan# 562  
Delta R.T. 0.01 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

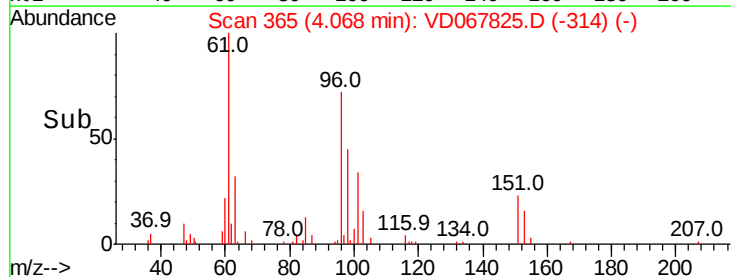
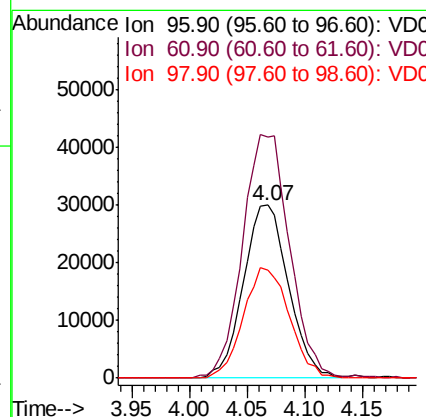
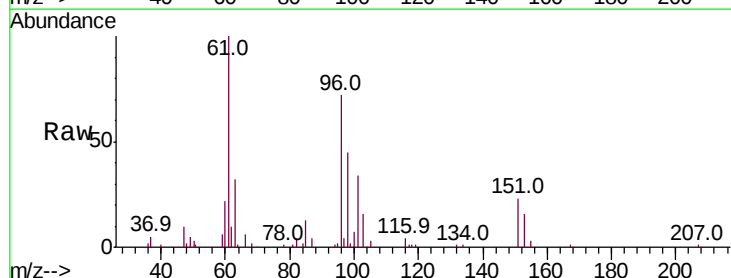
Tot Ion: 59 Resp: 29785  
Ion Ratio Lower Upper  
59 100  
57 4.9 3.4 5.0

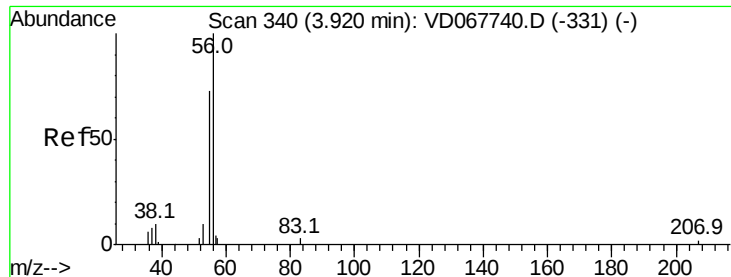


#12

1,1-Dichloroethene  
Concen: 47.209 ug/l  
RT: 4.07 min Scan# 365  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Tgt Ion: 96 Resp: 81394  
Ion Ratio Lower Upper  
96 100  
61 139.2 112.9 169.3  
98 62.4 52.4 78.6





#13

Acrolein

Concen: 212.405 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

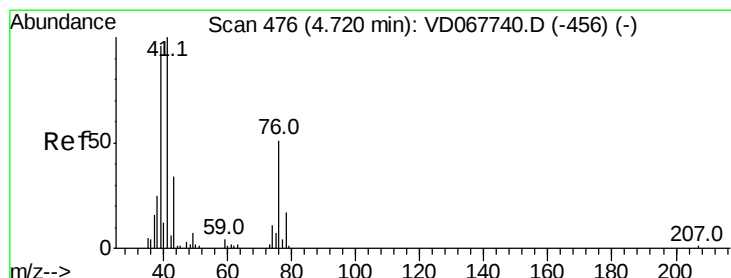
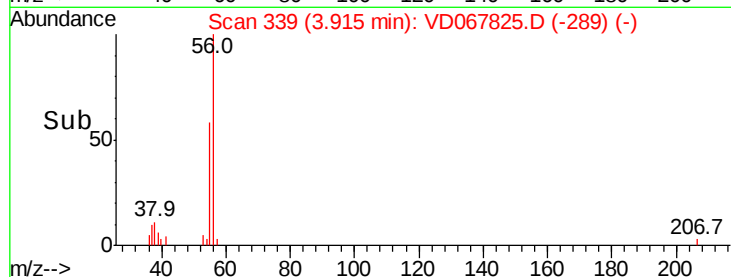
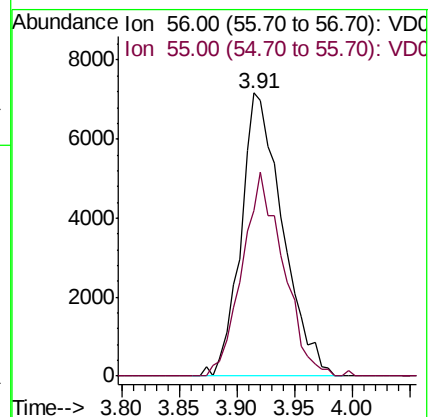
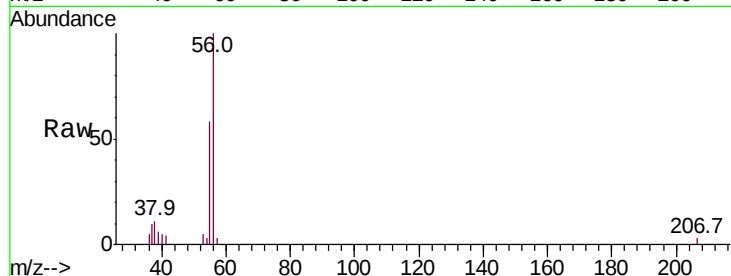
VSTDCCC050EC

Tot Ion: 56 Resp: 17980

Ion Ratio Lower Upper

56 100

55 70.8 61.2 91.8



#14

Allyl chloride

Concen: 47.874 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

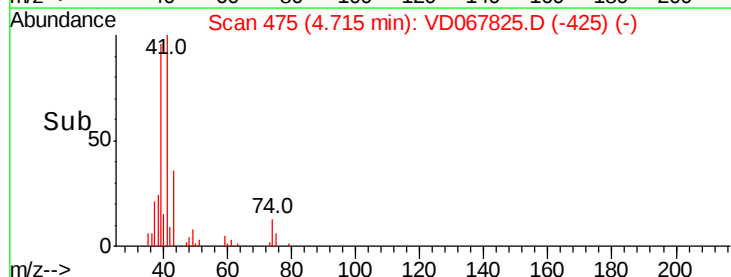
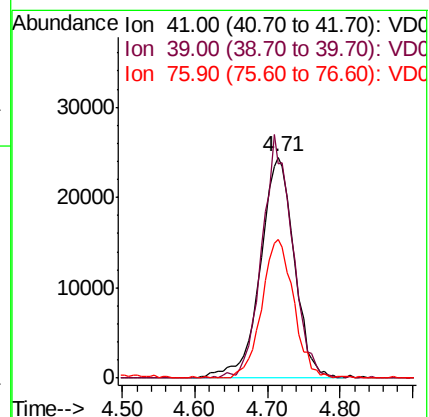
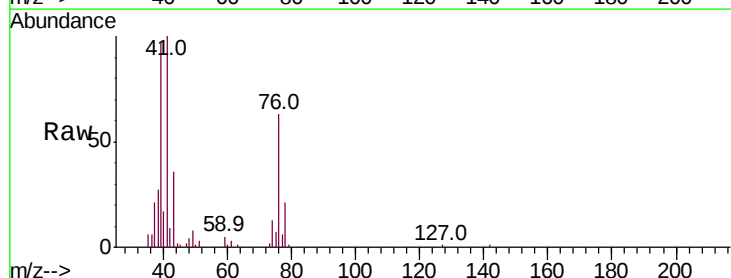
Tgt Ion: 41 Resp: 79789

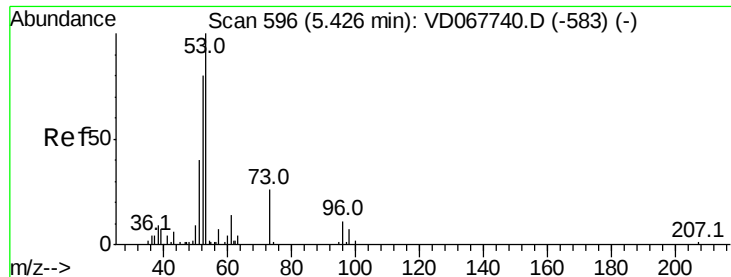
Ion Ratio Lower Upper

41 100

39 98.9 74.6 111.8

76 59.1 43.3 64.9





#15

Acrylonitrile

Concen: 259.961 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

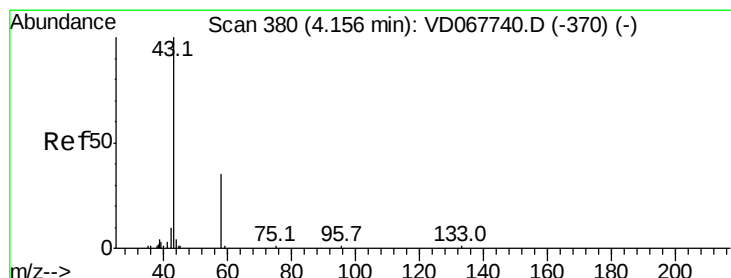
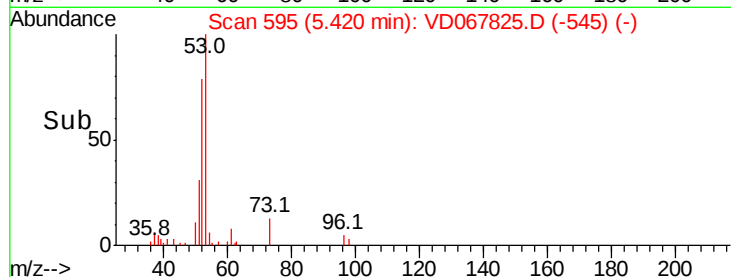
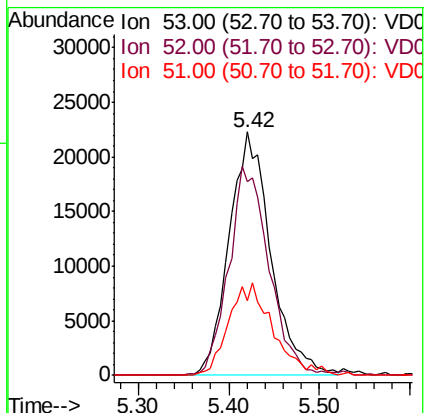
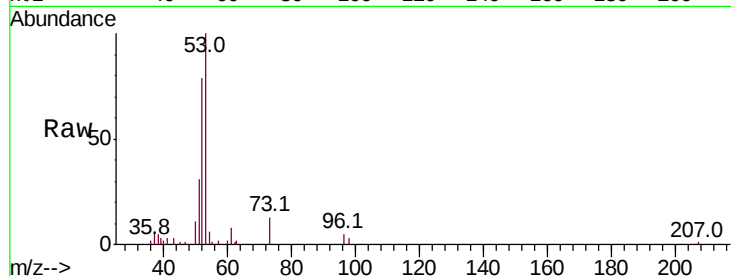
Tot Ion: 53 Resp: 71131

Ion Ratio Lower Upper

53 100

52 83.1 63.4 95.2

51 38.9 31.4 47.2



#16

Acetone

Concen: 247.028 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067825.D

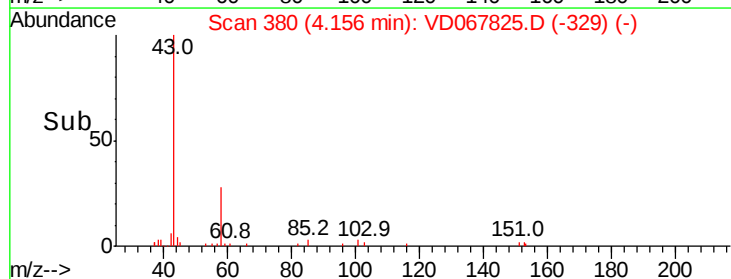
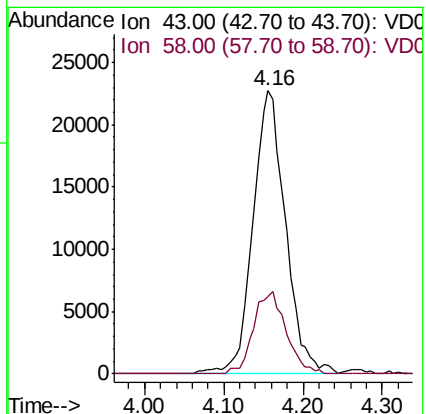
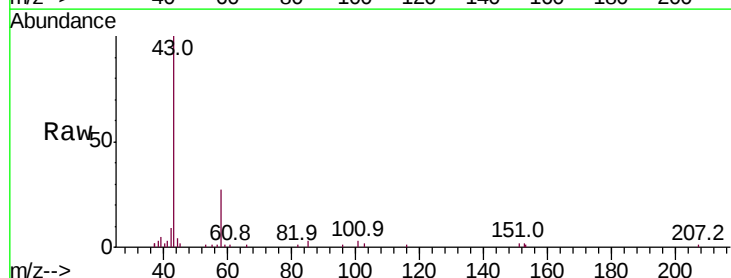
Acq: 30 Nov 2020 20:10

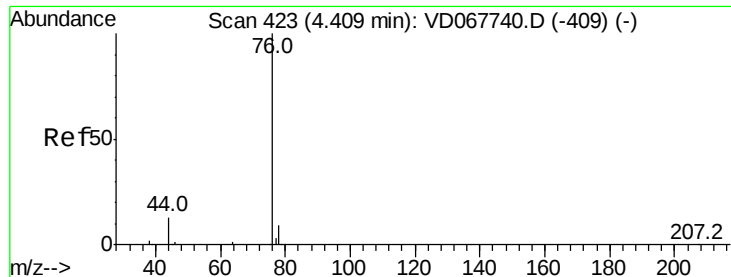
Tgt Ion: 43 Resp: 65174

Ion Ratio Lower Upper

43 100

58 27.5 27.6 41.4#

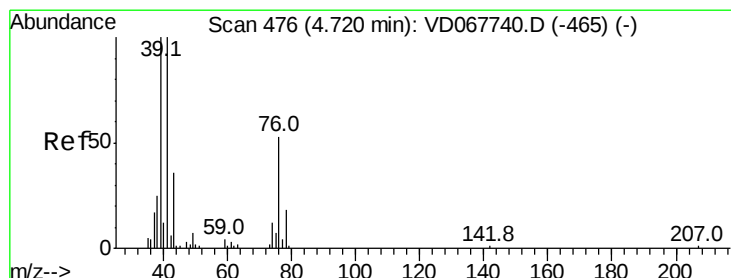
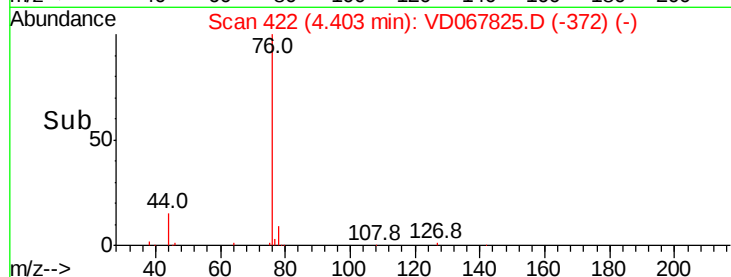
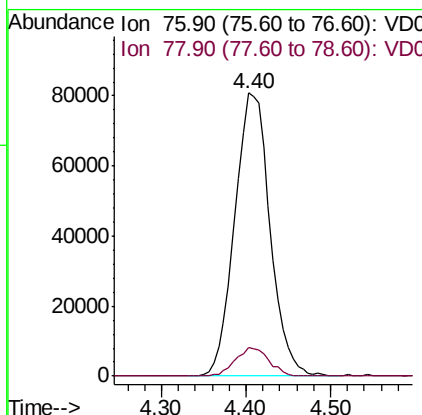
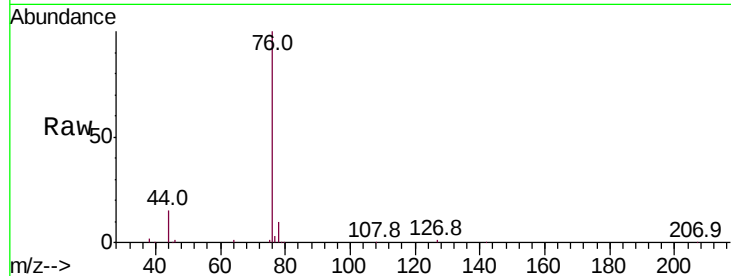




#17  
Carbon Disulfide  
Concen: 46.998 ug/l  
RT: 4.40 min Scan# 422  
Delta R.T. -0.01 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

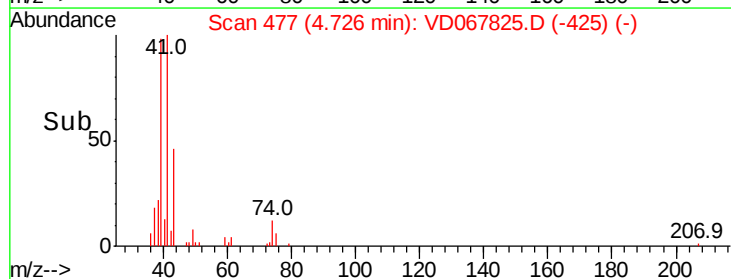
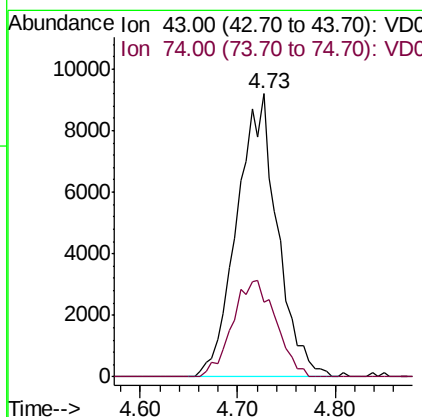
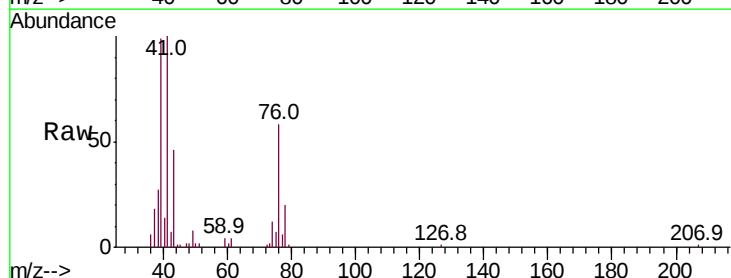
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

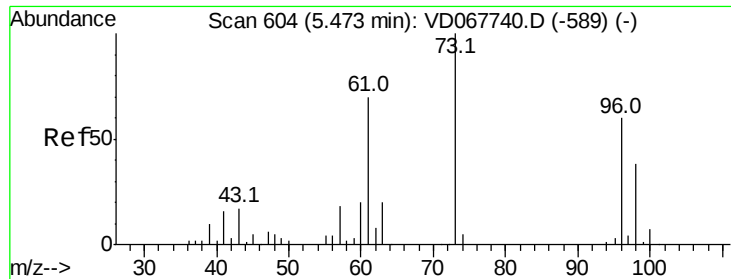
Tot Ion: 76 Resp: 234363  
Ion Ratio Lower Upper  
76 100  
78 10.3 7.5 11.3



#18  
Methyl Acetate  
Concen: 50.176 ug/l  
RT: 4.73 min Scan# 477  
Delta R.T. 0.01 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Tgt Ion: 43 Resp: 26633  
Ion Ratio Lower Upper  
43 100  
74 36.6 29.7 44.5





#19

Methyl tert-butyl Ether

Concen: 54.774 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

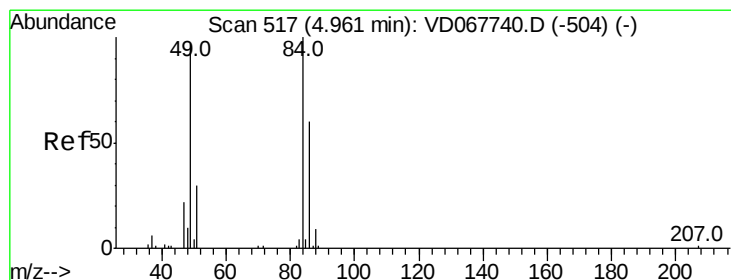
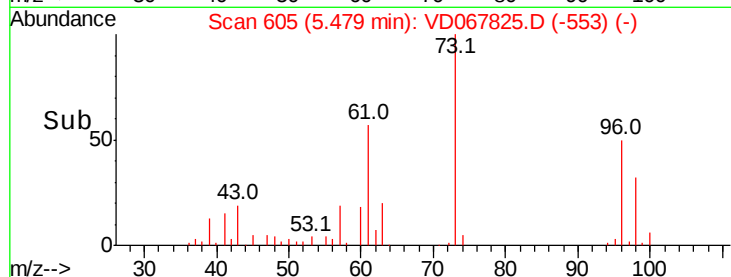
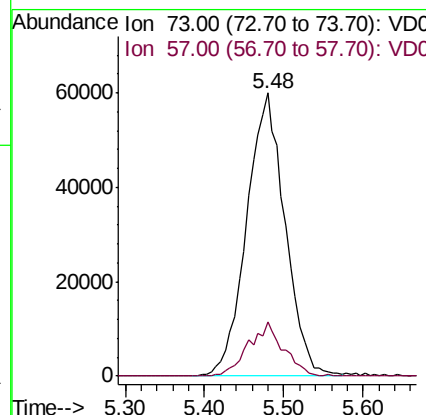
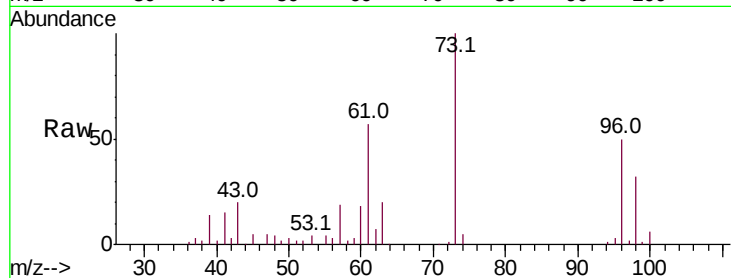
Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 201831

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 57  | 19.2  | 14.8  | 22.2  |



#20

Methylene Chloride

Concen: 48.251 ug/l

RT: 4.96 min Scan# 517

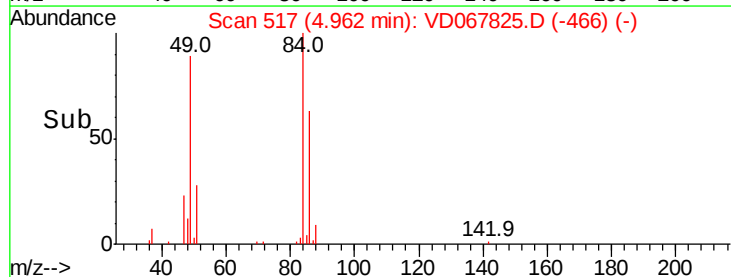
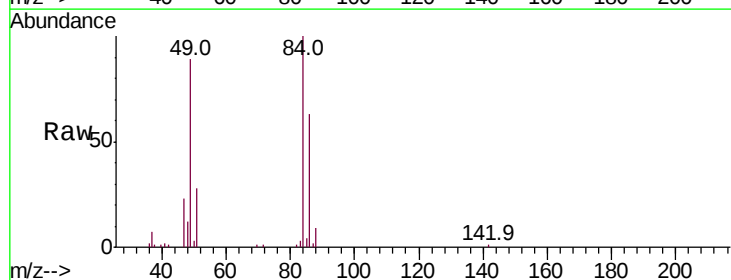
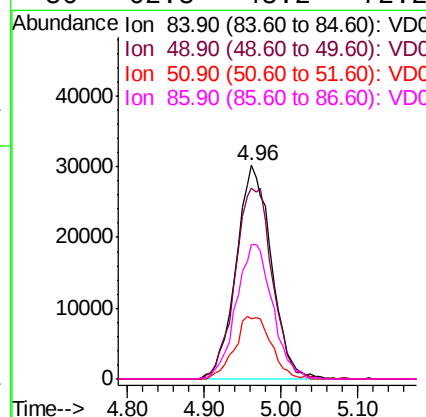
Delta R.T. 0.00 min

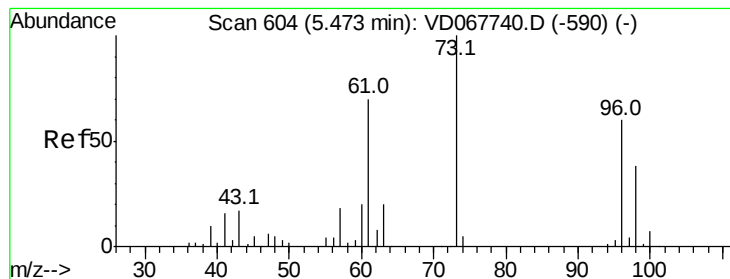
Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Tgt Ion: 84 Resp: 96853

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 89.4  | 77.4  | 116.2 |
| 51  | 28.3  | 24.1  | 36.1  |
| 86  | 62.8  | 48.2  | 72.2  |





#21

trans-1,2-Dichloroethene

Concen: 51.148 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

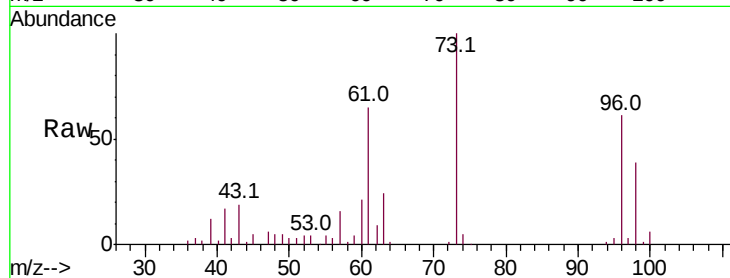
Tot Ion: 96 Resp: 100258

Ion Ratio Lower Upper

96 100

61 108.0 94.0 141.0

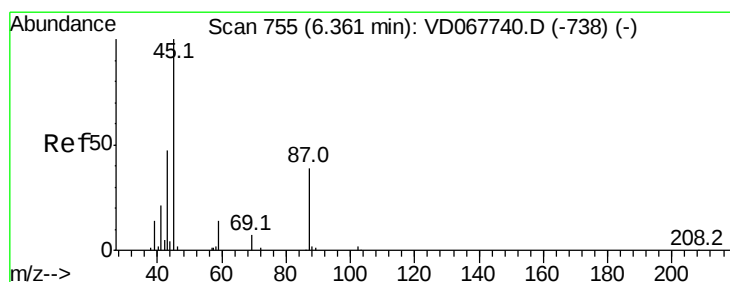
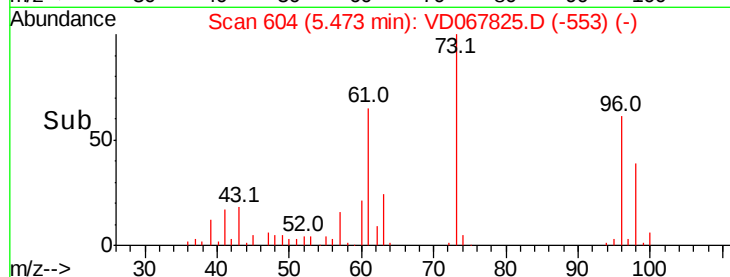
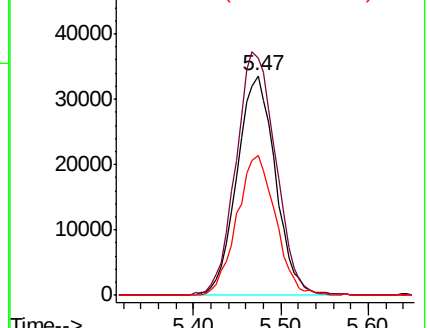
98 63.7 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 49.696 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Tgt Ion: 45 Resp: 163494

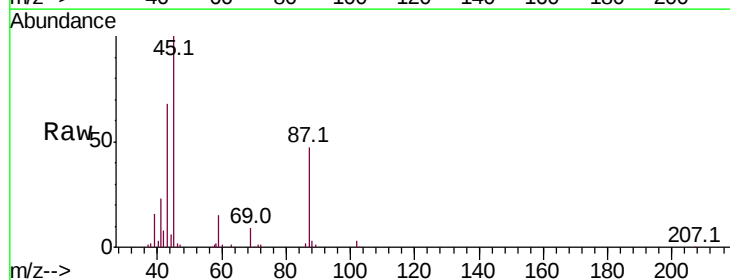
Ion Ratio Lower Upper

45 100

43 65.8 46.8 70.2

87 46.6 32.9 49.3

59 14.3 11.2 16.8

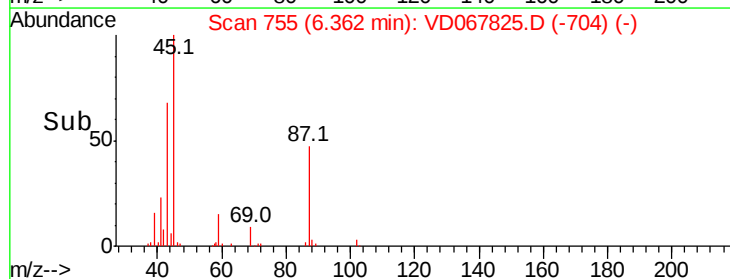
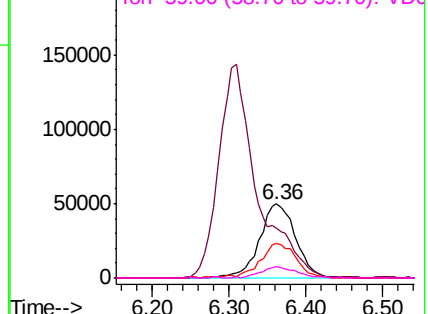


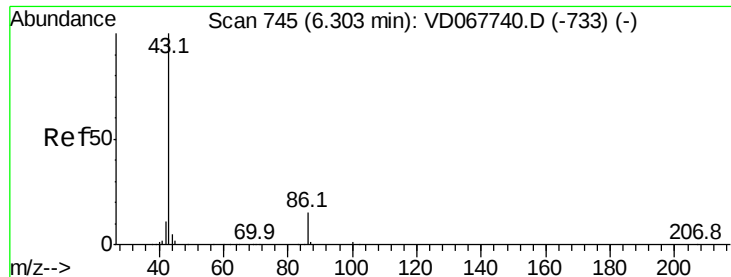
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 268.237 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

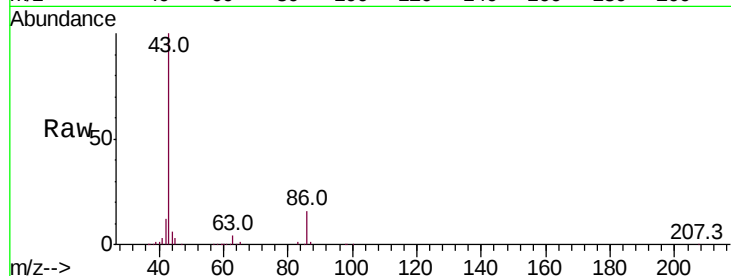
VSTDCCC050EC

Tot Ion: 43 Resp: 497789

Ion Ratio Lower Upper

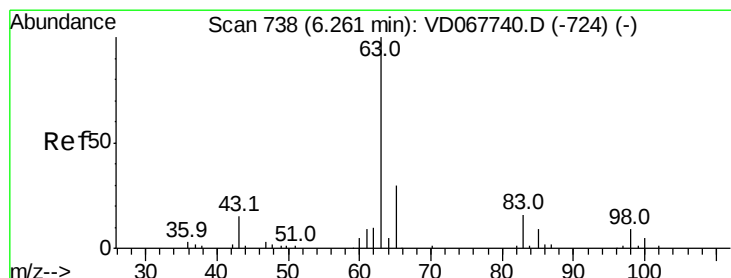
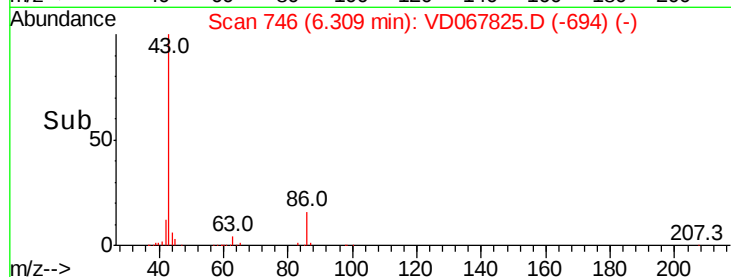
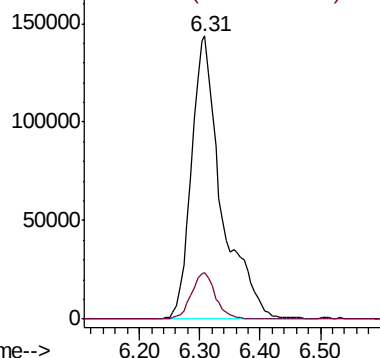
43 100

86 16.3 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 51.299 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

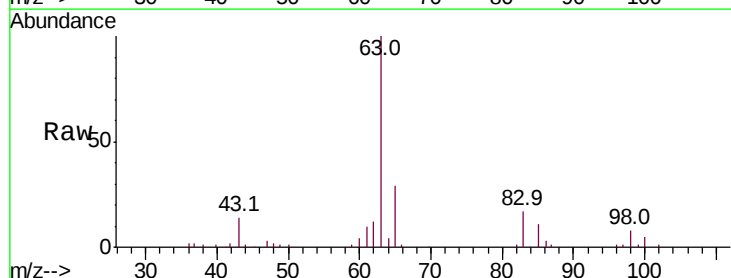
Tgt Ion: 63 Resp: 143085

Ion Ratio Lower Upper

63 100

98 8.5 4.4 13.2

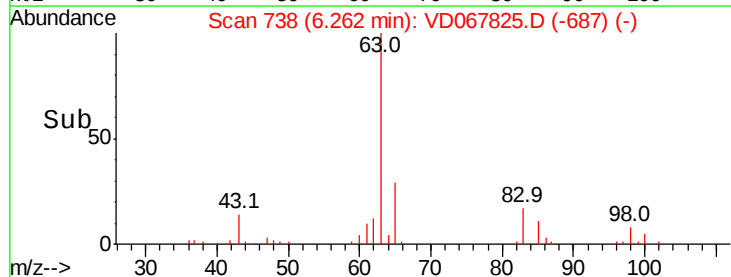
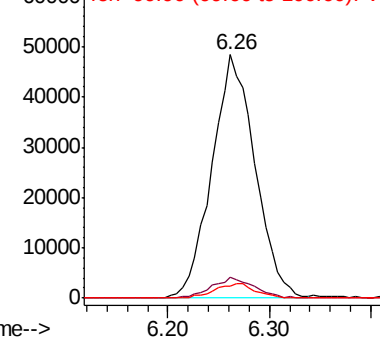
100 5.1 2.6 8.0

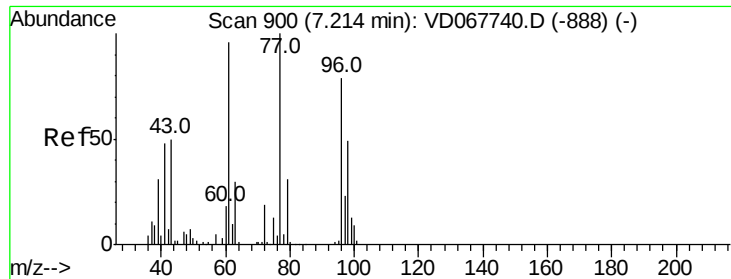


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 253.568 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

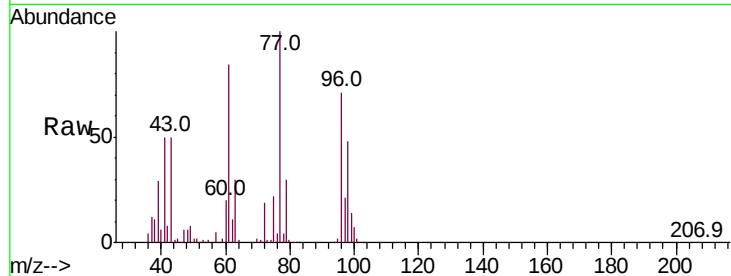
VSTDCCC050EC

Tot Ion: 43 Resp: 75071

Ion Ratio Lower Upper

43 100

72 37.8 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

30000

25000

20000

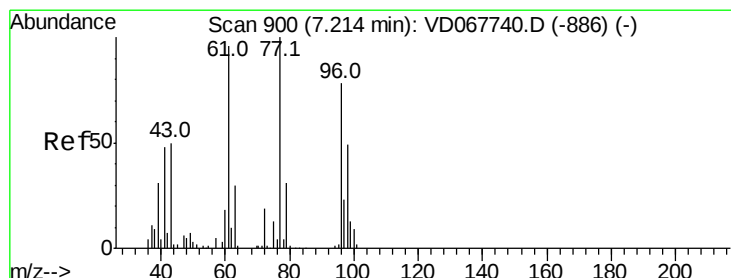
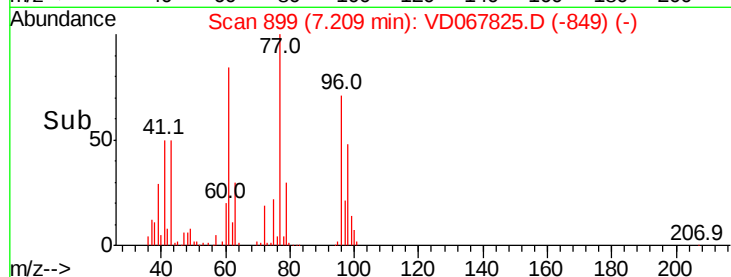
15000

10000

5000

0

Time--> 7.10 7.15 7.20 7.25



#26

2,2-Dichloropropane

Concen: 48.517 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067825.D

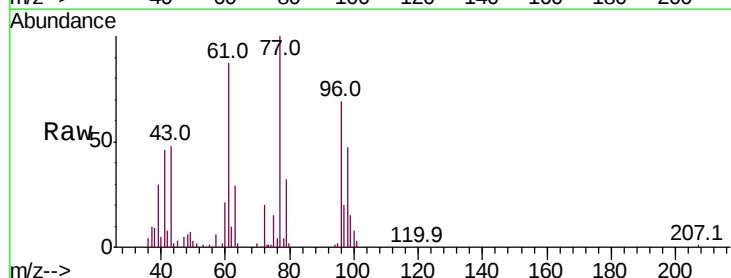
Acq: 30 Nov 2020 20:10

Tgt Ion: 77 Resp: 159645

Ion Ratio Lower Upper

77 100

97 21.8 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.21

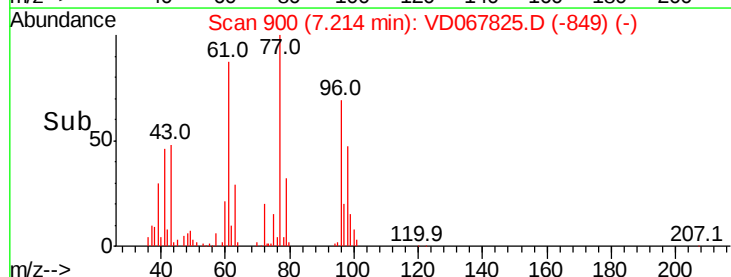
60000

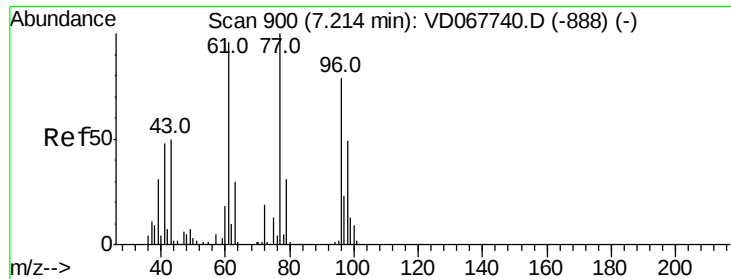
40000

20000

0

Time--> 7.10 7.20 7.30





#27

cis-1,2-Dichloroethene

Concen: 51.283 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

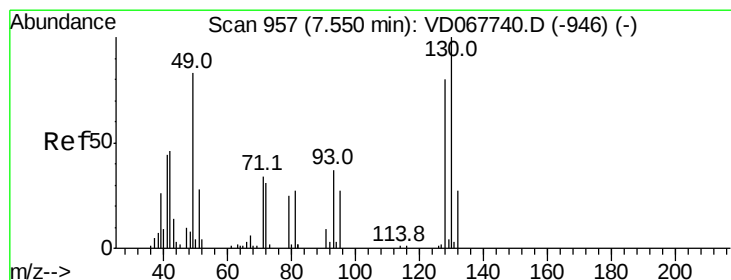
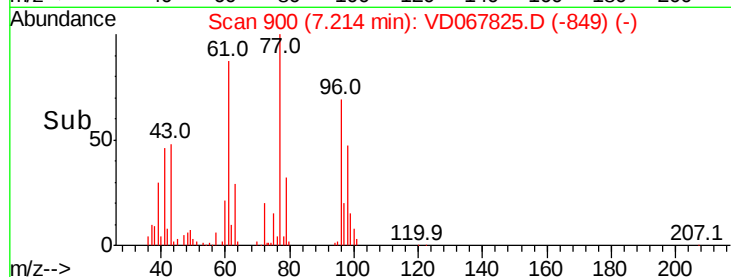
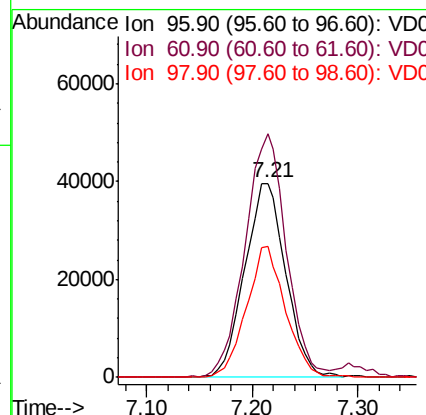
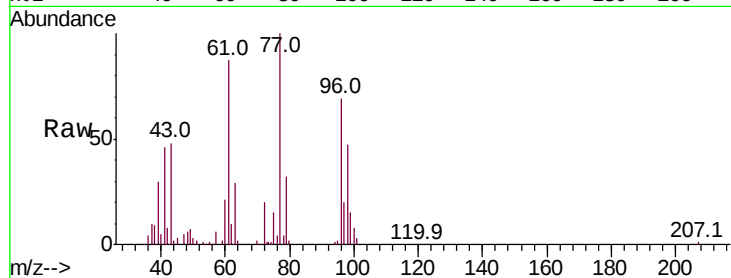
Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 96 Resp: 107147

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 126.4 | 0.0   | 258.0 |
| 98  | 63.8  | 0.0   | 131.8 |



#28

Bromochloromethane

Concen: 53.598 ug/l

RT: 7.55 min Scan# 957

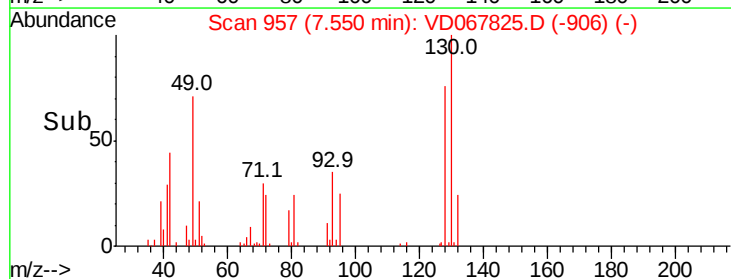
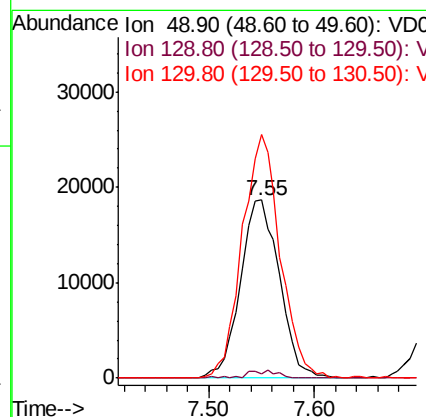
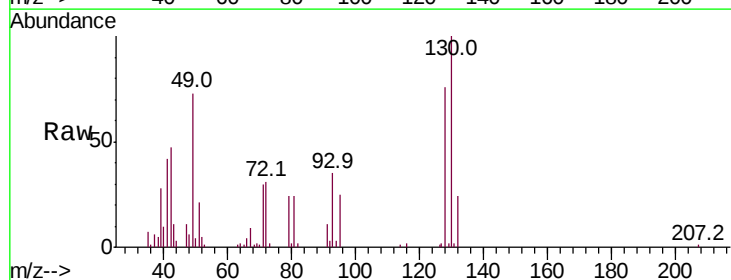
Delta R.T. 0.00 min

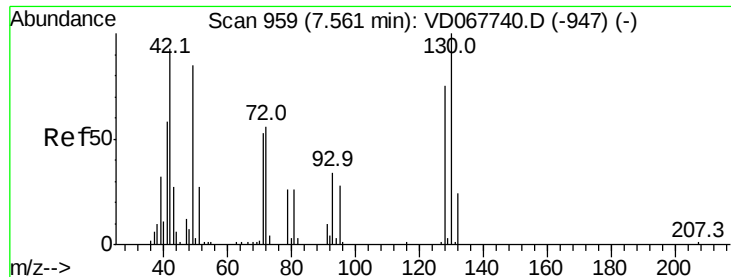
Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Tgt Ion: 49 Resp: 47887

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.6   | 0.0   | 7.0   |
| 130 | 132.8 | 102.2 | 153.4 |

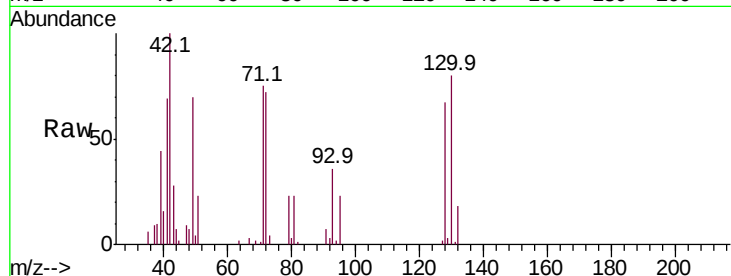




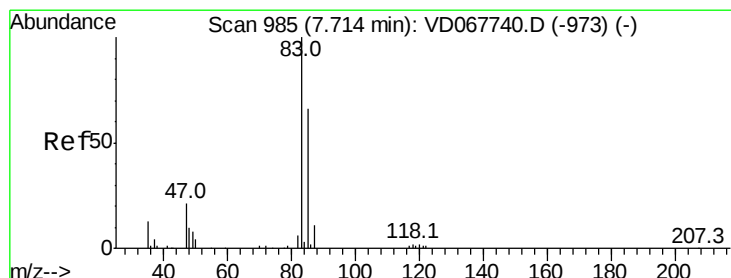
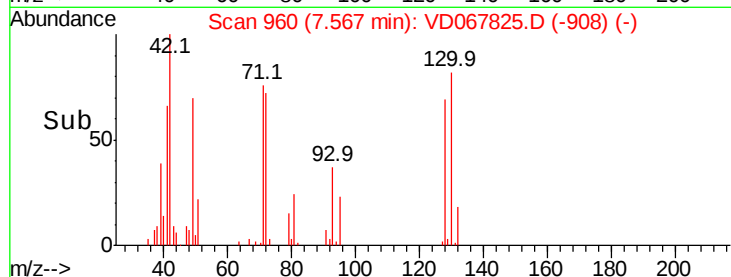
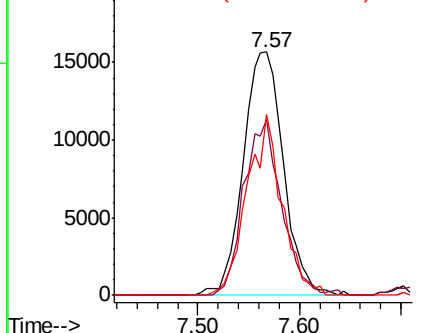
#29  
Tetrahydrofuran  
Concen: 257.011 ug/l  
RT: 7.57 min Scan# 960  
Delta R.T. 0.01 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 42 Resp: 43262  
Ion Ratio Lower Upper  
42 100  
72 67.3 49.3 73.9  
71 64.0 45.9 68.9

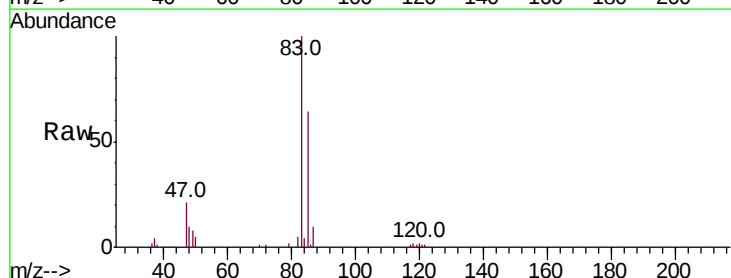


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

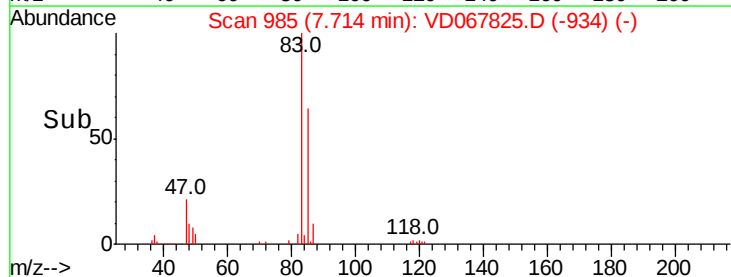
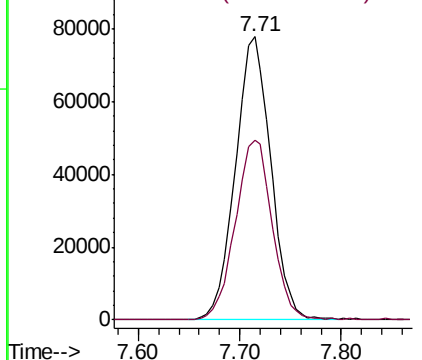


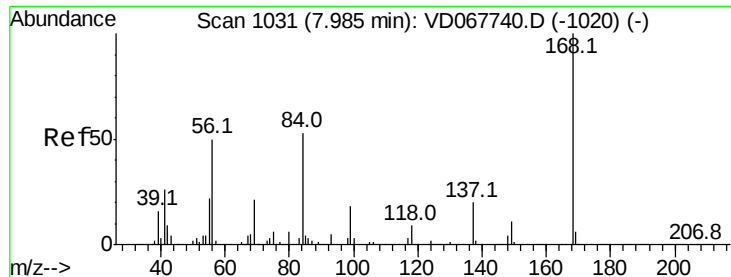
#30  
Chloroform  
Concen: 51.567 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Tgt Ion: 83 Resp: 188084  
Ion Ratio Lower Upper  
83 100  
85 63.7 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 84.90 (84.60 to 85.60): VDC

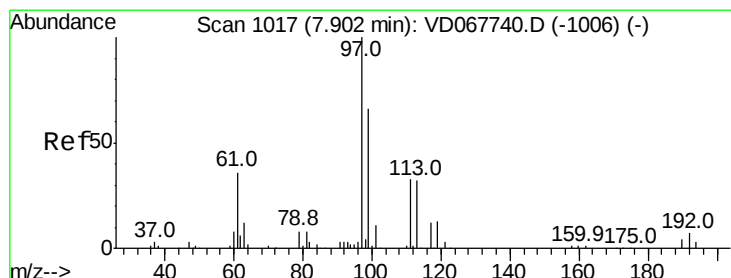
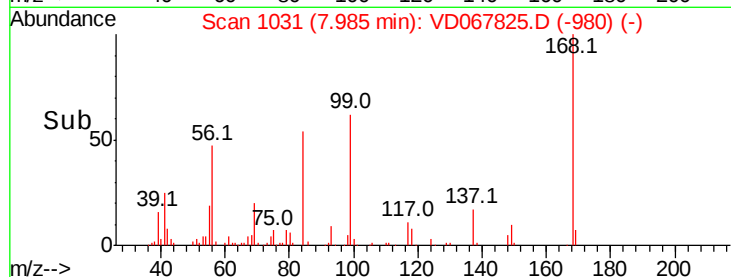
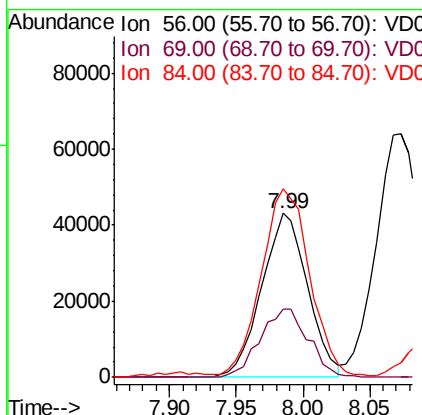
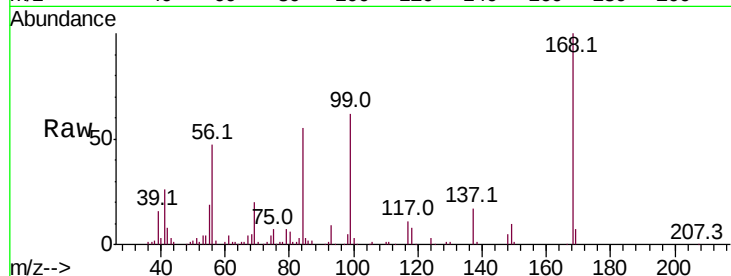




#31  
Cyclohexane  
Concen: 41.727 ug/l  
RT: 7.99 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

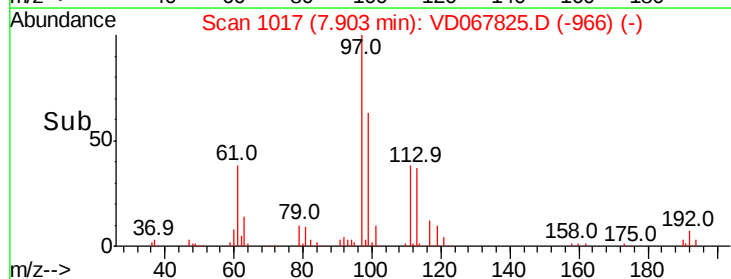
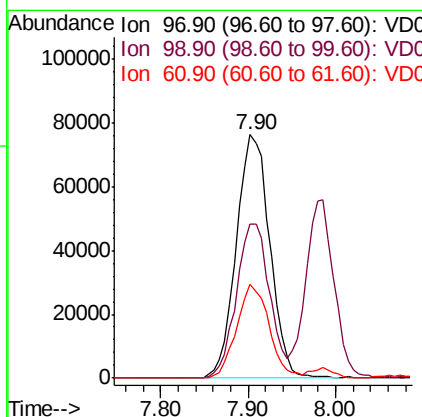
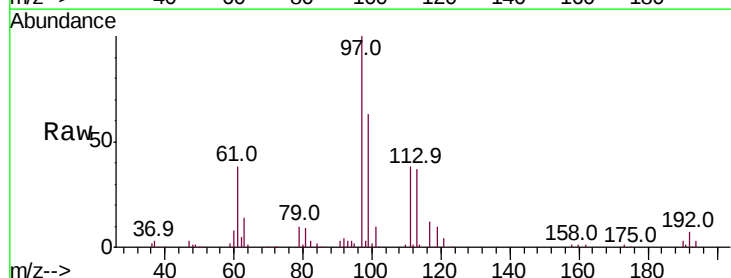
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

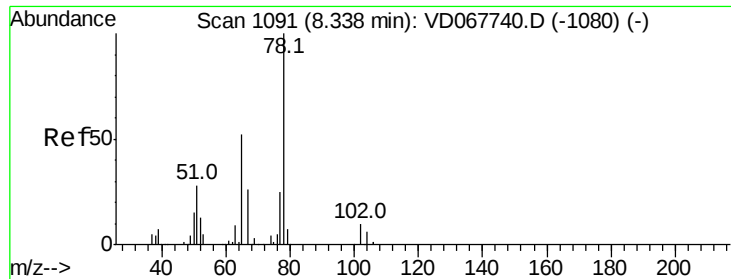
Tot Ion: 56 Resp: 103111  
Ion Ratio Lower Upper  
56 100  
69 41.8 33.2 49.8  
84 113.5 84.8 127.2



#32  
1,1,1-Trichloroethane  
Concen: 51.188 ug/l  
RT: 7.90 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Tgt Ion: 97 Resp: 197727  
Ion Ratio Lower Upper  
97 100  
99 63.1 51.1 76.7  
61 37.4 29.4 44.2





#33

1,2-Dichloroethane-d4

Concen: 56.838 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

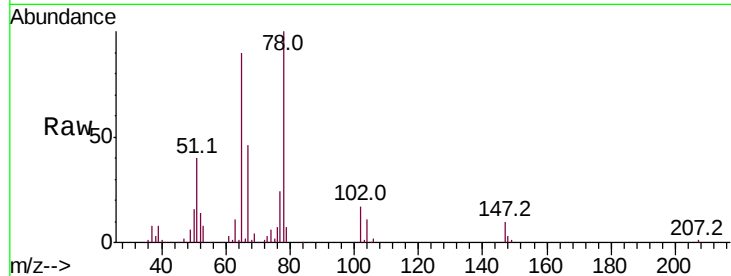
VSTDCCC050EC

Tot Ion: 65 Resp: 116077

Ion Ratio Lower Upper

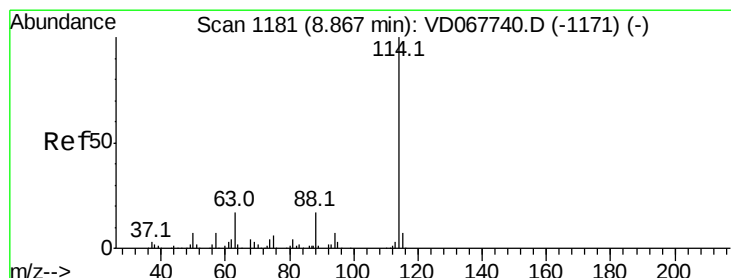
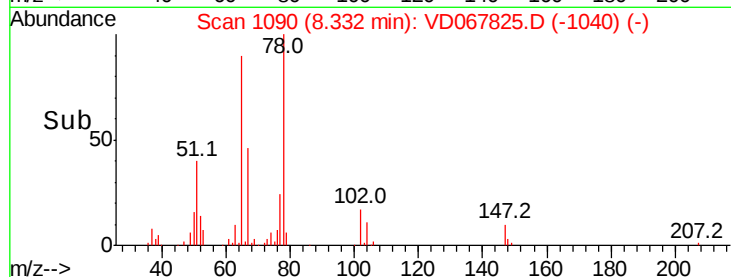
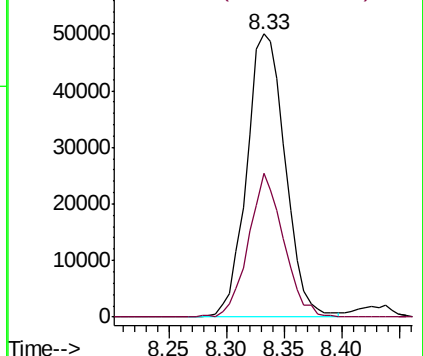
65 100

67 46.3 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

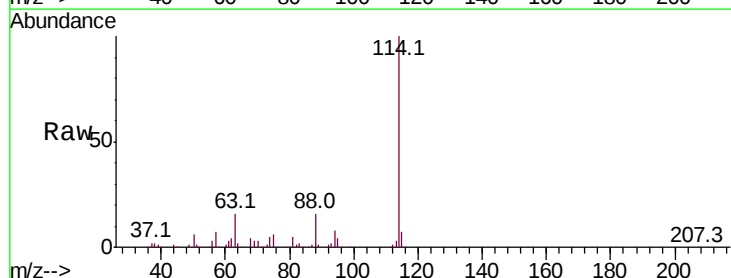
Tgt Ion: 114 Resp: 315799

Ion Ratio Lower Upper

114 100

63 16.0 0.0 34.8

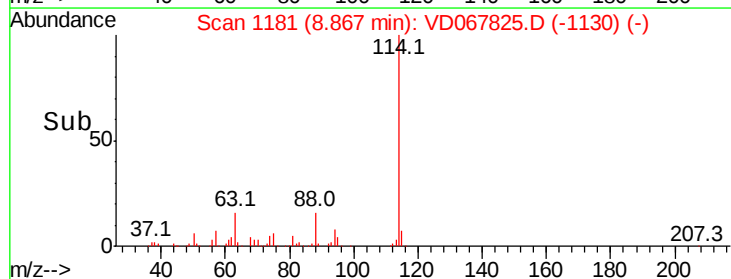
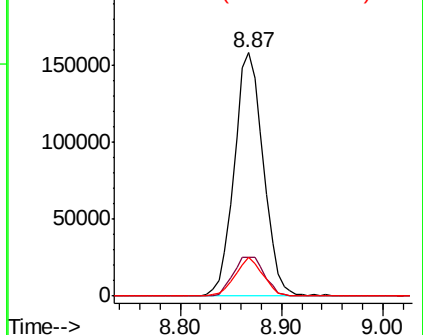
88 15.9 0.0 34.4

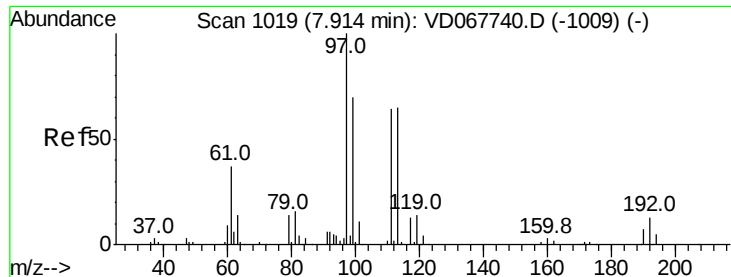


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

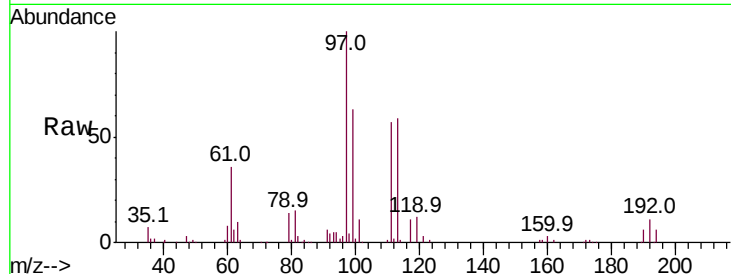




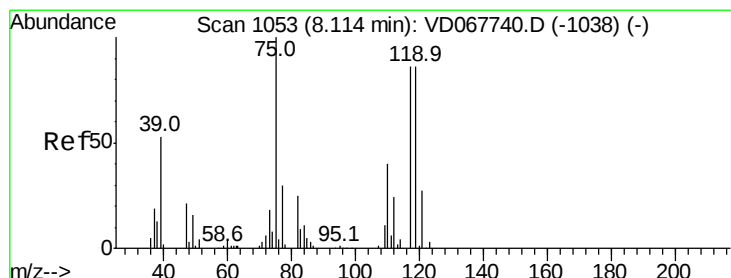
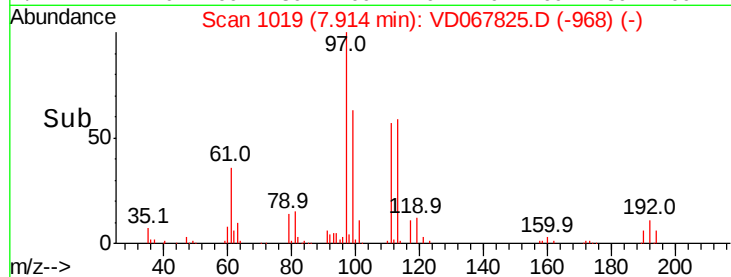
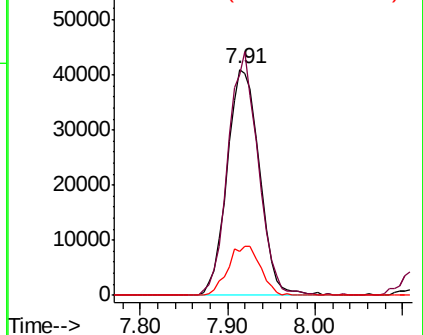
#35  
 Dibromofluoromethane  
 Concen: 51.267 ug/l  
 RT: 7.91 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: VD067825.D  
 Acq: 30 Nov 2020 20:10

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:113 Resp: 103033  
 Ion Ratio Lower Upper  
 113 100  
 111 100.8 81.4 122.0  
 192 21.8 17.0 25.4

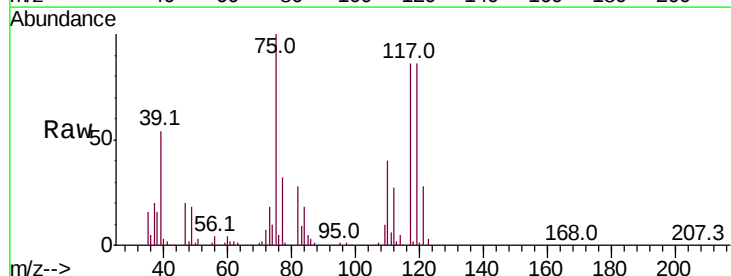


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

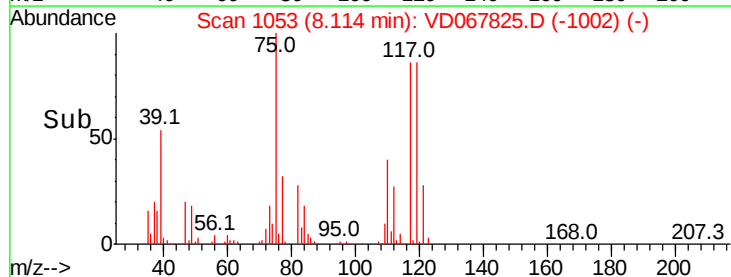
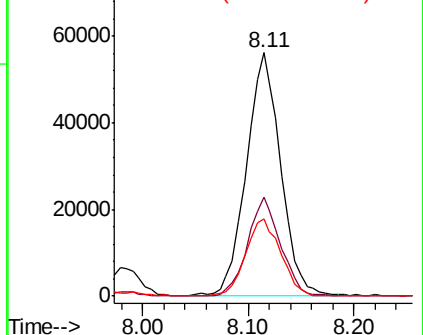


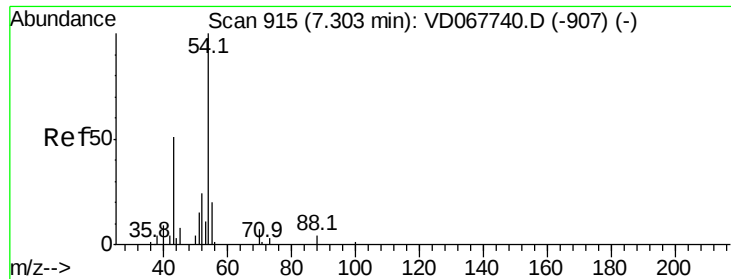
#36  
 1,1-Dichloropropene  
 Concen: 46.930 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. 0.00 min  
 Lab File: VD067825.D  
 Acq: 30 Nov 2020 20:10

Tgt Ion: 75 Resp: 127175  
 Ion Ratio Lower Upper  
 75 100  
 110 38.7 20.1 60.2  
 77 32.3 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): V

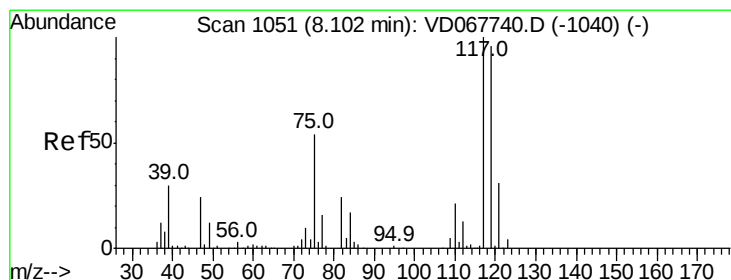
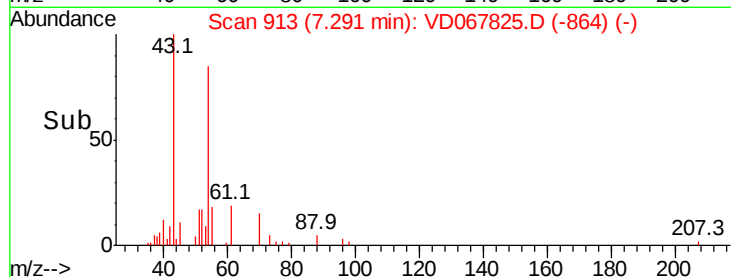
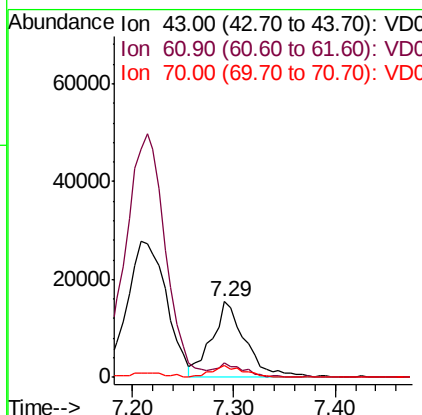
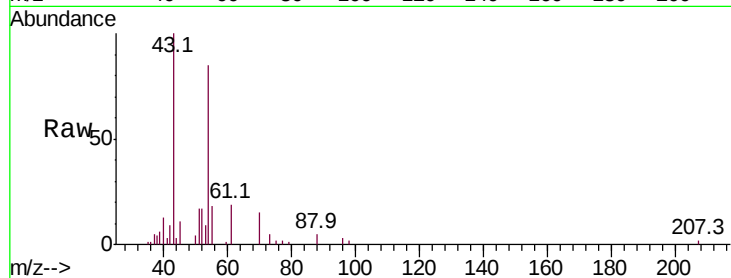




#37  
Ethyl Acetate  
Concen: 48.765 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

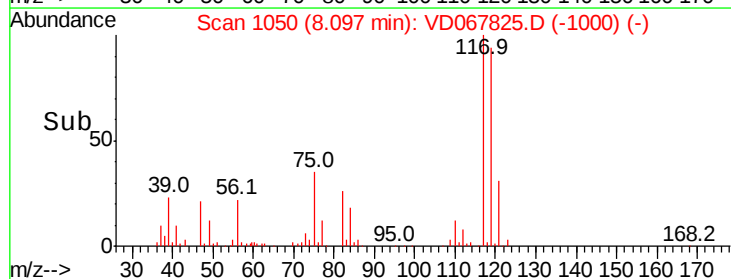
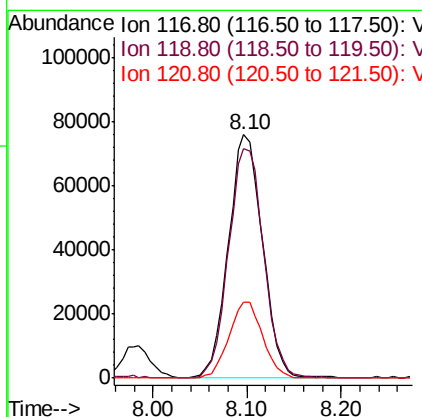
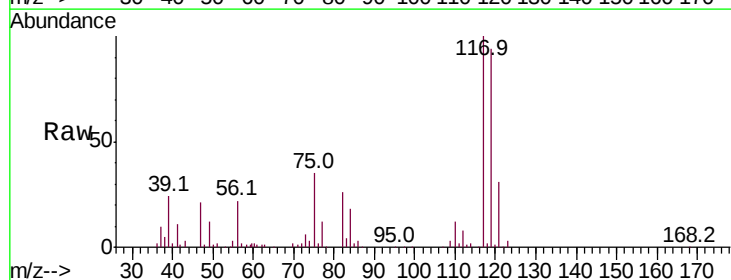
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

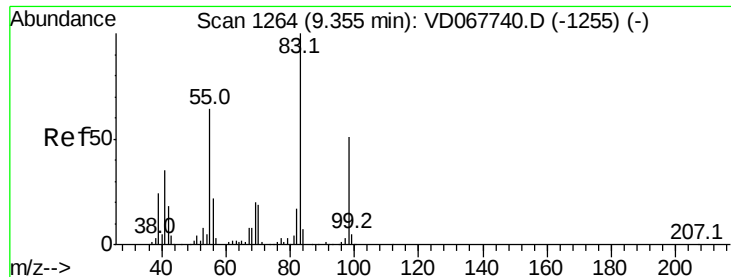
Tot Ion: 43 Resp: 35534  
Ion Ratio Lower Upper  
43 100  
61 13.6 12.9 19.3  
70 14.7 12.2 18.2



#38  
Carbon Tetrachloride  
Concen: 48.799 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Tgt Ion: 117 Resp: 191690  
Ion Ratio Lower Upper  
117 100  
119 94.2 76.6 115.0  
121 31.5 24.5 36.7

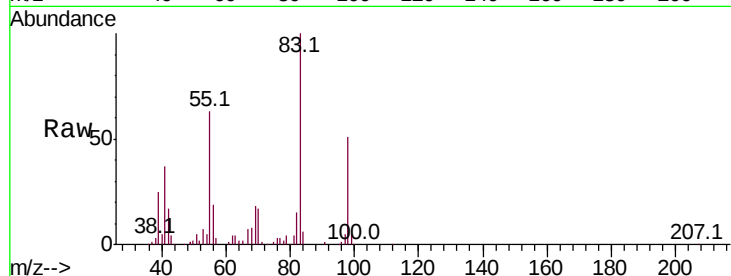




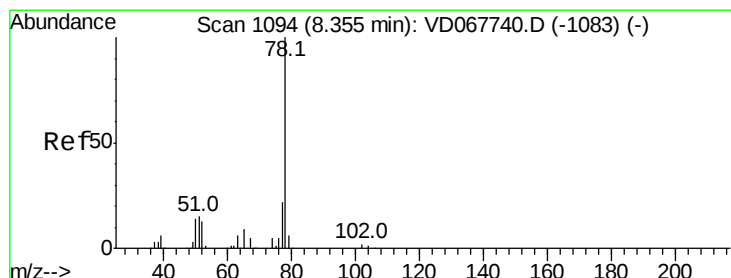
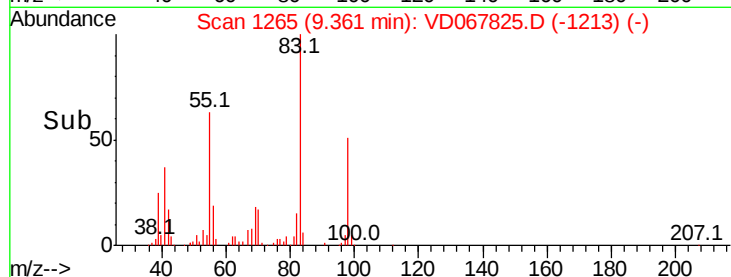
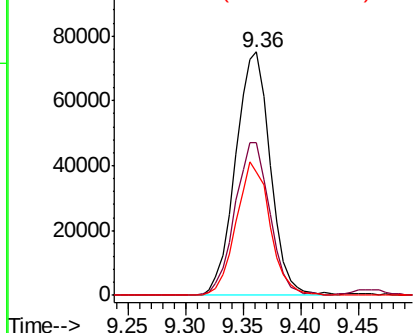
#39  
Methvlcvclohexane  
Concen: 48.832 ug/l  
RT: 9.36 min Scan# 1265  
Delta R.T. 0.01 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 83 Resp: 156604  
Ion Ratio Lower Upper  
83 100  
55 62.7 51.0 76.4  
98 50.9 40.4 60.6

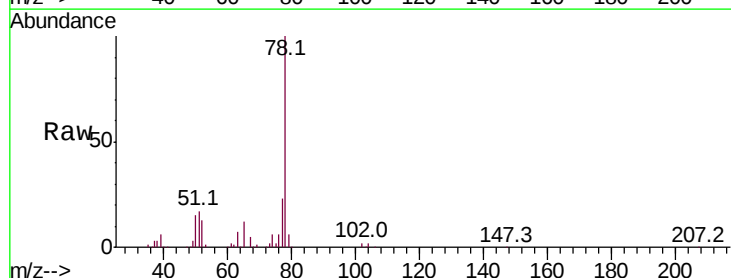


Abundance Ion 83.00 (82.70 to 83.70): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.00 (97.70 to 98.70): VDC

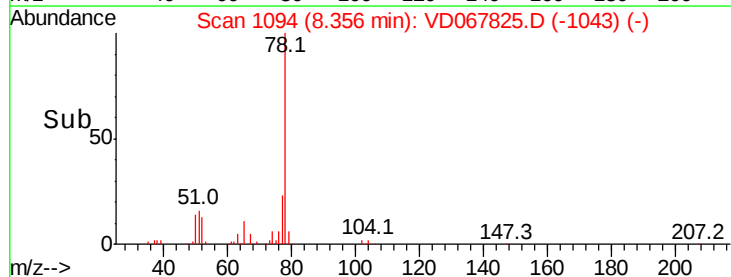
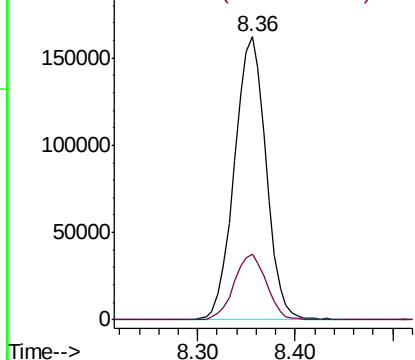


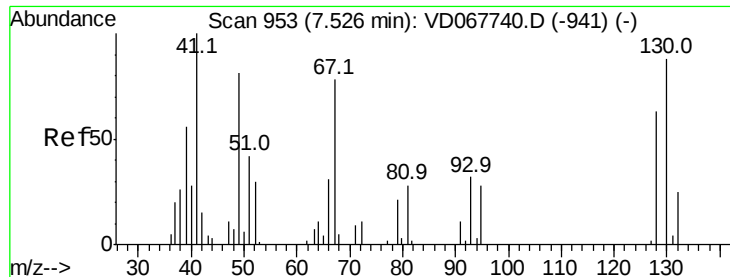
#40  
Benzene  
Concen: 49.339 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Tgt Ion: 78 Resp: 367216  
Ion Ratio Lower Upper  
78 100  
77 23.1 17.8 26.6



Abundance Ion 78.00 (77.70 to 78.70): VDC  
Ion 77.00 (76.70 to 77.70): VDC

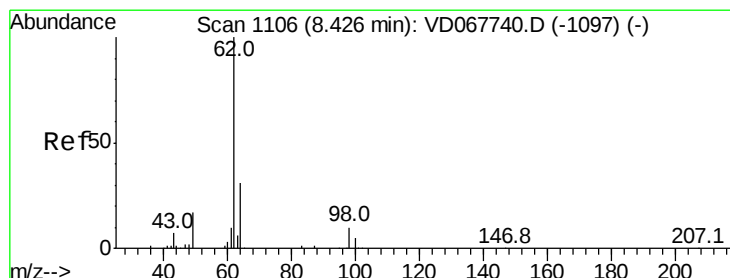
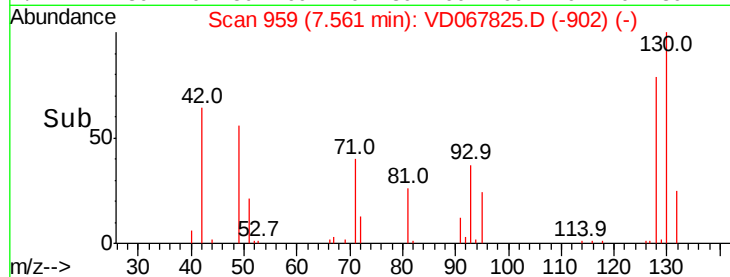
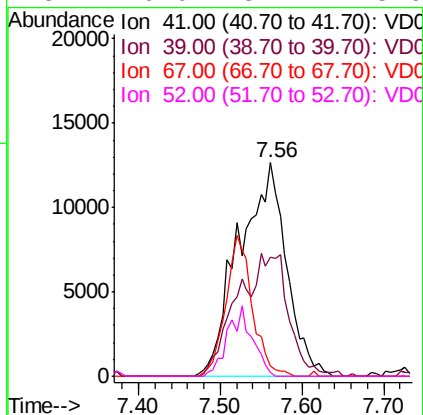
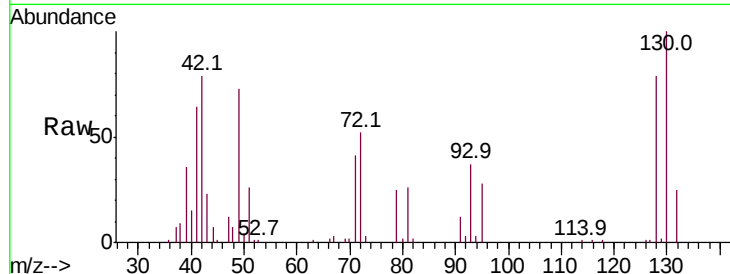




#41  
Methacrylonitrile  
Concen: 136.328 ug/l  
RT: 7.56 min Scan# 959  
Delta R.T. 0.04 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

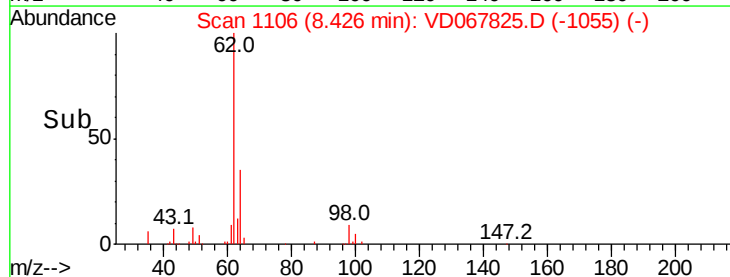
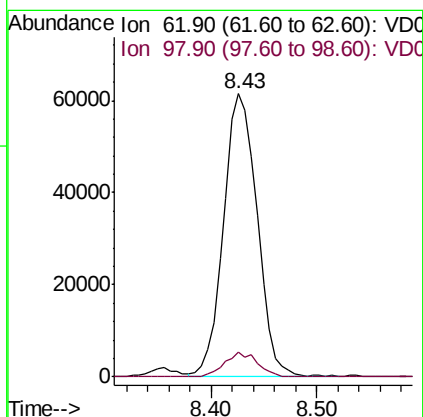
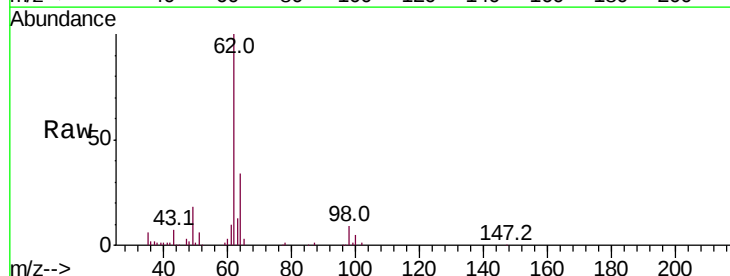
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

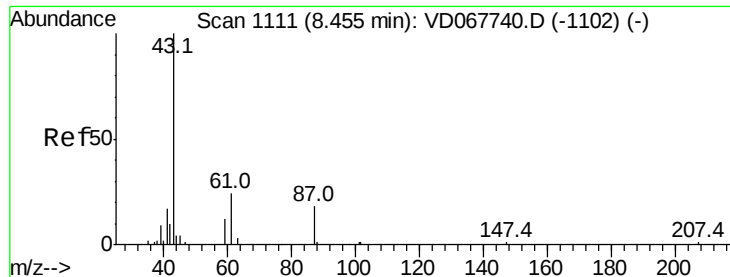
Tot Ion: 41 Resp: 50726  
Ion Ratio Lower Upper  
41 100  
39 38.7 50.2 75.4#  
67 0.0 79.0 118.6#  
52 0.0 32.4 48.6#



#42  
1,2-Dichloroethane  
Concen: 53.794 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Tgt Ion: 62 Resp: 135847  
Ion Ratio Lower Upper  
62 100  
98 8.5 0.0 18.2





#43

Isopropyl Acetate

Concen: 51.223 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

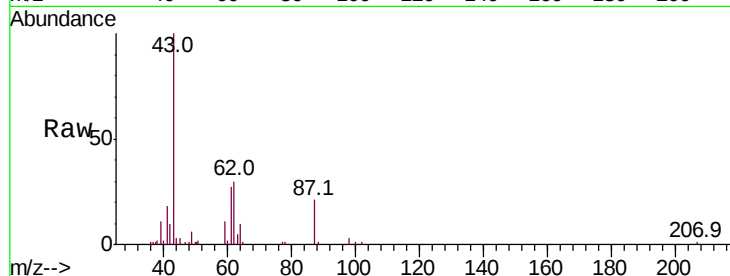
Tot Ion: 43 Resp: 74539

Ion Ratio Lower Upper

43 100

61 39.2 30.2 45.4

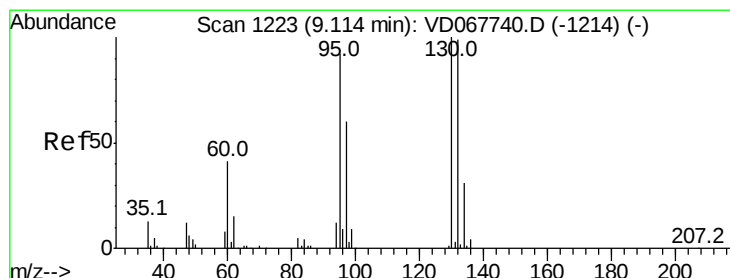
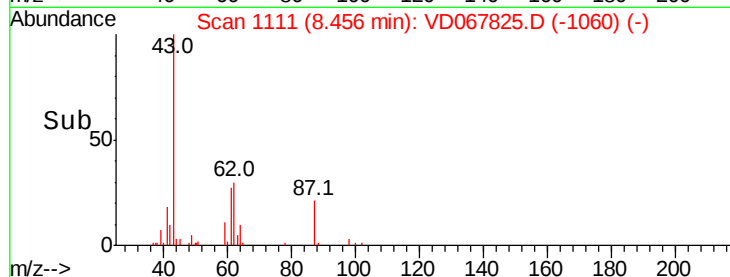
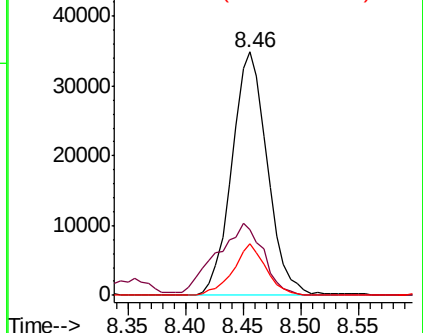
87 19.3 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 50.416 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067825.D

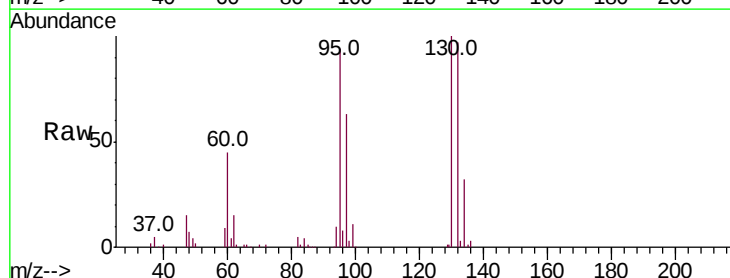
Acq: 30 Nov 2020 20:10

Tgt Ion:130 Resp: 124362

Ion Ratio Lower Upper

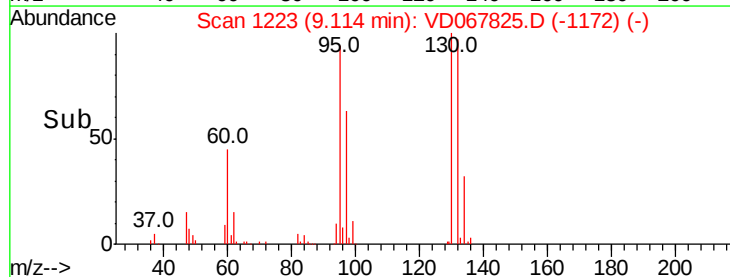
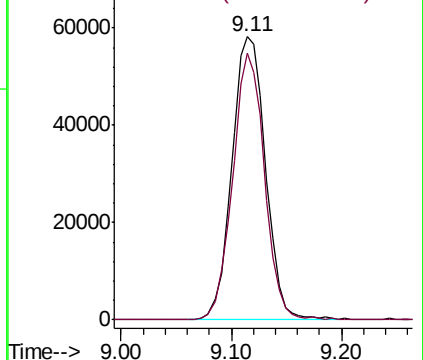
130 100

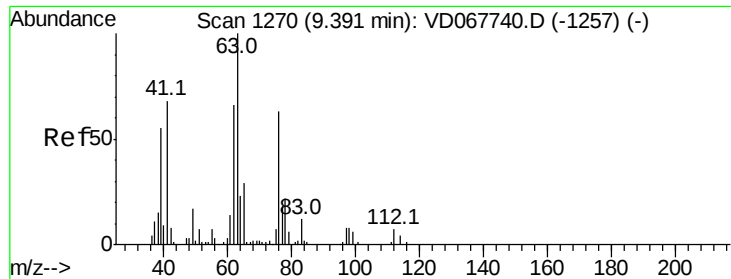
95 94.2 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 49.137 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

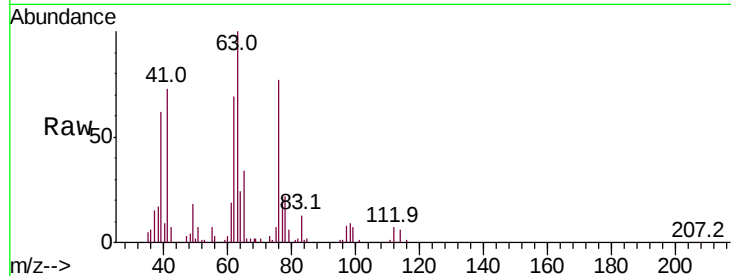
VSTDCCC050EC

Tot Ion: 63 Resp: 75040

Ion Ratio Lower Upper

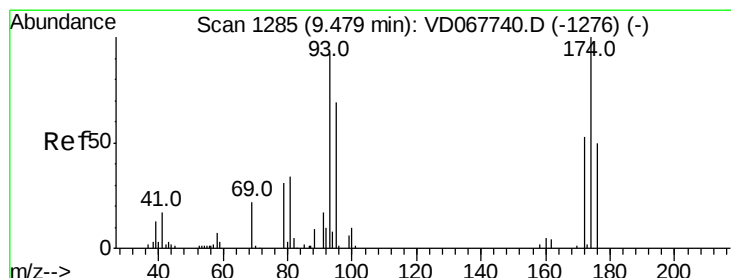
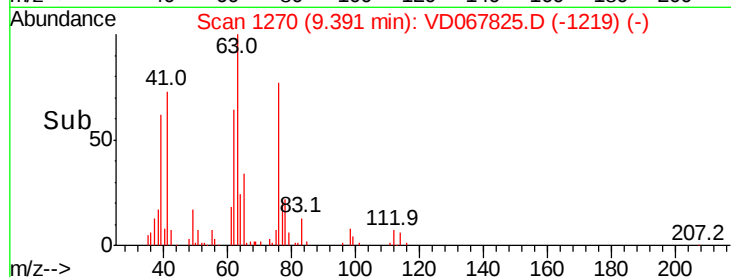
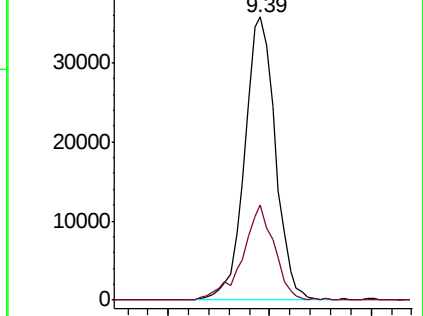
63 100

65 33.5 23.1 34.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 52.160 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

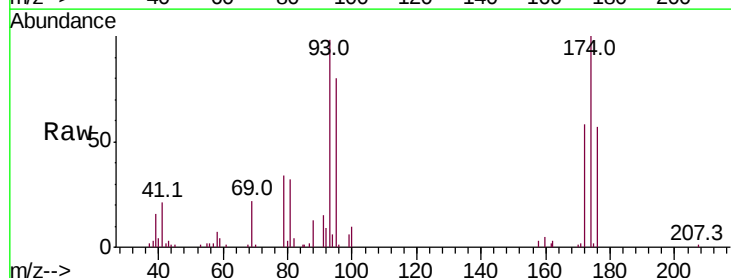
Tgt Ion: 93 Resp: 54231

Ion Ratio Lower Upper

93 100

95 83.5 63.4 95.2

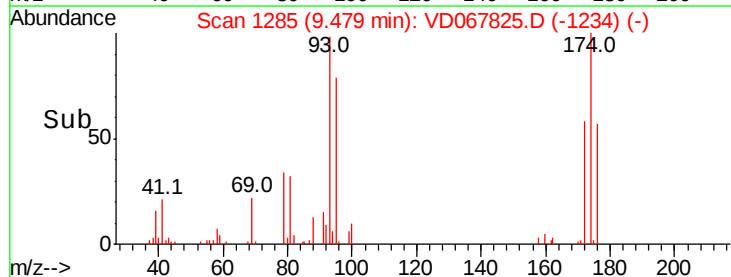
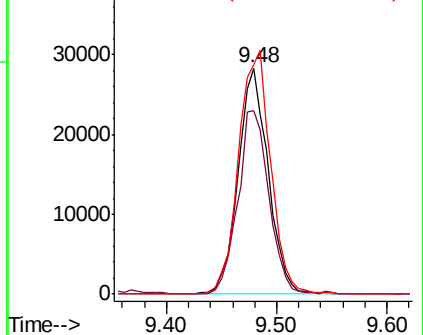
174 115.2 89.6 134.4

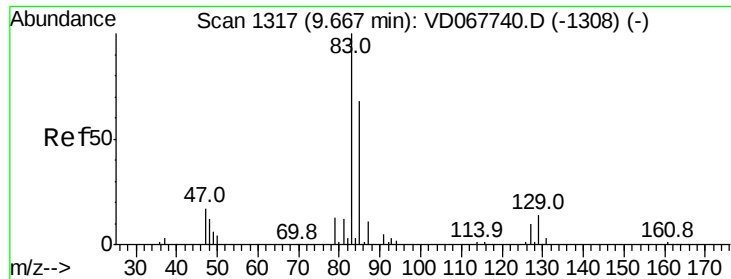


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.785 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

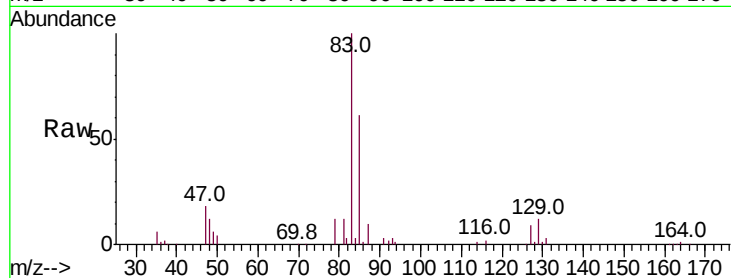
Tot Ion: 83 Resp: 152825

Ion Ratio Lower Upper

83 100

85 60.5 54.2 81.2

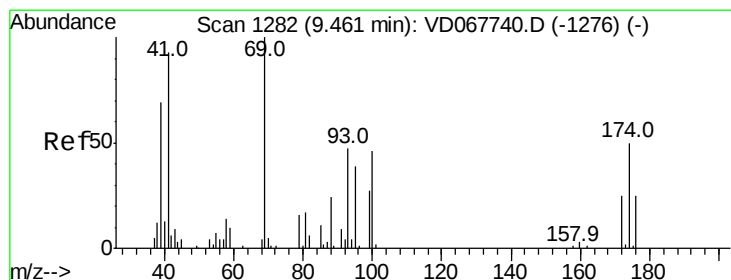
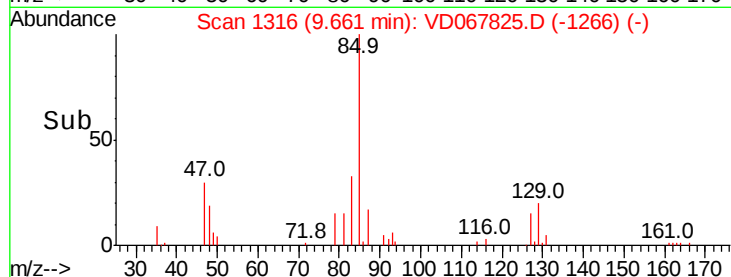
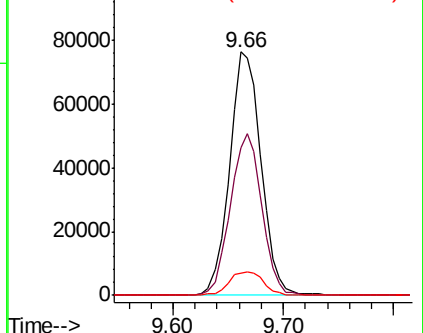
127 9.2 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 49.476 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

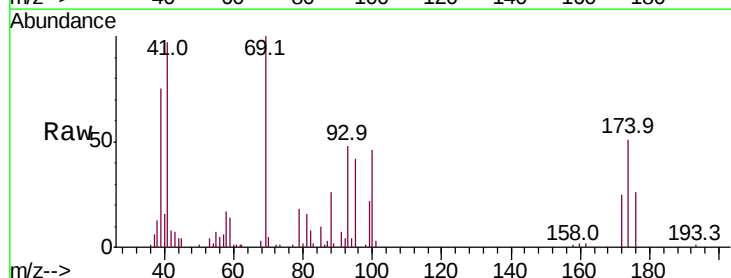
Tgt Ion: 41 Resp: 35994

Ion Ratio Lower Upper

41 100

69 113.7 87.8 131.6

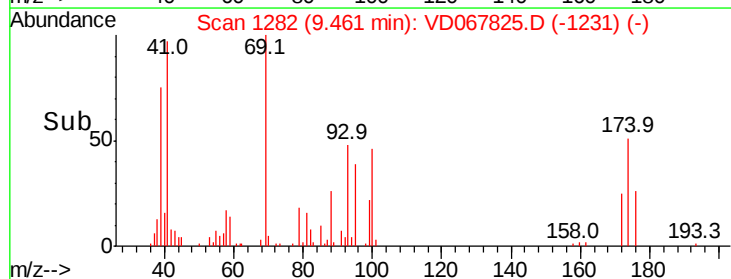
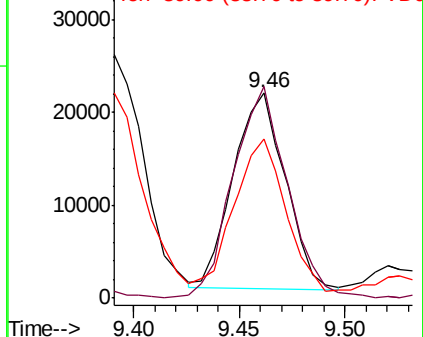
39 85.4 60.5 90.7

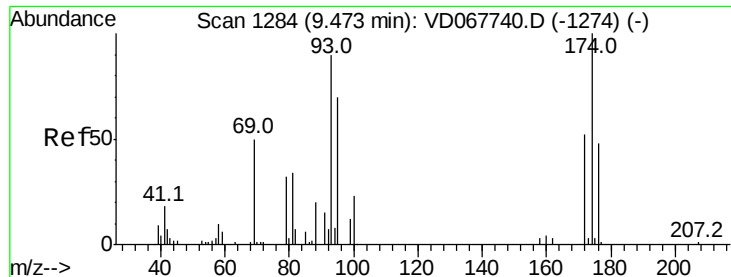


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1122.335 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

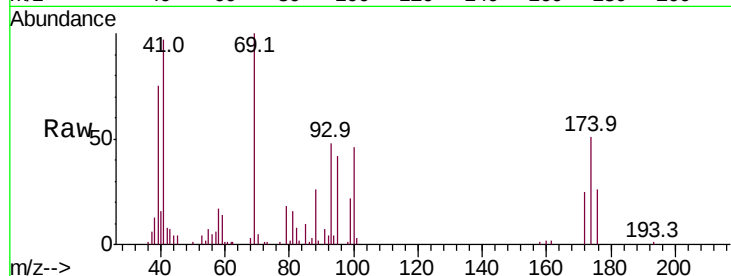
Tot Ion: 88 Resp: 12646

Ion Ratio Lower Upper

88 100

43 28.8 25.2 37.8

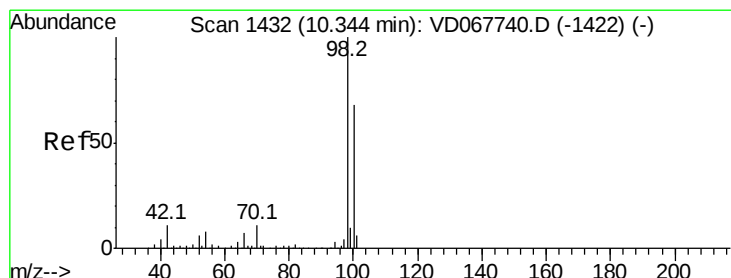
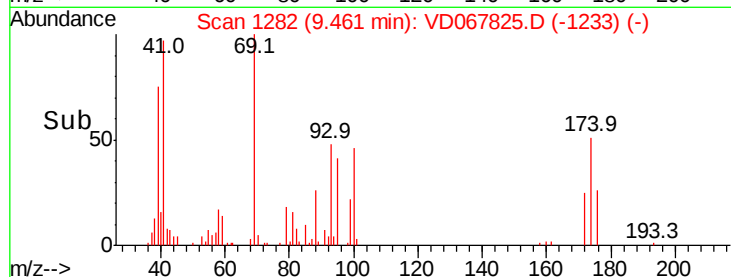
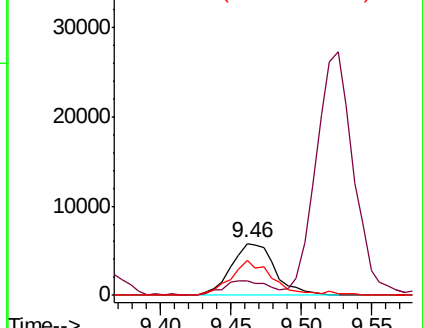
58 66.3 48.2 72.2



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 51.426 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067825.D

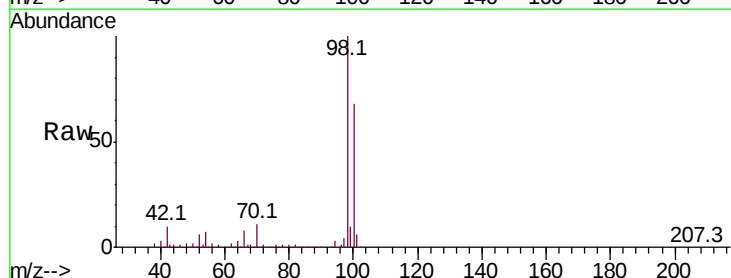
Acq: 30 Nov 2020 20:10

Tgt Ion: 98 Resp: 377865

Ion Ratio Lower Upper

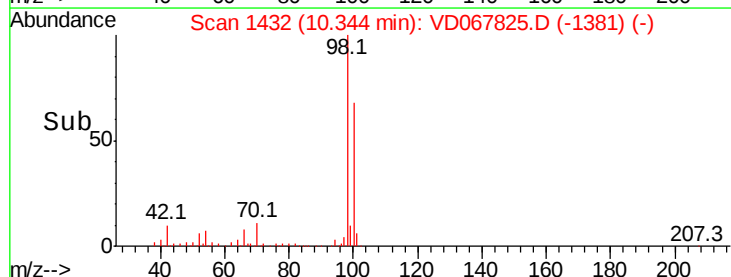
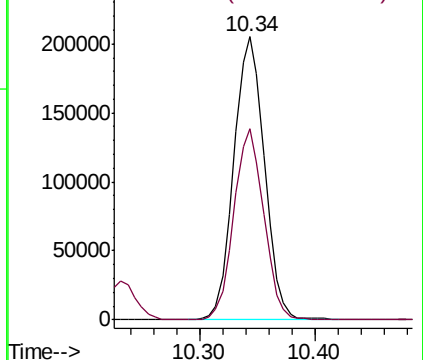
98 100

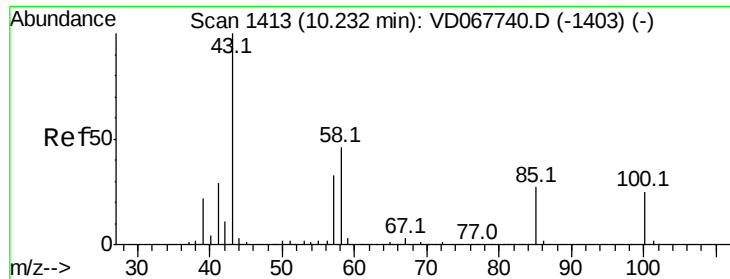
100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

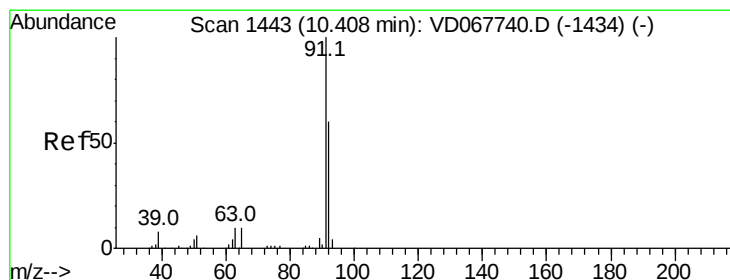
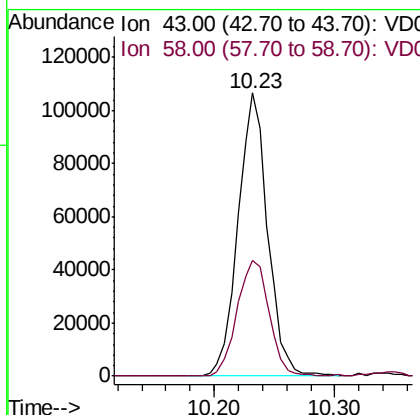
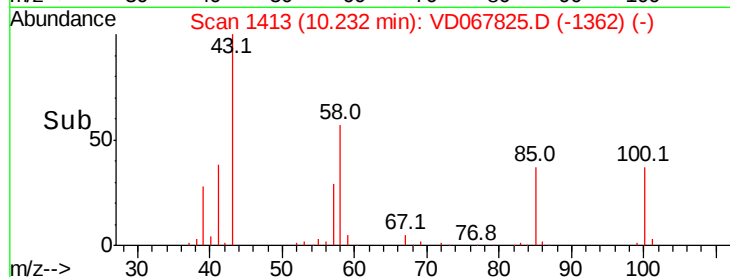
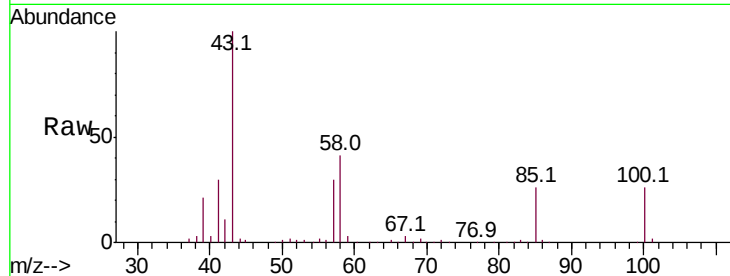




#51  
4-Methyl-2-Pentanone  
Concen: 267.274 ug/l  
RT: 10.23 min Scan# 1413  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

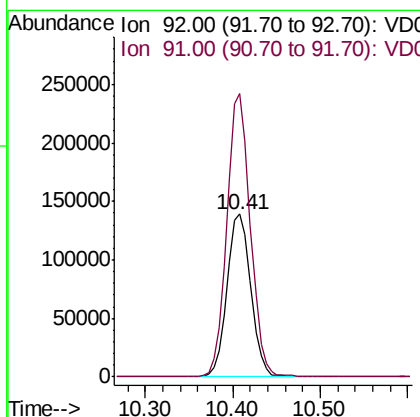
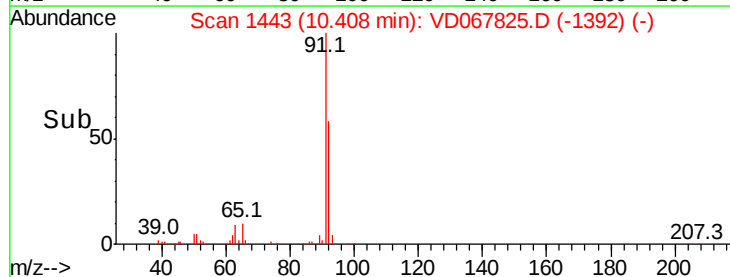
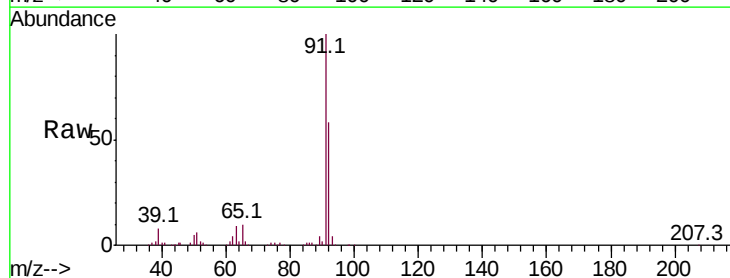
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

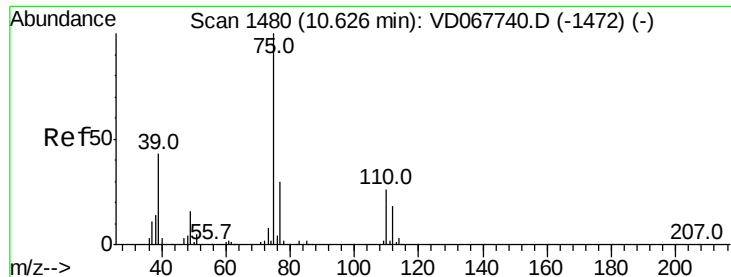
Tot Ion: 43 Resp: 183013  
Ion Ratio Lower Upper  
43 100  
58 44.2 34.7 52.1



#52  
Toluene  
Concen: 51.357 ug/l  
RT: 10.41 min Scan# 1443  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Tgt Ion: 92 Resp: 259301  
Ion Ratio Lower Upper  
92 100  
91 171.3 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 50.735 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

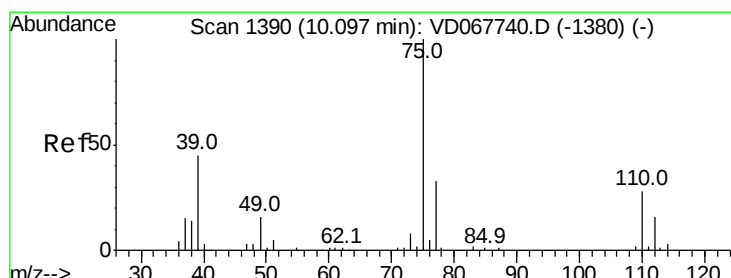
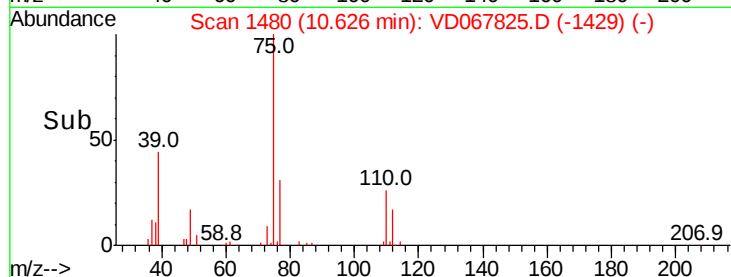
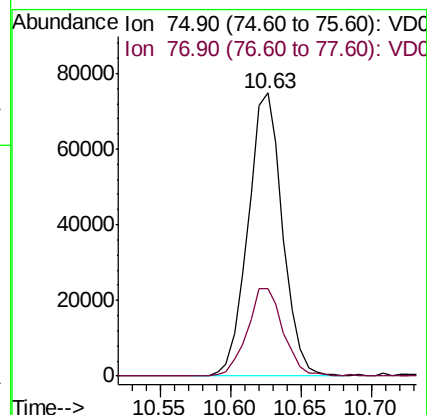
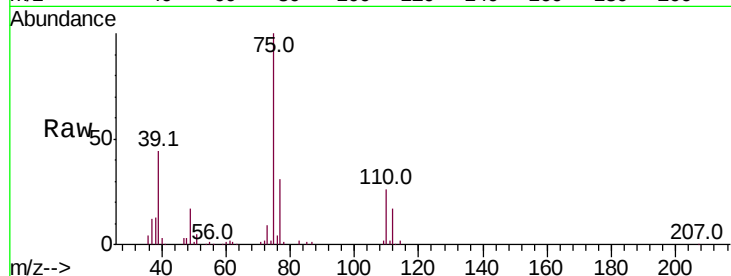
VSTDCCC050EC

Tot Ion: 75 Resp: 128333

Ion Ratio Lower Upper

75 100

77 31.1 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 49.691 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

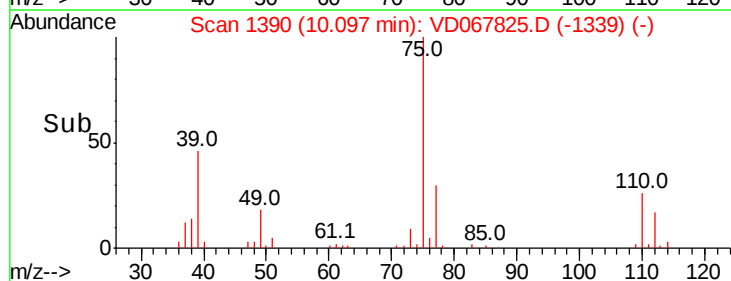
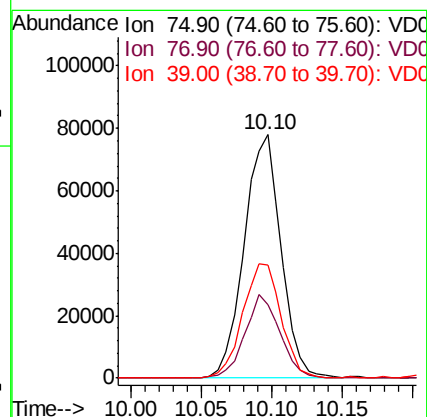
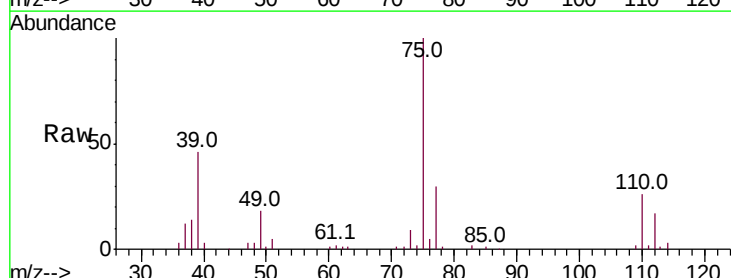
Tgt Ion: 75 Resp: 142247

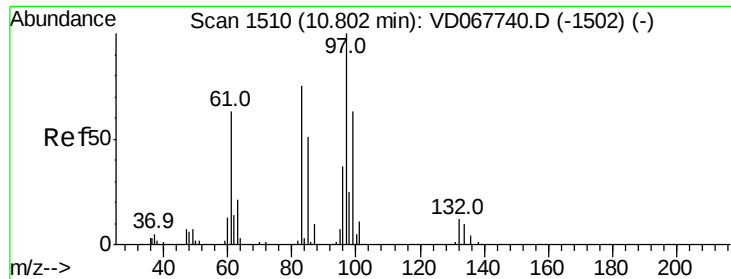
Ion Ratio Lower Upper

75 100

77 30.0 26.1 39.1

39 46.2 35.8 53.6





#55

1,1,2-Trichloroethane

Concen: 50.560 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 70533

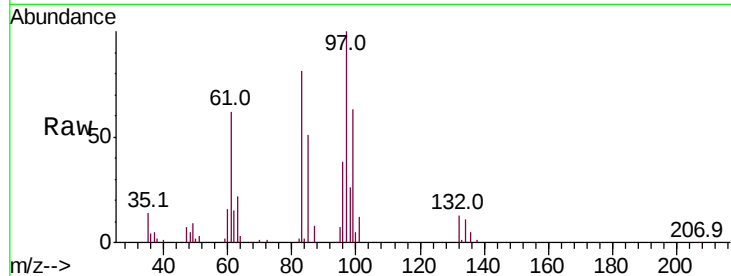
Ion Ratio Lower Upper

97 100

83 80.7 60.2 90.4

85 50.6 40.5 60.7

99 63.1 50.6 76.0

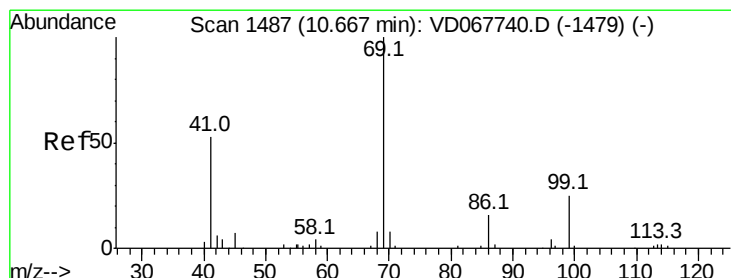
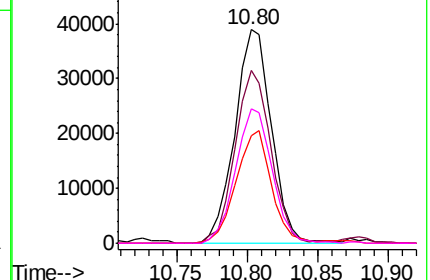
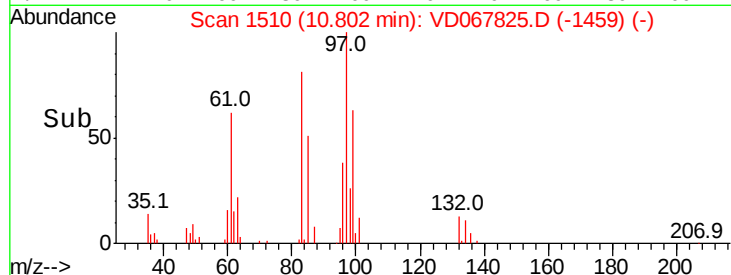


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 54.289 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

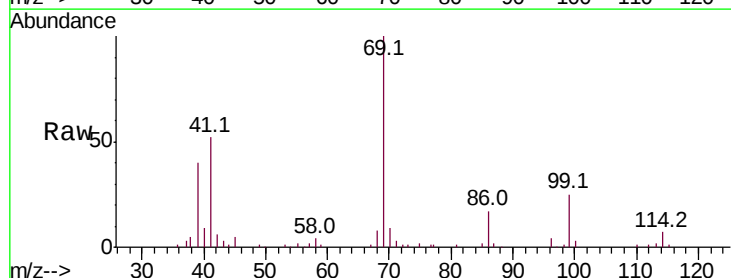
Tgt Ion: 69 Resp: 78410

Ion Ratio Lower Upper

69 100

41 53.4 43.4 65.0

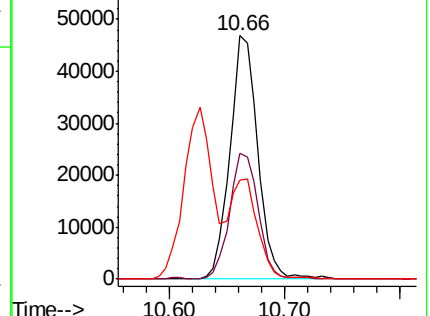
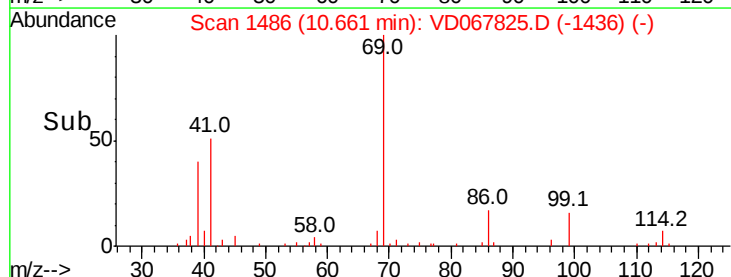
39 37.7 29.6 44.4

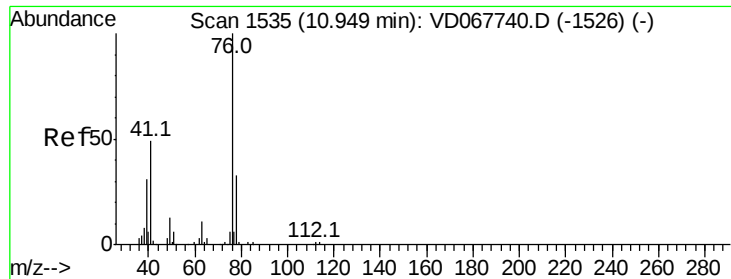


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 49.856 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

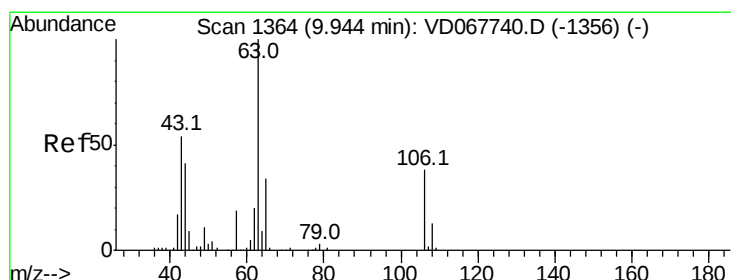
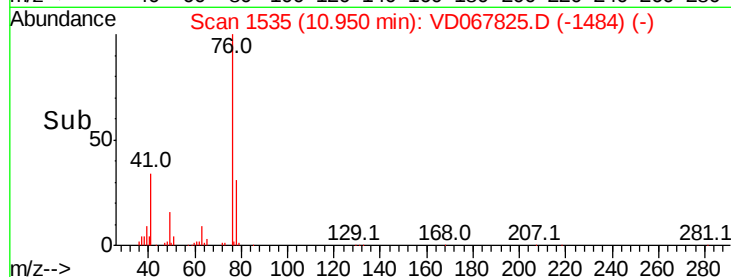
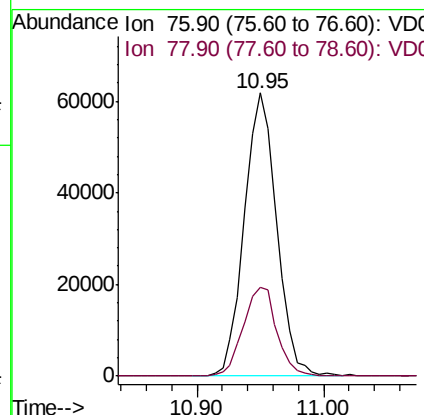
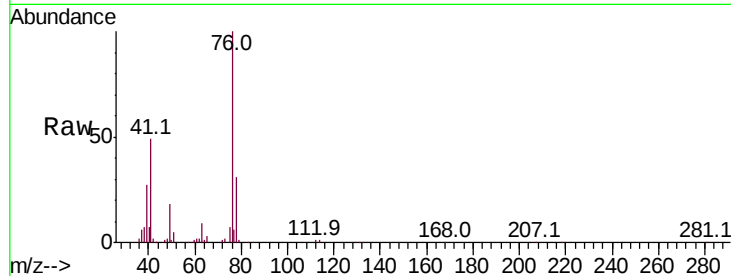
Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 76 Resp: 109661

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 78  | 32.5  | 25.7  | 38.5  |



#58

2-Chloroethyl Vinyl ether

Concen: 294.921 ug/l

RT: 9.94 min Scan# 1364

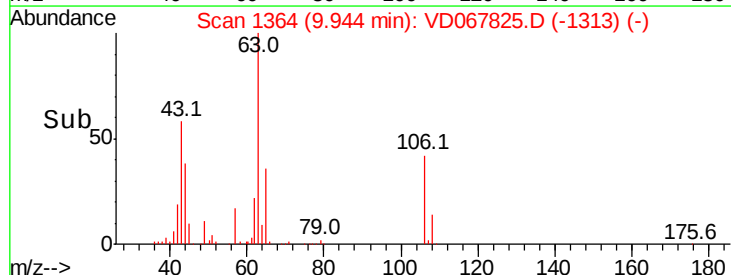
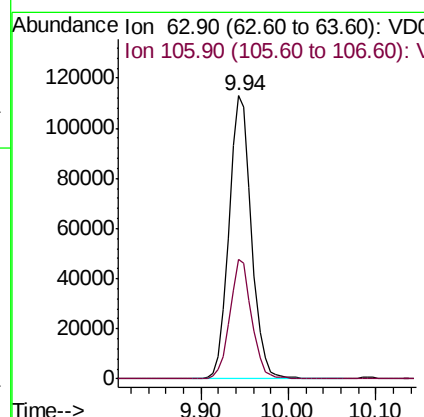
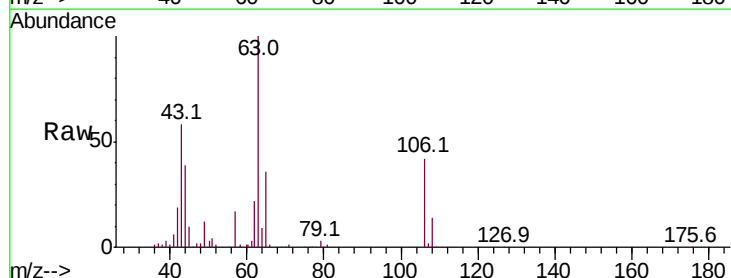
Delta R.T. 0.00 min

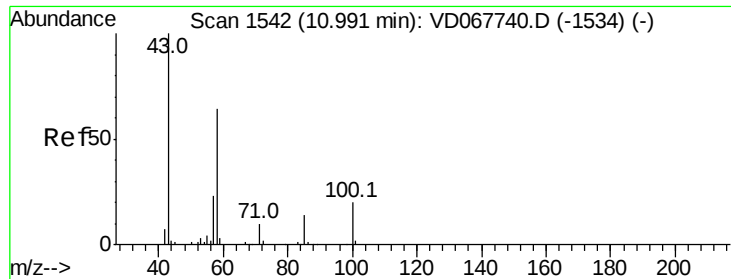
Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Tgt Ion: 63 Resp: 199028

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 106 | 41.0  | 31.0  | 46.6  |

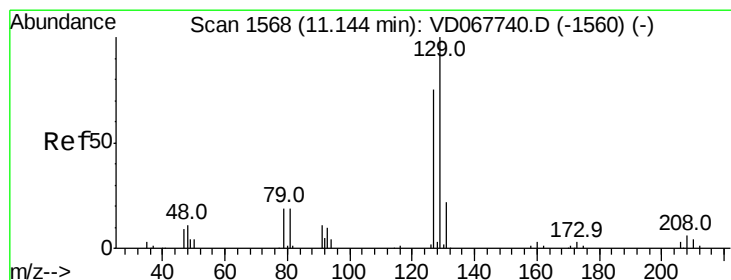
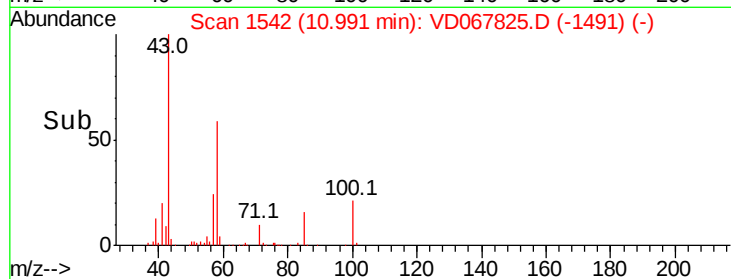
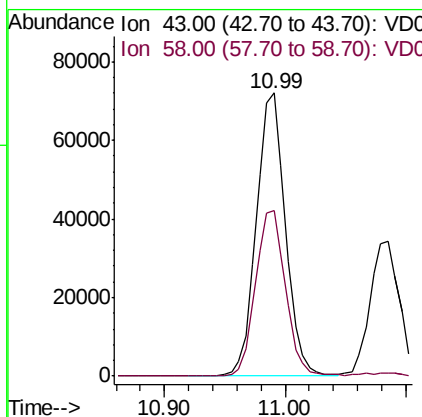
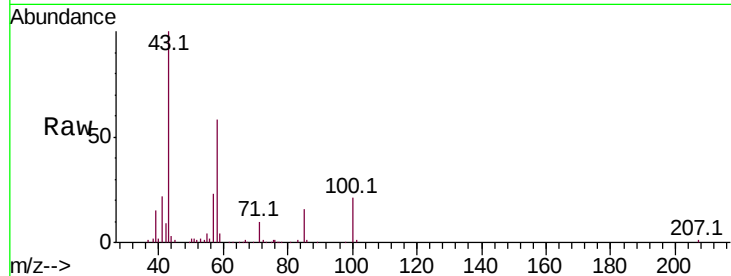




#59  
2-Hexanone  
Concen: 249.895 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

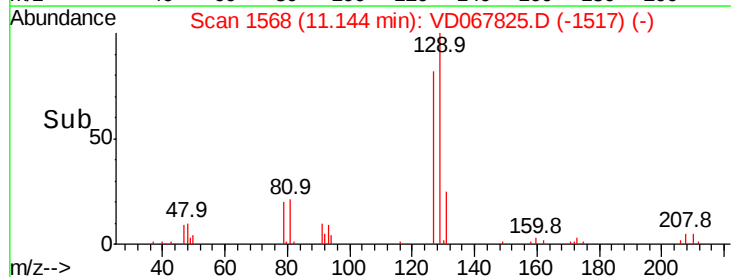
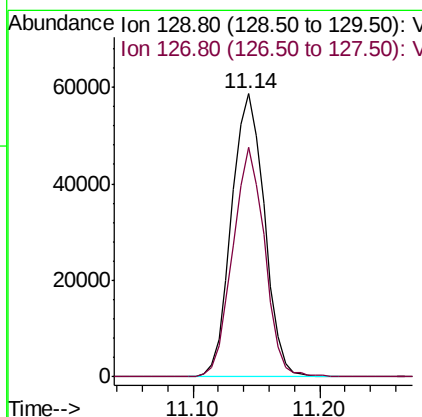
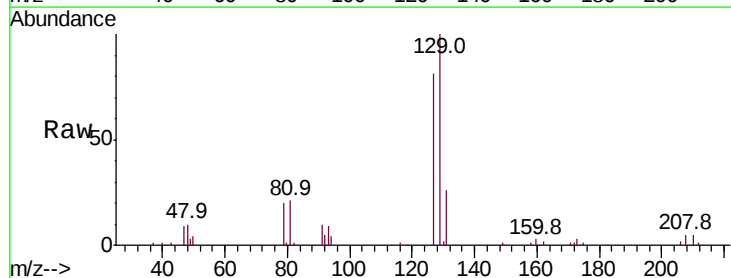
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

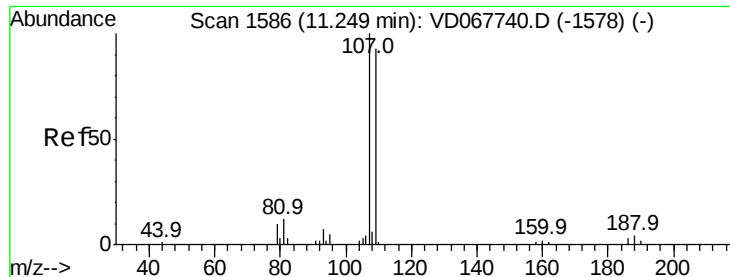
Tot Ion: 43 Resp: 120811  
Ion Ratio Lower Upper  
43 100  
58 60.0 30.5 91.5



#60  
Dibromochloromethane  
Concen: 49.571 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Tgt Ion: 129 Resp: 105379  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.6 115.7

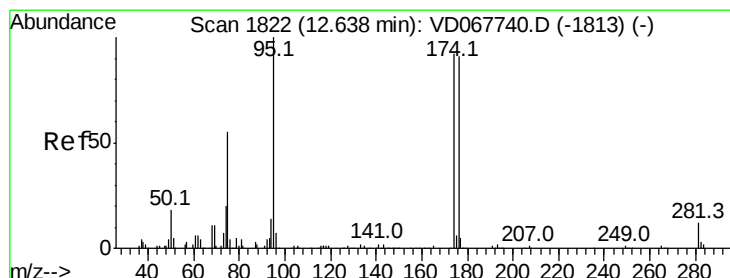
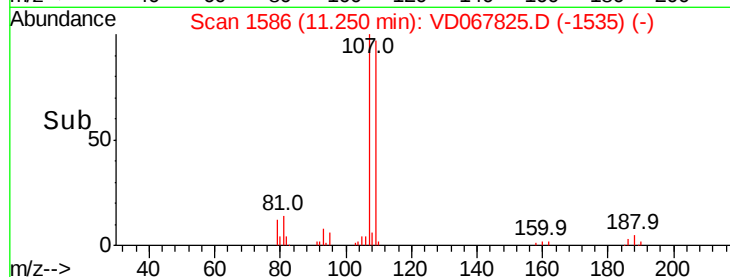
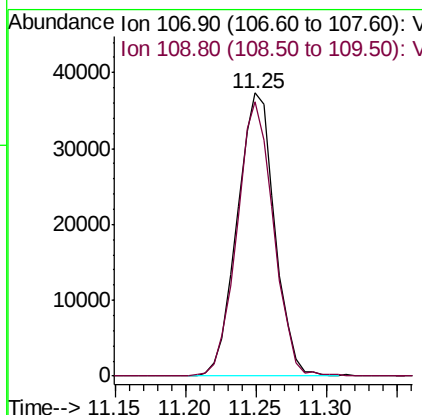
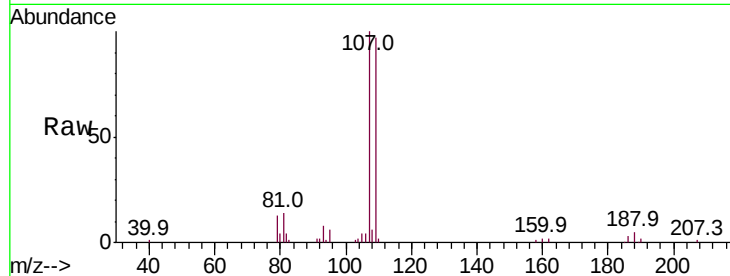




#61  
 1,2-Dibromoethane  
 Concen: 50.170 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD067825.D  
 Acq: 30 Nov 2020 20:10

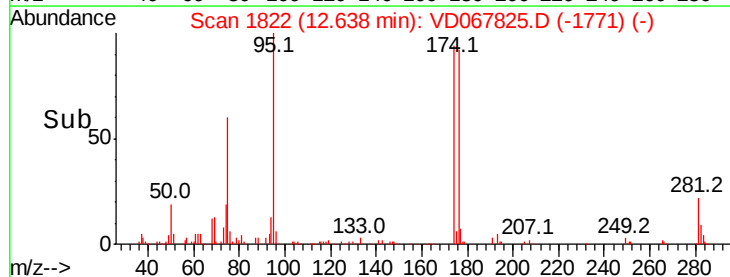
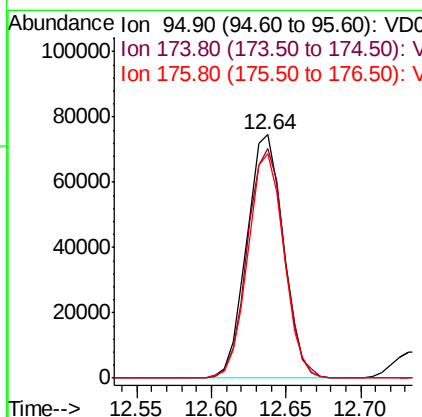
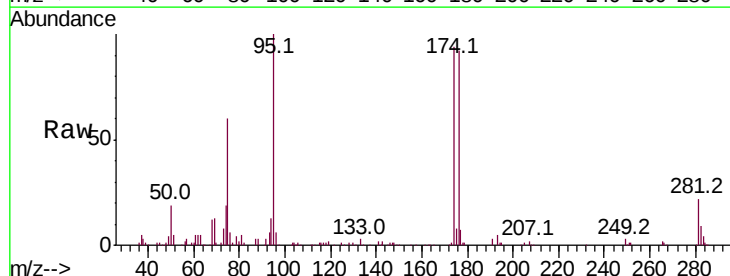
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

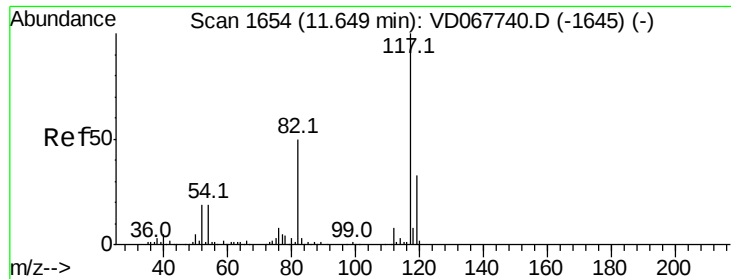
Tot Ion:107 Resp: 68961  
 Ion Ratio Lower Upper  
 107 100  
 109 94.6 75.1 112.7



#62  
 4-Bromofluorobenzene  
 Concen: 50.413 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD067825.D  
 Acq: 30 Nov 2020 20:10

Tgt Ion: 95 Resp: 126613  
 Ion Ratio Lower Upper  
 95 100  
 174 94.7 0.0 182.4  
 176 90.6 0.0 178.2

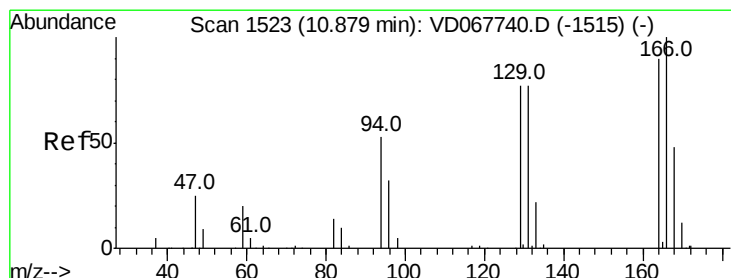
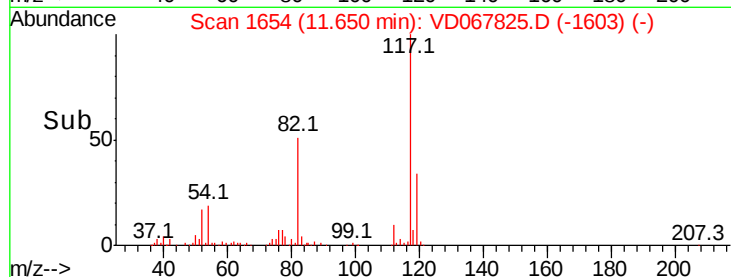
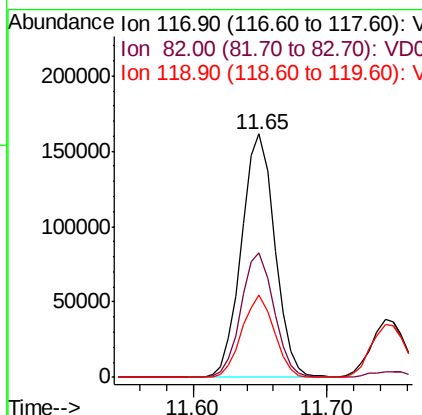
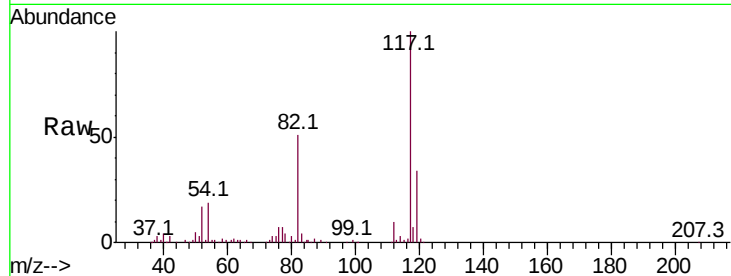




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

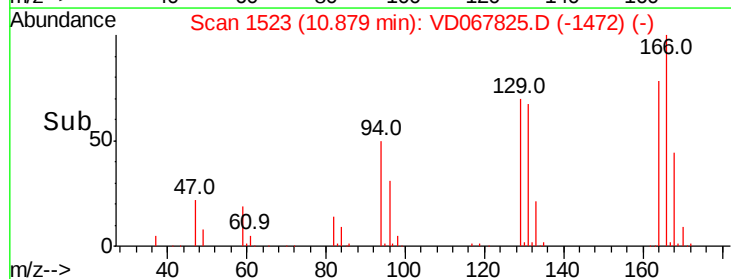
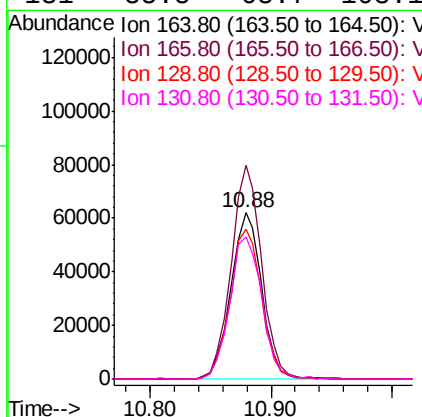
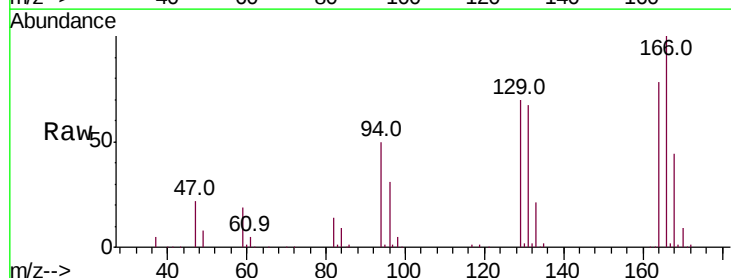
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

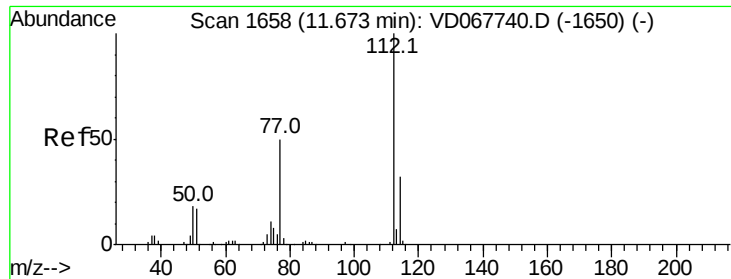
Tot Ion:117 Resp: 279042  
Ion Ratio Lower Upper  
117 100  
82 51.2 40.2 60.4  
119 34.0 26.5 39.7



#64  
Tetrachloroethene  
Concen: 50.886 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Tgt Ion:164 Resp: 110206  
Ion Ratio Lower Upper  
164 100  
166 128.5 89.2 133.8  
129 90.0 68.4 102.6  
131 85.5 68.7 103.1





#65

Chlorobenzene

Concen: 51.396 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

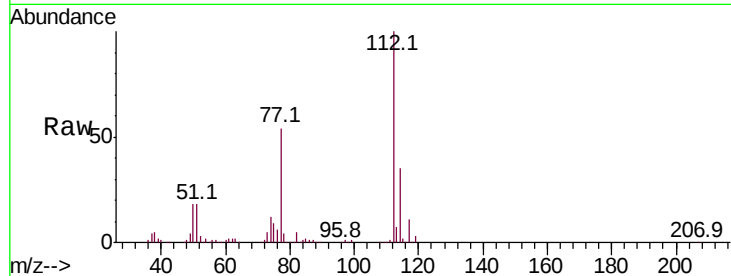
VSTDCCC050EC

Tot Ion:112 Resp: 281874

Ion Ratio Lower Upper

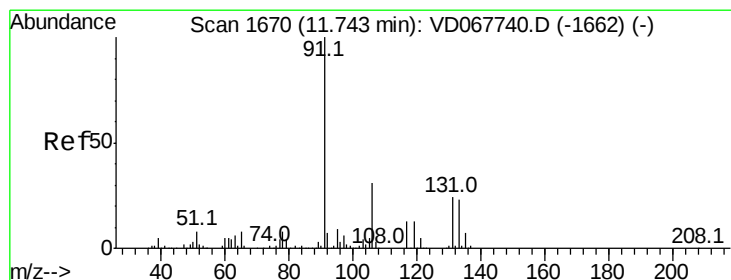
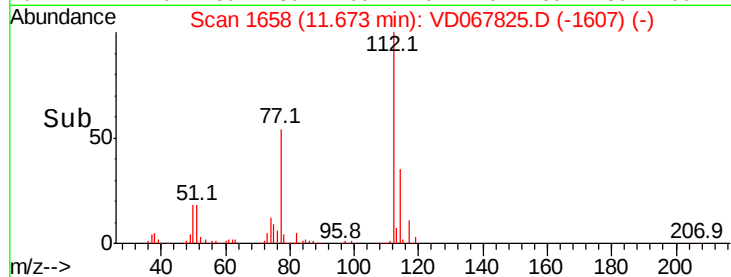
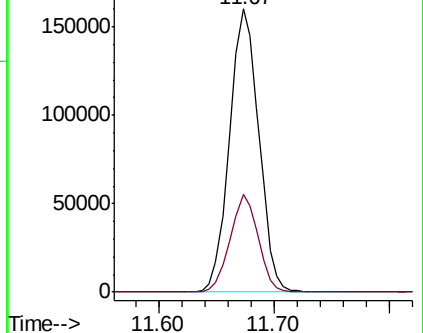
112 100

114 34.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.263 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

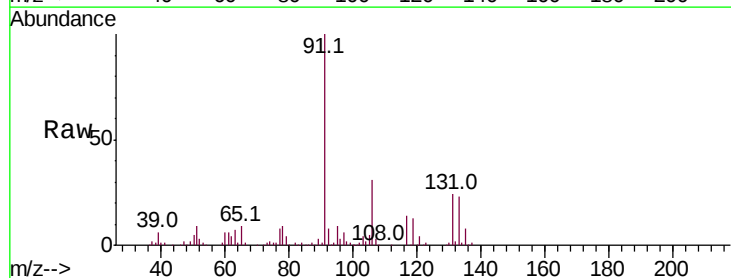
Tgt Ion:131 Resp: 115944

Ion Ratio Lower Upper

131 100

133 96.2 49.0 147.0

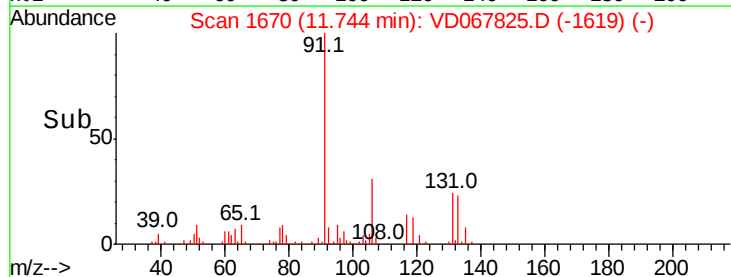
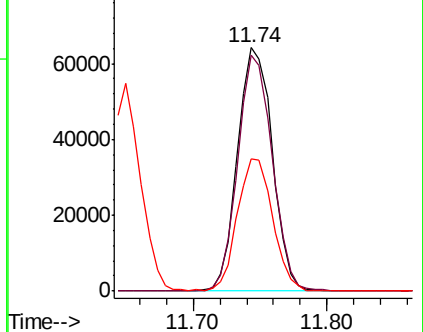
119 55.3 28.8 86.5

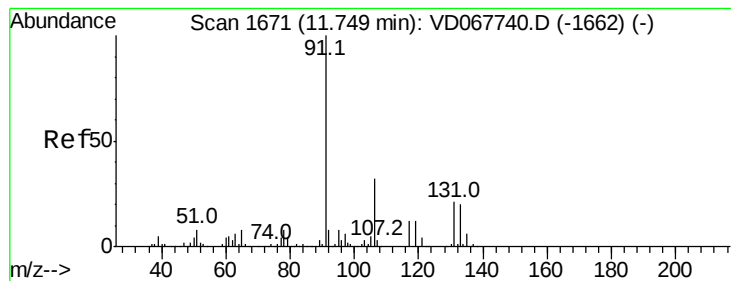


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.509 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

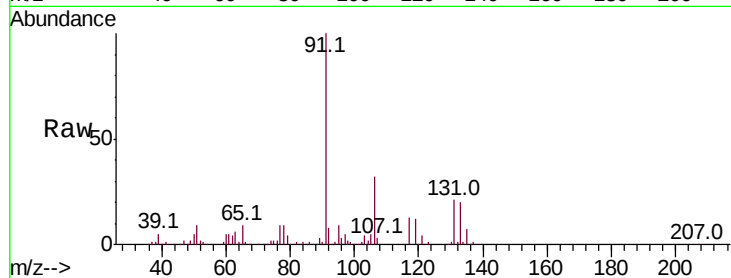
VSTDCCC050EC

Tot Ion: 91 Resp: 487689

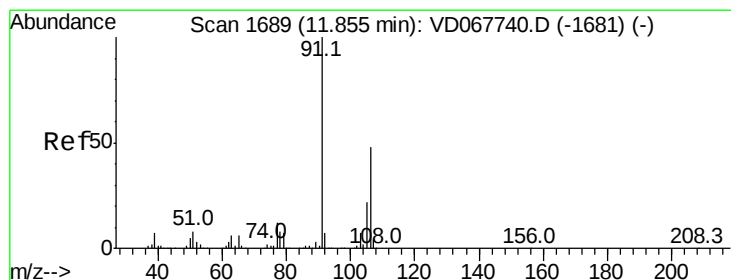
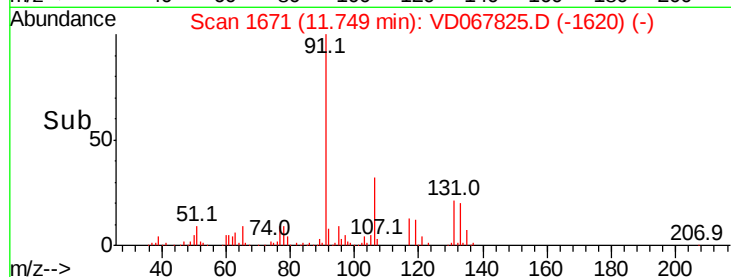
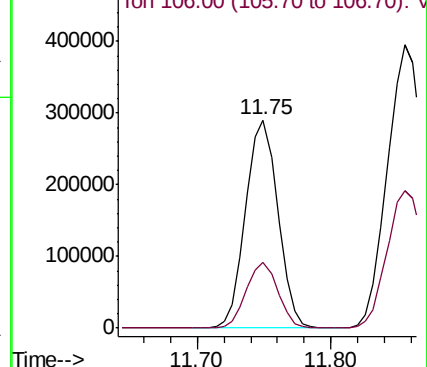
Ion Ratio Lower Upper

91 100

106 31.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC



#68

m/p-Xylenes

Concen: 102.122 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067825.D

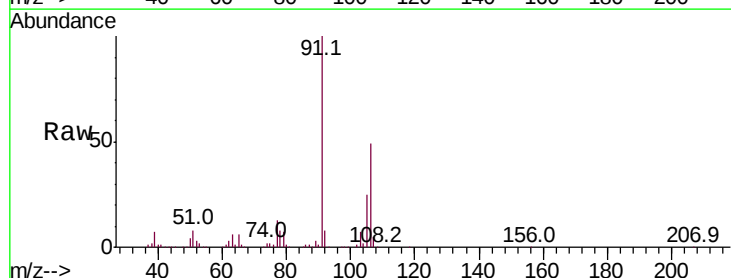
Acq: 30 Nov 2020 20:10

Tgt Ion: 106 Resp: 376263

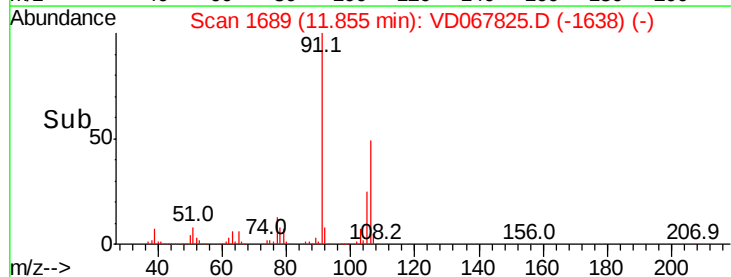
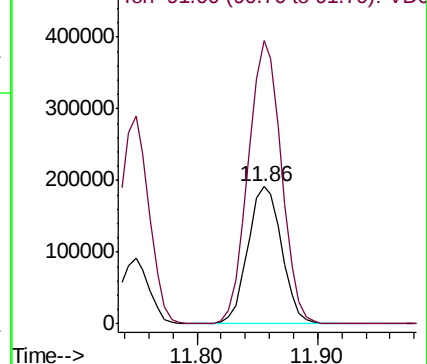
Ion Ratio Lower Upper

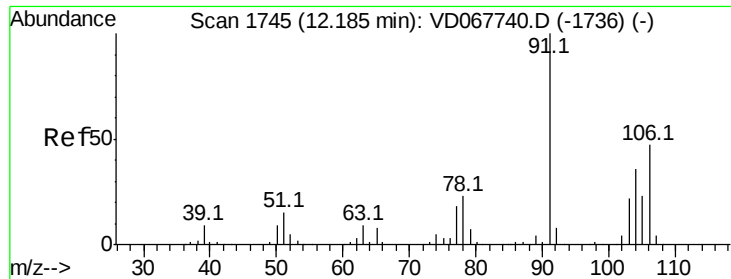
106 100

91 201.9 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): VDC

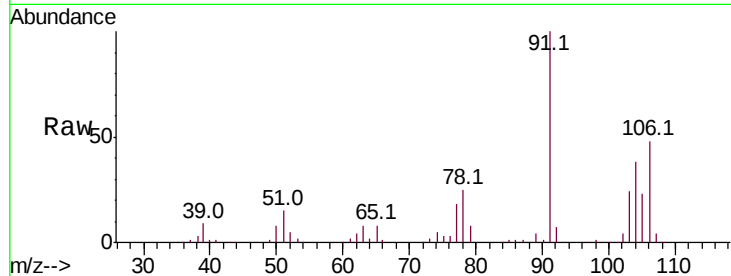




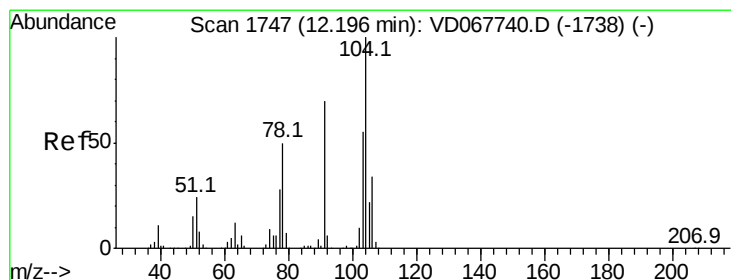
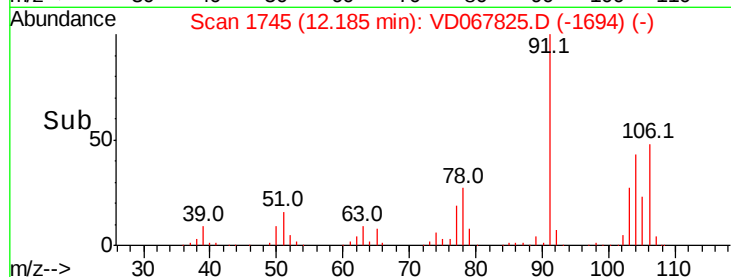
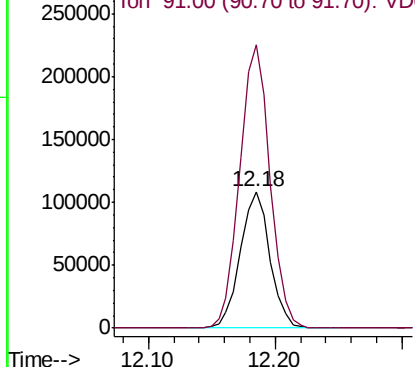
#69  
o-Xylene  
Concen: 52.463 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 175994  
Ion Ratio Lower Upper  
106 100  
91 211.4 106.2 318.6

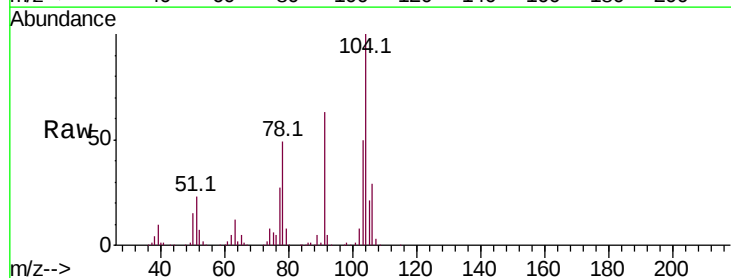


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VDC

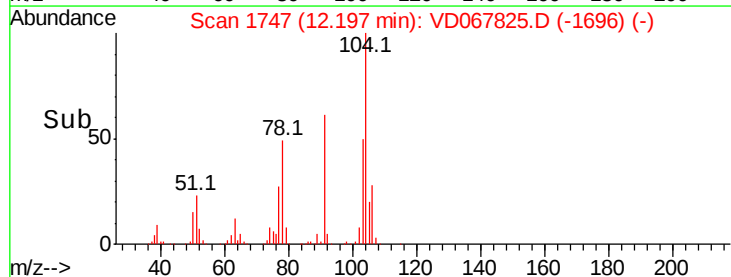
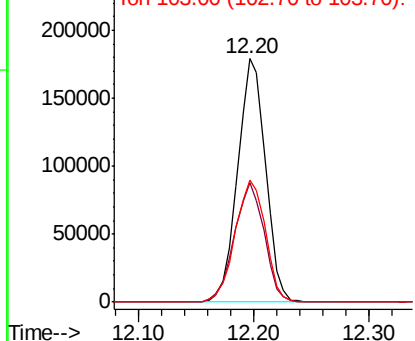


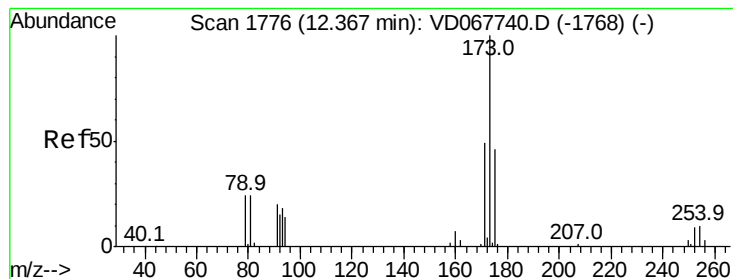
#70  
Styrene  
Concen: 52.450 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Tgt Ion:104 Resp: 299698  
Ion Ratio Lower Upper  
104 100  
78 52.2 41.9 62.9  
103 54.6 44.1 66.1



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





#71

Bromoform

Concen: 52.123 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

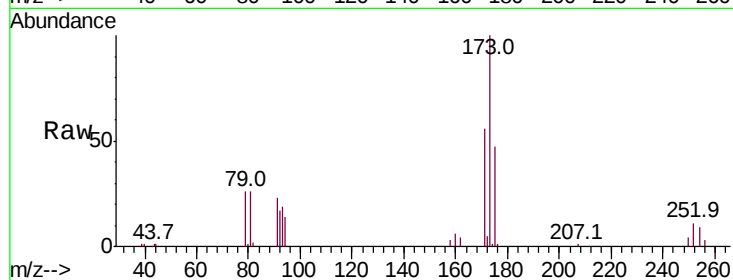
Tot Ion:173 Resp: 62772

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.7

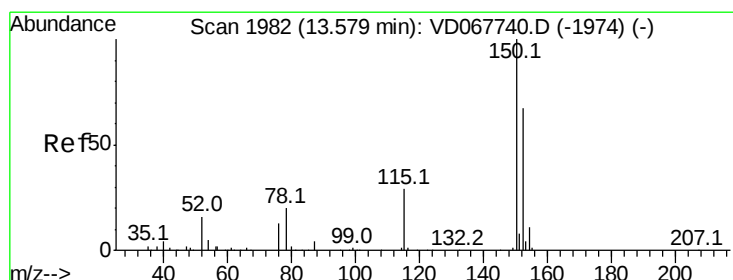
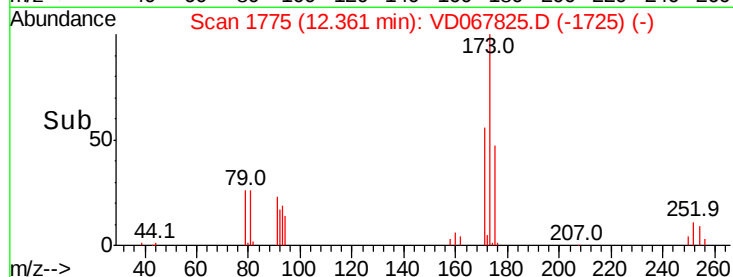
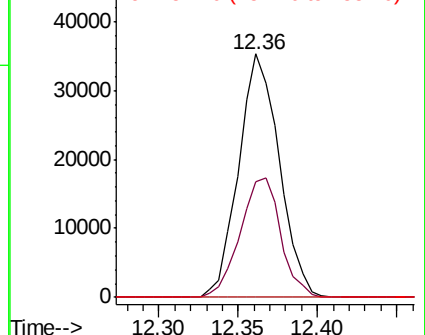
254 0.0 0.0 0.0



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: VD067825.D

Acq: 30 Nov 2020 20:10

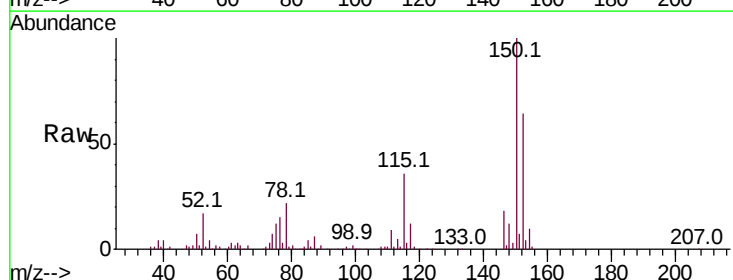
Tgt Ion:152 Resp: 148883

Ion Ratio Lower Upper

152 100

115 58.7 29.4 88.3

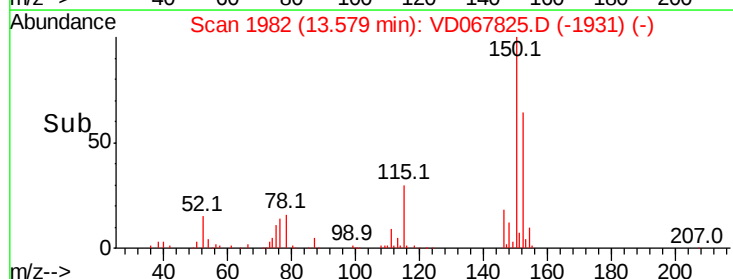
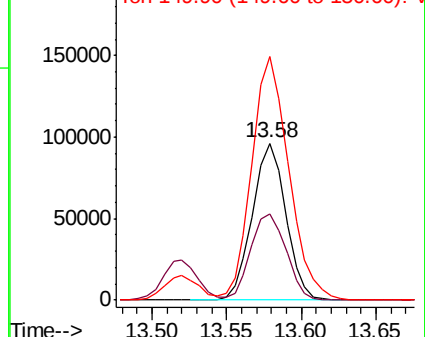
150 171.8 0.0 340.6

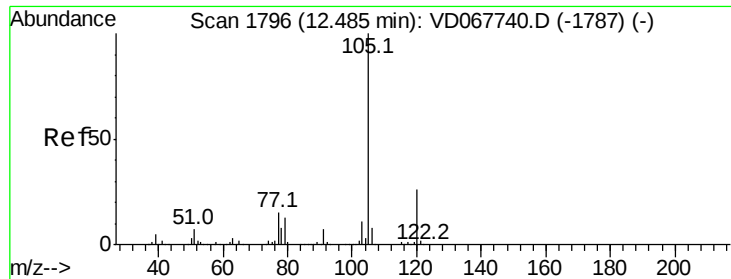


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.494 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

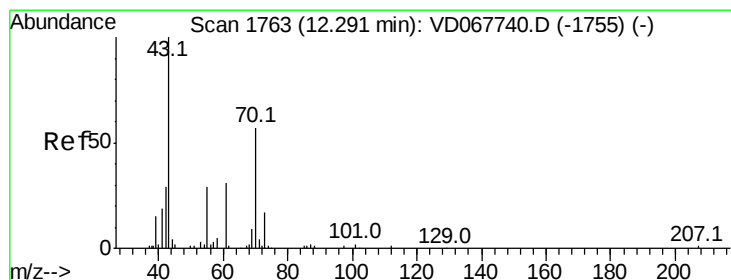
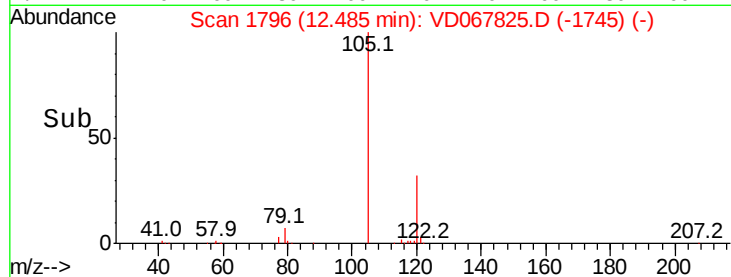
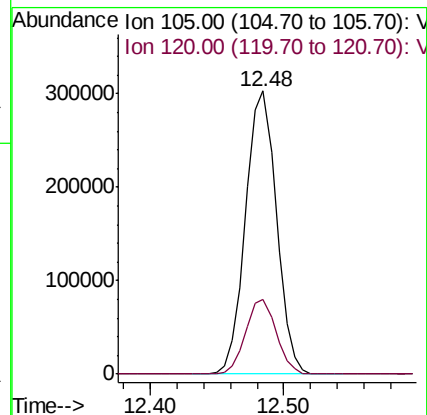
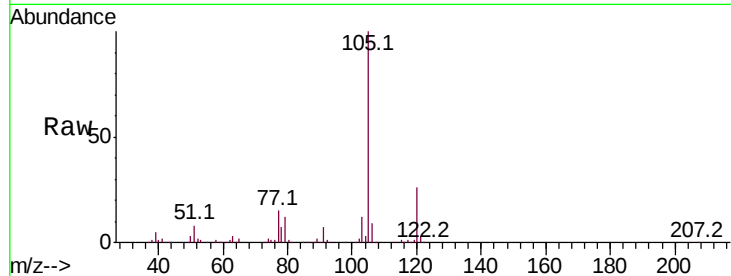
VSTDCCC050EC

Tot Ion:105 Resp: 484838

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 49.216 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Tgt Ion: 43 Resp: 63578

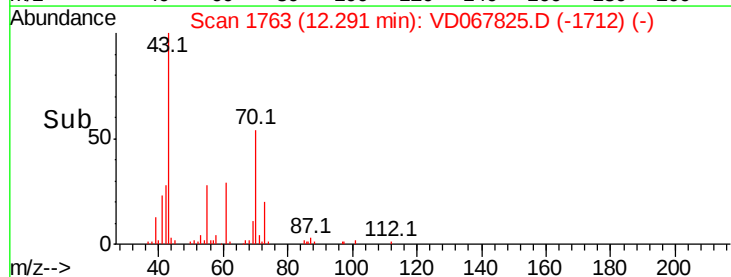
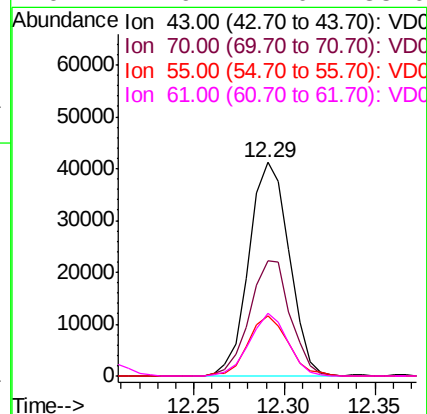
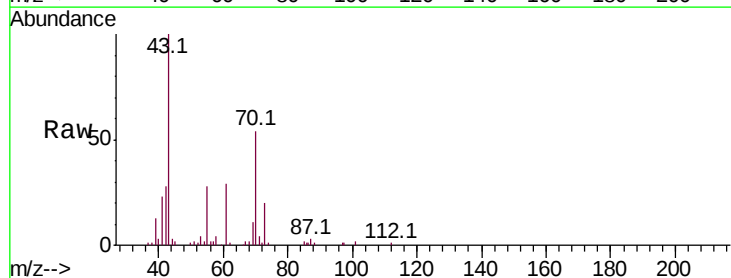
Ion Ratio Lower Upper

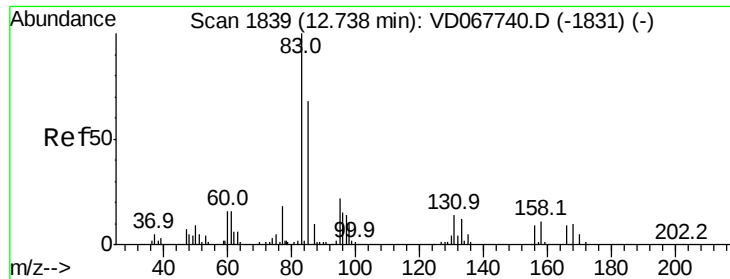
43 100

70 54.8 44.6 66.8

55 28.2 24.2 36.2

61 27.9 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.157 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

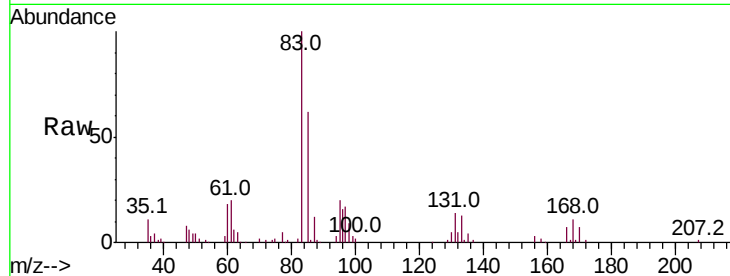
Tot Ion: 83 Resp: 65939

Ion Ratio Lower Upper

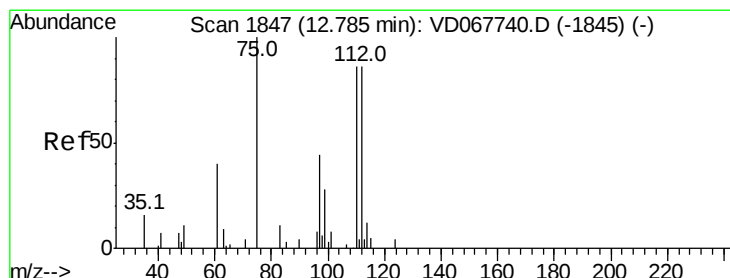
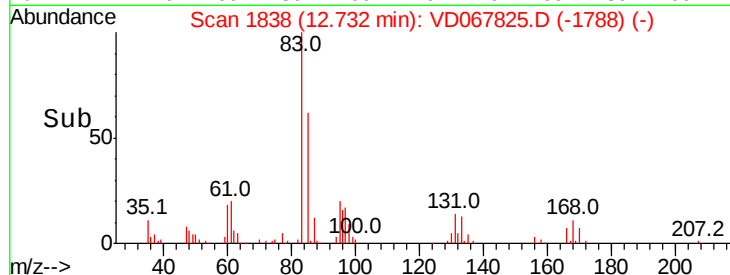
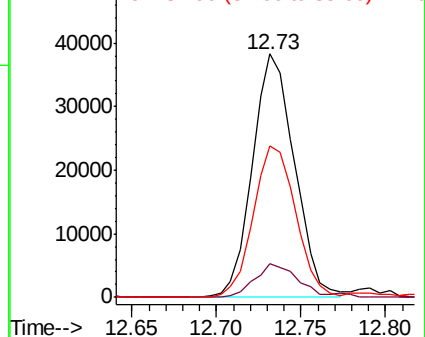
83 100

131 14.7 8.1 24.1

85 62.9 33.9 101.7



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 130.80 (130.50 to 131.50): VDC  
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 93.015 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067825.D

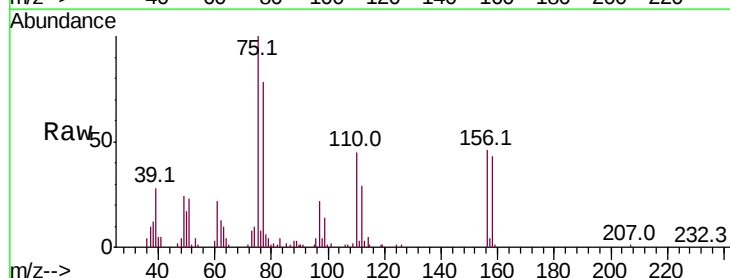
Acq: 30 Nov 2020 20:10

Tgt Ion: 75 Resp: 96516

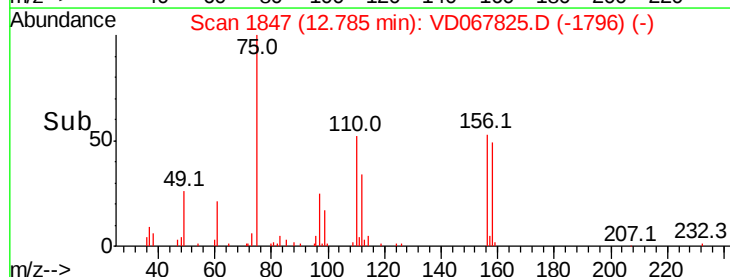
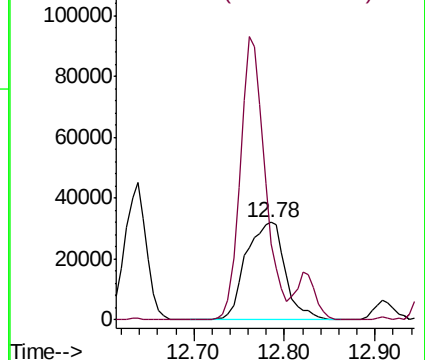
Ion Ratio Lower Upper

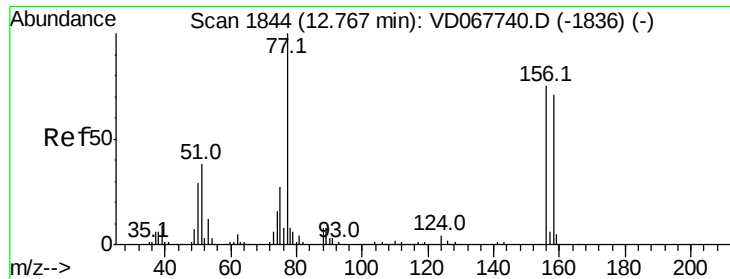
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC  
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.134 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

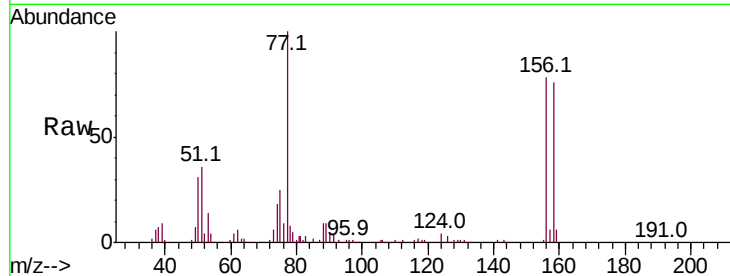
Tot Ion:156 Resp: 125388

Ion Ratio Lower Upper

156 100

77 141.3 73.5 220.3

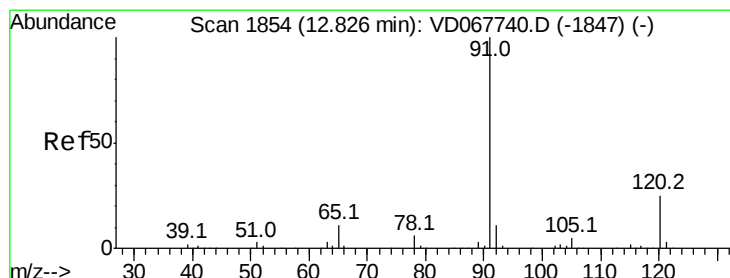
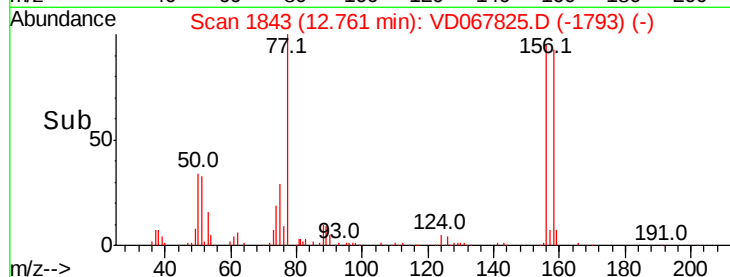
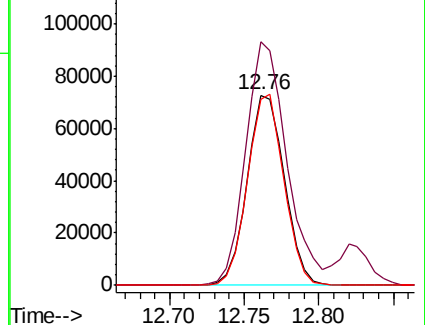
158 97.7 48.1 144.4



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: 50.792 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067825.D

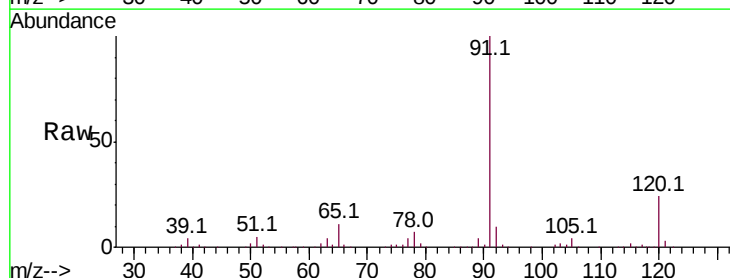
Acq: 30 Nov 2020 20:10

Tgt Ion: 91 Resp: 553550

Ion Ratio Lower Upper

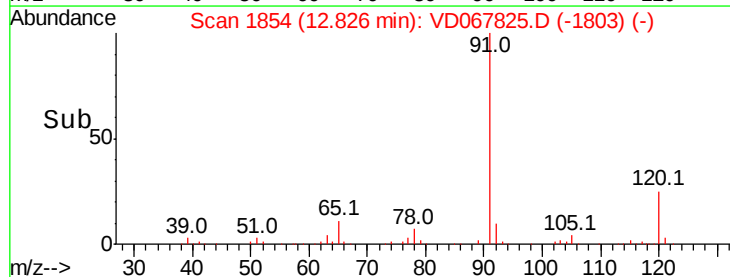
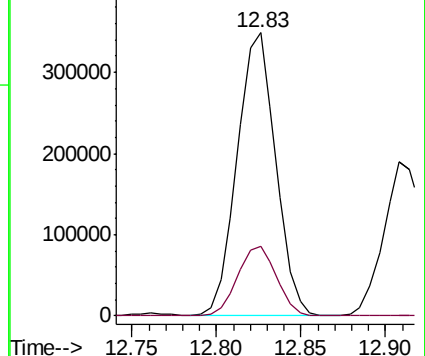
91 100

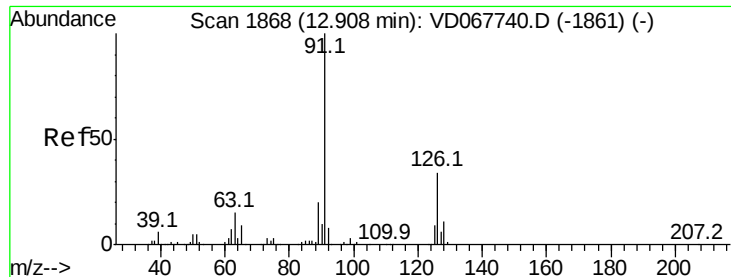
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

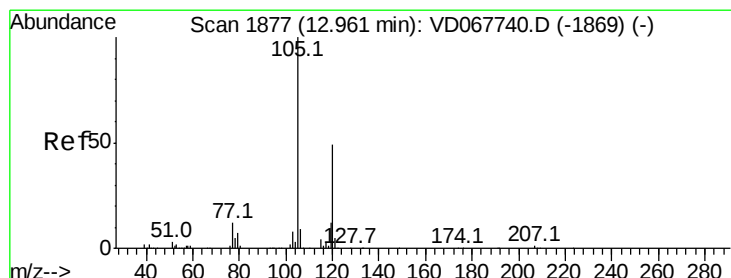
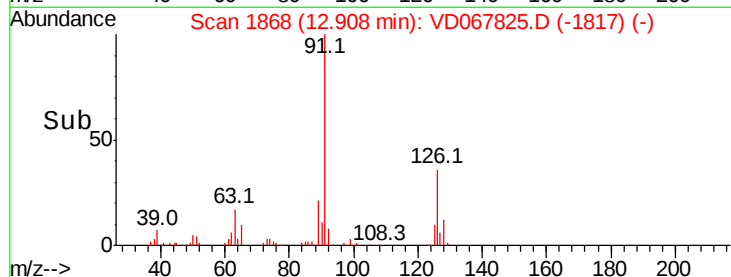
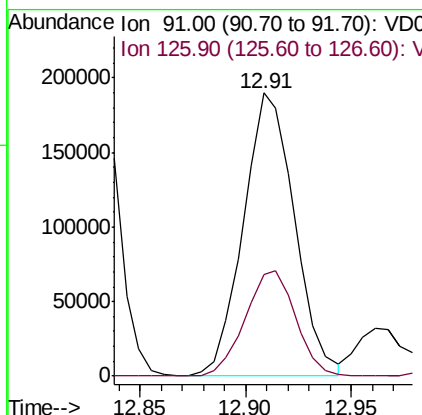
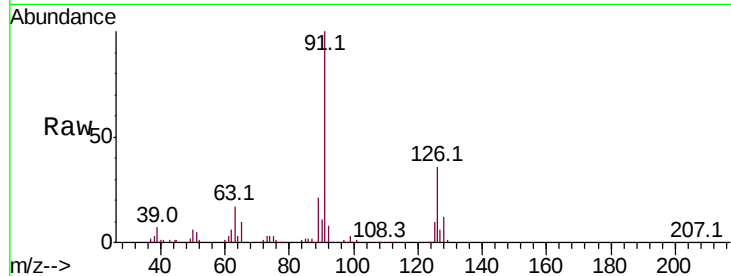




#79  
 2-Chlorotoluene  
 Concen: 49.348 ug/l  
 RT: 12.91 min Scan# 1868  
 Delta R.T. 0.00 min  
 Lab File: VD067825.D  
 Acq: 30 Nov 2020 20:10

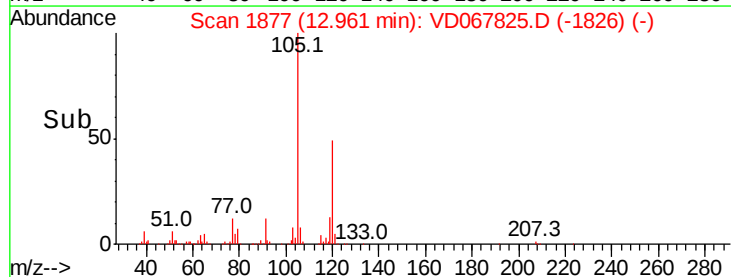
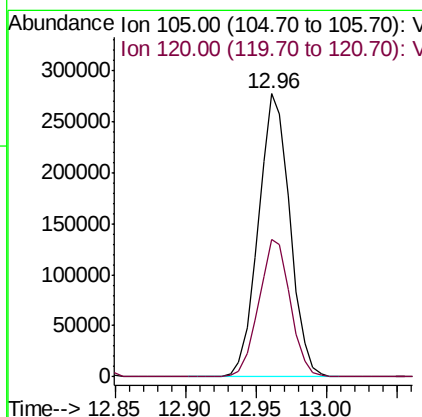
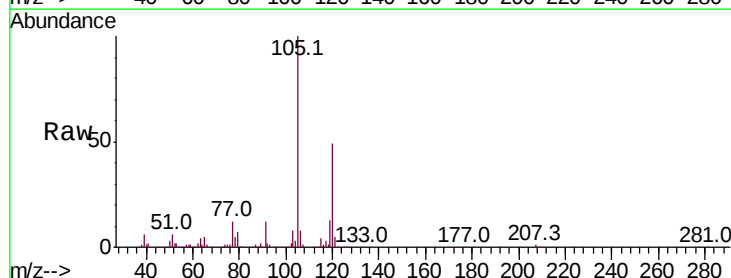
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

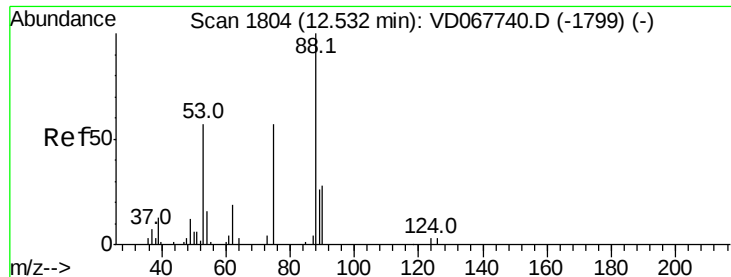
Tot Ion: 91 Resp: 318421  
 Ion Ratio Lower Upper  
 91 100  
 126 36.9 17.9 53.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.003 ug/l  
 RT: 12.96 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VD067825.D  
 Acq: 30 Nov 2020 20:10

Tgt Ion: 105 Resp: 434550  
 Ion Ratio Lower Upper  
 105 100  
 120 48.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 50.892 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

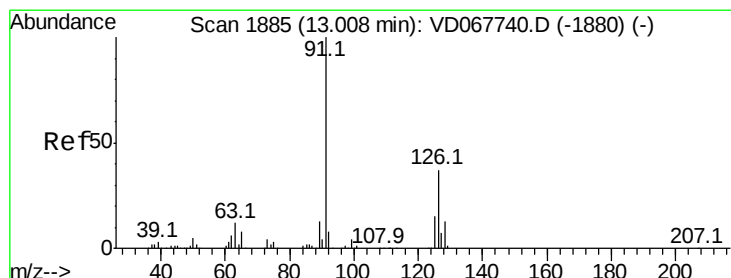
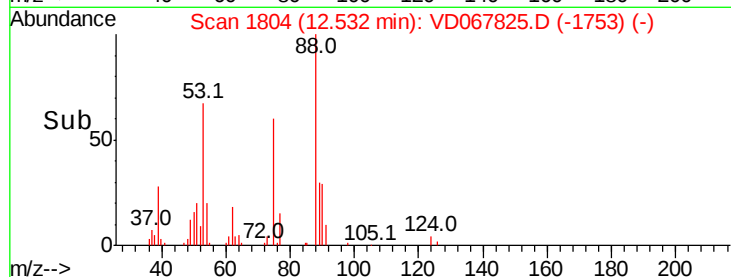
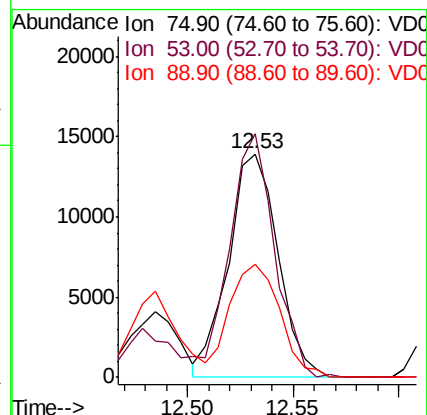
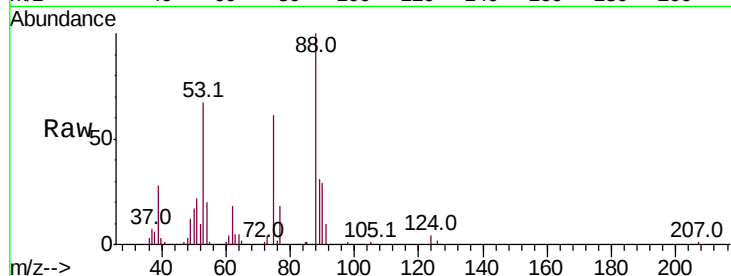
MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 22578

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 100.8 | 76.0  | 114.0 |
| 89  | 51.7  | 40.2  | 60.4  |



#82

4-Chlorotoluene

Concen: 50.051 ug/l

RT: 13.01 min Scan# 1885

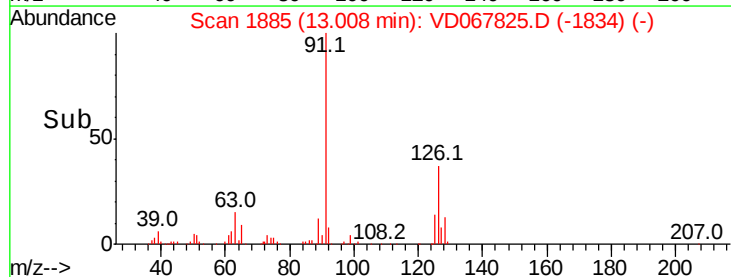
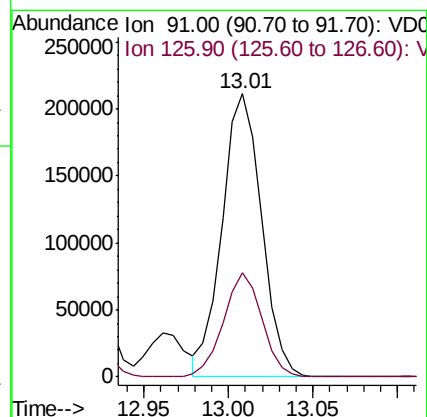
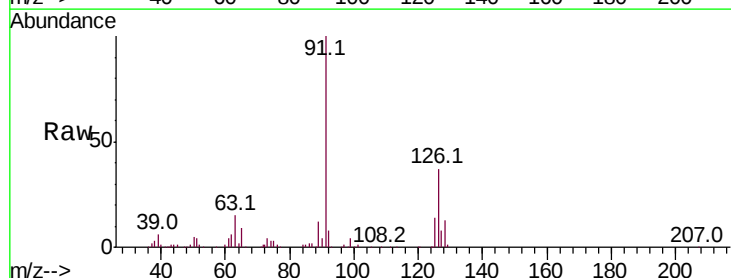
Delta R.T. 0.00 min

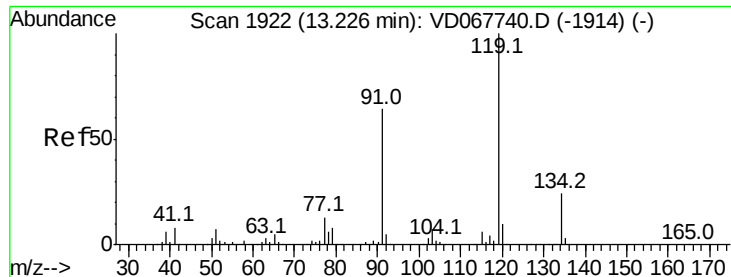
Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Tgt Ion: 91 Resp: 344119

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 35.8  | 17.7  | 53.1  |

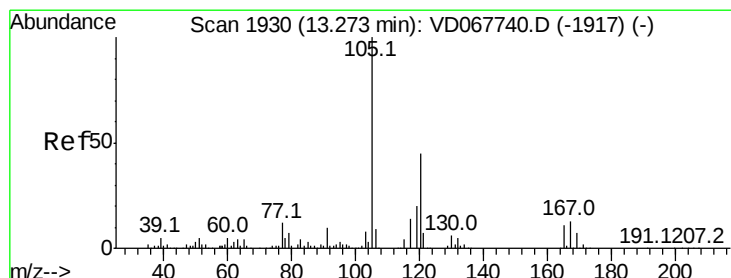
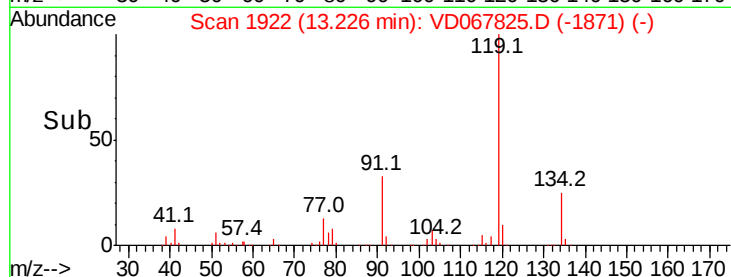
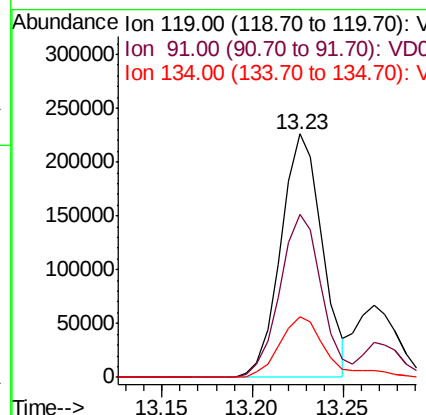
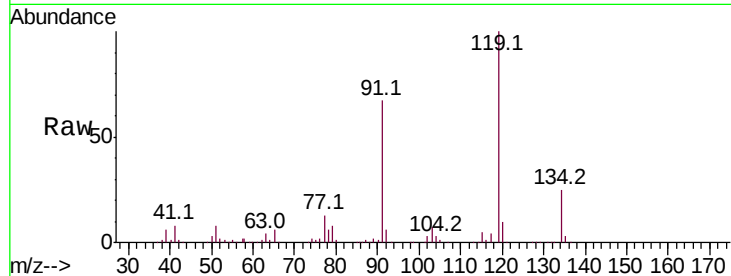




#83  
tert-Butylbenzene  
Concen: 49.238 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

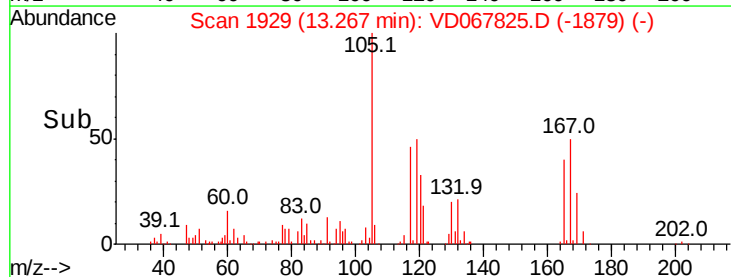
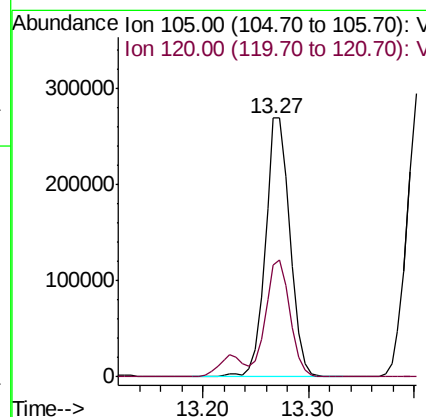
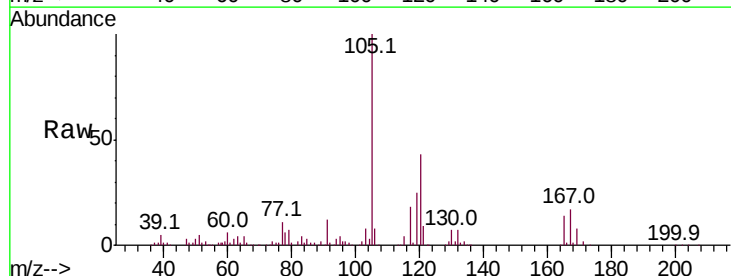
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

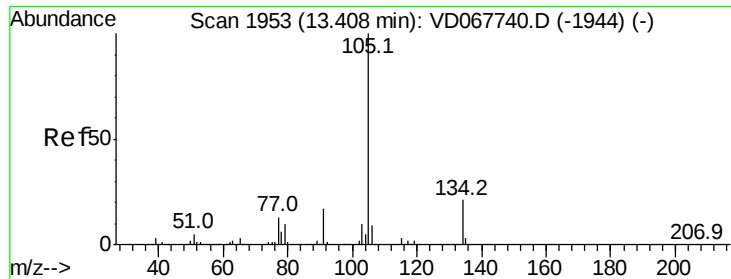
Tot Ion:119 Resp: 360488  
Ion Ratio Lower Upper  
119 100  
91 68.1 32.9 98.7  
134 28.3 12.9 38.6



#84  
1,2,4-Trimethylbenzene  
Concen: 51.132 ug/l  
RT: 13.27 min Scan# 1929  
Delta R.T. -0.01 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Tgt Ion:105 Resp: 435192  
Ion Ratio Lower Upper  
105 100  
120 44.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 48.880 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

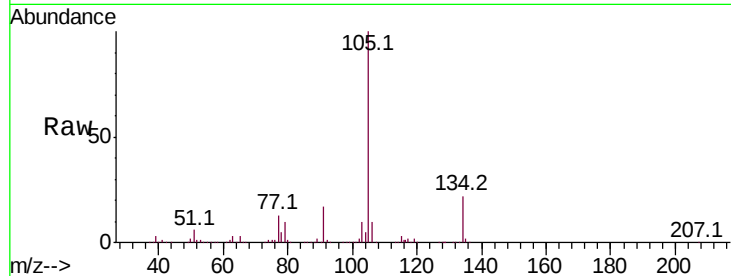
VSTDCCC050EC

Tot Ion:105 Resp: 470139

Ion Ratio Lower Upper

105 100

134 21.8 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

200000

100000

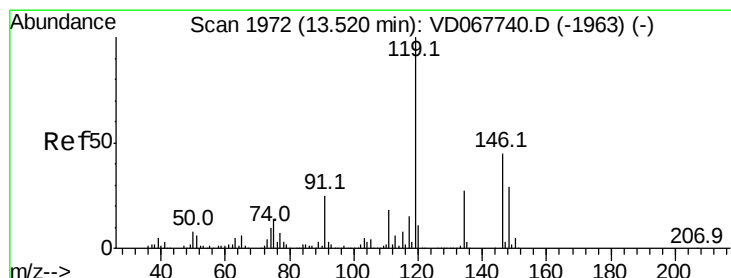
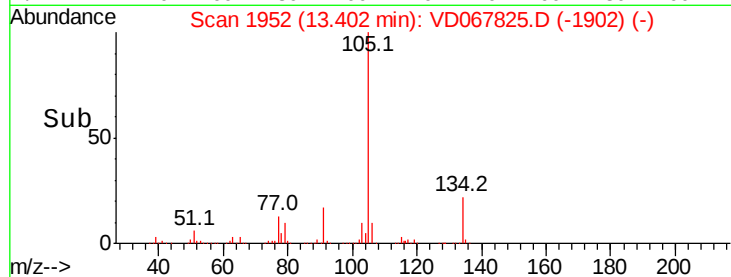
0

13.40

13.40

13.50

Time--> 13.30 13.40 13.50



#86

p-Isopropyltoluene

Concen: 49.885 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

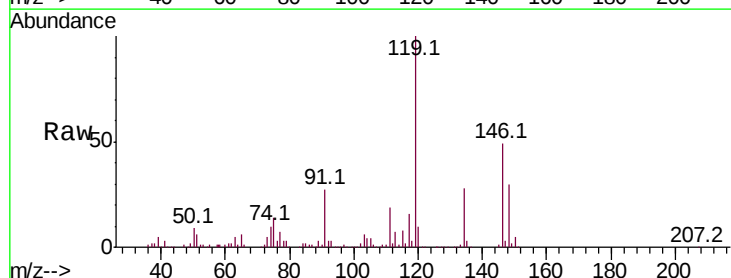
Tgt Ion:119 Resp: 464728

Ion Ratio Lower Upper

119 100

134 27.3 13.0 38.9

91 26.3 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

400000

300000

200000

100000

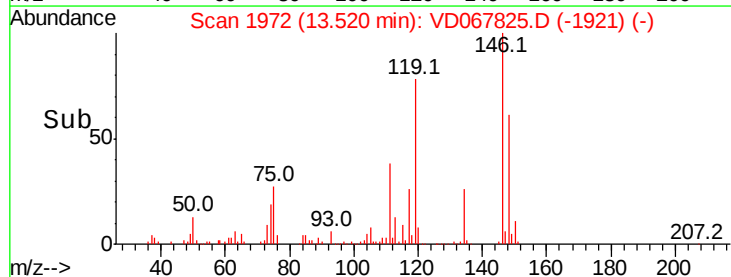
0

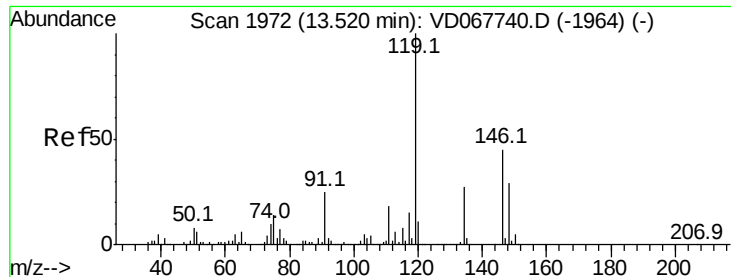
13.52

13.52

13.60

Time--> 13.45 13.50 13.55 13.60





#87

1,3-Dichlorobenzene

Concen: 49.789 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

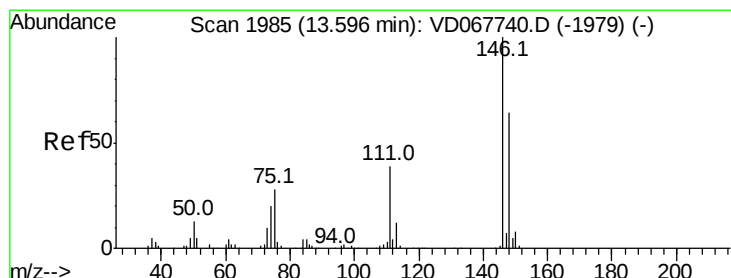
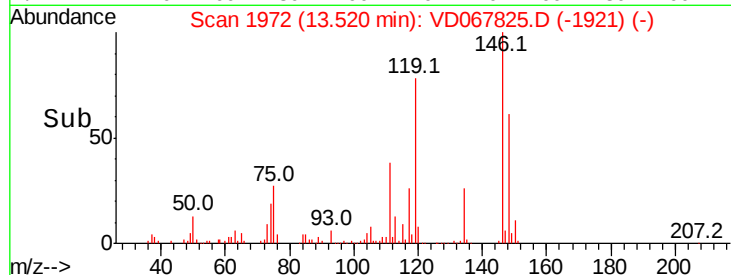
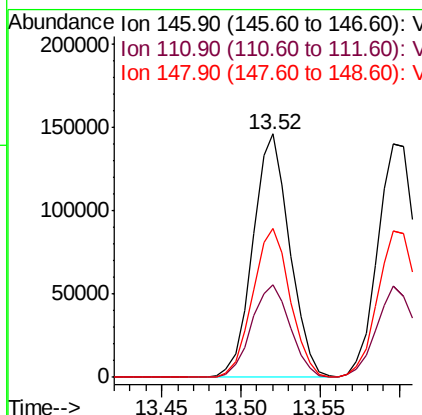
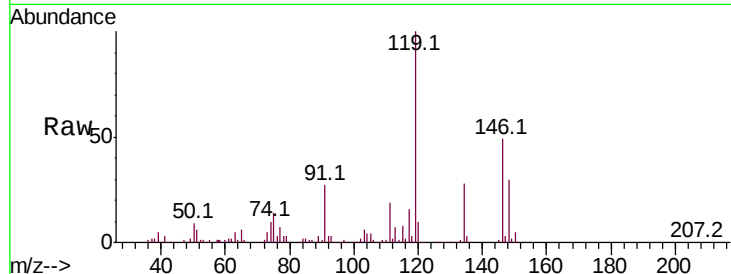
Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:146 Resp: 236287

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 39.8  | 20.2  | 60.6  |
| 148 | 62.1  | 32.5  | 97.4  |



#88

1,4-Dichlorobenzene

Concen: 50.195 ug/l

RT: 13.60 min Scan# 1985

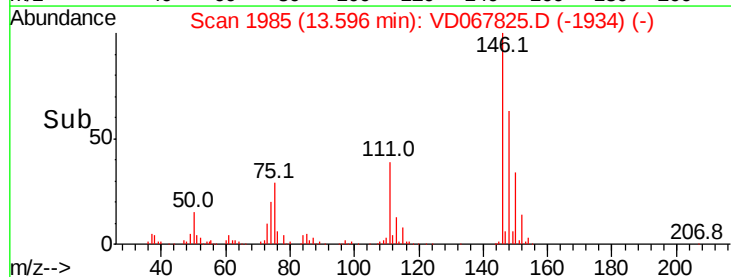
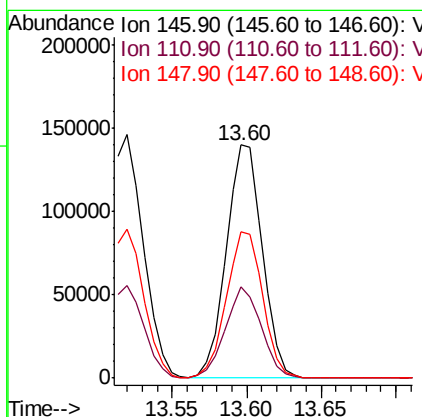
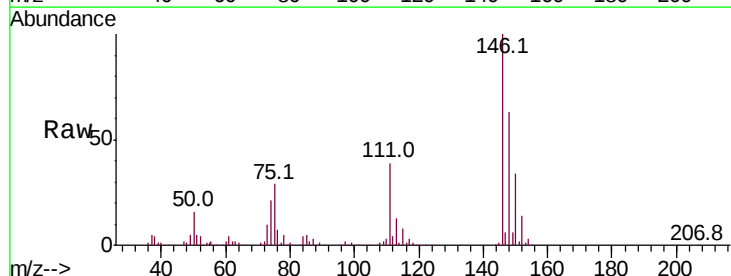
Delta R.T. 0.00 min

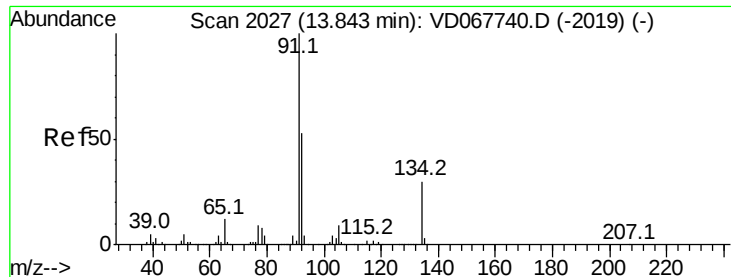
Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Tgt Ion:146 Resp: 235974

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 38.8  | 19.4  | 58.4  |
| 148 | 63.3  | 31.6  | 94.8  |

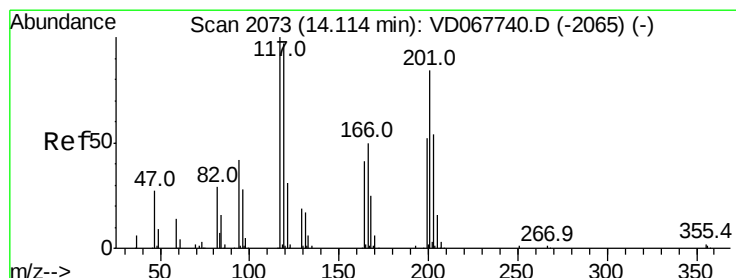
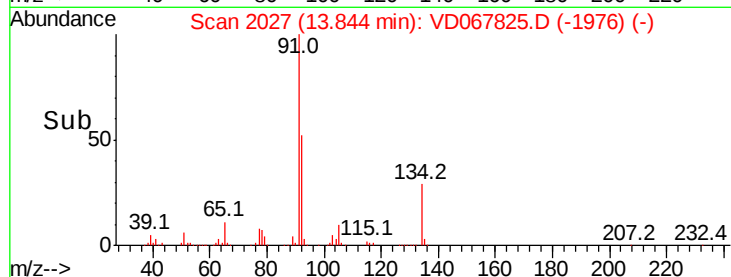
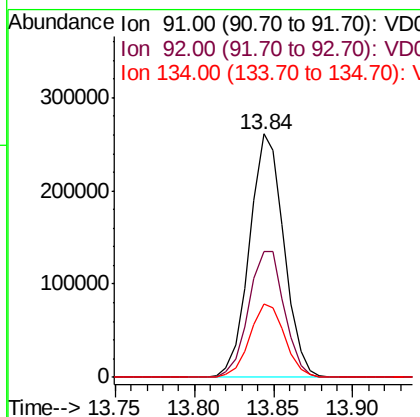
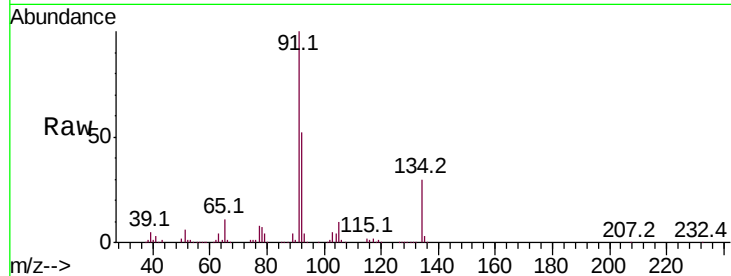




#89  
n-Butylbenzene  
Concen: 49.349 ug/l  
RT: 13.84 min Scan# 2027  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

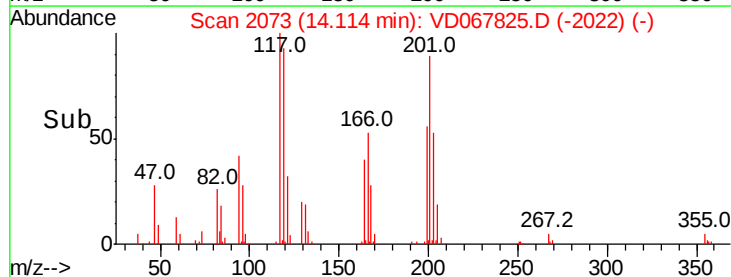
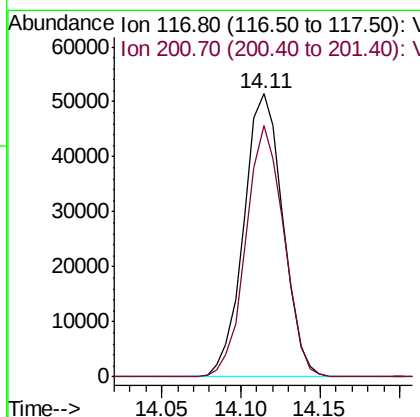
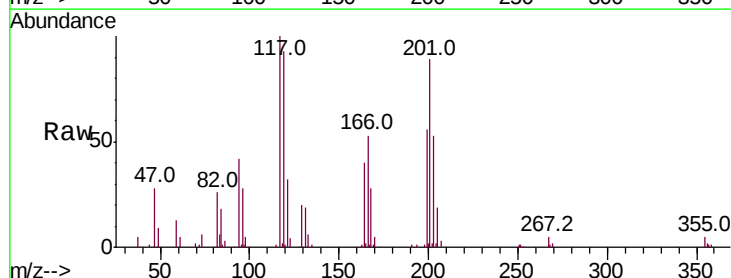
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

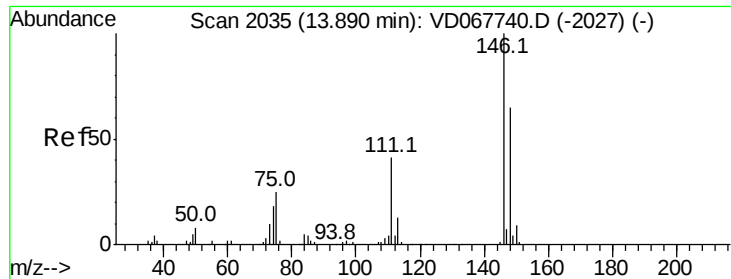
Tot Ion: 91 Resp: 393970  
Ion Ratio Lower Upper  
91 100  
92 53.7 26.6 79.7  
134 30.6 14.8 44.3



#90  
Hexachloroethane  
Concen: 49.854 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Tgt Ion: 117 Resp: 88413  
Ion Ratio Lower Upper  
117 100  
201 86.1 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 49.559 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

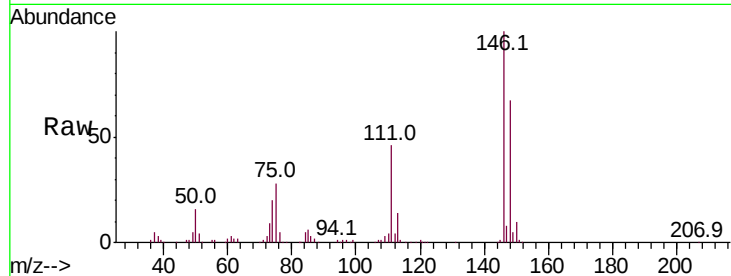
Tot Ion:146 Resp: 202609

Ion Ratio Lower Upper

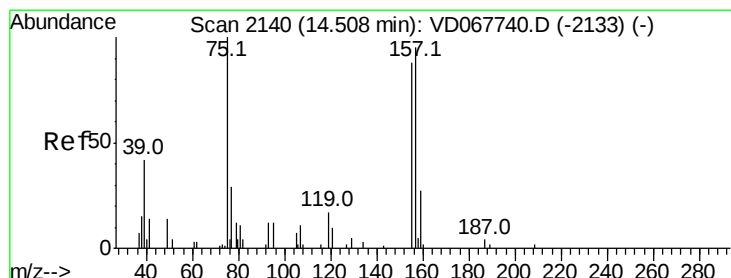
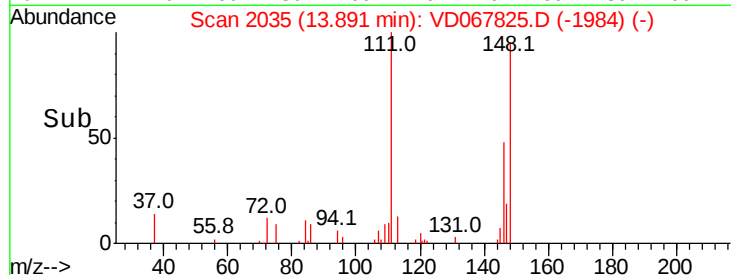
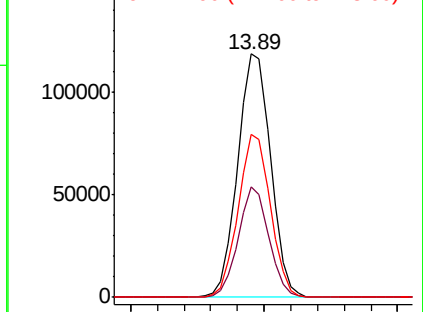
146 100

111 42.1 20.8 62.5

148 65.5 32.4 97.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.274 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.01 min

Lab File: VD067825.D

Acq: 30 Nov 2020 20:10

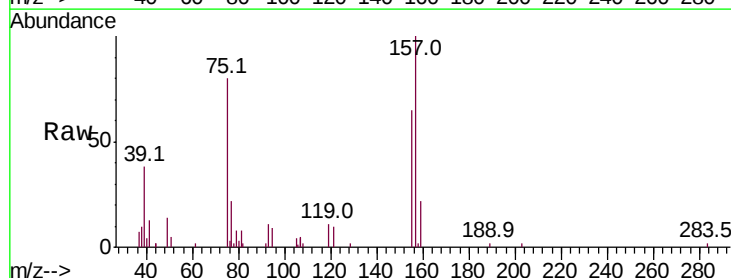
Tgt Ion: 75 Resp: 13966

Ion Ratio Lower Upper

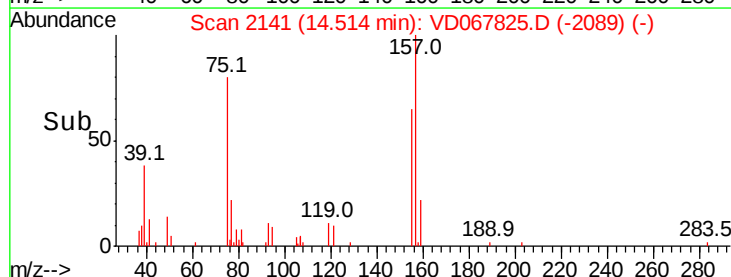
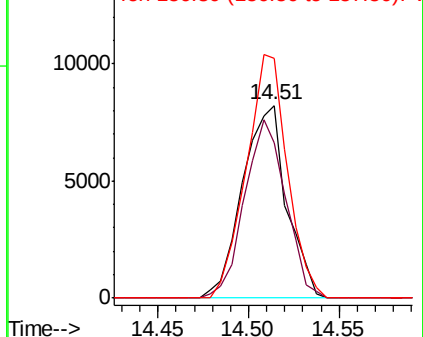
75 100

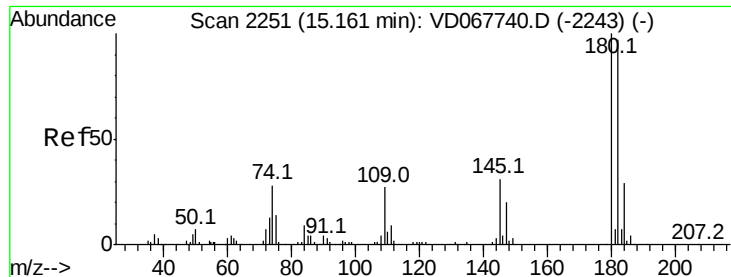
155 85.9 41.0 123.0

157 117.6 51.1 153.4



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

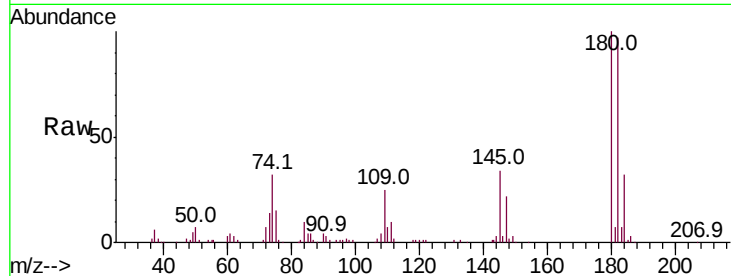




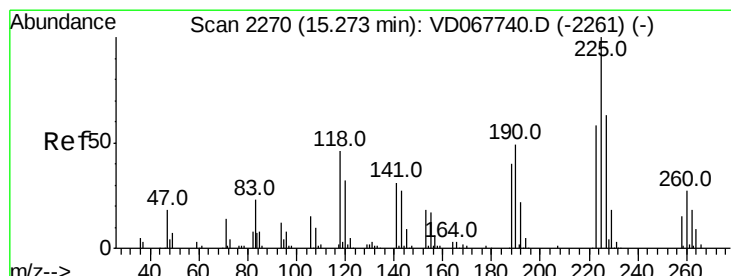
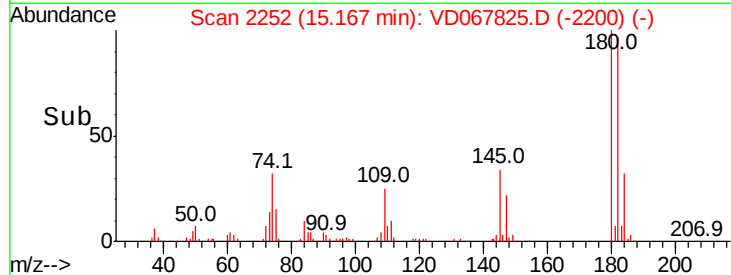
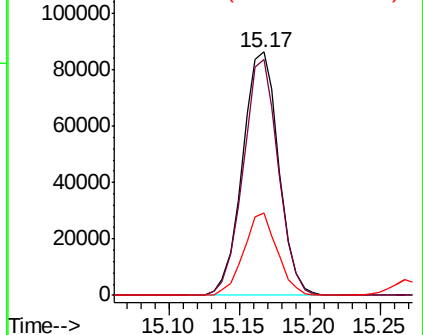
#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.475 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. 0.01 min  
 Lab File: VD067825.D  
 Acq: 30 Nov 2020 20:10

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:180 Resp: 154793  
 Ion Ratio Lower Upper  
 180 100  
 182 94.2 47.4 142.2  
 145 31.4 16.1 48.3

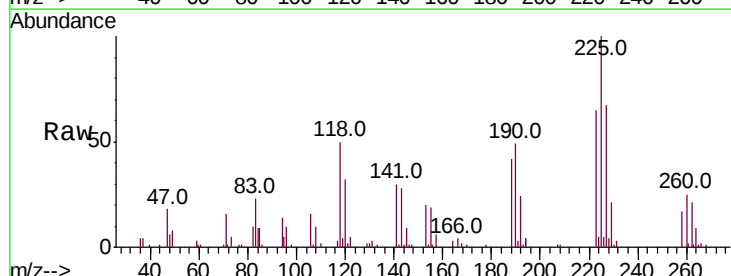


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

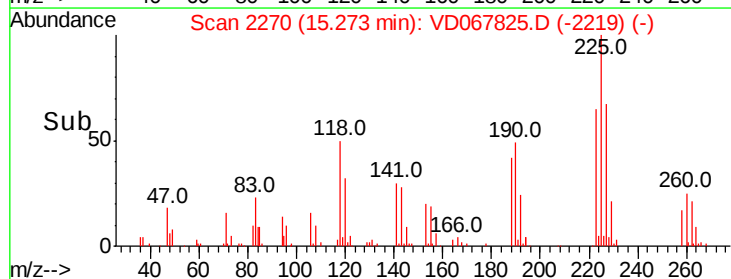
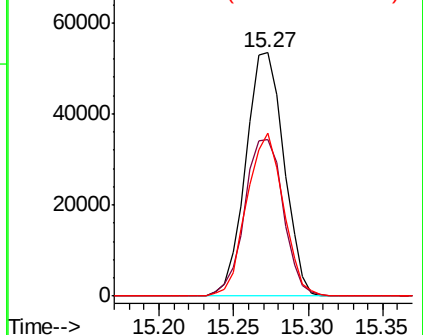


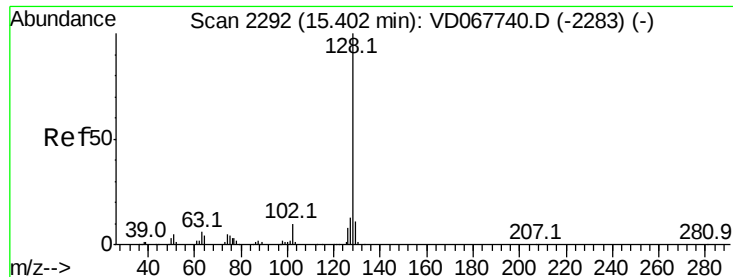
#94  
 Hexachlorobutadiene  
 Concen: 50.965 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: VD067825.D  
 Acq: 30 Nov 2020 20:10

Tgt Ion:225 Resp: 94260  
 Ion Ratio Lower Upper  
 225 100  
 223 65.4 31.5 94.5  
 227 64.6 32.9 98.7



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V

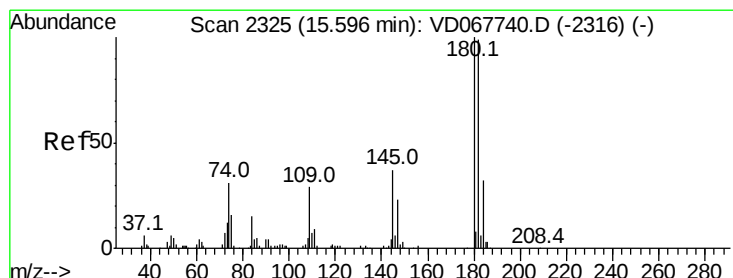
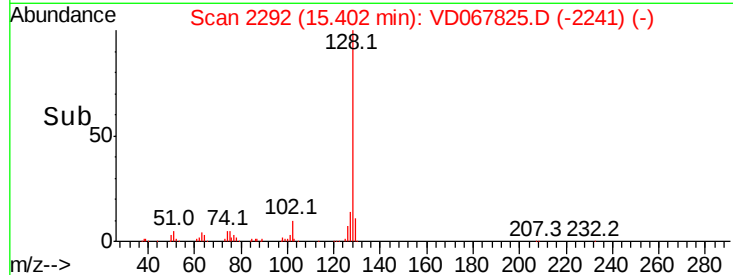
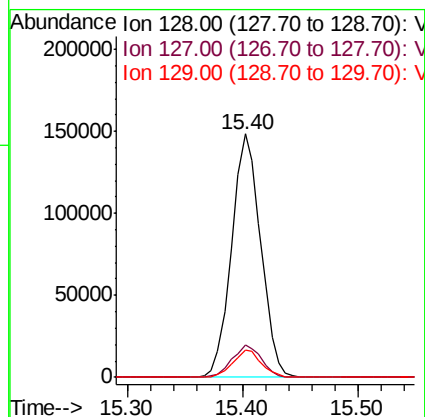
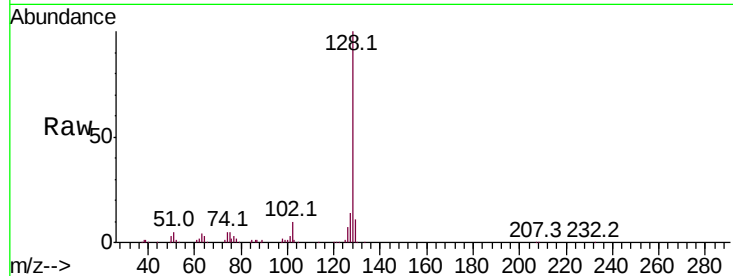




#95  
Naphthalene  
Concen: 55.146 ug/l  
RT: 15.40 min Scan# 2292  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.5  | 10.7  | 16.1  |
| 129     | 11.0  | 8.6   | 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 53.468 ug/l  
RT: 15.60 min Scan# 2325  
Delta R.T. 0.00 min  
Lab File: VD067825.D  
Acq: 30 Nov 2020 20:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.6  | 48.0  | 144.0 |
| 145     | 34.9  | 16.8  | 50.4  |

