

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101320\  
 Data File : VD067254.D  
 Acq On : 13 Oct 2020 16:09  
 Operator : VA/SY  
 Sample : L4214-01 4PPBLOD  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1015

Quant Time: Oct 14 03:19:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 14 03:18:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 330716   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 531106   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 496791   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 250200   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.34  | 65   | 178389   | 53.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.68% |          |
| 35) Dibromofluoromethane    | 7.92  | 113  | 184246   | 52.13 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.26% |          |
| 50) Toluene-d8              | 10.34 | 98   | 662098   | 51.76 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.52% |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 232167   | 52.20 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.40% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85   | 14483    | 4.828  | ug/l   | 99     |
| 3) Chloromethane              | 2.21 | 50   | 10235    | 4.917  | ug/l   | 91     |
| 4) Vinyl Chloride             | 2.34 | 62   | 10788    | 4.724  | ug/l   | 91     |
| 5) Bromomethane               | 2.77 | 94   | 9421     | 5.336  | ug/l # | 77     |
| 6) Chloroethane               | 2.92 | 64   | 6739     | 4.738  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 3.27 | 101  | 25371    | 4.412  | ug/l   | 94     |
| 8) Diethyl Ether              | 3.70 | 74   | 5641     | 4.287  | ug/l   | 82     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101  | 14189    | 4.644  | ug/l   | 94     |
| 10) Methyl Iodide             | 4.31 | 142  | 11991    | 4.255  | ug/l # | 96     |
| 11) Tert butyl alcohol        | 5.18 | 59   | 3979     | 16.536 | ug/l # | 81     |
| 12) 1,1-Dichloroethene        | 4.07 | 96   | 12821    | 4.697  | ug/l   | 85     |
| 13) Acrolein                  | 3.92 | 56   | 3276     | 19.108 | ug/l   | 90     |
| 14) Allyl chloride            | 4.72 | 41   | 12959    | 4.146  | ug/l # | 71     |
| 15) Acrylonitrile             | 5.41 | 53   | 3954     | 9.005  | ug/l # | 17     |
| 16) Acetone                   | 4.16 | 43   | 9870     | 21.270 | ug/l # | 86     |
| 17) Carbon Disulfide          | 4.41 | 76   | 35753    | 4.595  | ug/l   | 96     |
| 18) Methyl Acetate            | 4.72 | 43   | 6174     | 5.833  | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 5.48 | 73   | 22428    | 4.132  | ug/l   | 100    |
| 20) Methylene Chloride        | 4.96 | 84   | 29010    | 8.291  | ug/l # | 86     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96   | 14914    | 4.748  | ug/l   | 94     |
| 22) Diisopropyl ether         | 6.36 | 45   | 23293    | 4.079  | ug/l # | 85     |
| 23) Vinyl Acetate             | 6.31 | 43   | 44506    | 13.700 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 6.26 | 63   | 22194    | 4.541  | ug/l   | 98     |
| 25) 2-Butanone                | 7.21 | 43   | 11987    | 22.662 | ug/l # | 76     |
| 26) 2,2-Dichloropropane       | 7.20 | 77   | 22804    | 4.526  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96   | 17358    | 5.042  | ug/l   | 94     |
| 28) Bromochloromethane        | 7.56 | 49   | 7677     | 4.605  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.57 | 42   | 6283     | 21.369 | ug/l # | 84     |
| 30) Chloroform                | 7.71 | 83   | 27412    | 4.695  | ug/l   | 97     |
| 31) Cyclohexane               | 7.99 | 56   | 21198    | 5.555  | ug/l # | 65     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97   | 26775    | 4.674  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 8.12 | 75   | 19031    | 4.228  | ug/l   | 95     |
| 37) Ethyl Acetate             | 7.30 | 43   | 5727     | 4.324  | ug/l # | 68     |
| 38) Carbon Tetrachloride      | 8.10 | 117  | 24905    | 4.329  | ug/l   | 93     |

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1015

Quant Time: Oct 14 03:19:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 14 03:18:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 19414    | 4.125   | ug/l   | 96       |
| 40) Benzene                    | 8.36  | 78   | 57260    | 4.637   | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.54  | 41   | 3919     | 5.476   | ug/l # | 35       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 16591    | 4.293   | ug/l   | 96       |
| 43) Isopropyl Acetate          | 8.45  | 43   | 10109    | 3.847   | ug/l # | 87       |
| 44) Trichloroethene            | 9.11  | 130  | 17514    | 4.430   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 12112    | 4.232   | ug/l   | 89       |
| 46) Dibromomethane             | 9.47  | 93   | 7488     | 4.199   | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.67  | 83   | 19949    | 4.176   | ug/l # | 88       |
| 48) Methyl methacrylate        | 9.46  | 41   | 5170     | 4.048   | ug/l   | 92       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 1652     | 88.017  | ug/l # | 76       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 25787    | 19.673  | ug/l   | 96       |
| 52) Toluene                    | 10.40 | 92   | 38713    | 4.603   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 16817    | 4.007   | ug/l   | 88       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 19453    | 3.961   | ug/l   | 89       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 10144    | 4.172   | ug/l # | 91       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 9630     | 3.819   | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 17023    | 4.399   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.95  | 63   | 25844    | 19.977  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.98 | 43   | 17433    | 19.463  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.14 | 129  | 14088    | 3.973   | ug/l   | 93       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 10893    | 4.544   | ug/l   | 92       |
| 64) Tetrachloroethene          | 10.88 | 164  | 17226    | 4.786   | ug/l # | 89       |
| 65) Chlorobenzene              | 11.67 | 112  | 42042    | 4.413   | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 16325    | 4.312   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.75 | 91   | 67366    | 4.125   | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.86 | 106  | 52052    | 8.277   | ug/l   | 96       |
| 69) o-Xylene                   | 12.18 | 106  | 22755    | 3.908   | ug/l   | 93       |
| 70) Styrene                    | 12.20 | 104  | 40131    | 4.003   | ug/l   | 98       |
| 71) Bromoform                  | 12.37 | 173  | 8839     | 4.345   | ug/l # | 94       |
| 73) Isopropylbenzene           | 12.48 | 105  | 61305    | 3.861   | ug/l   | 96       |
| 74) N-amyl acetate             | 12.29 | 43   | 9806     | 4.089   | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 10305    | 4.235   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 14461    | 8.339   | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 18020    | 4.552   | ug/l   | 94       |
| 78) n-propylbenzene            | 12.83 | 91   | 76540    | 4.160   | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 44311    | 4.153   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 53464    | 3.874   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.64 | 75   | 119358   | 156.084 | ug/l # | 10       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 46971    | 4.148   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 47931    | 4.112   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 13.28 | 105  | 51602    | 3.784   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 64043    | 4.004   | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 58411    | 3.869   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.53 | 146  | 33238    | 4.362   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 35517    | 4.705   | ug/l   | 94       |
| 89) n-Butylbenzene             | 13.85 | 91   | 51371    | 3.868   | ug/l   | 98       |
| 90) Hexachloroethane           | 14.12 | 117  | 10197    | 3.871   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 29485    | 4.429   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.52 | 75   | 2121     | 4.798   | ug/l   | 81       |

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Sample : L4214-01 4PPBLOD  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

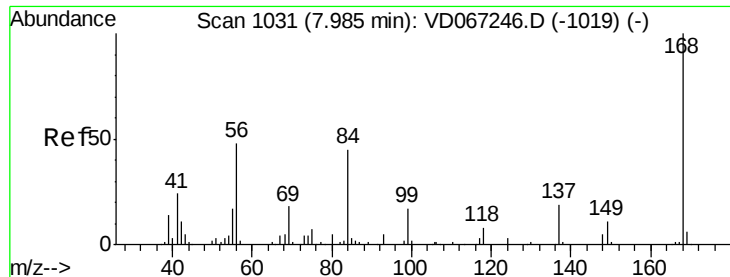
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1015

Quant Time: Oct 14 03:19:56 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 14 03:18:10 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 18891    | 4.209 | ug/l  | 92       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 12050    | 4.324 | ug/l  | 92       |
| 95) Naphthalene            | 15.42 | 128  | 25612    | 3.476 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 16289    | 4.201 | ug/l  | 93       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

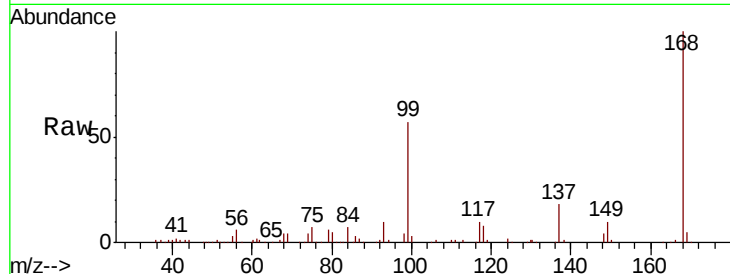
VD1015

Tot Ion:168 Resp: 330716

Ion Ratio Lower Upper

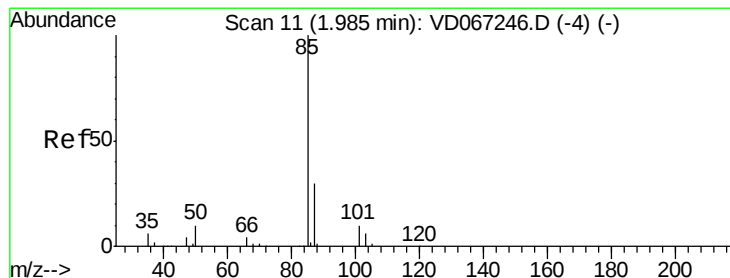
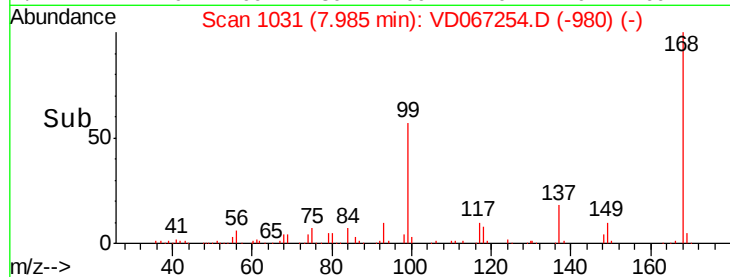
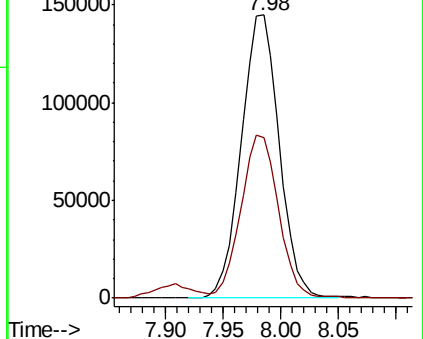
168 100

99 56.5 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 4.828 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067254.D

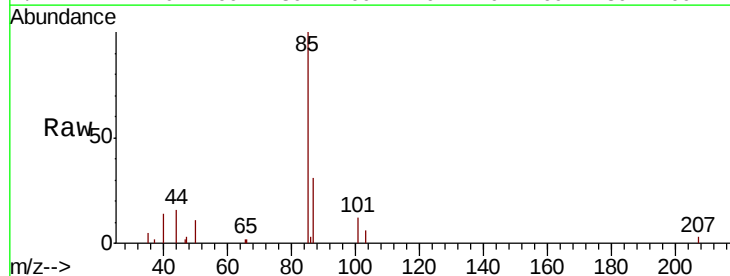
Acq: 13 Oct 2020 16:09

Tgt Ion: 85 Resp: 14483

Ion Ratio Lower Upper

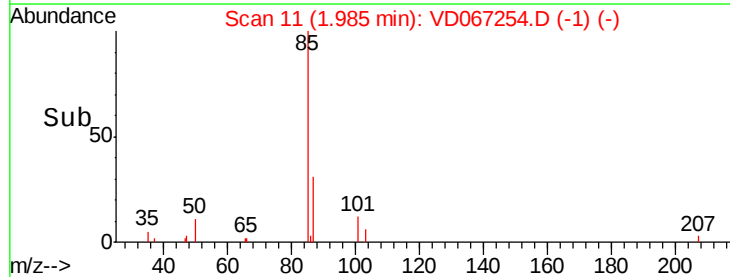
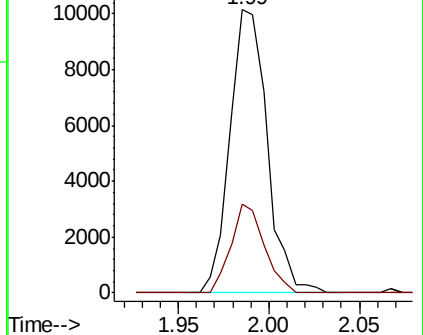
85 100

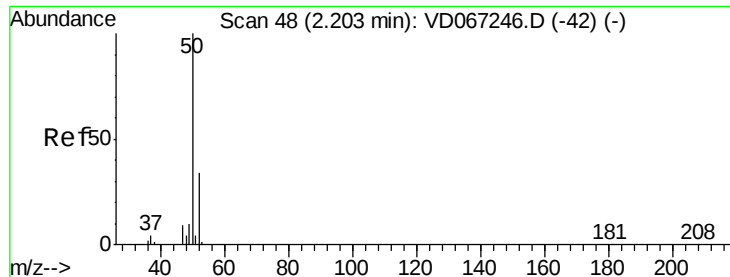
87 31.2 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 4.917 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

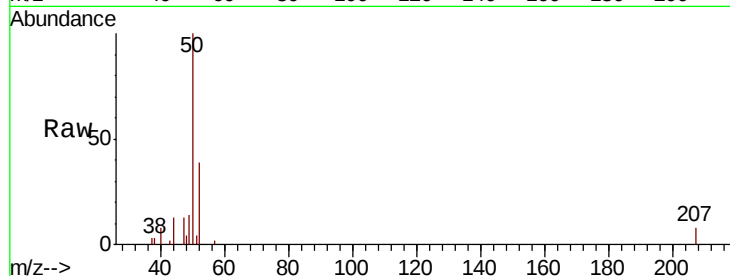
VD1015

Tot Ion: 50 Resp: 10235

Ion Ratio Lower Upper

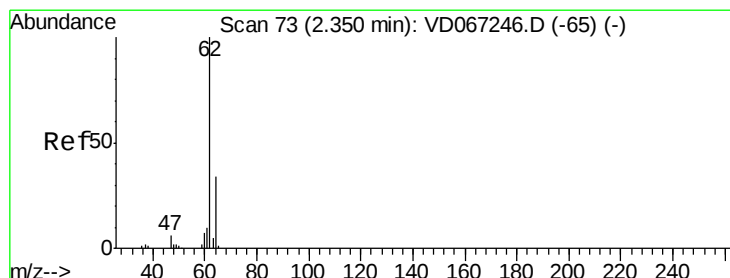
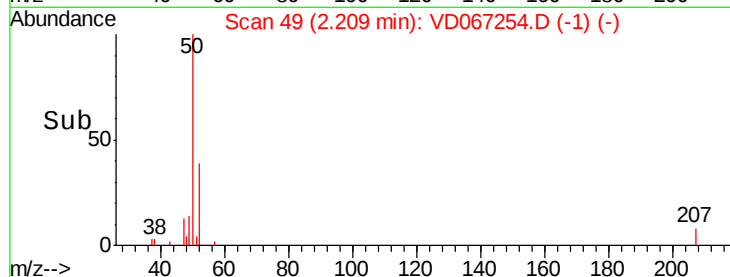
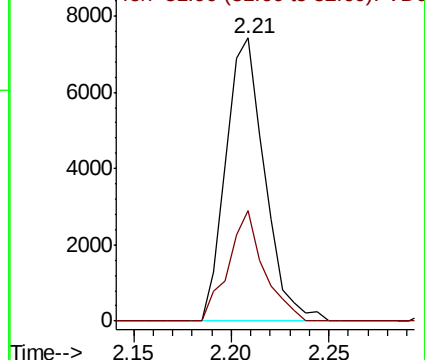
50 100

52 38.9 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 4.724 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067254.D

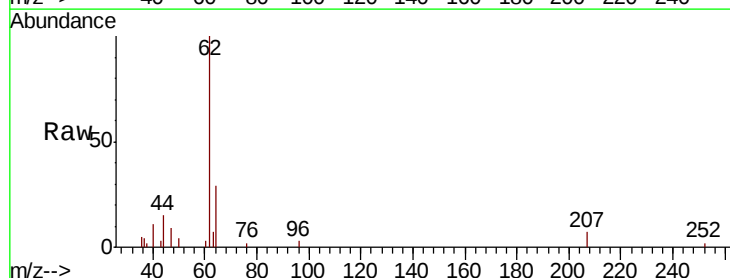
Acq: 13 Oct 2020 16:09

Tgt Ion: 62 Resp: 10788

Ion Ratio Lower Upper

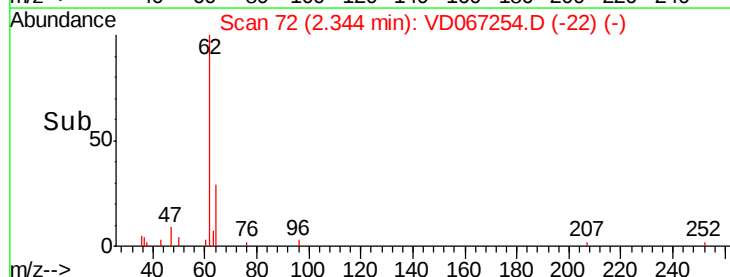
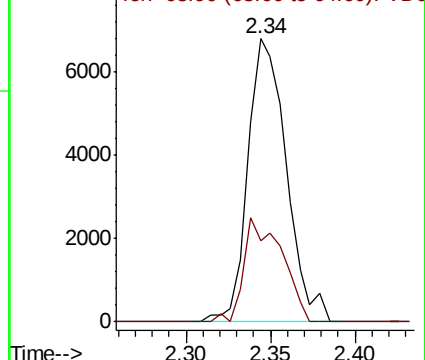
62 100

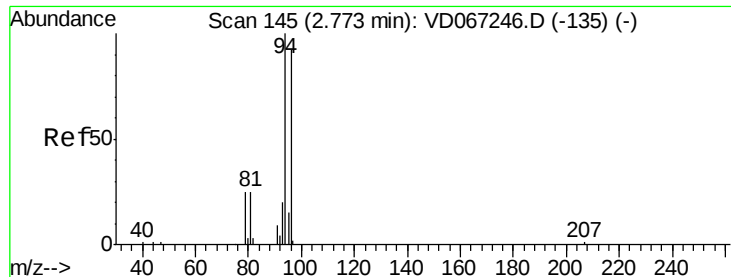
64 28.7 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 5.336 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

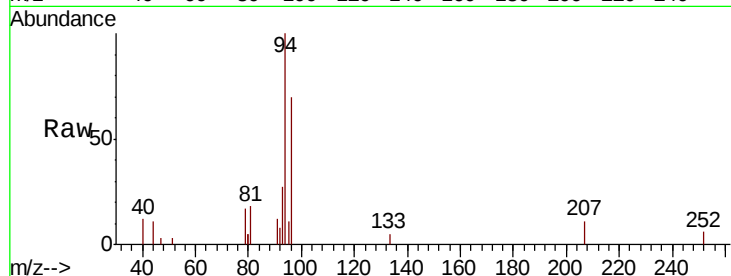
VD1015

Tot Ion: 94 Resp: 9421

Ion Ratio Lower Upper

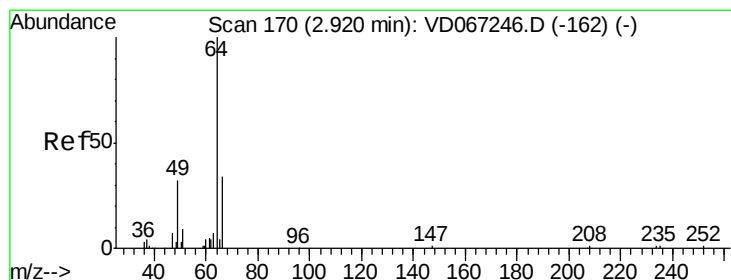
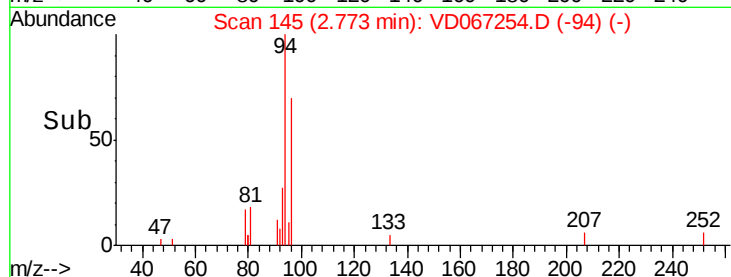
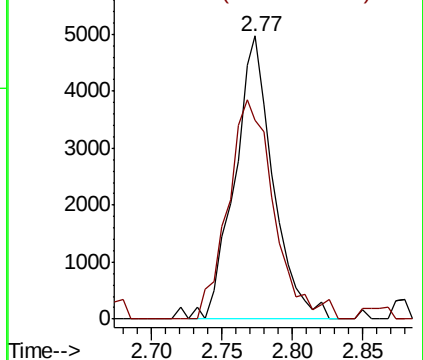
94 100

96 70.0 73.8 110.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 4.738 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067254.D

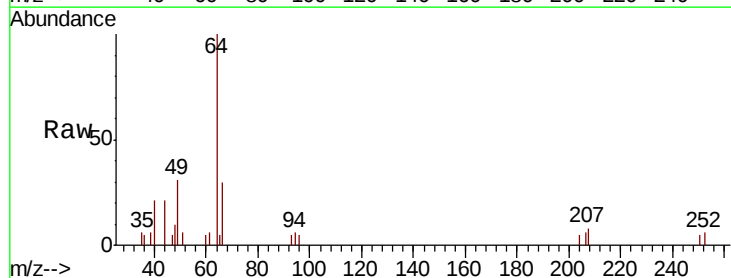
Acq: 13 Oct 2020 16:09

Tgt Ion: 64 Resp: 6739

Ion Ratio Lower Upper

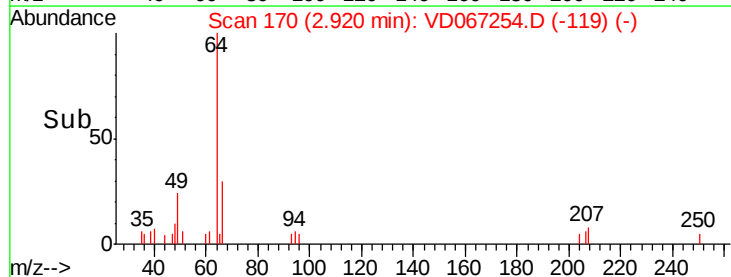
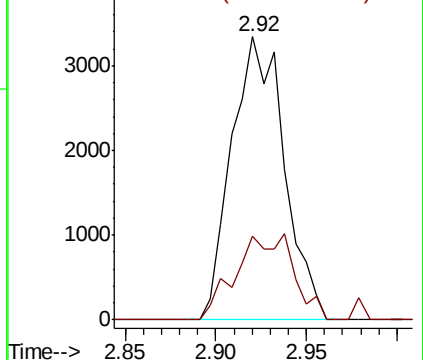
64 100

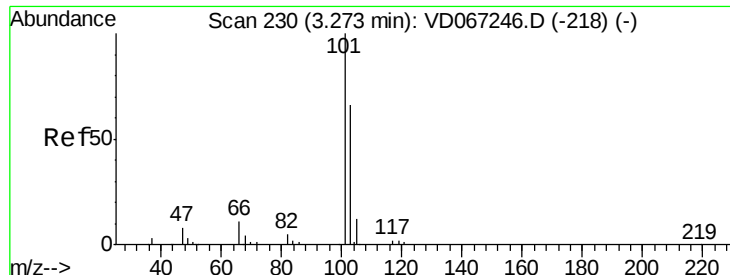
66 29.8 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 4.412 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

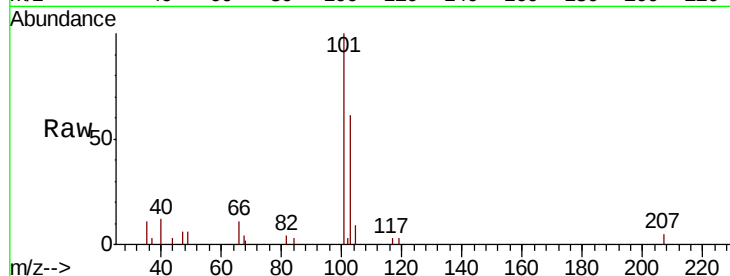
VD1015

Tot Ion:101 Resp: 25371

Ion Ratio Lower Upper

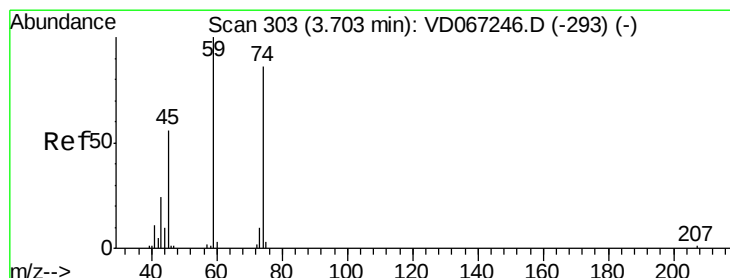
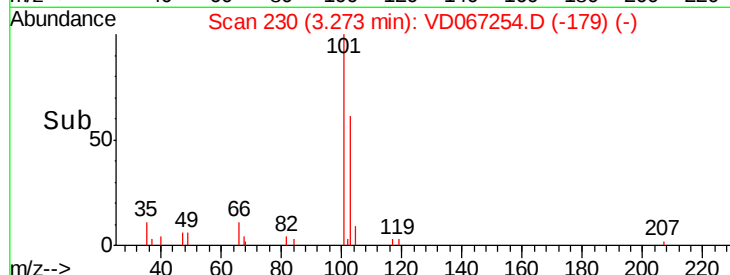
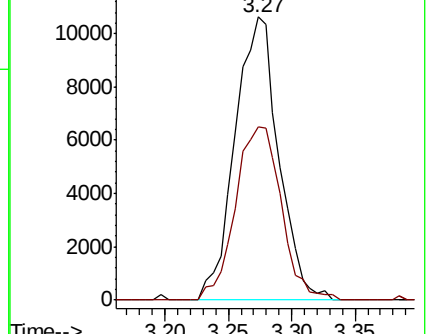
101 100

103 61.3 53.1 79.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.287 ug/l

RT: 3.70 min Scan# 303

Delta R.T. 0.00 min

Lab File: VD067254.D

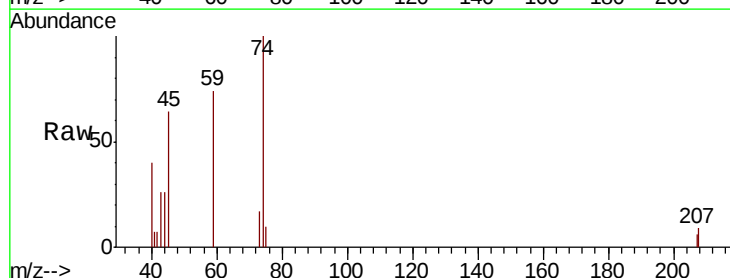
Acq: 13 Oct 2020 16:09

Tgt Ion: 74 Resp: 5641

Ion Ratio Lower Upper

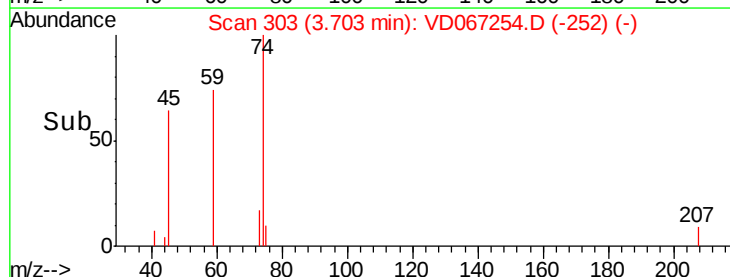
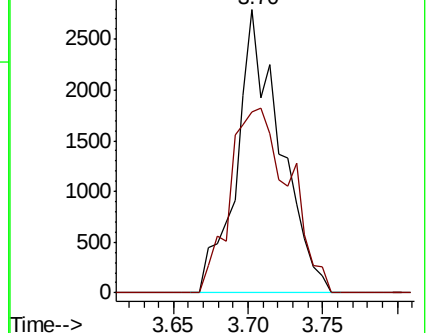
74 100

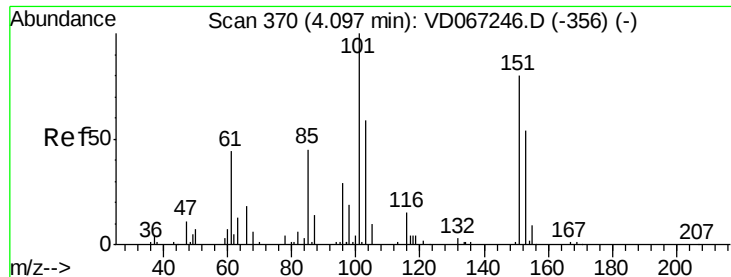
45 89.3 37.0 111.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.644 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VD1015

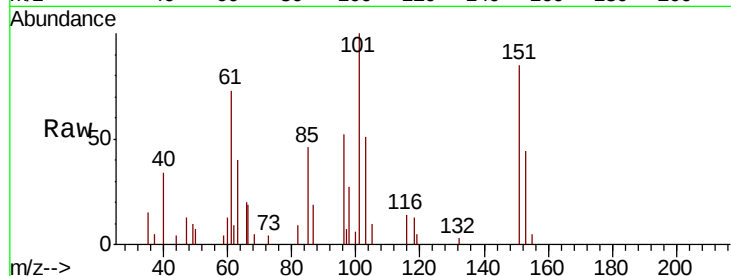
Tot Ion:101 Resp: 14189

Ion Ratio Lower Upper

101 100

85 40.6 34.2 51.4

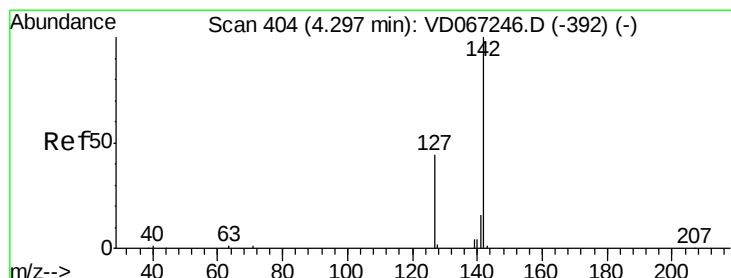
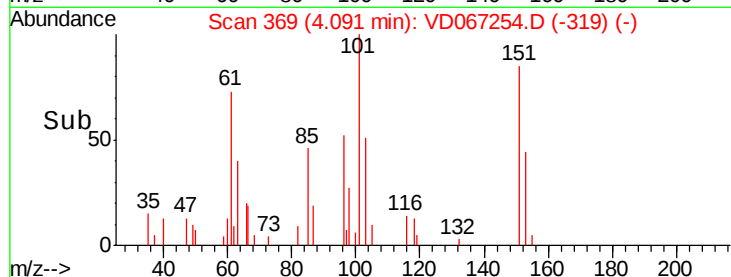
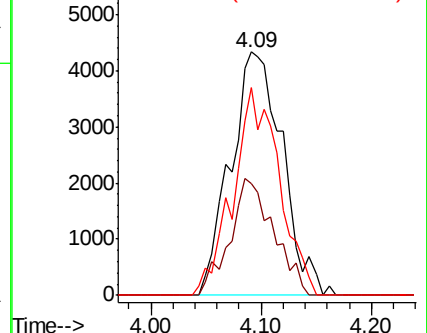
151 76.4 66.3 99.5



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: 4.255 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

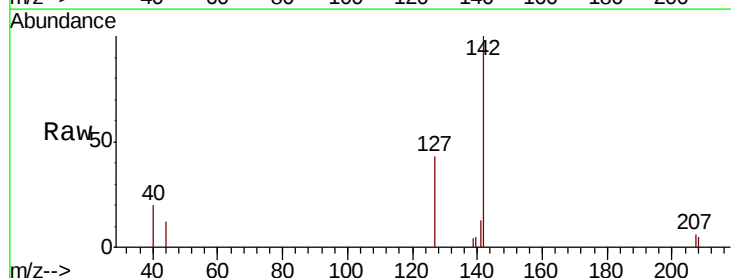
Tgt Ion:142 Resp: 11991

Ion Ratio Lower Upper

142 100

127 49.8 38.4 57.6

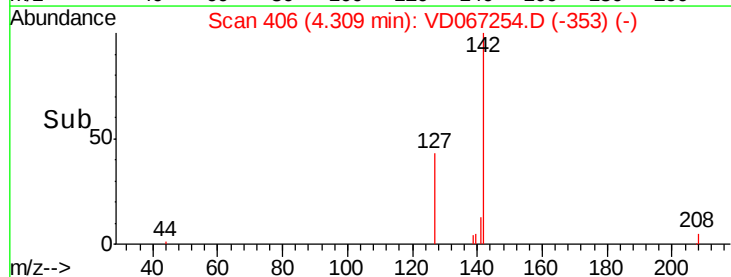
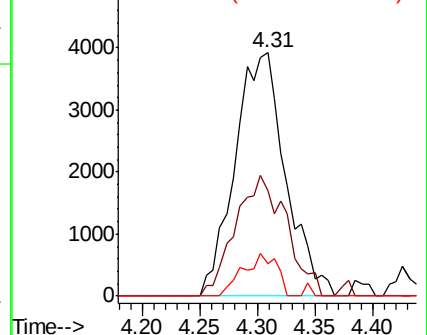
141 11.6 11.6 17.4#

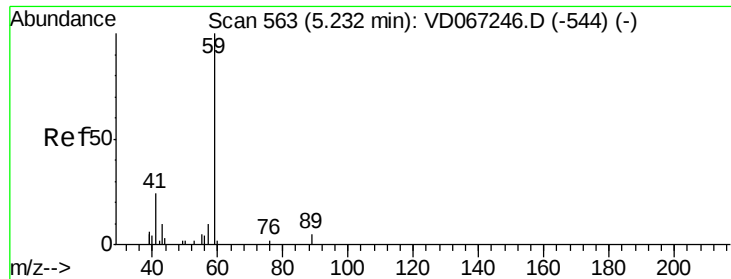


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 16.536 ug/l

RT: 5.18 min Scan# 554

Delta R.T. -0.05 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleID :

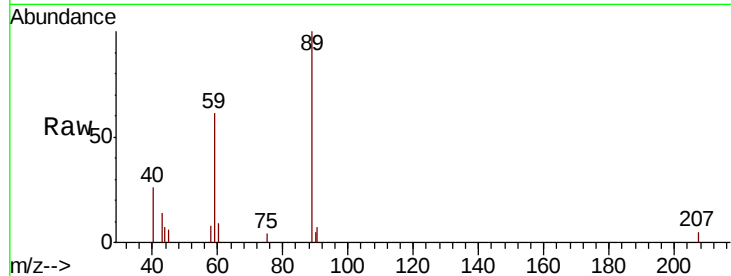
VD1015

Tot Ion: 59 Resp: 3979

Ion Ratio Lower Upper

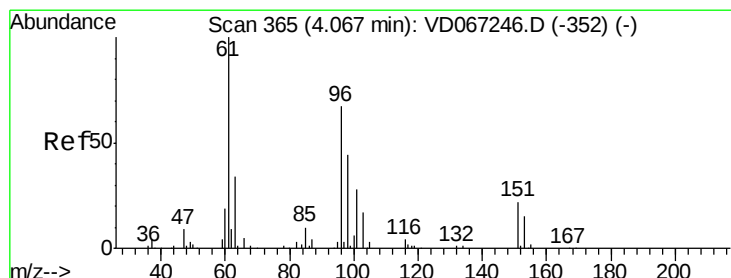
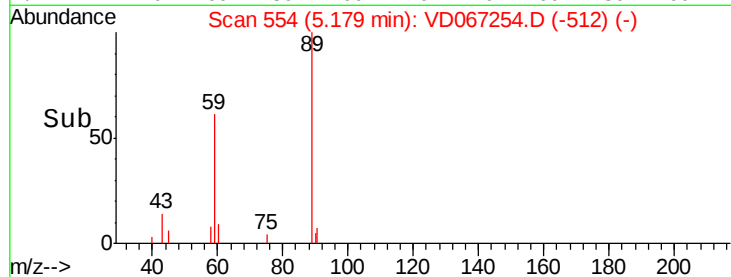
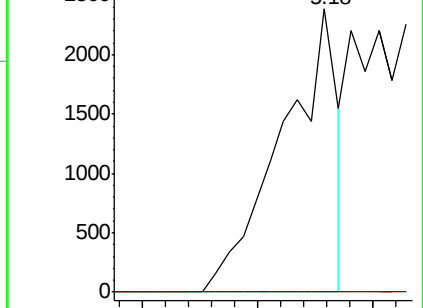
59 100

57 0.0 5.1 7.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 4.697 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

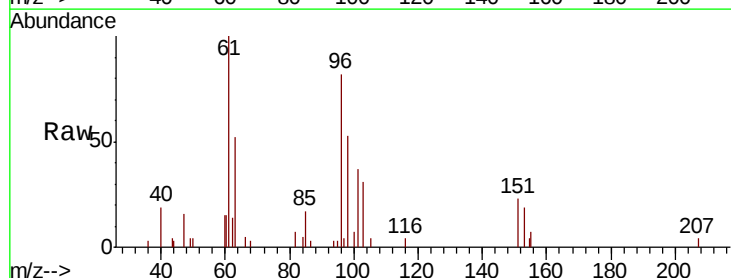
Tgt Ion: 96 Resp: 12821

Ion Ratio Lower Upper

96 100

61 122.1 118.6 177.8

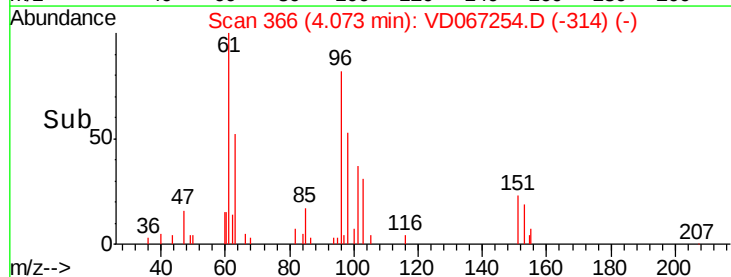
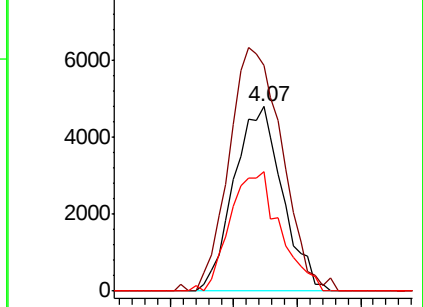
98 65.1 51.8 77.6

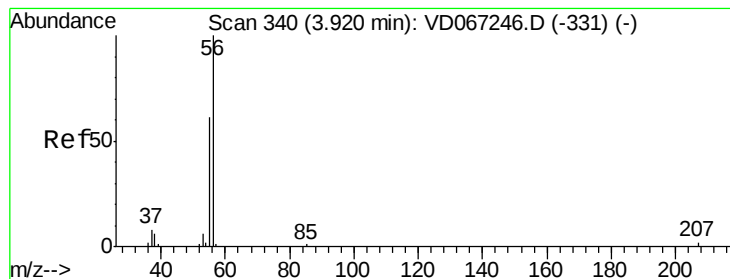


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 19.108 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

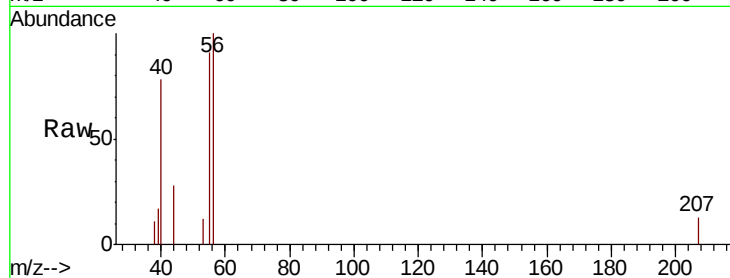
VD1015

Tot Ion: 56 Resp: 3276

Ion Ratio Lower Upper

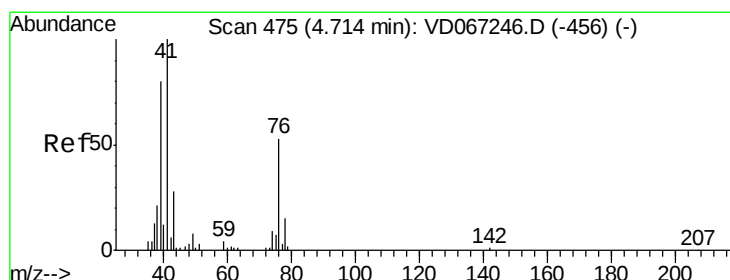
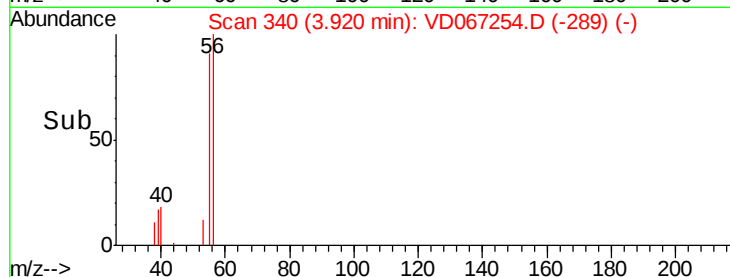
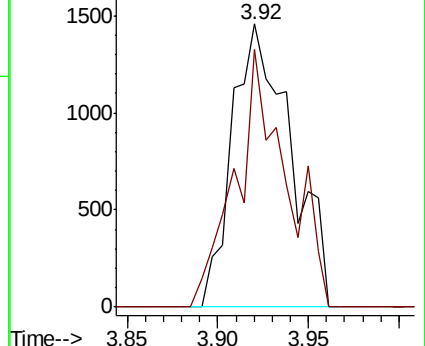
56 100

55 78.6 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 4.146 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

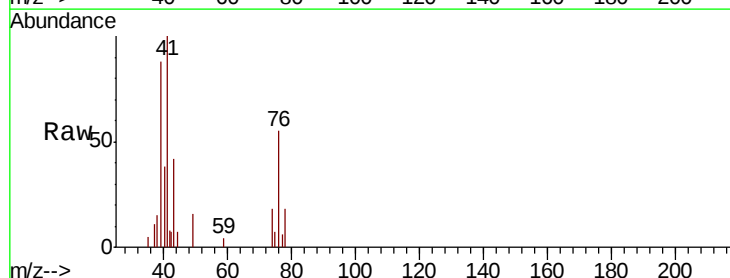
Tgt Ion: 41 Resp: 12959

Ion Ratio Lower Upper

41 100

39 44.6 63.8 95.6#

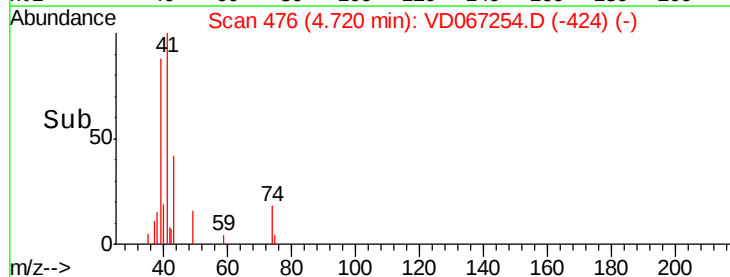
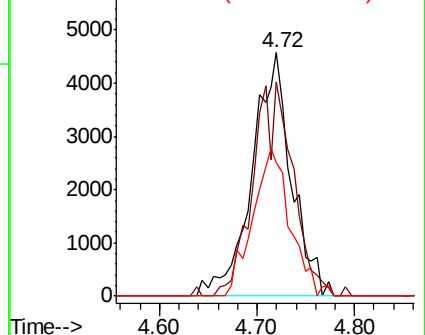
76 57.9 40.4 60.6

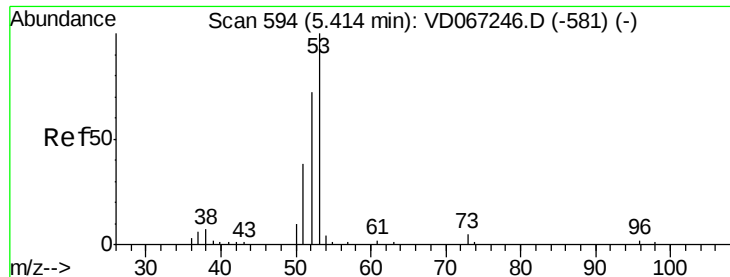


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 9.005 ug/l

RT: 5.41 min Scan# 593

Delta R.T. -0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleID :

VD1015

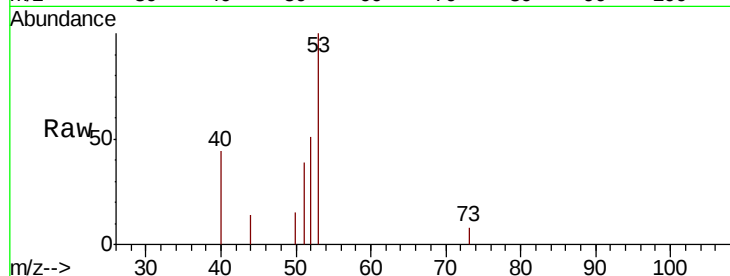
Tot Ion: 53 Resp: 3954

Ion Ratio Lower Upper

53 100

52 0.0 65.6 98.4#

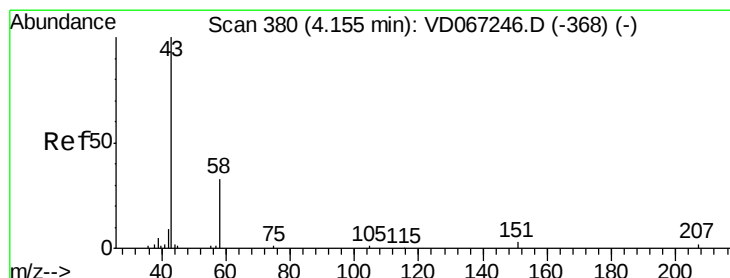
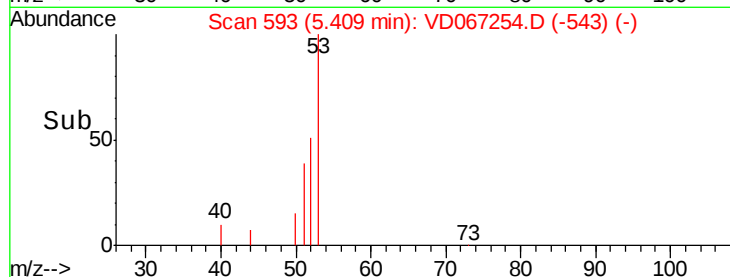
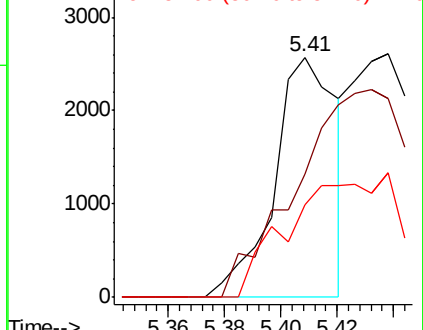
51 0.0 30.8 46.2#



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 21.270 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067254.D

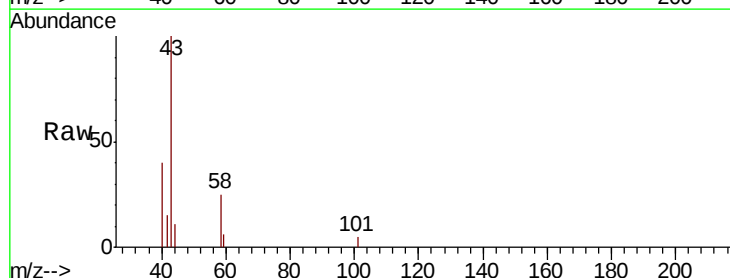
Acq: 13 Oct 2020 16:09

Tgt Ion: 43 Resp: 9870

Ion Ratio Lower Upper

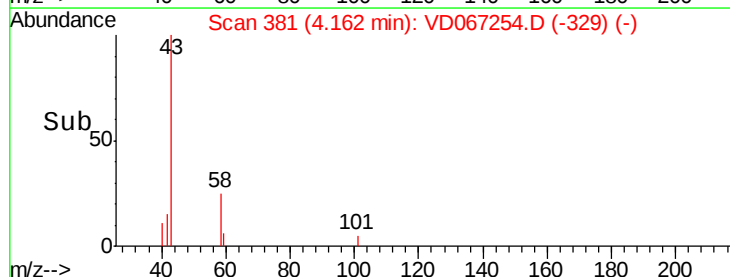
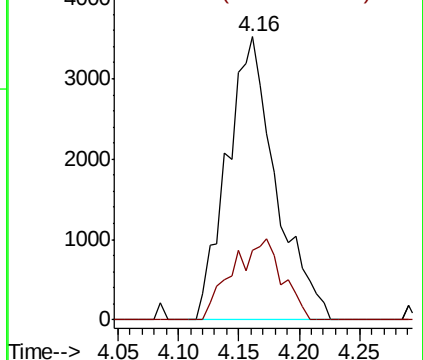
43 100

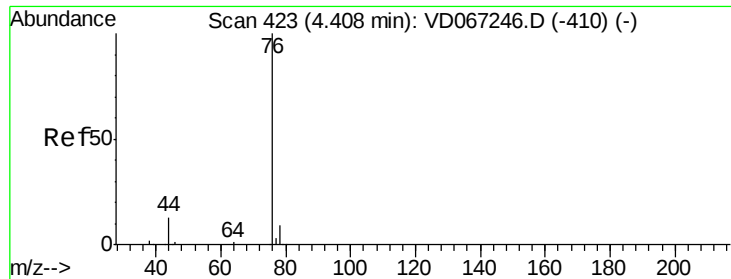
58 24.5 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 4.595 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

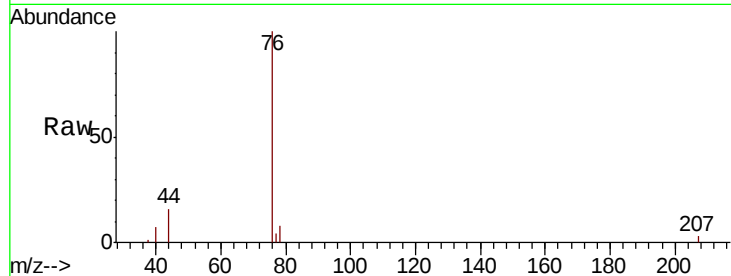
VD1015

Tot Ion: 76 Resp: 35753

Ion Ratio Lower Upper

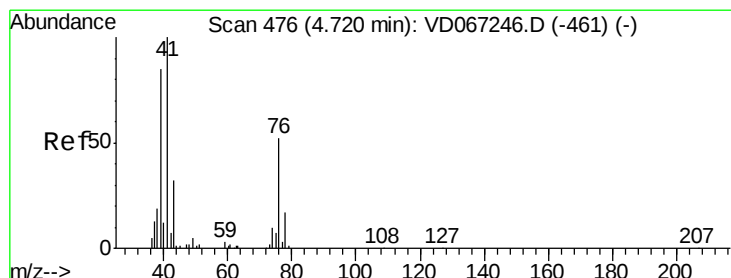
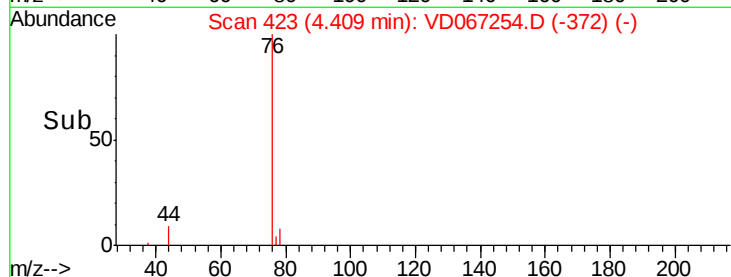
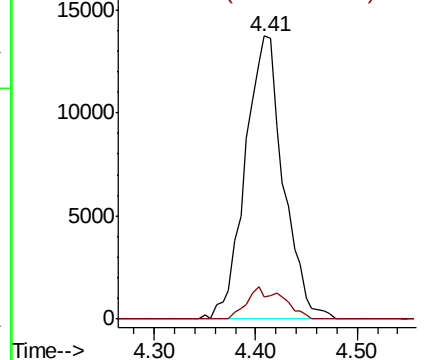
76 100

78 7.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 5.833 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067254.D

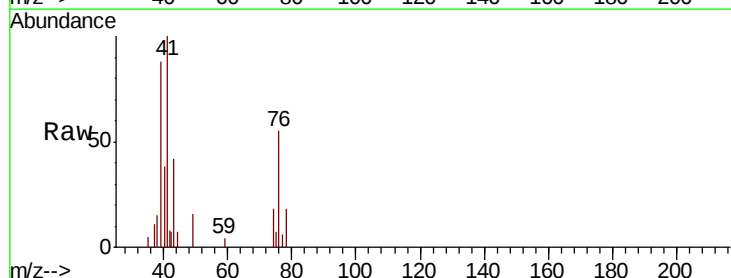
Acq: 13 Oct 2020 16:09

Tgt Ion: 43 Resp: 6174

Ion Ratio Lower Upper

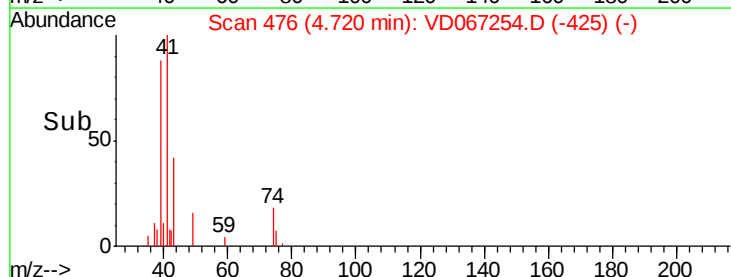
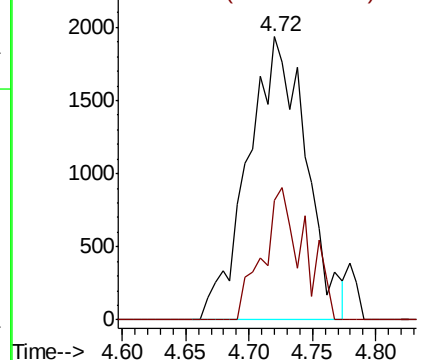
43 100

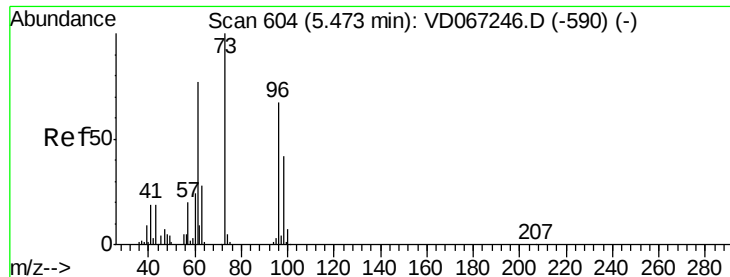
74 33.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



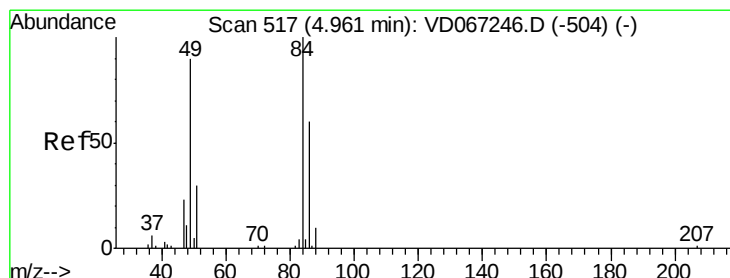
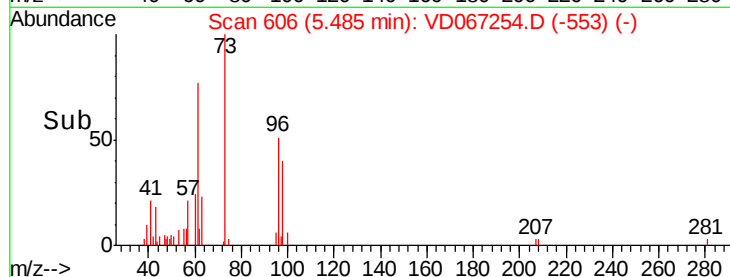
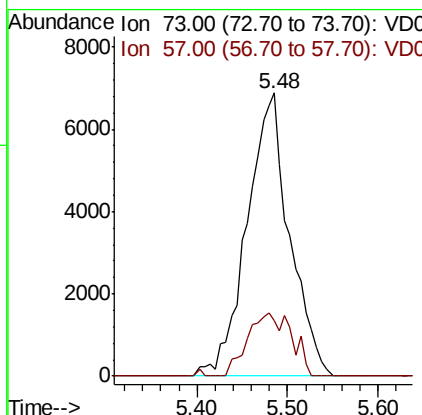
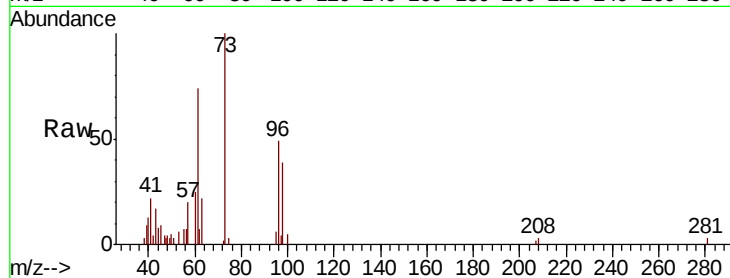


#19

Methyl tert-butyl Ether  
 Concen: 4.132 ug/l  
 RT: 5.48 min Scan# 606  
 Delta R.T. 0.01 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1015

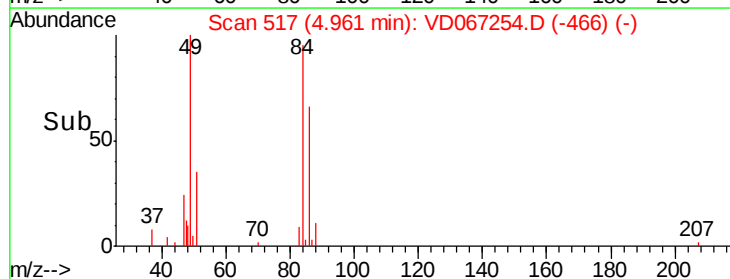
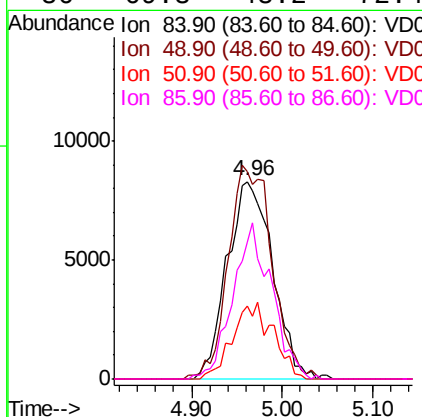
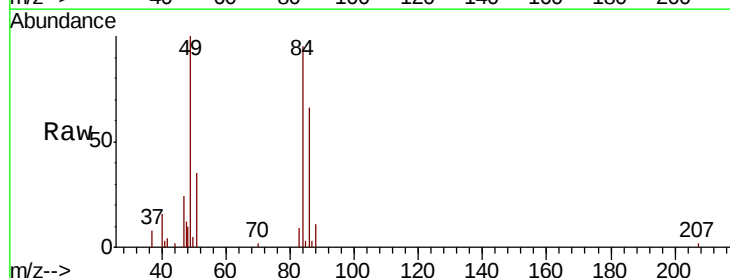
Tot Ion: 73 Resp: 22428  
 Ion Ratio Lower Upper  
 73 100  
 57 19.7 15.7 23.5

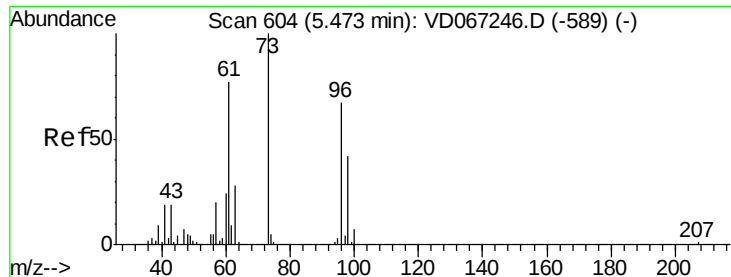


#20

Methylene Chloride  
 Concen: 8.291 ug/l  
 RT: 4.96 min Scan# 517  
 Delta R.T. 0.00 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

Tgt Ion: 84 Resp: 29010  
 Ion Ratio Lower Upper  
 84 100  
 49 105.0 72.2 108.2  
 51 37.0 23.8 35.8#  
 86 69.3 48.2 72.4

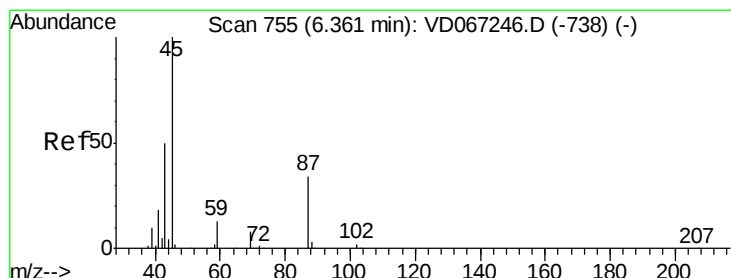
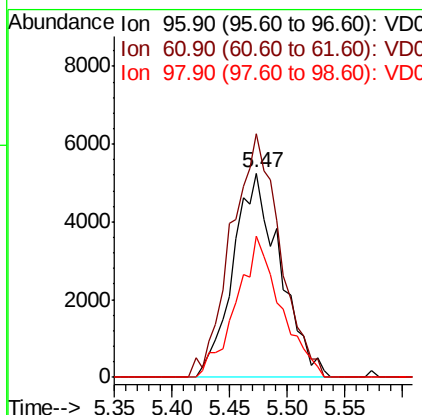
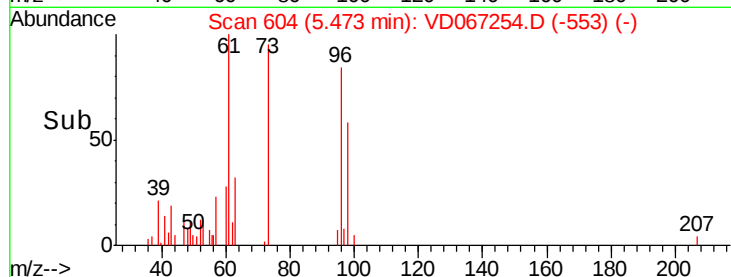
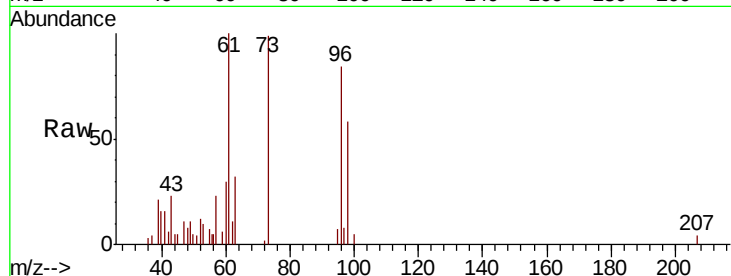




#21  
trans-1,2-Dichloroethene  
Concen: 4.748 ug/l  
RT: 5.47 min Scan# 604  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

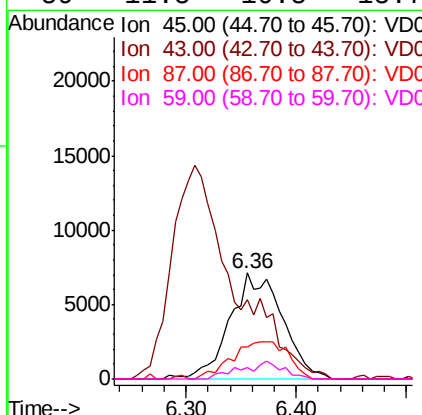
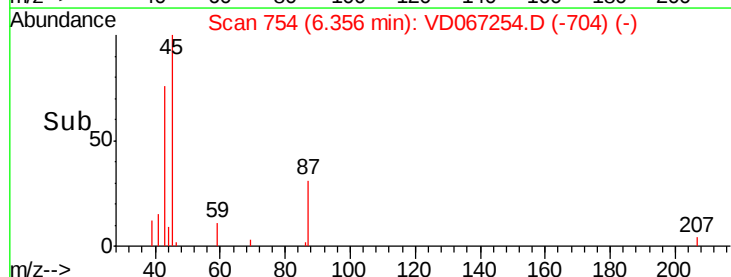
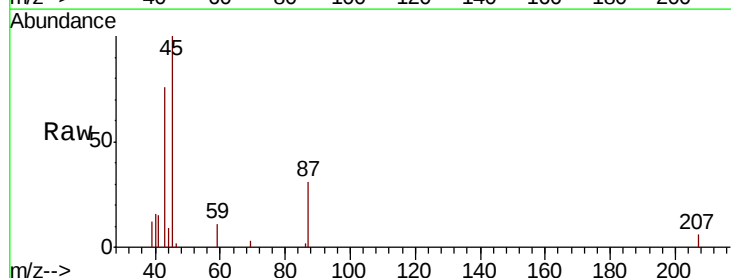
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1015

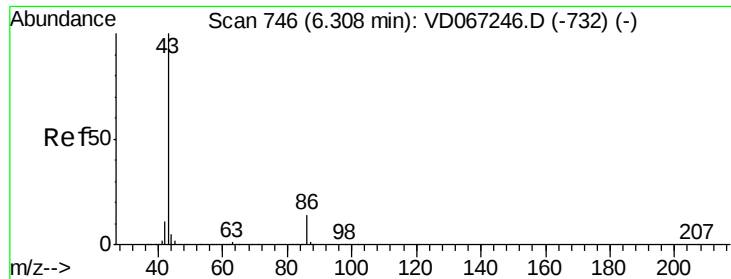
Tot Ion: 96 Resp: 14914  
Ion Ratio Lower Upper  
96 100  
61 119.1 92.0 138.0  
98 69.3 49.8 74.8



#22  
Diisopropyl ether  
Concen: 4.079 ug/l  
RT: 6.36 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion: 45 Resp: 23293  
Ion Ratio Lower Upper  
45 100  
43 75.6 48.0 72.0#  
87 30.8 28.5 42.7  
59 11.5 10.5 15.7





#23

Vinyl Acetate

Concen: 13.700 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

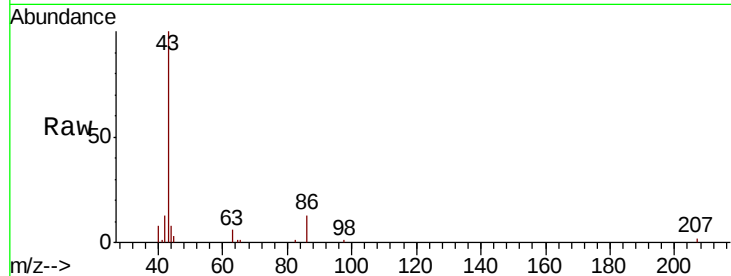
VD1015

Tot Ion: 43 Resp: 44506

Ion Ratio Lower Upper

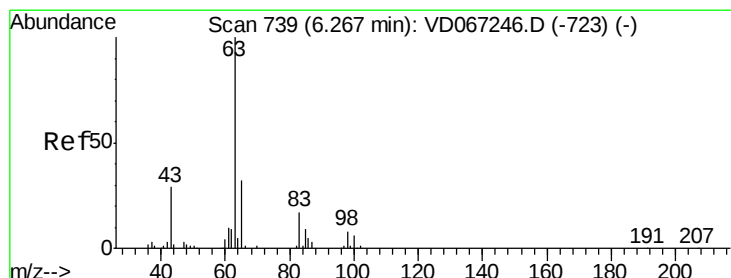
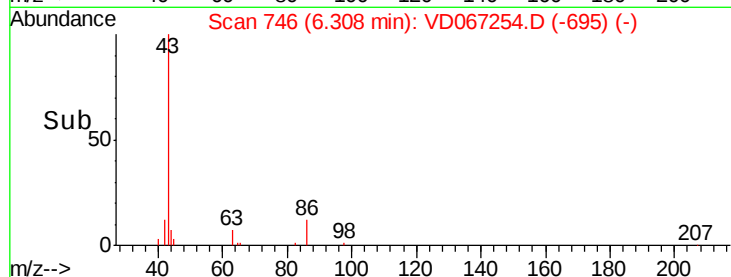
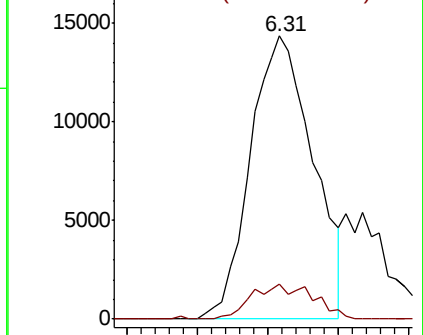
43 100

86 12.7 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 4.541 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

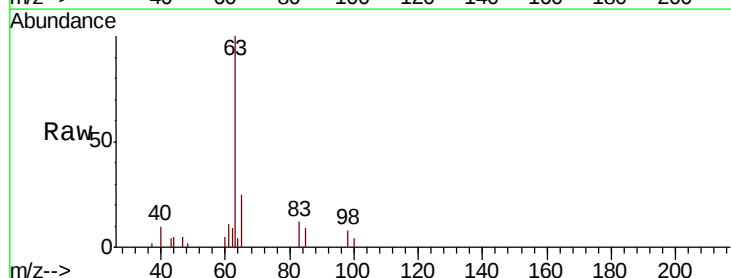
Tgt Ion: 63 Resp: 22194

Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.2

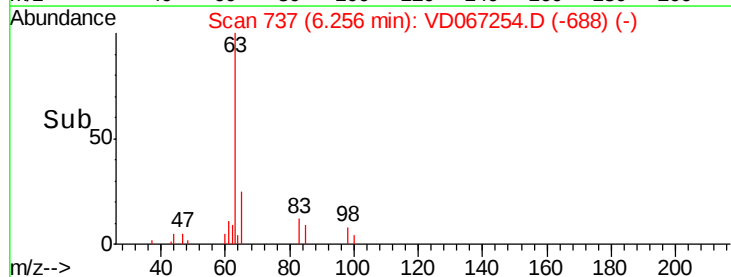
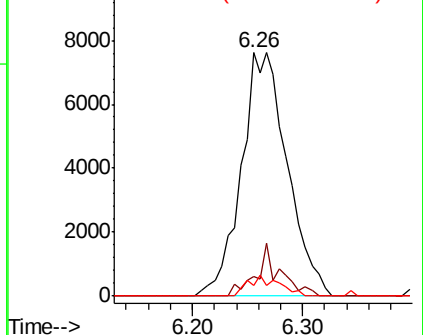
100 4.2 2.8 8.4

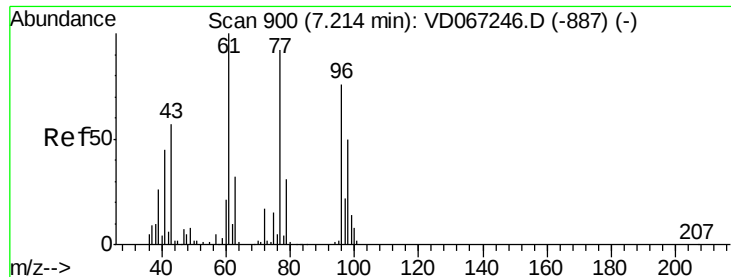


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 22.662 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleID :

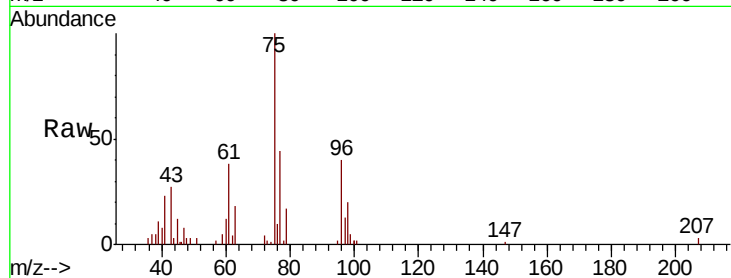
VD1015

Tot Ion: 43 Resp: 11987

Ion Ratio Lower Upper

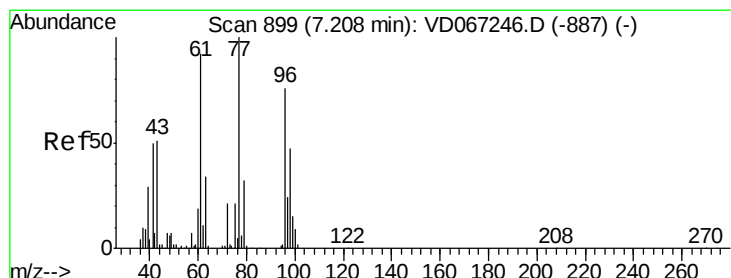
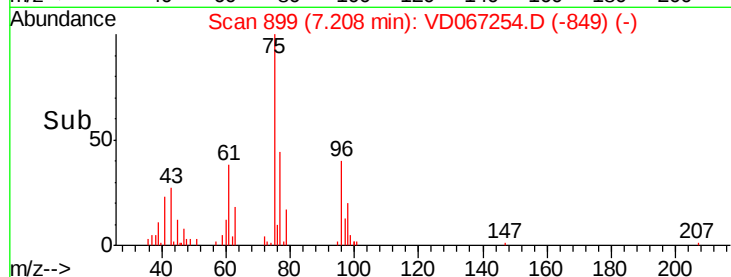
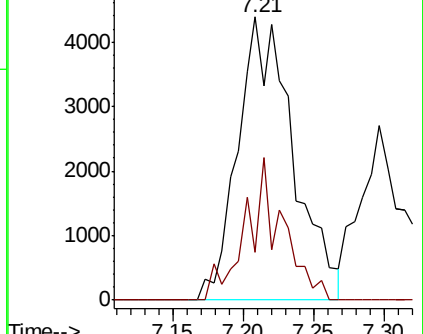
43 100

72 16.8 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 4.526 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067254.D

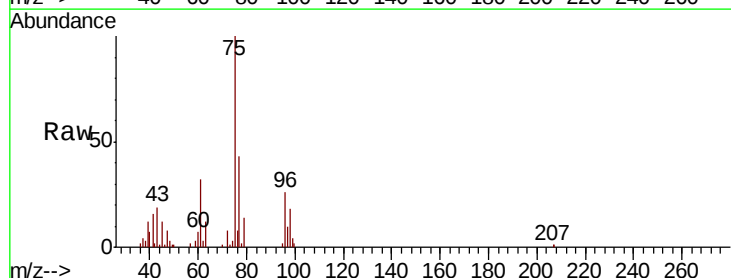
Acq: 13 Oct 2020 16:09

Tgt Ion: 77 Resp: 22804

Ion Ratio Lower Upper

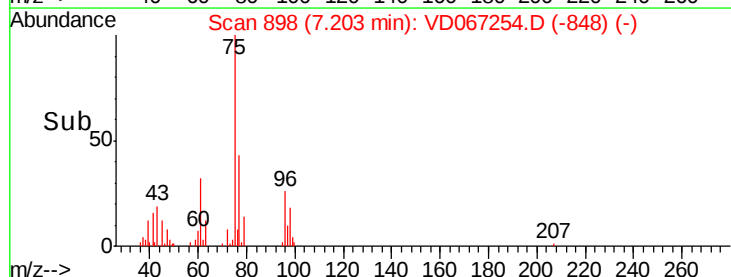
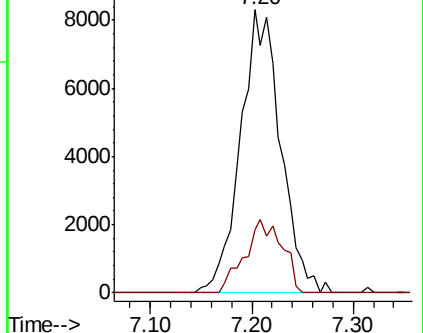
77 100

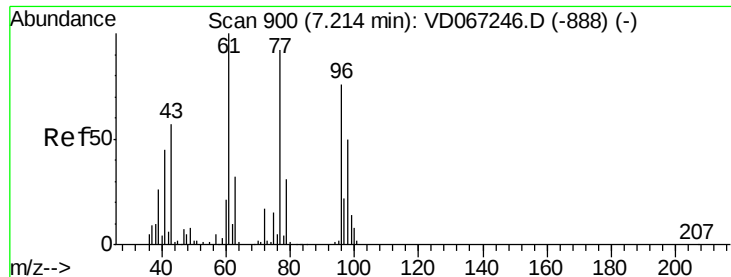
97 24.1 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



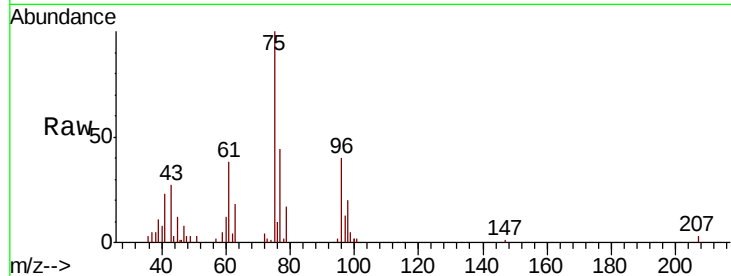


#27

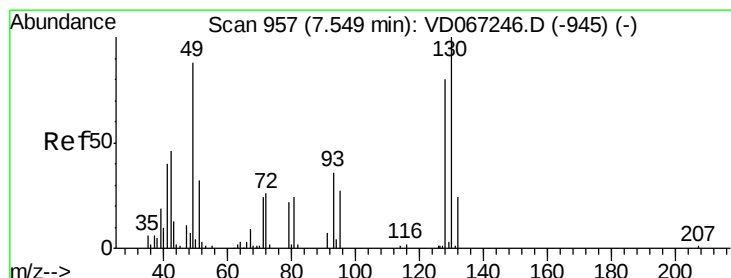
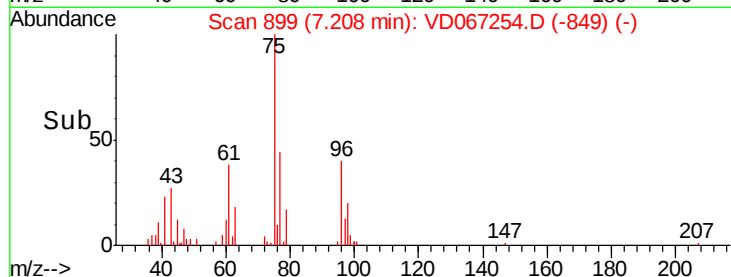
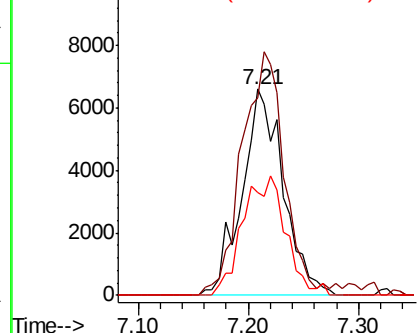
cis-1,2-Dichloroethene  
Concen: 5.042 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Instrument :  
MSVOA\_D  
ClientSampled :  
VD1015

Tot Ion: 96 Resp: 17358  
Ion Ratio Lower Upper  
96 100  
61 119.9 0.0 255.4  
98 60.4 0.0 128.0



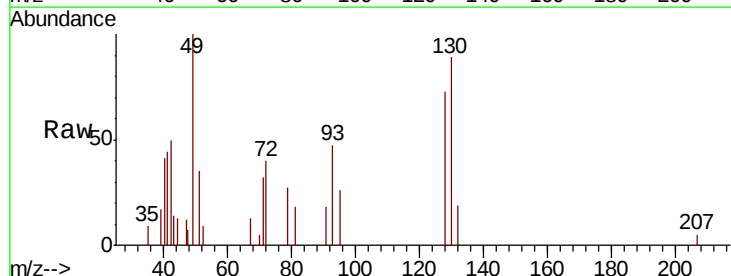
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC



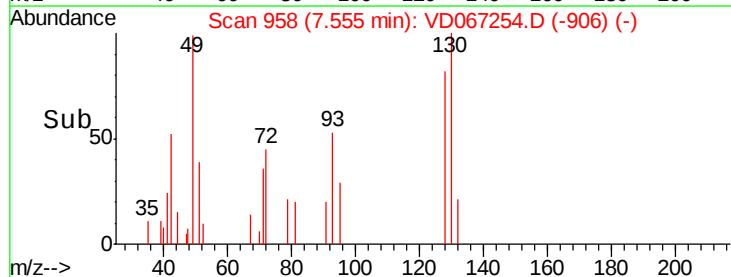
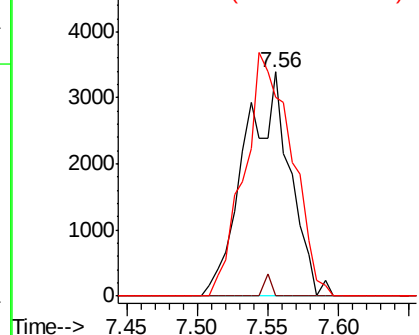
#28

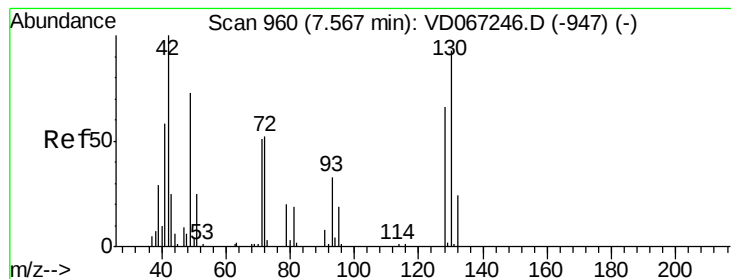
Bromochloromethane  
Concen: 4.605 ug/l  
RT: 7.56 min Scan# 958  
Delta R.T. 0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion: 49 Resp: 7677  
Ion Ratio Lower Upper  
49 100  
129 1.6 0.0 1.6  
130 112.5 91.0 136.6



Abundance Ion 48.90 (48.60 to 49.60): VDC  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 21.369 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleID :

VD1015

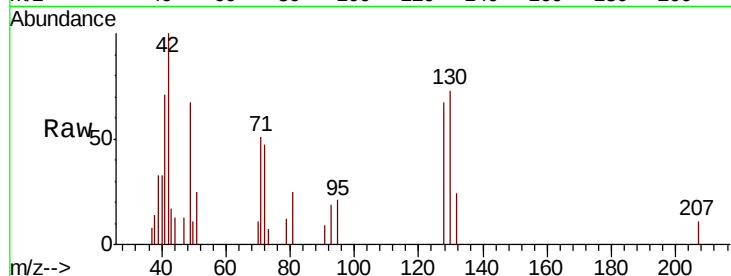
Tot Ion: 42 Resp: 6283

Ion Ratio Lower Upper

42 100

72 68.2 43.2 64.8#

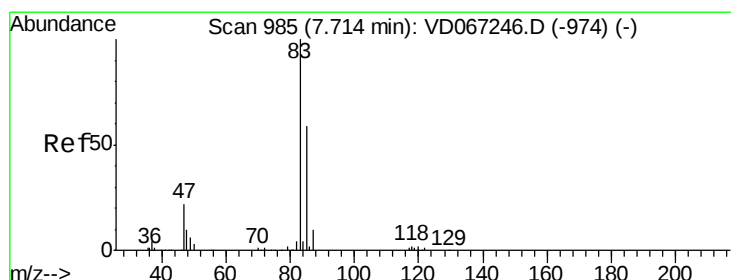
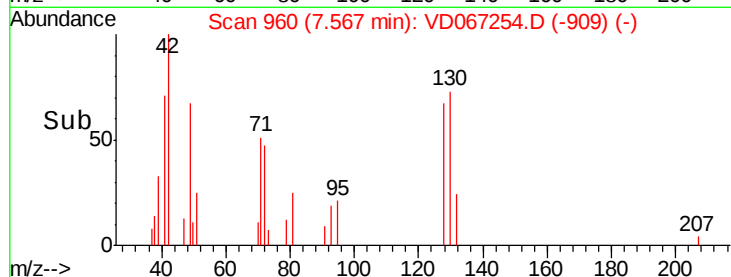
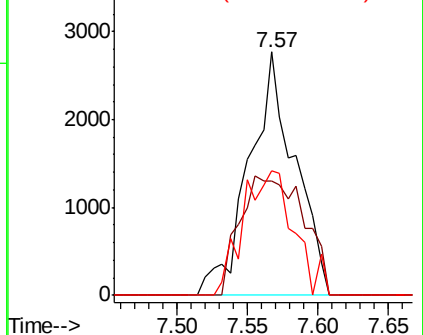
71 57.4 39.4 59.0



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: 4.695 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067254.D

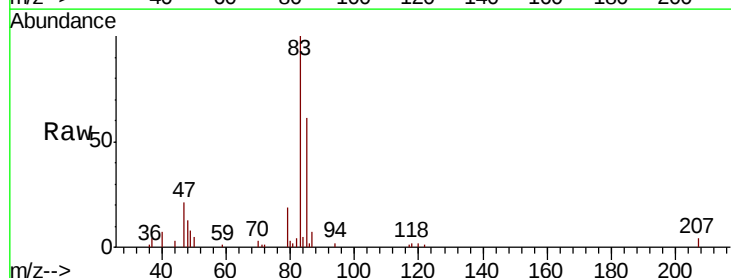
Acq: 13 Oct 2020 16:09

Tgt Ion: 83 Resp: 27412

Ion Ratio Lower Upper

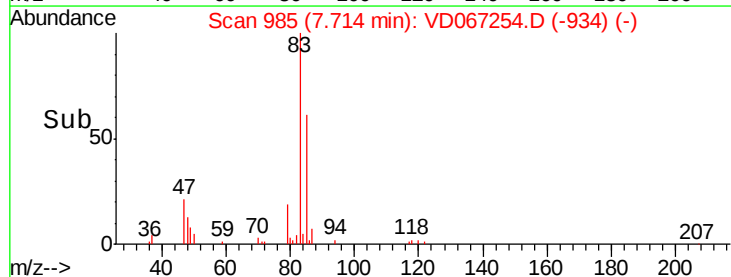
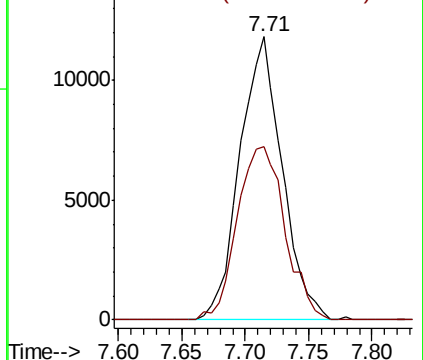
83 100

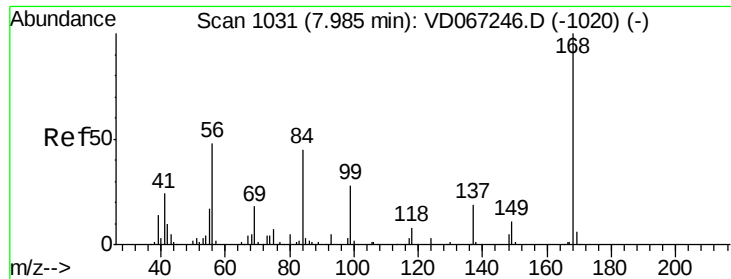
85 61.1 47.3 70.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

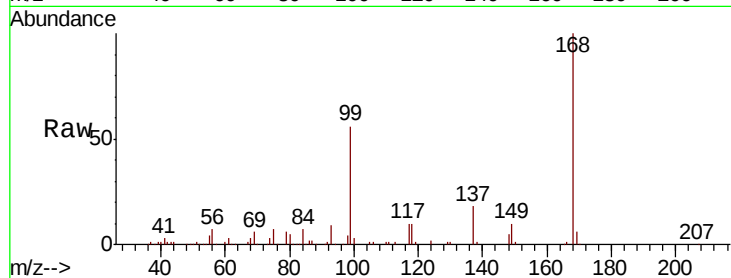




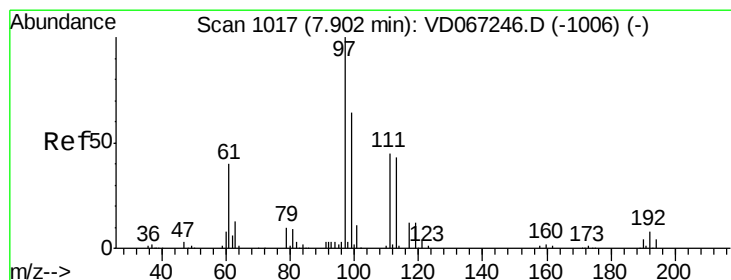
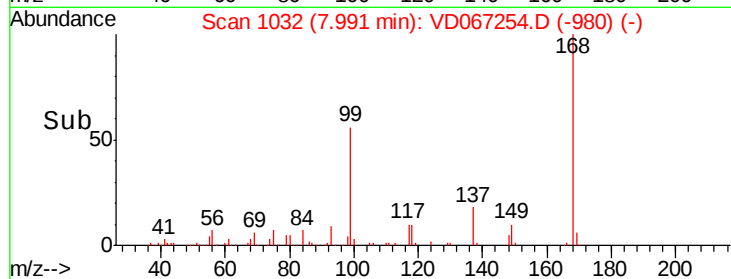
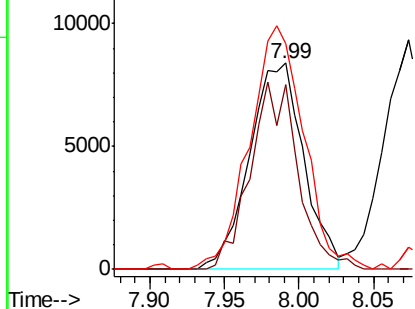
#31  
Cyclohexane  
Concen: 5.555 ug/l  
RT: 7.99 min Scan# 1032  
Delta R.T. 0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1015

Tot Ion: 56 Resp: 21198  
Ion Ratio Lower Upper  
56 100  
69 89.4 29.8 44.6#  
84 109.4 76.6 114.8

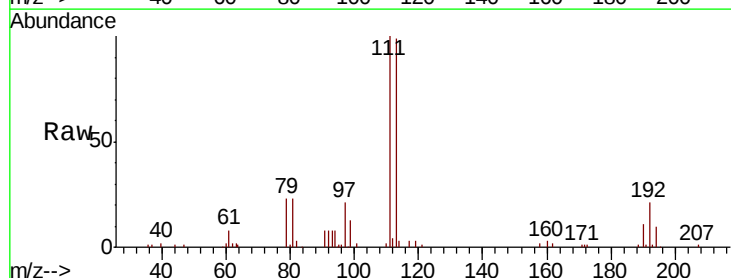


Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC

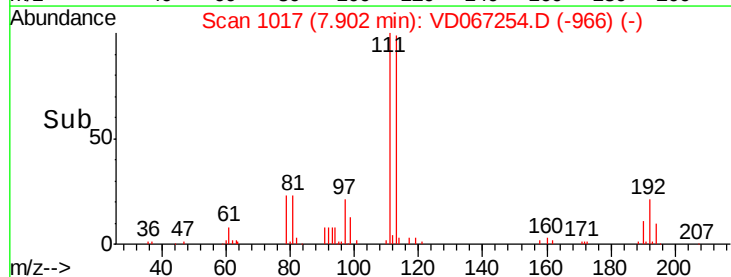
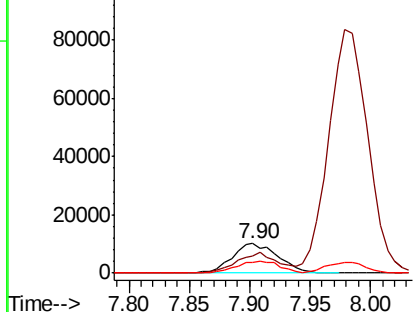


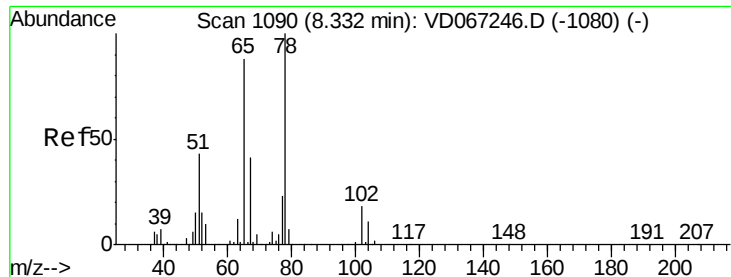
#32  
1,1,1-Trichloroethane  
Concen: 4.674 ug/l  
RT: 7.90 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion: 97 Resp: 26775  
Ion Ratio Lower Upper  
97 100  
99 63.1 50.2 75.4  
61 38.5 30.5 45.7



Abundance Ion 96.90 (96.60 to 97.60): VDC  
Ion 98.90 (98.60 to 99.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 53.841 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

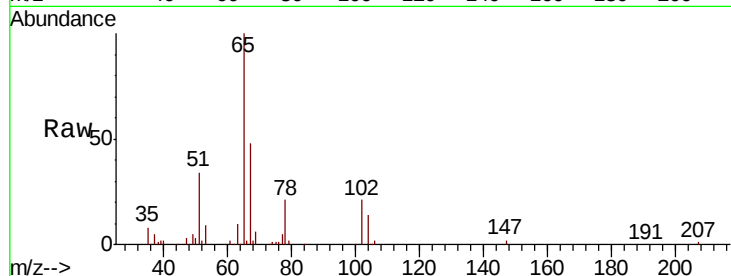
VD1015

Tot Ion: 65 Resp: 178389

Ion Ratio Lower Upper

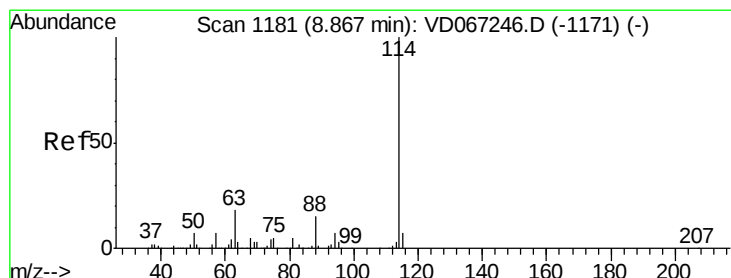
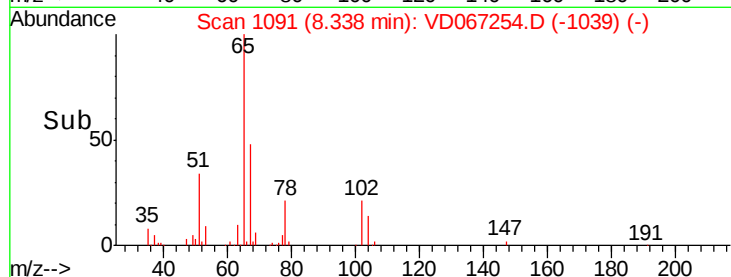
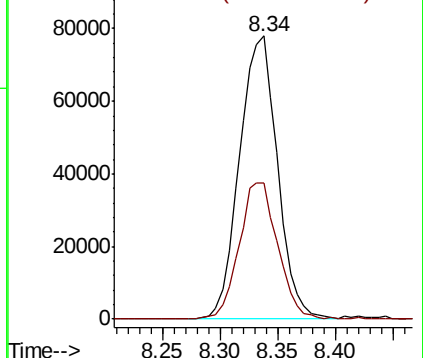
65 100

67 49.1 0.0 103.8



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: VD067254.D

Acq: 13 Oct 2020 16:09

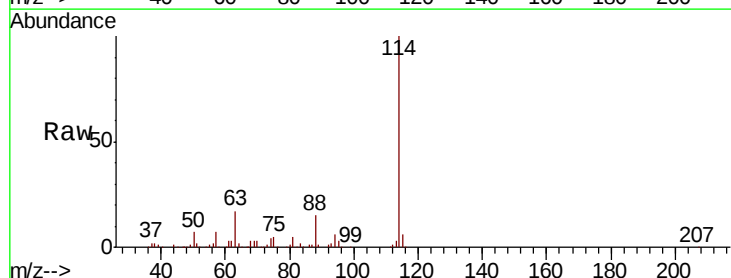
Tgt Ion: 114 Resp: 531106

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

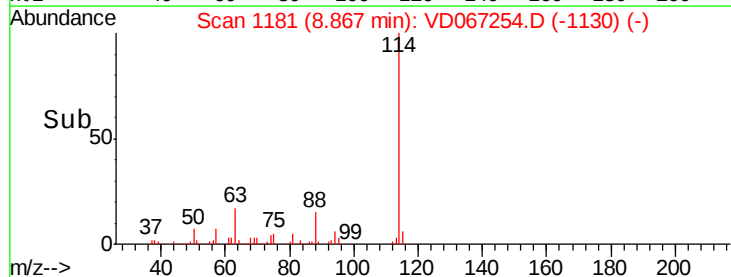
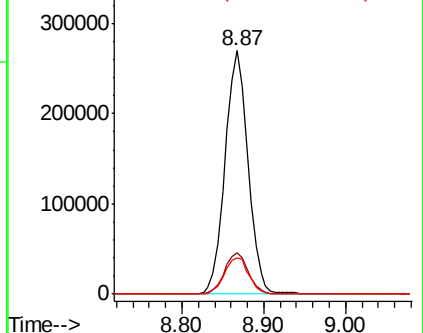
88 15.0 0.0 30.6

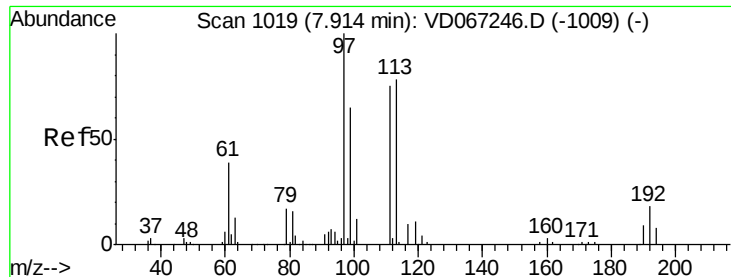


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

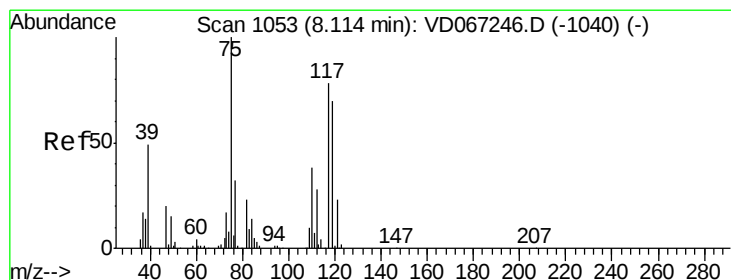
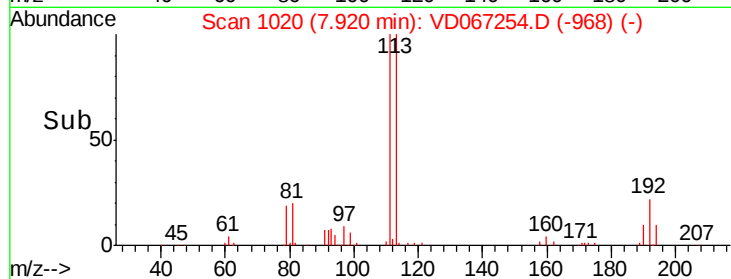
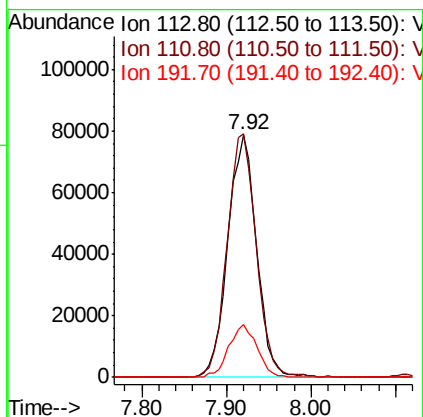
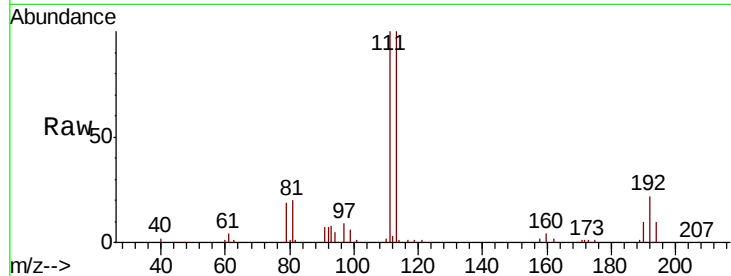




#35  
 Dibromofluoromethane  
 Concen: 52.128 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.01 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

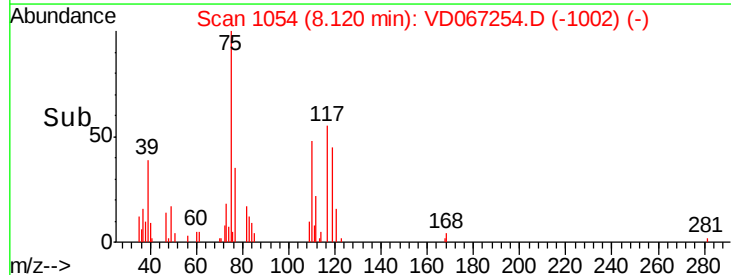
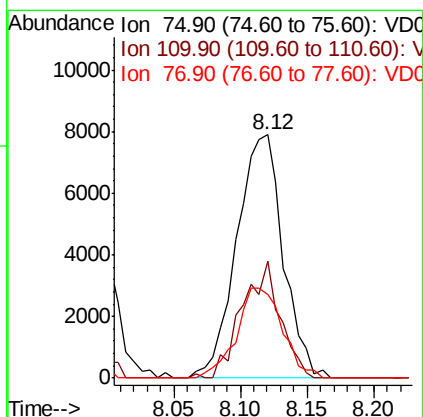
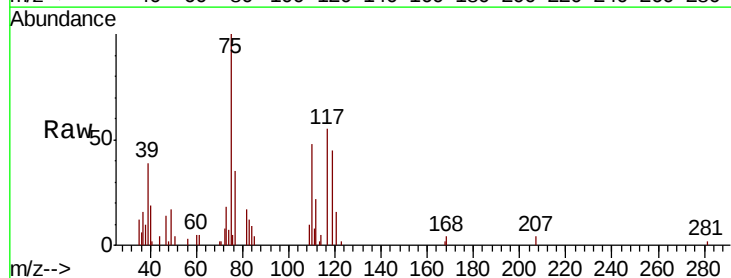
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1015

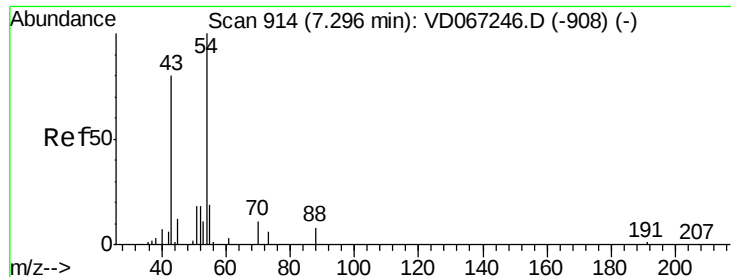
Tot Ion:113 Resp: 184246  
 Ion Ratio Lower Upper  
 113 100  
 111 101.6 81.6 122.4  
 192 21.2 17.0 25.4



#36  
 1,1-Dichloropropene  
 Concen: 4.228 ug/l  
 RT: 8.12 min Scan# 1054  
 Delta R.T. 0.01 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

Tgt Ion: 75 Resp: 19031  
 Ion Ratio Lower Upper  
 75 100  
 110 39.5 19.6 58.7  
 77 36.6 24.6 37.0

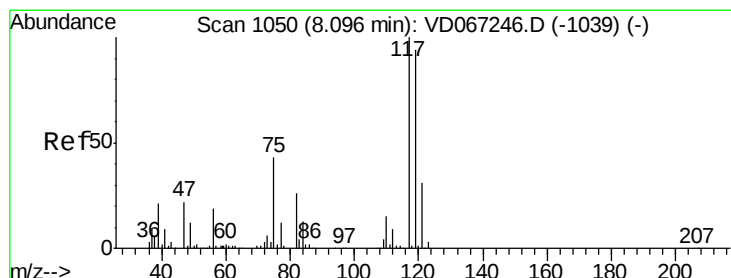
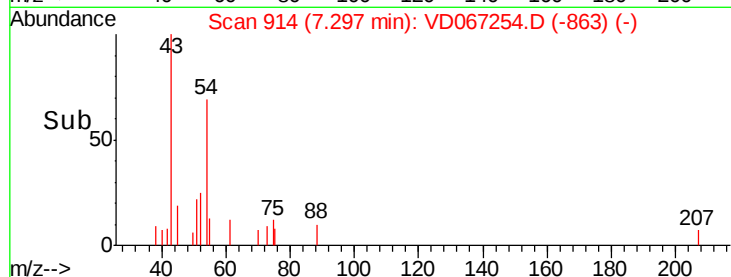
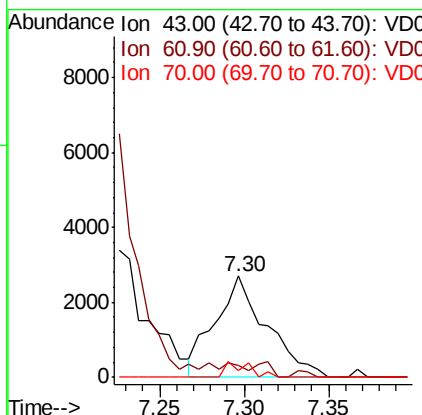
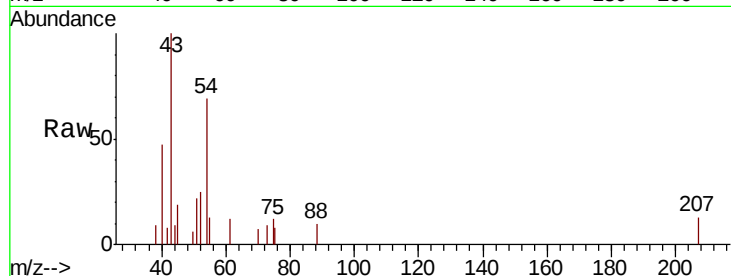




#37  
Ethyl Acetate  
Concen: 4.324 ug/l  
RT: 7.30 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

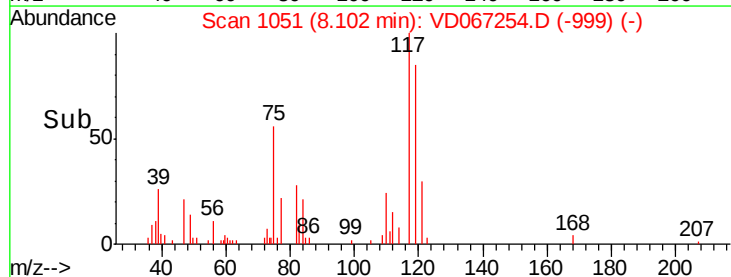
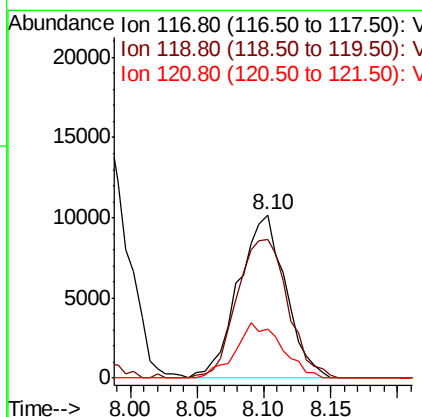
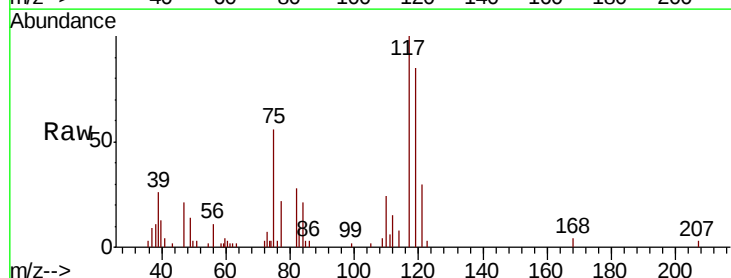
Instrument :  
MSVOA\_D  
ClientSampleID :  
VD1015

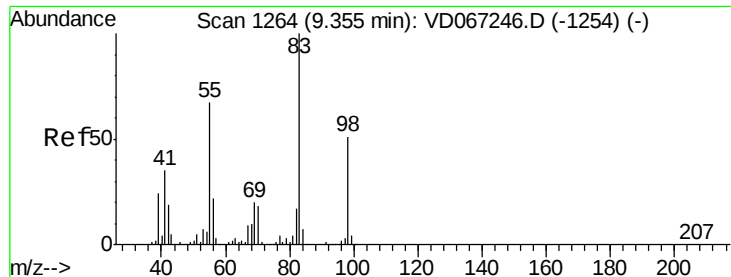
Tot Ion: 43 Resp: 5727  
Ion Ratio Lower Upper  
43 100  
61 0.0 15.6 23.4#  
70 7.0 10.4 15.6#



#38  
Carbon Tetrachloride  
Concen: 4.329 ug/l  
RT: 8.10 min Scan# 1051  
Delta R.T. 0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion: 117 Resp: 24905  
Ion Ratio Lower Upper  
117 100  
119 85.2 75.0 112.4  
121 29.8 24.9 37.3

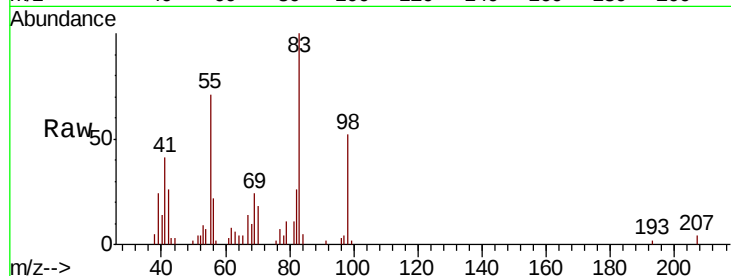




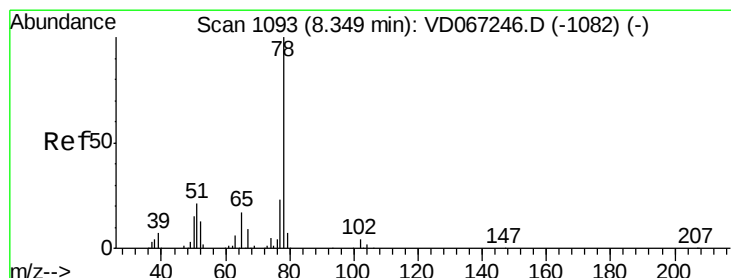
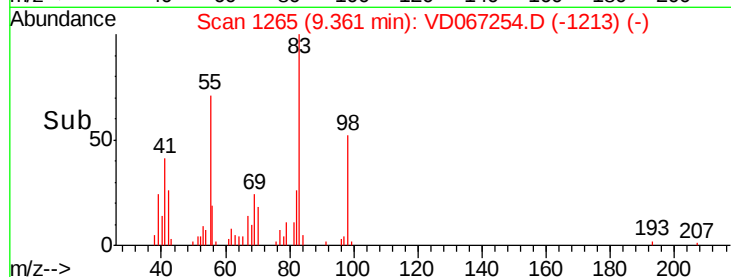
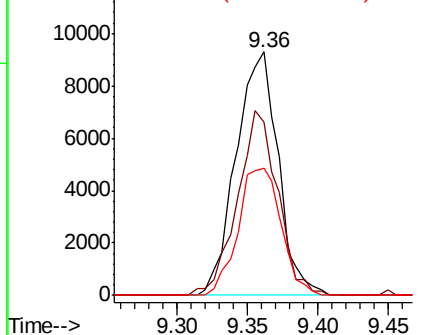
#39  
Methvlcvclohexane  
Concen: 4.125 ug/l  
RT: 9.36 min Scan# 1265  
Delta R.T. 0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1015

Tot Ion: 83 Resp: 19414  
Ion Ratio Lower Upper  
83 100  
55 70.9 53.3 79.9  
98 52.2 41.0 61.4

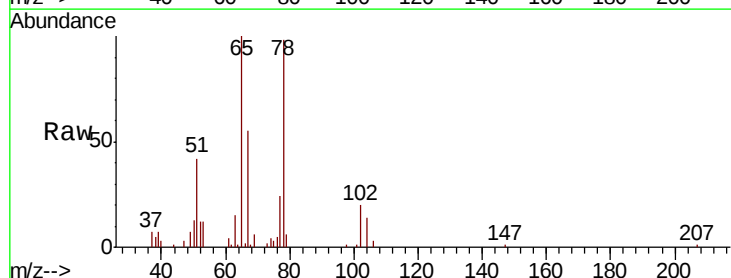


Abundance Ion 83.00 (82.70 to 83.70): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.00 (97.70 to 98.70): VDC

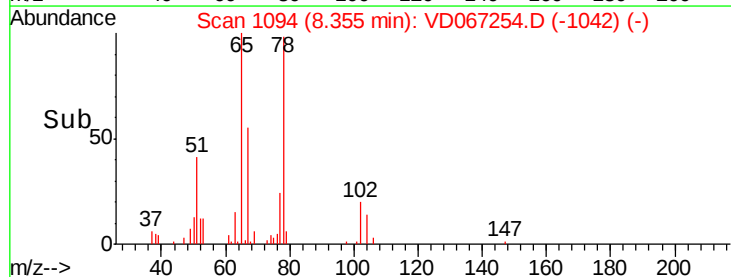
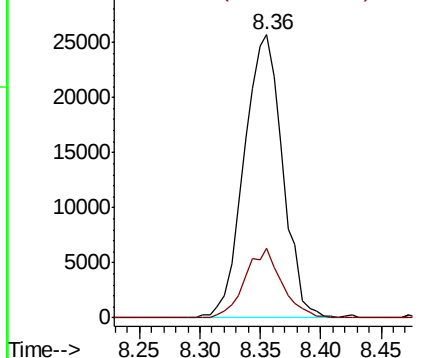


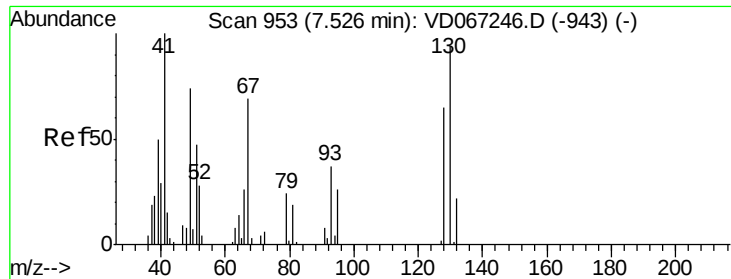
#40  
Benzene  
Concen: 4.637 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. 0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion: 78 Resp: 57260  
Ion Ratio Lower Upper  
78 100  
77 24.4 18.3 27.5



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

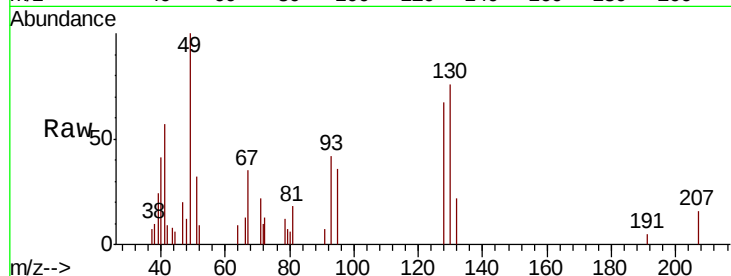




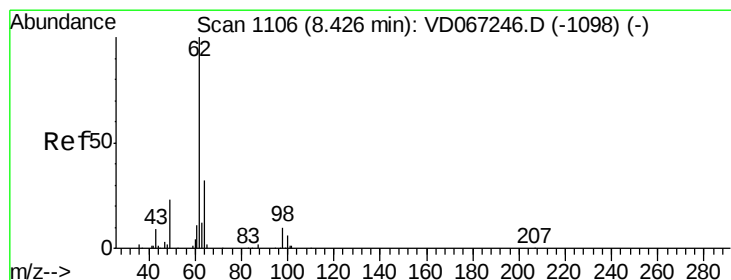
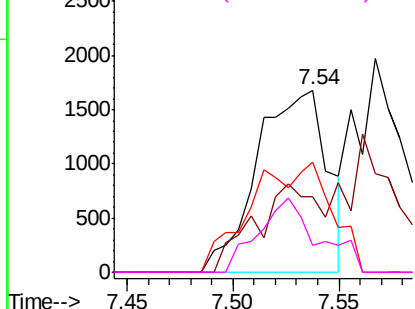
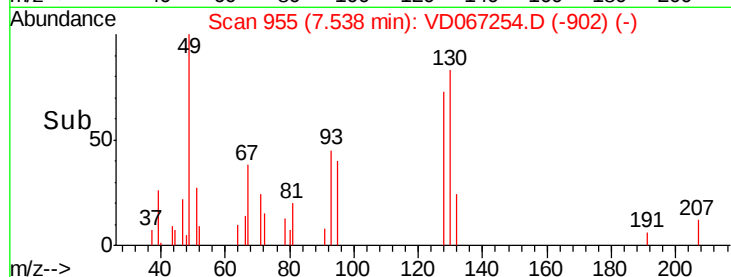
#41  
Methacrylonitrile  
Concen: 5.476 ug/l  
RT: 7.54 min Scan# 955  
Delta R.T. 0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1015

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 3919   |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 44.0  | 60.0  | 90.0#  |
| 67       | 0.0   | 88.9  | 133.3# |
| 52       | 34.1  | 36.9  | 55.3#  |

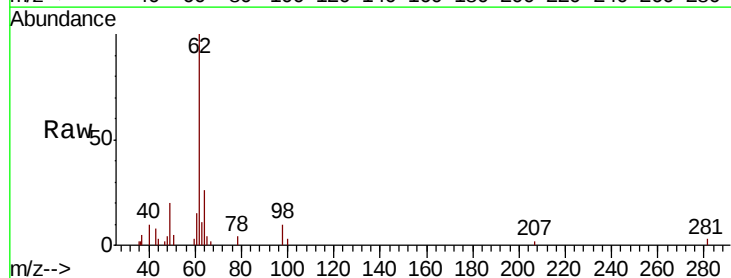


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

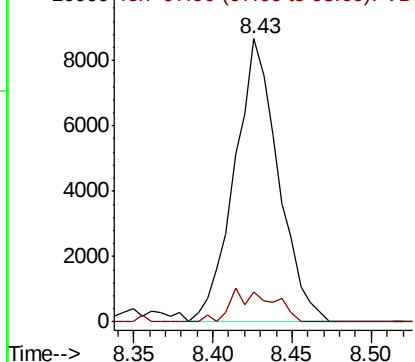
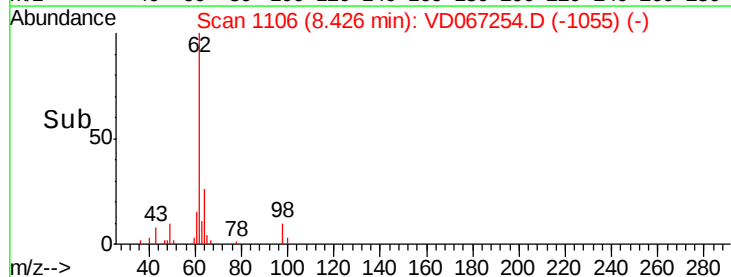


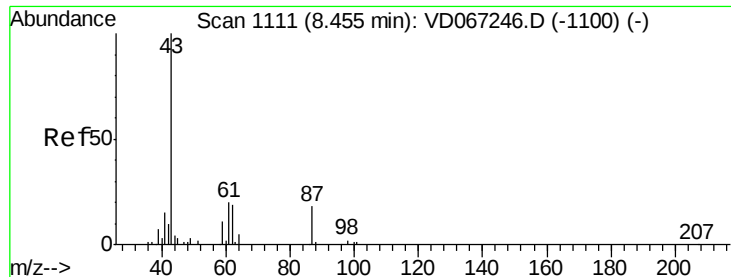
#42  
1,2-Dichloroethane  
Concen: 4.293 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 16591 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 11.0  | 0.0   | 19.4  |



Abundance Ion 61.90 (61.60 to 62.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 3.847 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VD1015

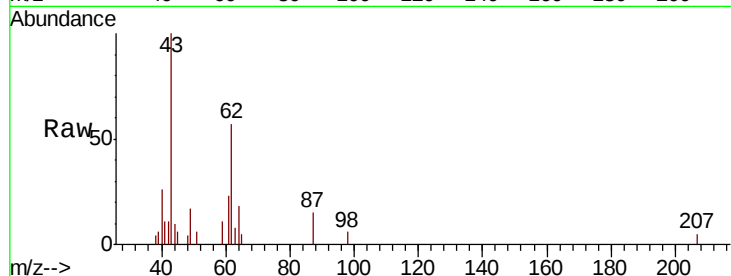
Tot Ion: 43 Resp: 10109

Ion Ratio Lower Upper

43 100

61 46.9 29.5 44.3#

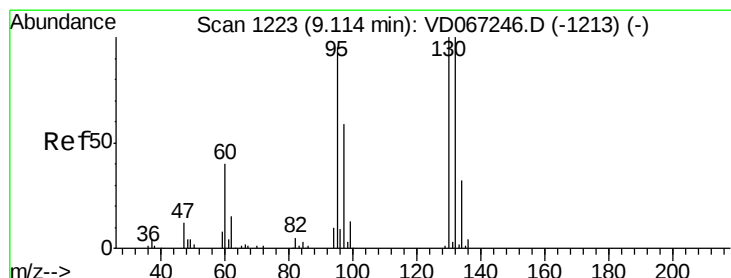
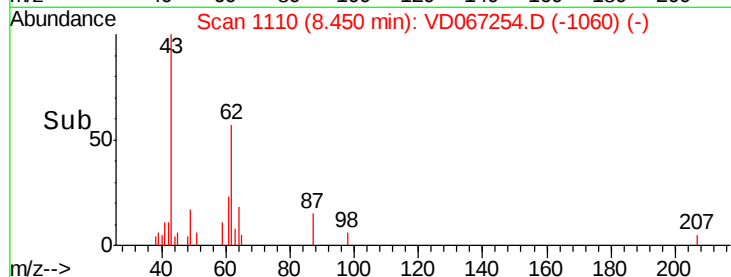
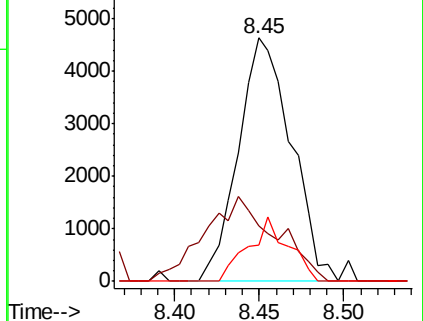
87 19.7 14.2 21.4



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: 4.430 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067254.D

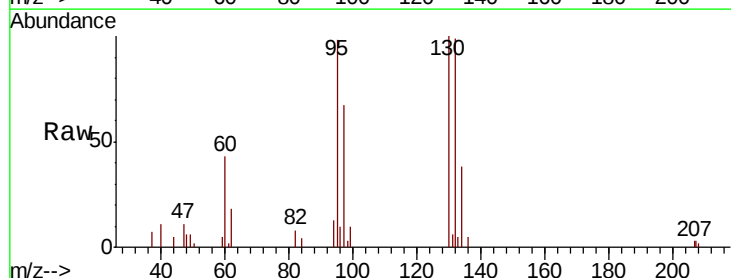
Acq: 13 Oct 2020 16:09

Tgt Ion: 130 Resp: 17514

Ion Ratio Lower Upper

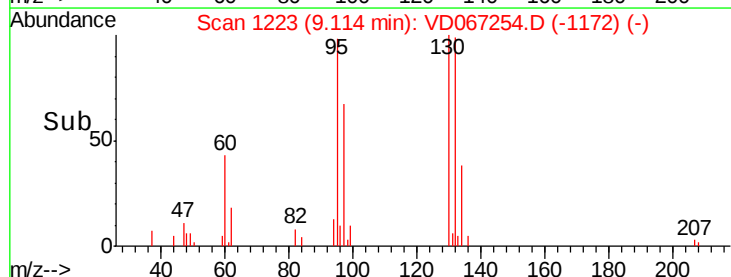
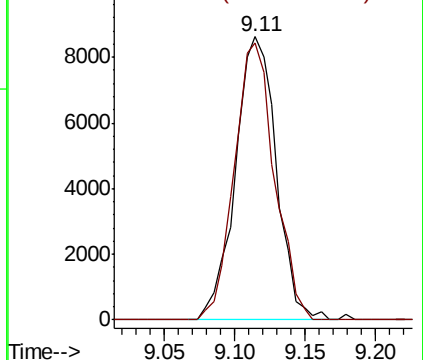
130 100

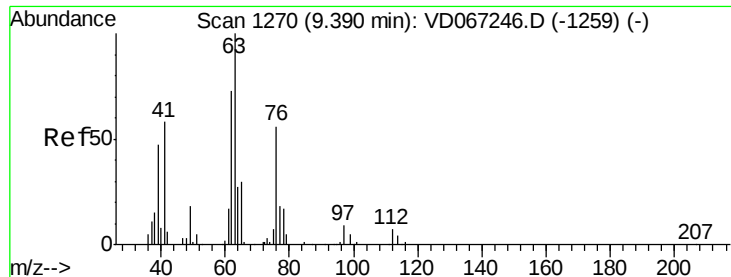
95 98.0 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 4.232 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

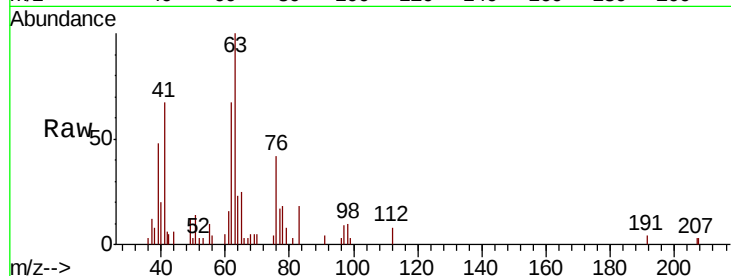
VD1015

Tot Ion: 63 Resp: 12112

Ion Ratio Lower Upper

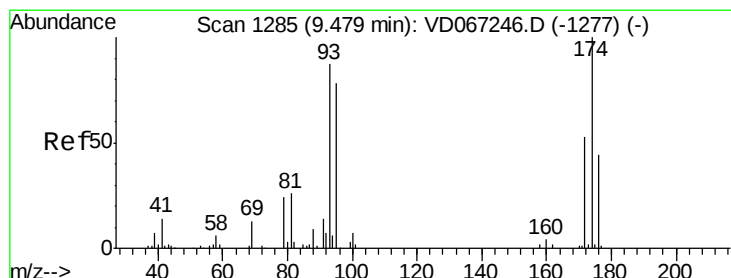
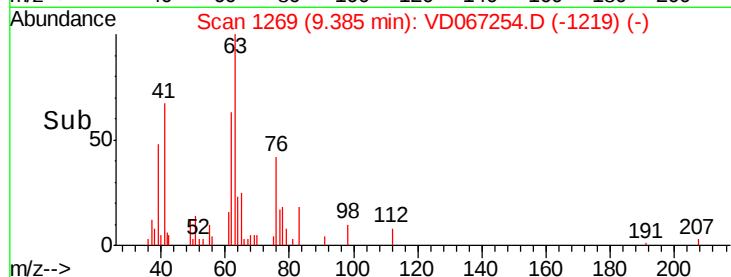
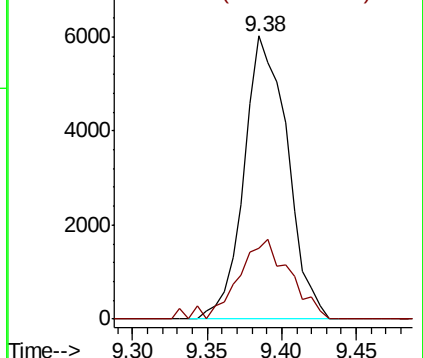
63 100

65 24.9 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 4.199 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

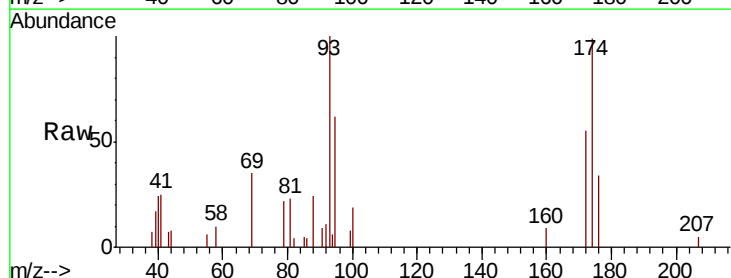
Tgt Ion: 93 Resp: 7488

Ion Ratio Lower Upper

93 100

95 84.0 68.0 102.0

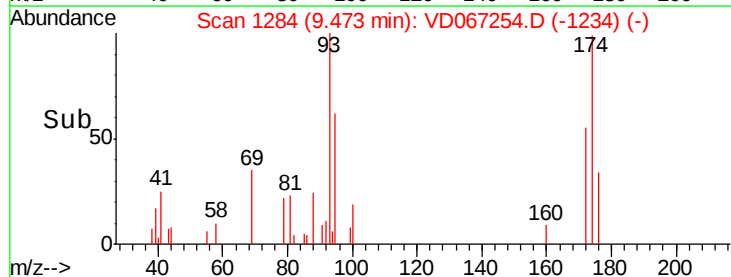
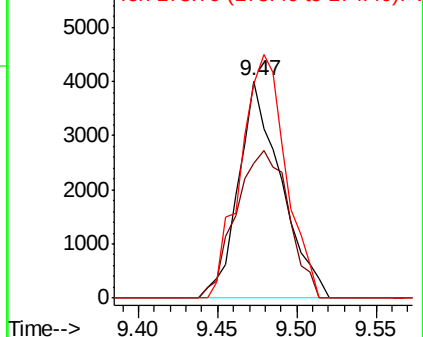
174 119.1 91.8 137.6

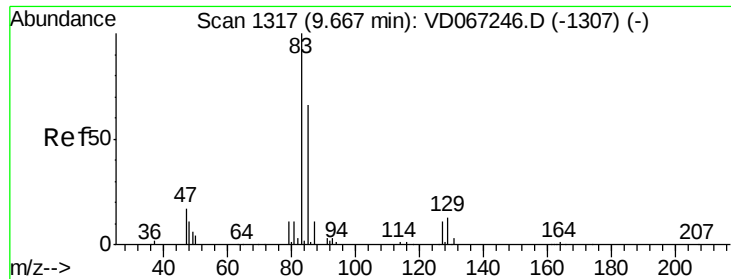


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

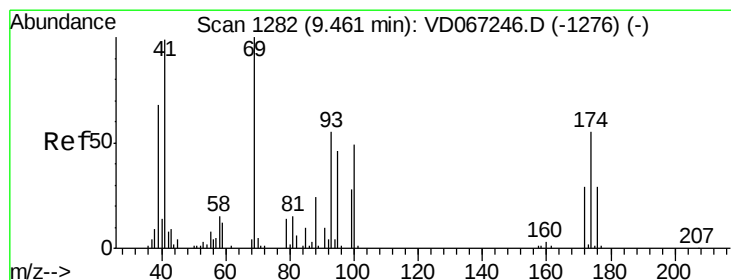
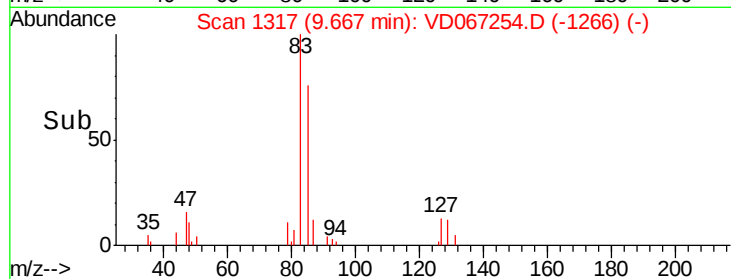
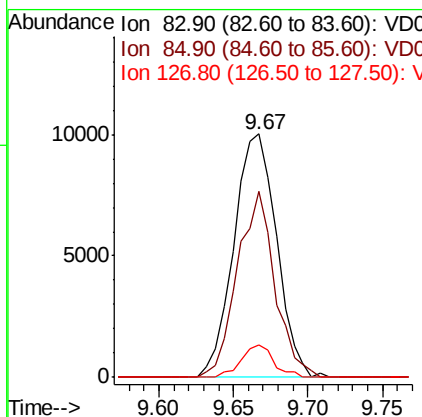
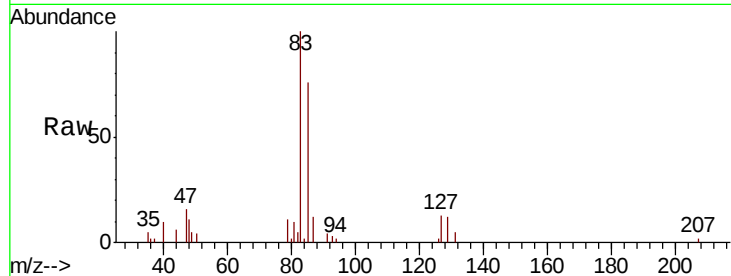




#47  
Bromodichloromethane  
Concen: 4.176 ug/l  
RT: 9.67 min Scan# 1317  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

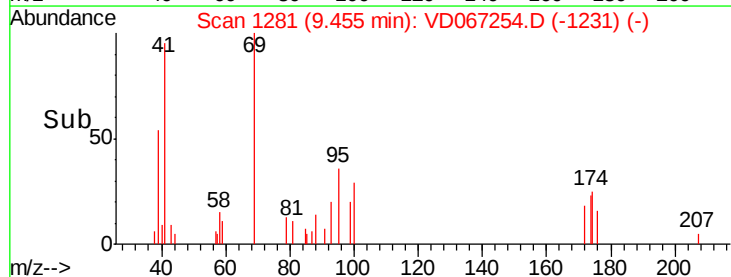
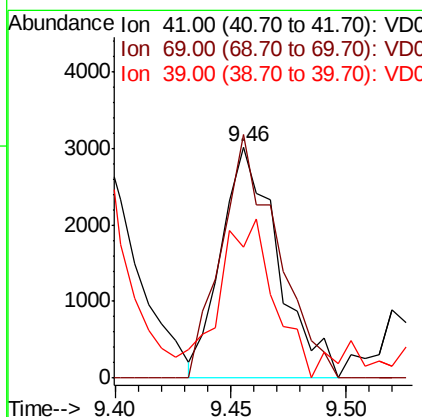
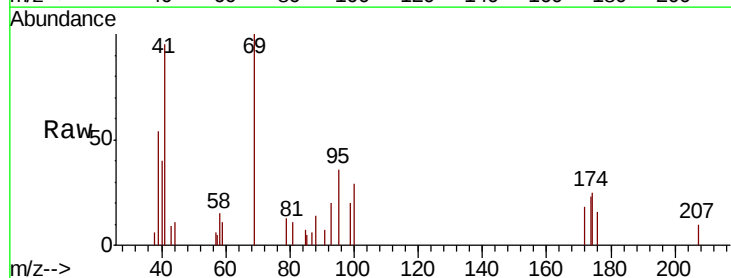
Instrument :  
MSVOA\_D  
ClientSampled :  
VD1015

Tot Ion: 83 Resp: 19949  
Ion Ratio Lower Upper  
83 100  
85 76.5 53.1 79.7  
127 13.2 8.6 13.0#



#48  
Methyl methacrylate  
Concen: 4.048 ug/l  
RT: 9.46 min Scan# 1281  
Delta R.T. -0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion: 41 Resp: 5170  
Ion Ratio Lower Upper  
41 100  
69 104.4 89.0 133.6  
39 66.4 60.2 90.2

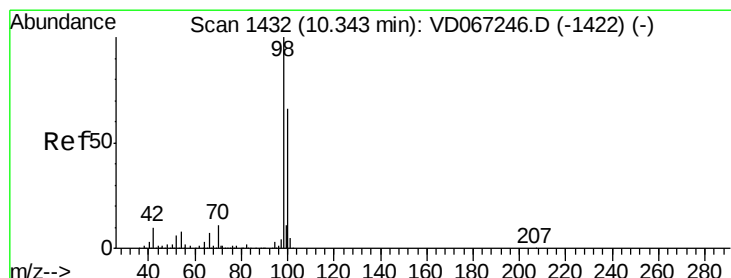
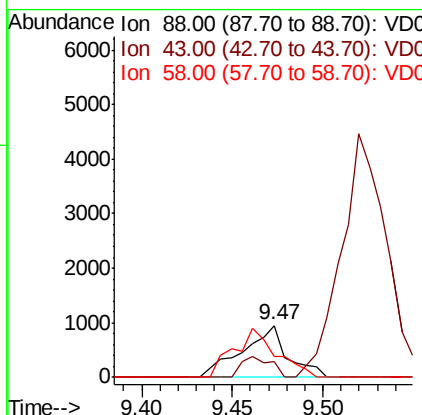
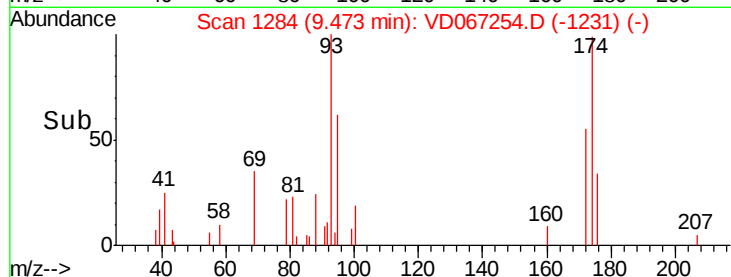
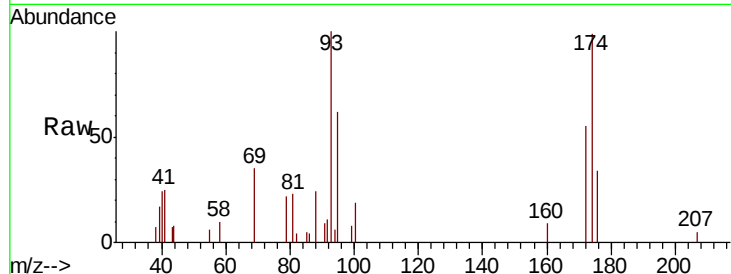




#49  
1,4-Dioxane  
Concen: 88.017 ug/l  
RT: 9.47 min Scan# 1284  
Delta R.T. 0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

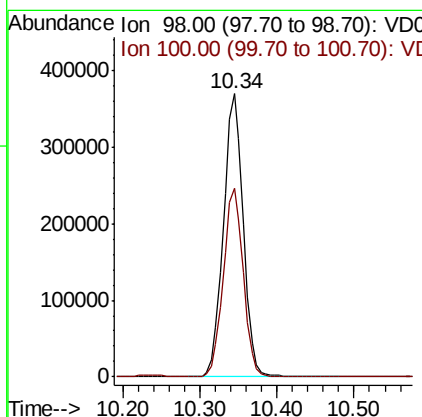
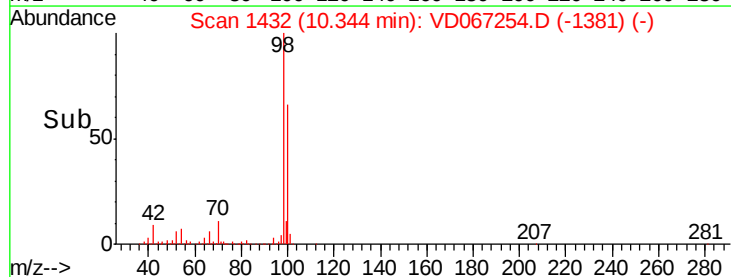
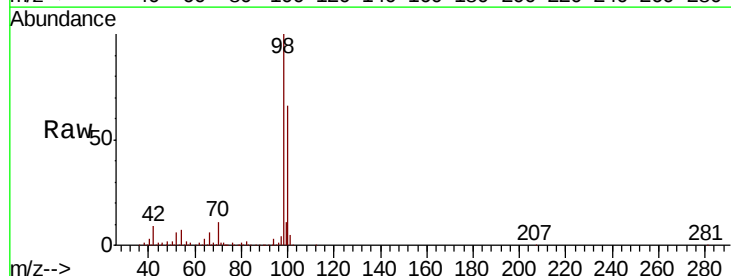
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1015

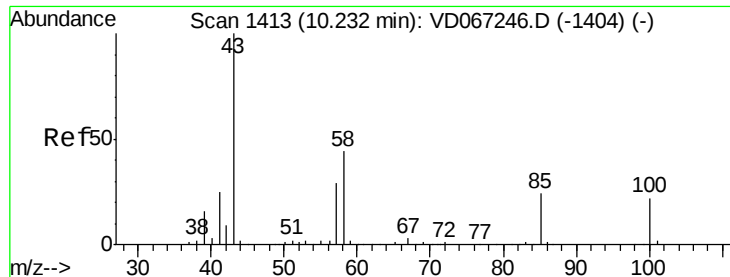
Tot Ion: 88 Resp: 1652  
Ion Ratio Lower Upper  
88 100  
43 26.5 23.9 35.9  
58 89.2 51.0 76.6#



#50  
Toluene-d8  
Concen: 51.762 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion: 98 Resp: 662098  
Ion Ratio Lower Upper  
98 100  
100 67.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 19.673 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

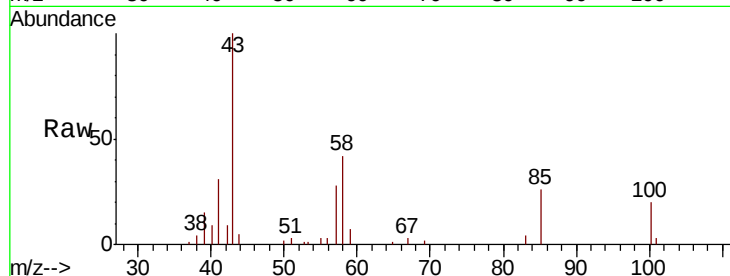
VD1015

Tot Ion: 43 Resp: 25787

Ion Ratio Lower Upper

43 100

58 42.3 35.7 53.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

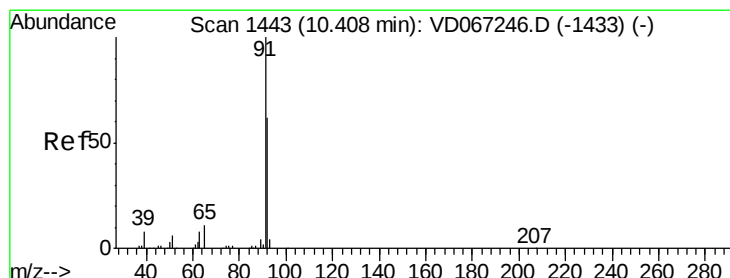
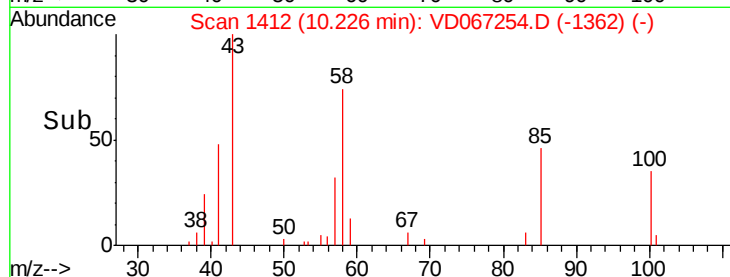
15000

10000

5000

0

Time--> 10.15 10.20 10.25 10.30



#52

Toluene

Concen: 4.603 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD067254.D

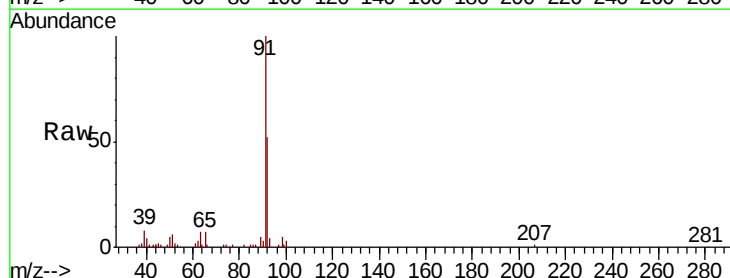
Acq: 13 Oct 2020 16:09

Tgt Ion: 92 Resp: 38713

Ion Ratio Lower Upper

92 100

91 174.5 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

40000

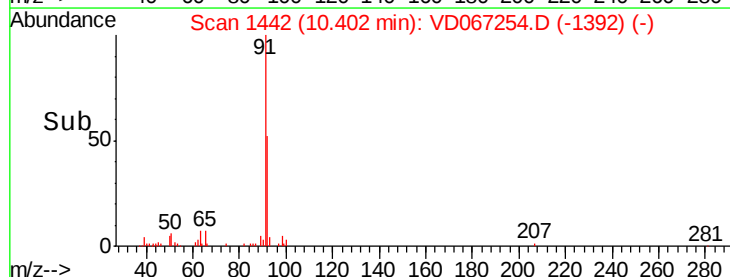
30000

20000

10000

0

Time--> 10.35 10.40 10.45





#53

t-1,3-Dichloropropene

Concen: 4.007 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

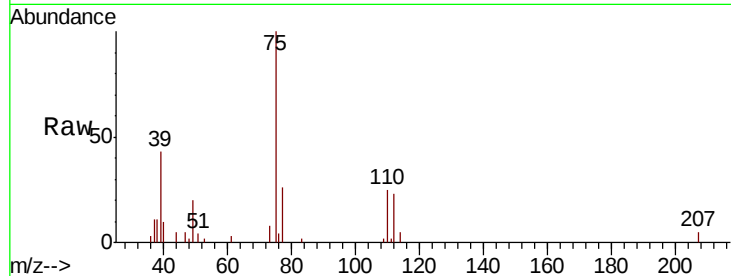
VD1015

Tot Ion: 75 Resp: 16817

Ion Ratio Lower Upper

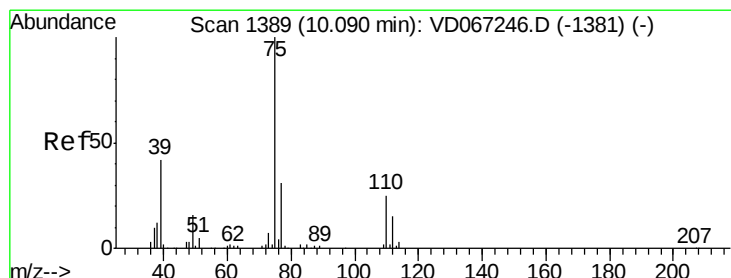
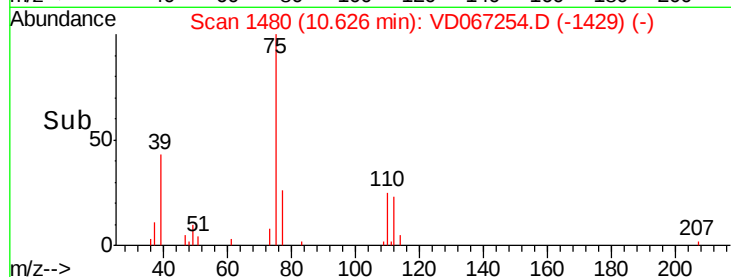
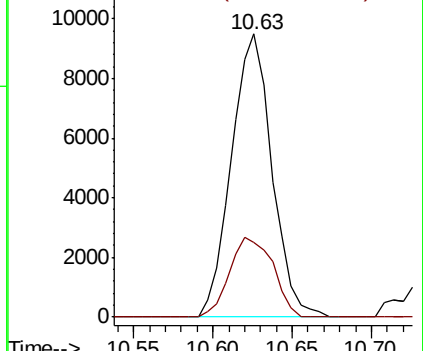
75 100

77 26.5 26.5 39.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 3.961 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

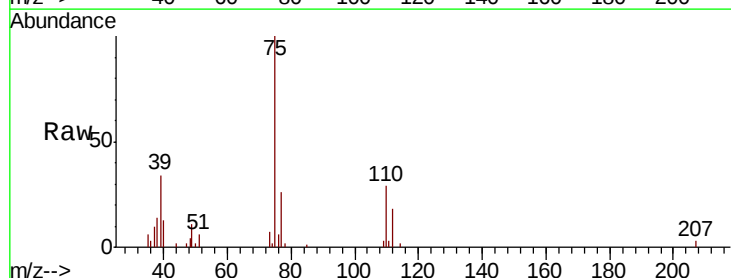
Tgt Ion: 75 Resp: 19453

Ion Ratio Lower Upper

75 100

77 25.7 24.5 36.7

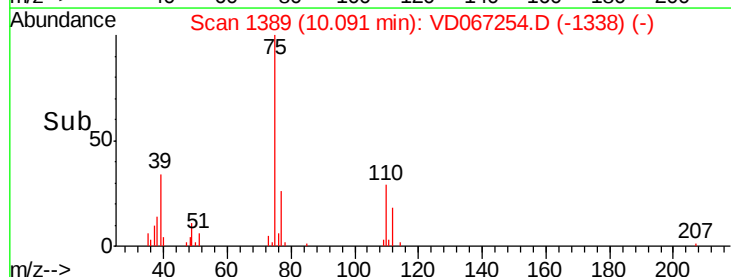
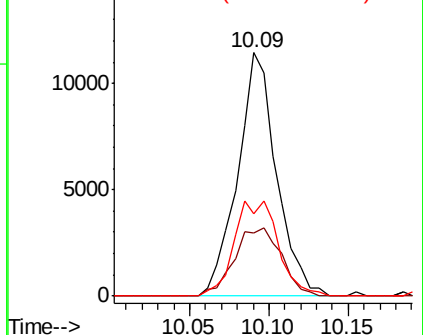
39 33.7 33.7 50.5

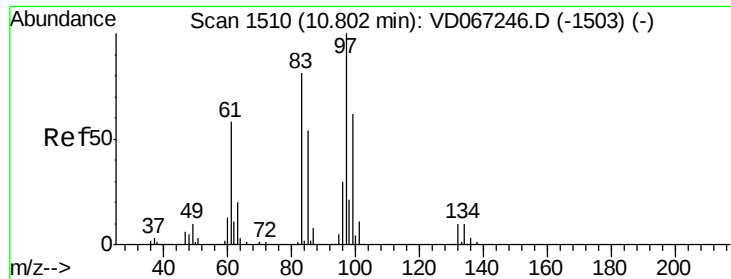


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

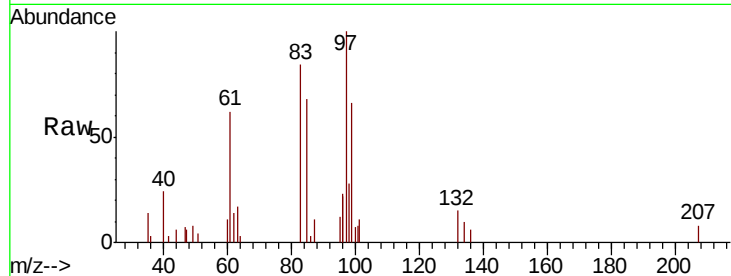




#55  
 1,1,2-Trichloroethane  
 Concen: 4.172 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1015

| Tot Ion | 97    | Resp  | 10144 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 84.2  | 64.9  | 97.3  |
| 85      | 68.2  | 43.3  | 64.9# |
| 99      | 66.0  | 49.1  | 73.7  |



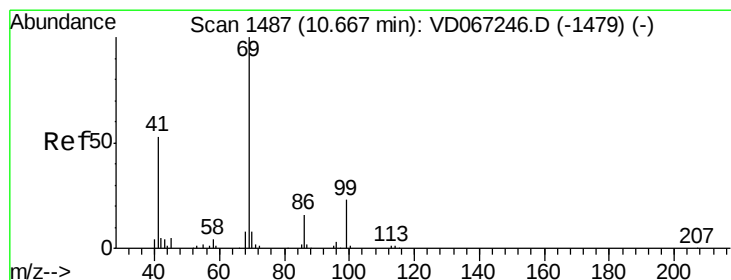
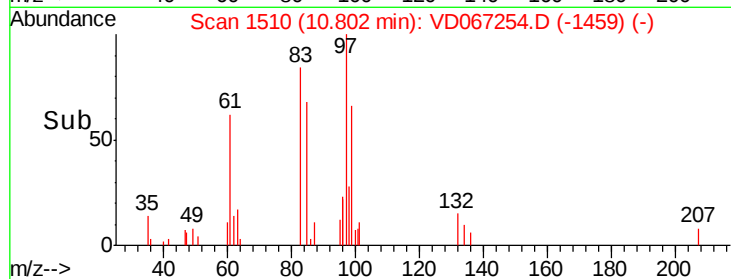
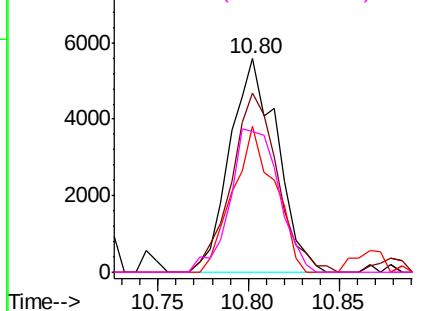
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

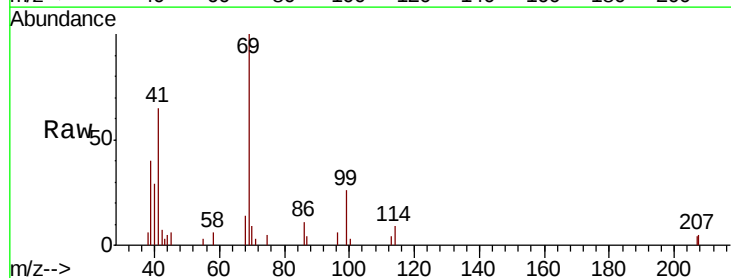
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56  
 Ethyl methacrylate  
 Concen: 3.819 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. -0.01 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

| Tgt Ion | 69    | Resp  | 9630  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 69      | 100   |       |       |
| 41      | 59.6  | 44.7  | 67.1  |
| 39      | 34.7  | 26.2  | 39.2  |

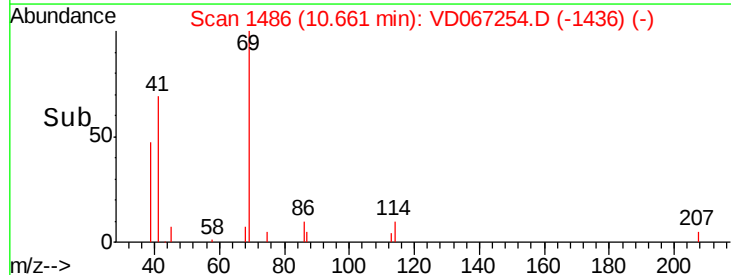
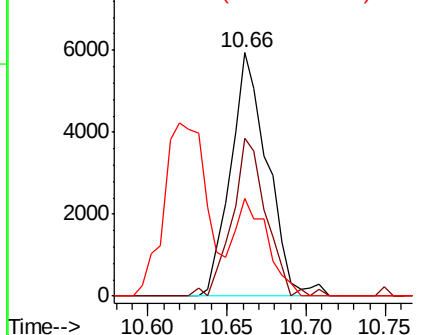


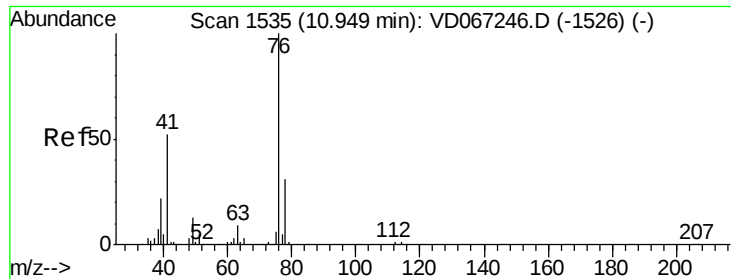
Abundance

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

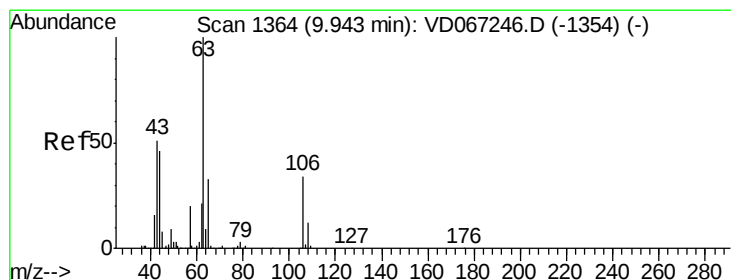
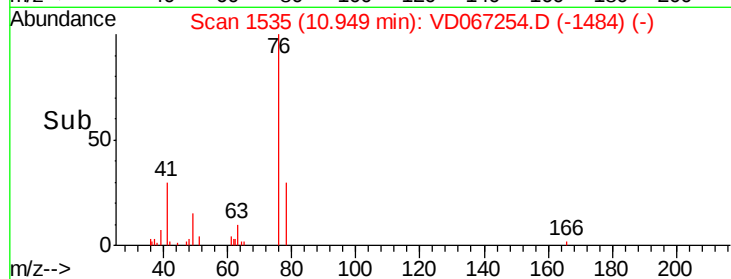
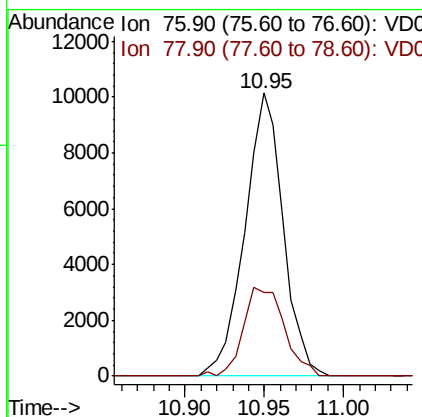
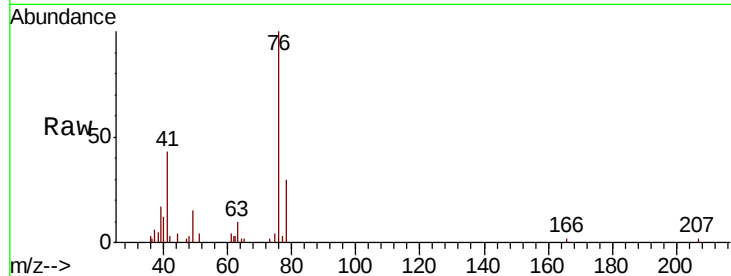




#57  
 1,3-Dichloropropane  
 Concen: 4.399 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

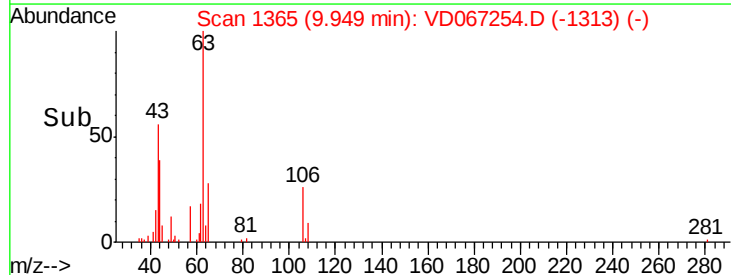
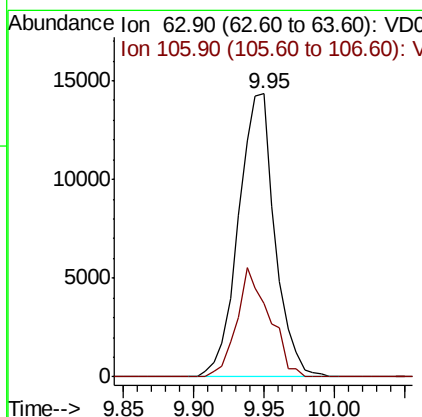
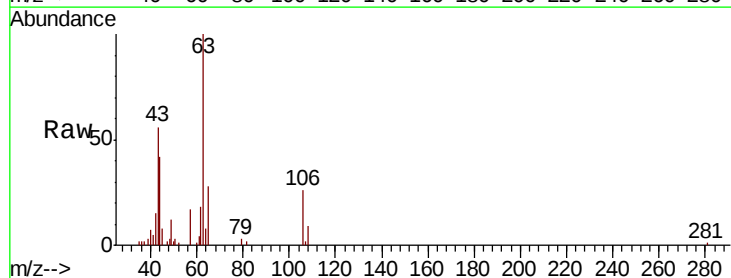
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1015

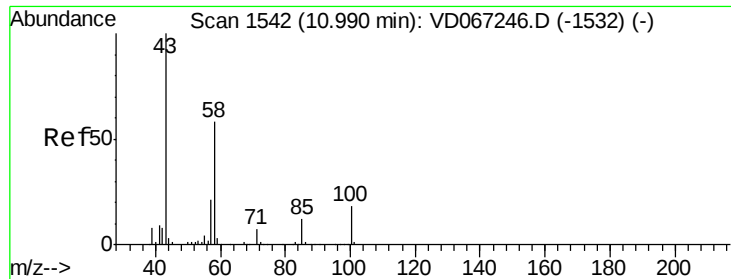
Tot Ion: 76 Resp: 17023  
 Ion Ratio Lower Upper  
 76 100  
 78 33.6 26.8 40.2



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 19.977 ug/l  
 RT: 9.95 min Scan# 1365  
 Delta R.T. 0.01 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

Tgt Ion: 63 Resp: 25844  
 Ion Ratio Lower Upper  
 63 100  
 106 34.6 27.8 41.6

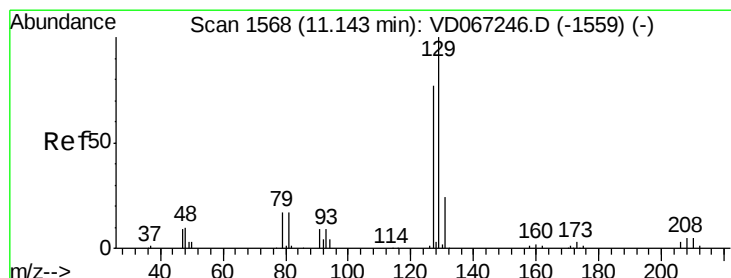
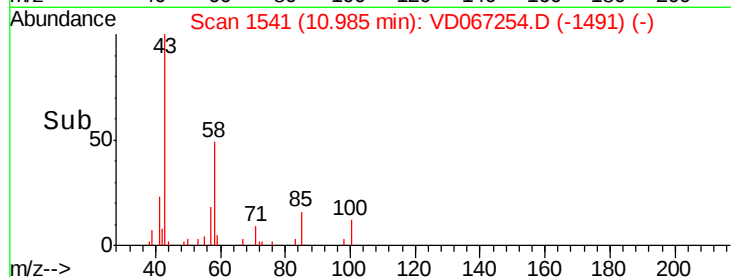
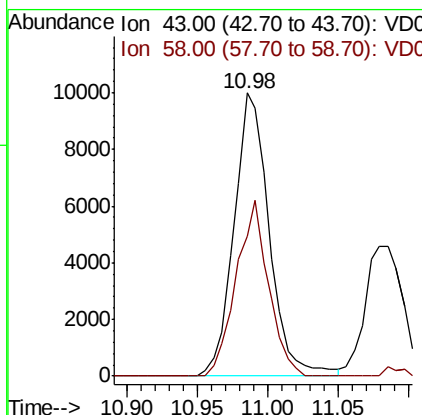
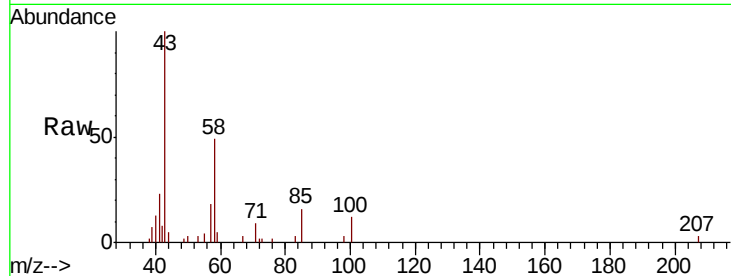




#59  
2-Hexanone  
Concen: 19.463 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. -0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

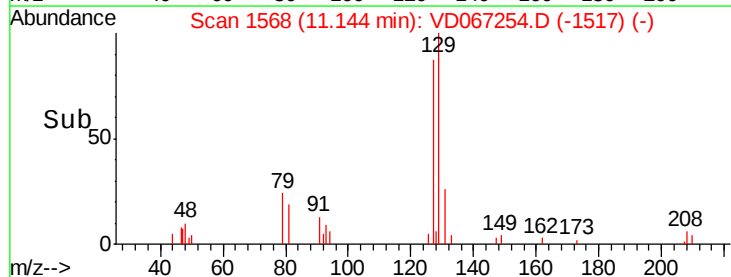
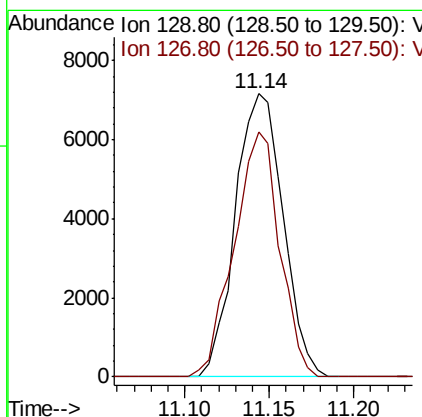
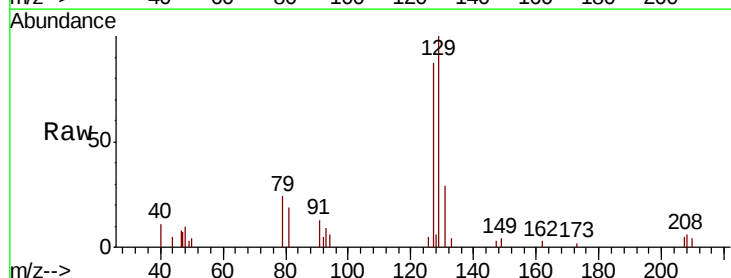
Instrument :  
MSVOA\_D  
ClientSampled :  
VD1015

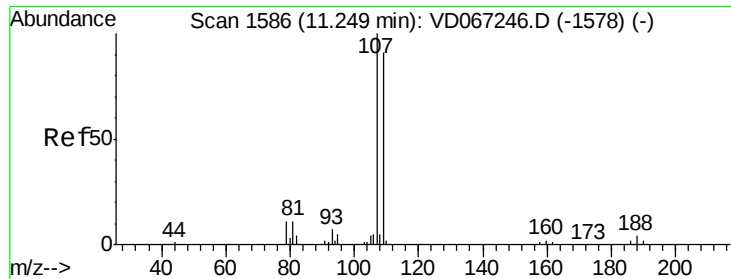
Tot Ion: 43 Resp: 17433  
Ion Ratio Lower Upper  
43 100  
58 56.8 29.3 87.9



#60  
Dibromochloromethane  
Concen: 3.973 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion: 129 Resp: 14088  
Ion Ratio Lower Upper  
129 100  
127 82.7 38.3 114.8

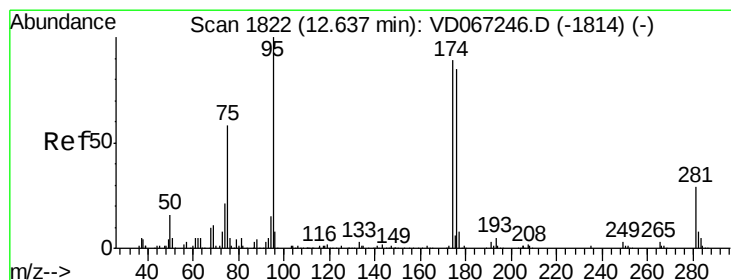
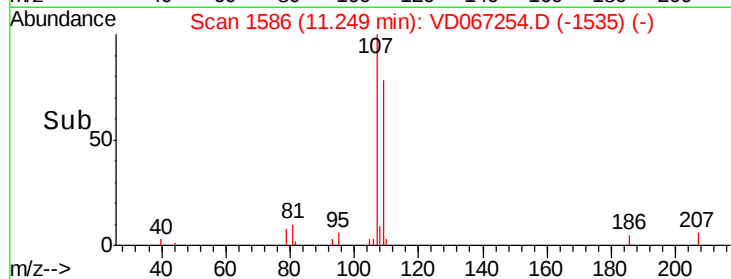
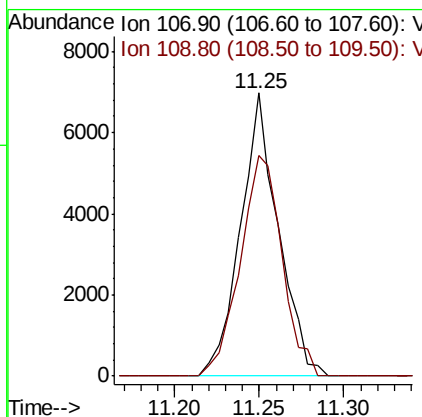
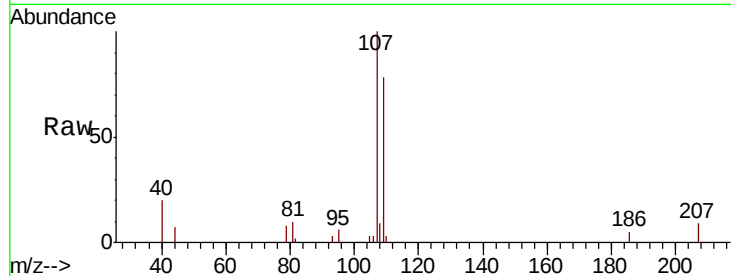




#61  
 1,2-Dibromoethane  
 Concen: 4.544 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

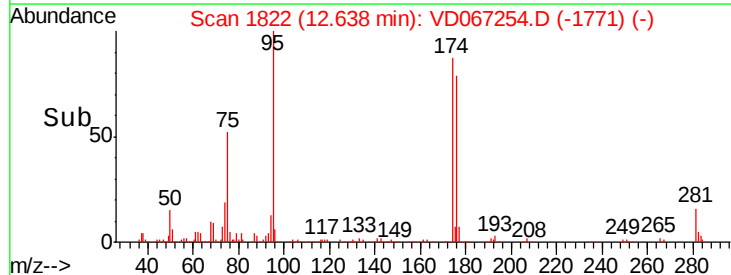
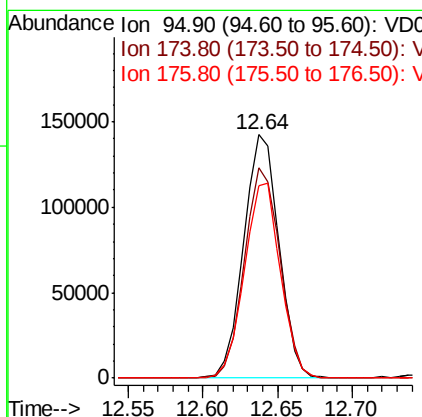
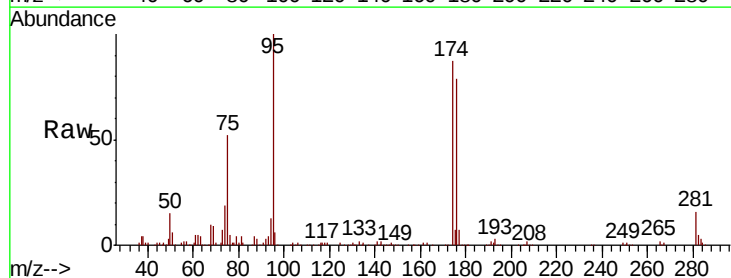
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1015

Tot Ion: 107 Resp: 10893  
 Ion Ratio Lower Upper  
 107 100  
 109 85.9 74.6 112.0



#62  
 4-Bromofluorobenzene  
 Concen: 52.199 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

Tgt Ion: 95 Resp: 232167  
 Ion Ratio Lower Upper  
 95 100  
 174 87.6 0.0 175.2  
 176 82.0 0.0 168.6

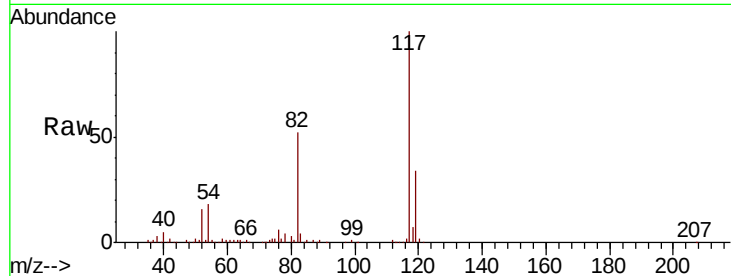




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1015

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.0  | 39.9  | 59.9  |
| 119     | 33.7  | 24.9  | 37.3  |

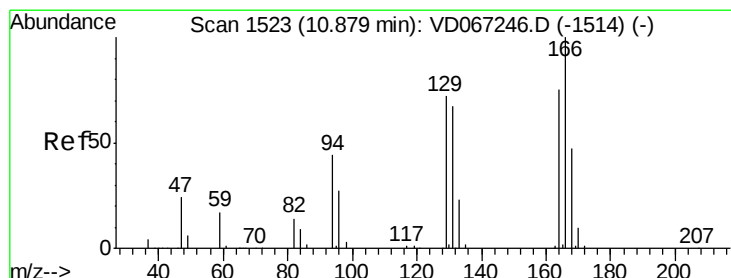
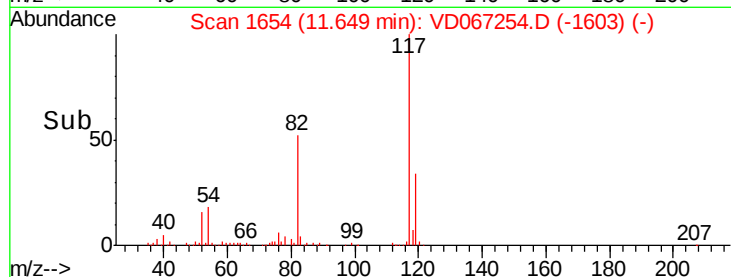
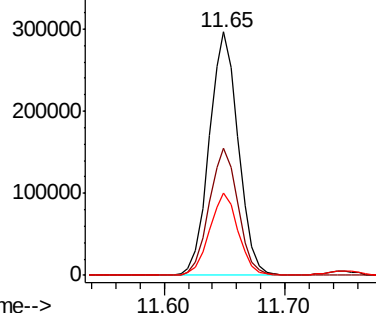


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 4.786 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 164     | 100   |       |        |
| 166     | 106.6 | 107.3 | 160.9# |
| 129     | 93.0  | 77.3  | 115.9  |
| 131     | 89.2  | 71.4  | 107.2  |

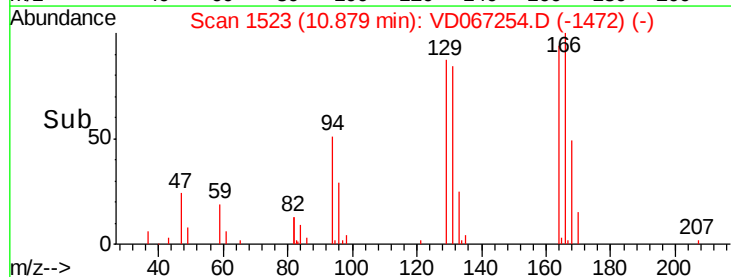
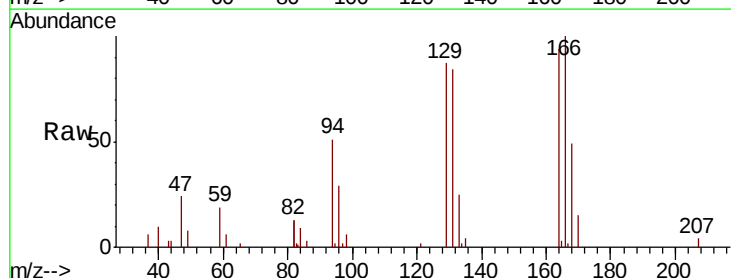
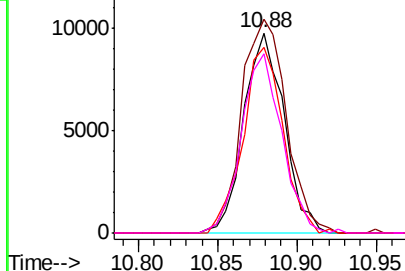
Abundance

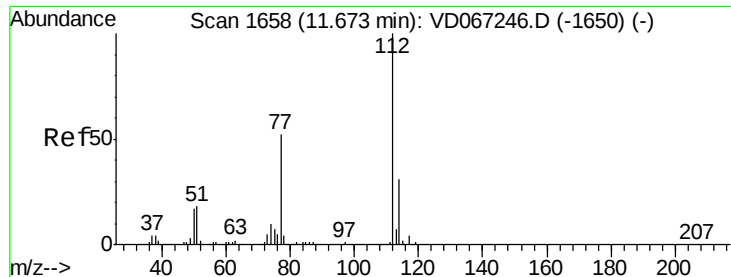
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

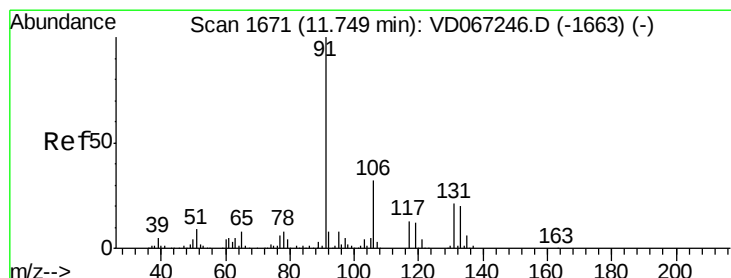
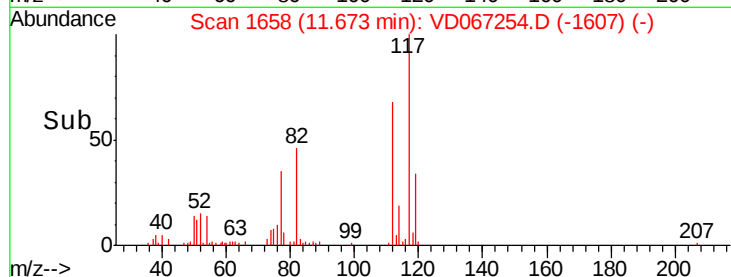
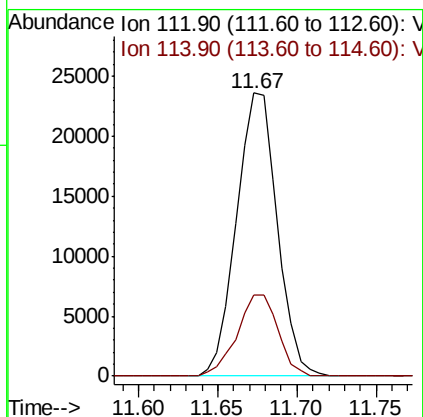
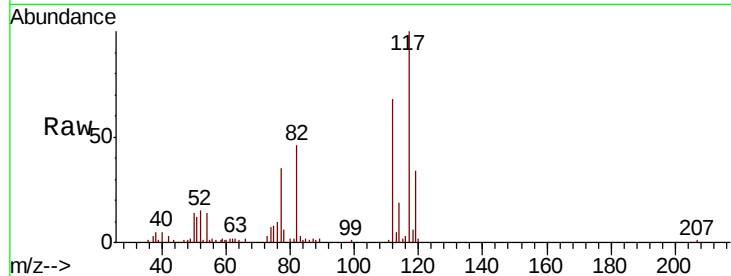




#65  
Chlorobenzene  
Concen: 4.413 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

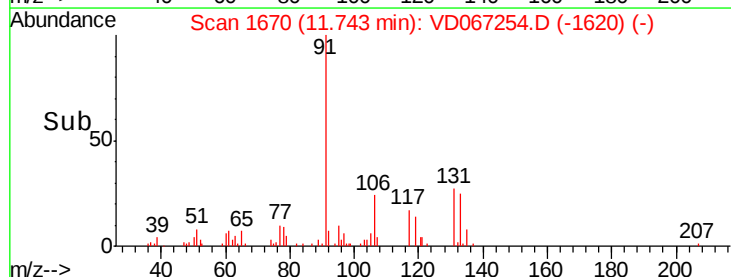
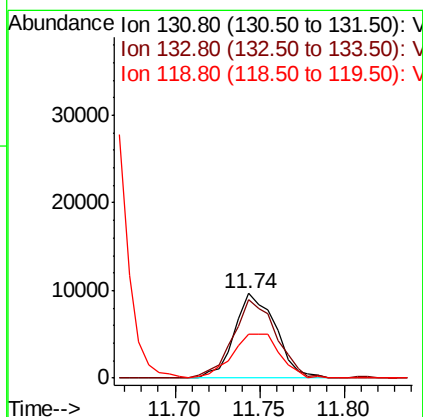
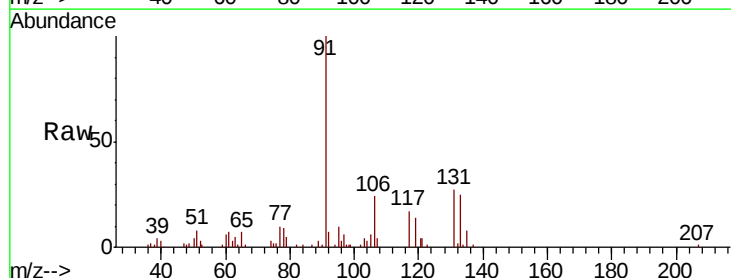
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1015

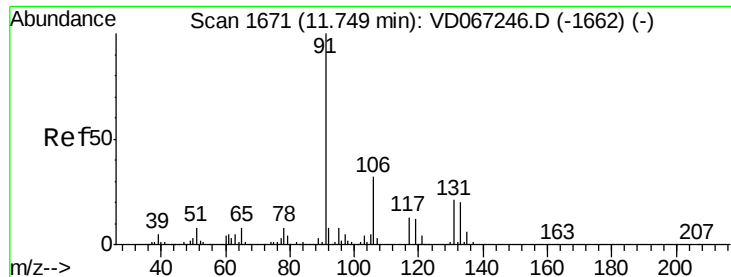
Tot Ion:112 Resp: 42042  
Ion Ratio Lower Upper  
112 100  
114 28.5 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.312 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. -0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion:131 Resp: 16325  
Ion Ratio Lower Upper  
131 100  
133 97.8 48.1 144.3  
119 60.8 30.0 90.0

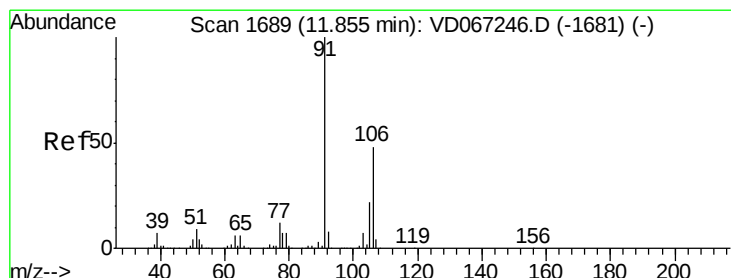
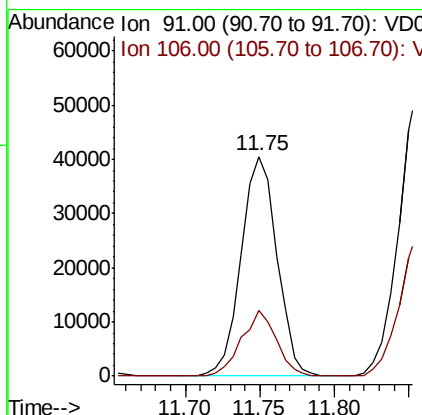
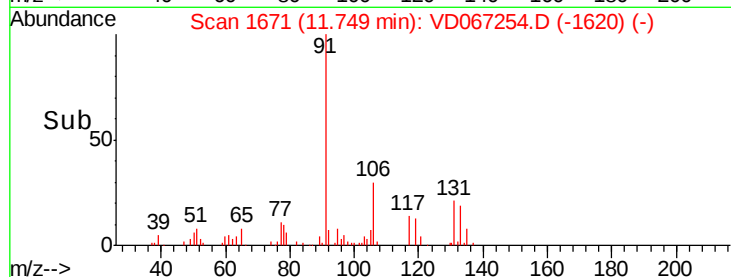
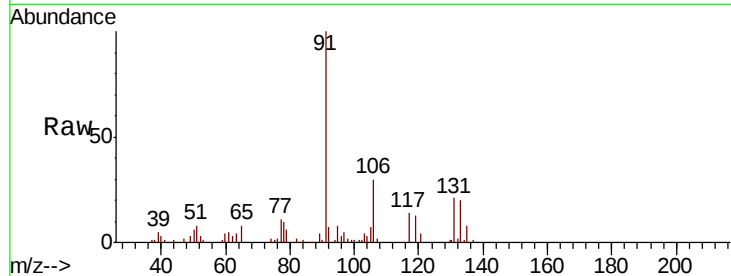




#67  
Ethyl Benzene  
Concen: 4.125 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

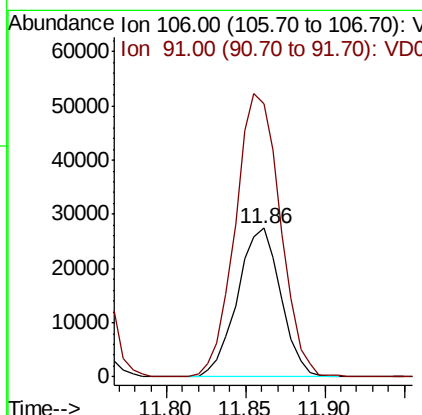
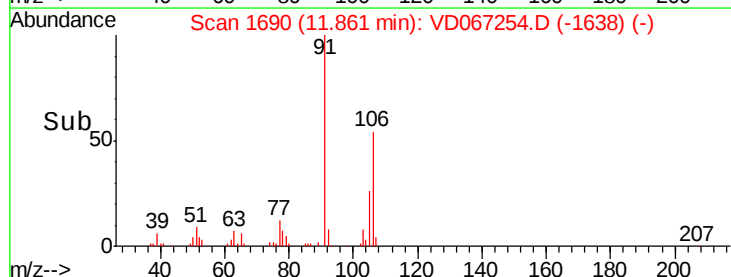
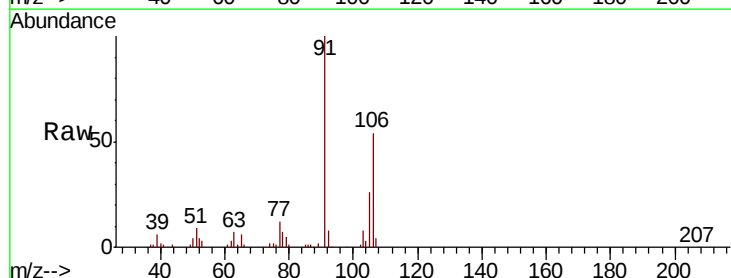
Instrument :  
MSVOA\_D  
ClientSampleID :  
VD1015

Tot Ion: 91 Resp: 67366  
Ion Ratio Lower Upper  
91 100  
106 30.2 25.4 38.0



#68  
m/p-Xylenes  
Concen: 8.277 ug/l  
RT: 11.86 min Scan# 1690  
Delta R.T. 0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion: 106 Resp: 52052  
Ion Ratio Lower Upper  
106 100  
91 198.2 163.8 245.8

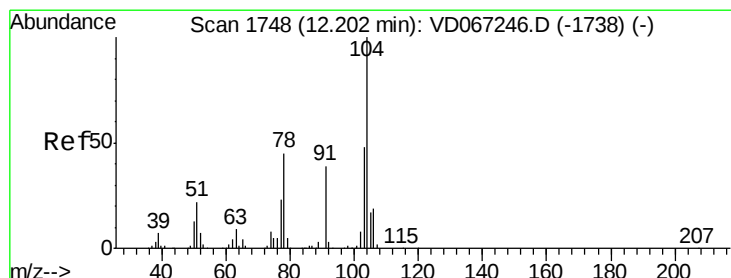
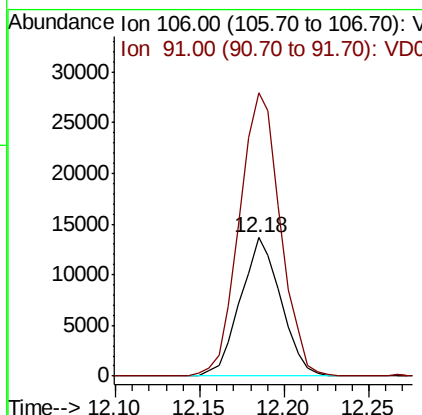
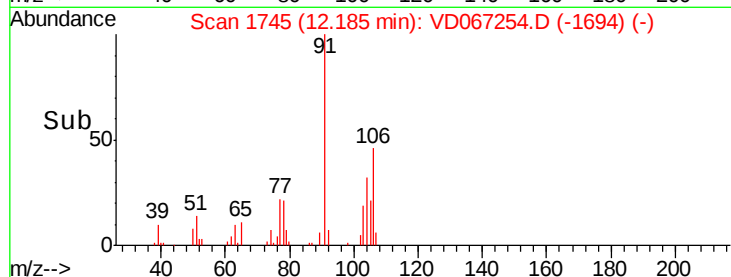
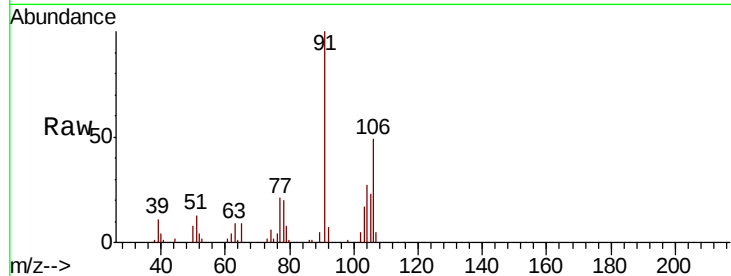




#69  
o-Xylene  
Concen: 3.908 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

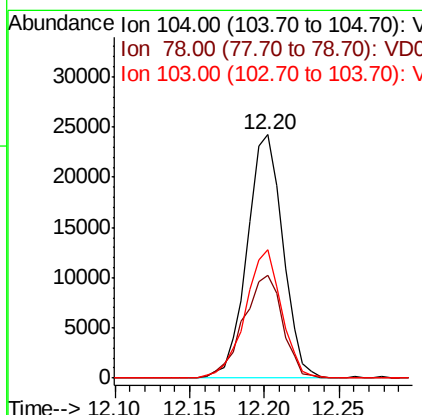
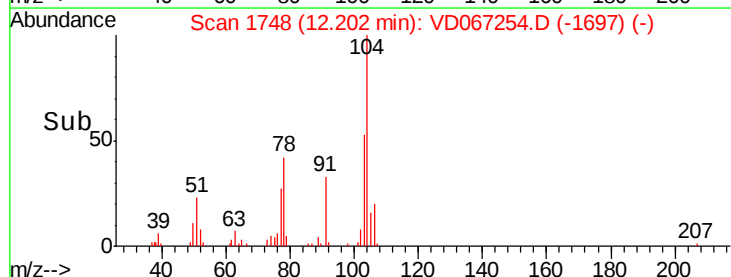
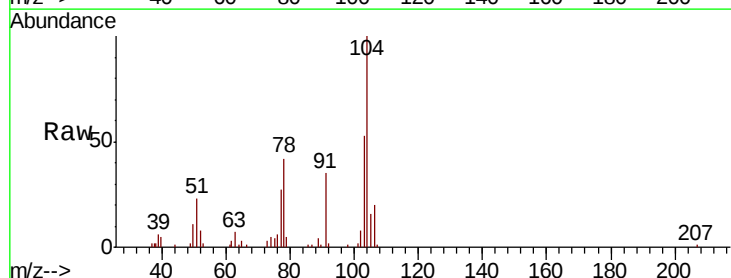
Instrument :  
MSVOA\_D  
ClientSampled :  
VD1015

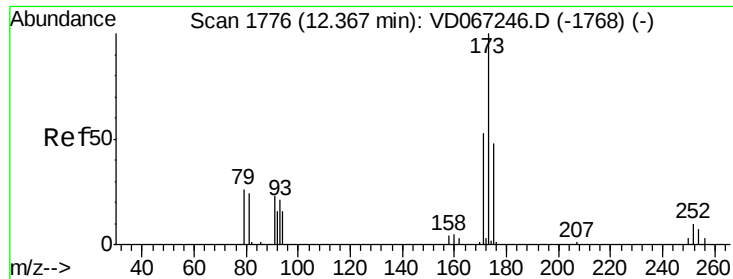
Tot Ion:106 Resp: 22755  
Ion Ratio Lower Upper  
106 100  
91 207.8 109.1 327.3



#70  
Styrene  
Concen: 4.003 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion:104 Resp: 40131  
Ion Ratio Lower Upper  
104 100  
78 46.5 39.8 59.6  
103 53.4 42.6 64.0

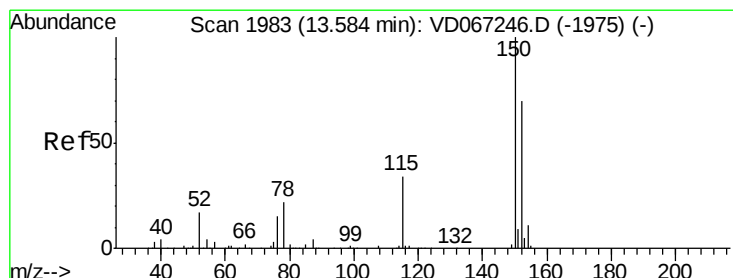
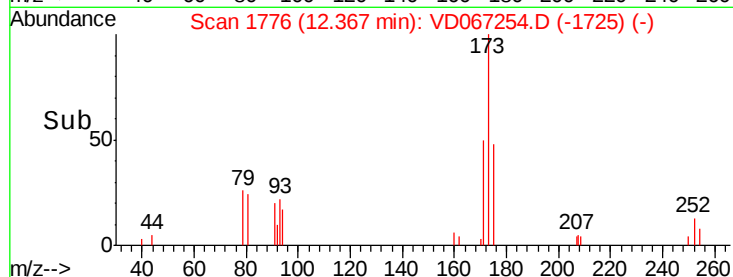
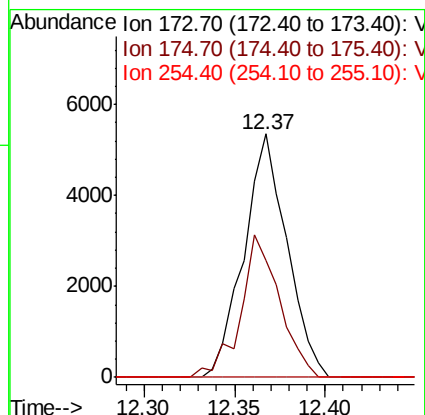
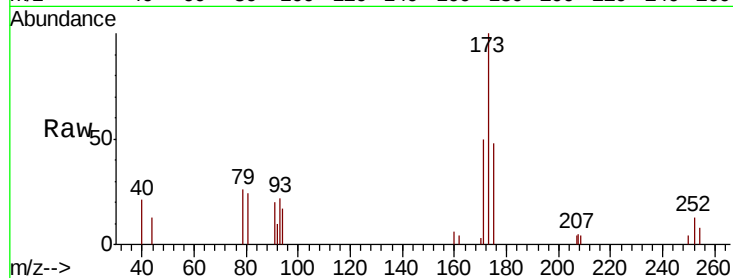




#71  
Bromoform  
Concen: 4.345 ug/l  
RT: 12.37 min Scan# 1776  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

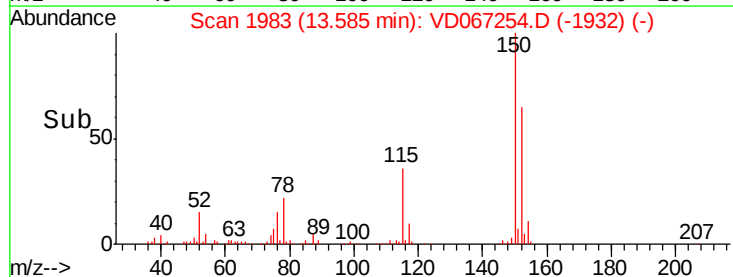
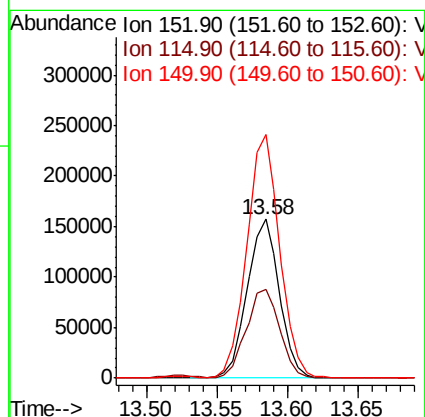
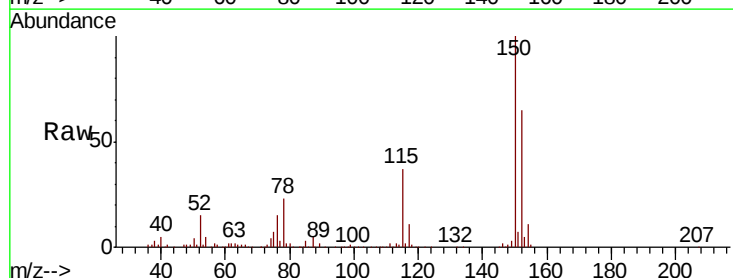
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1015

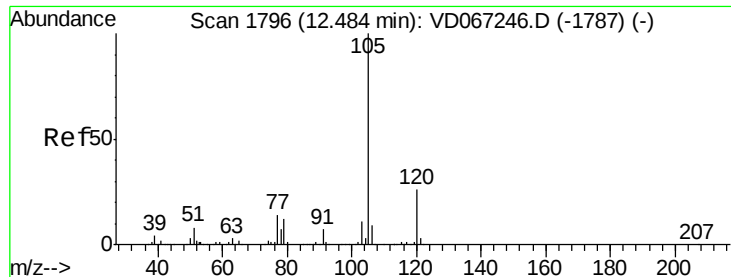
Tot Ion:173 Resp: 8839  
Ion Ratio Lower Upper  
173 100  
175 52.7 24.2 72.6  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1983  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion:152 Resp: 250200  
Ion Ratio Lower Upper  
152 100  
115 58.2 29.3 87.9  
150 157.1 0.0 339.0





#73

Isopropylbenzene

Concen: 3.861 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

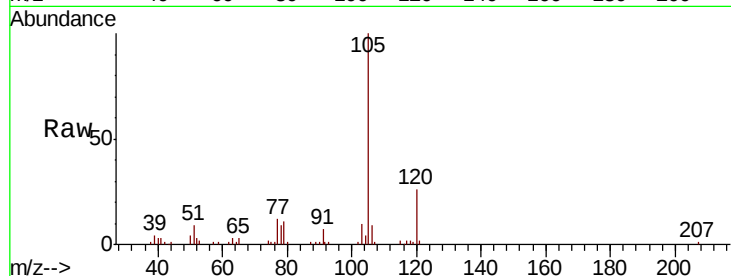
VD1015

Tot Ion:105 Resp: 61305

Ion Ratio Lower Upper

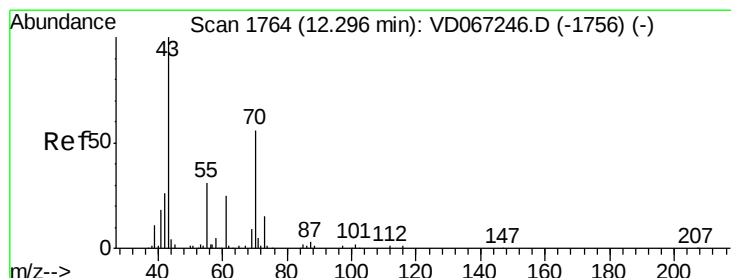
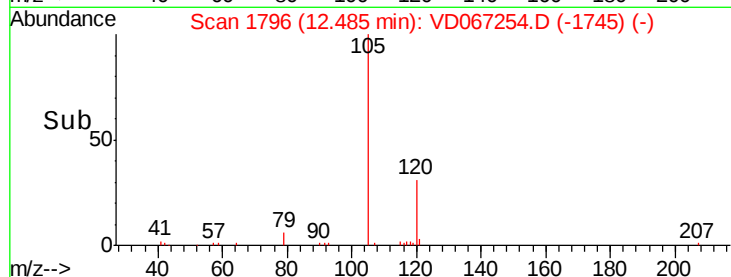
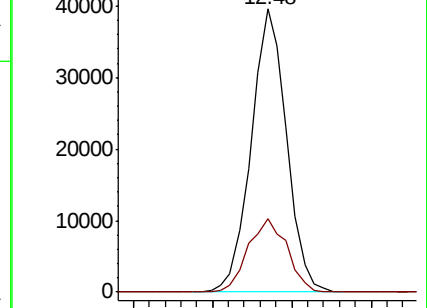
105 100

120 28.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.089 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Tgt Ion: 43 Resp: 9806

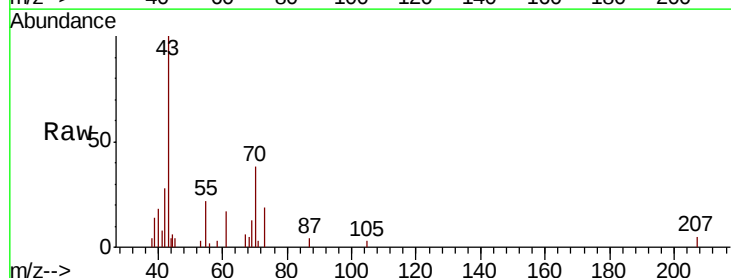
Ion Ratio Lower Upper

43 100

70 48.5 42.7 64.1

55 23.0 24.0 36.0#

61 24.6 22.2 33.4

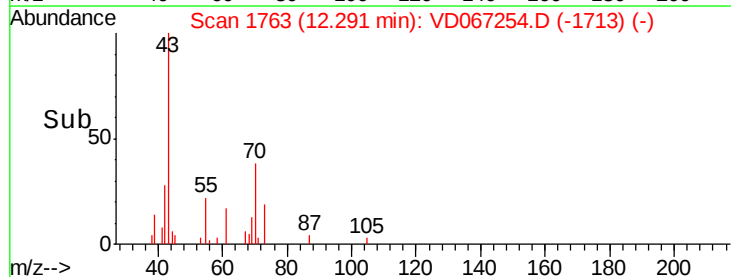
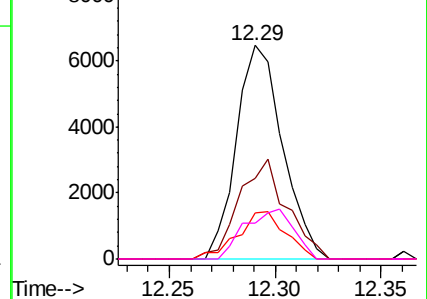


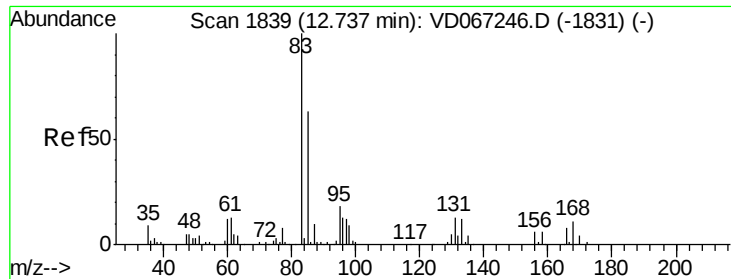
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 4.235 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VD1015

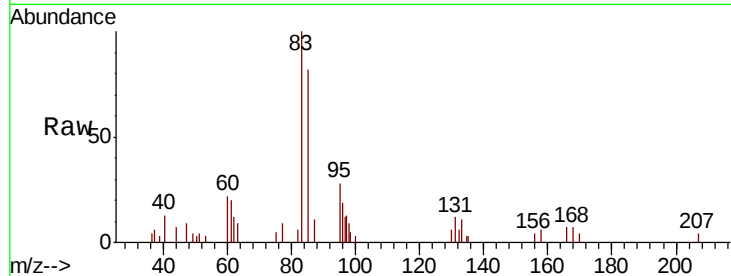
Tot Ion: 83 Resp: 10305

Ion Ratio Lower Upper

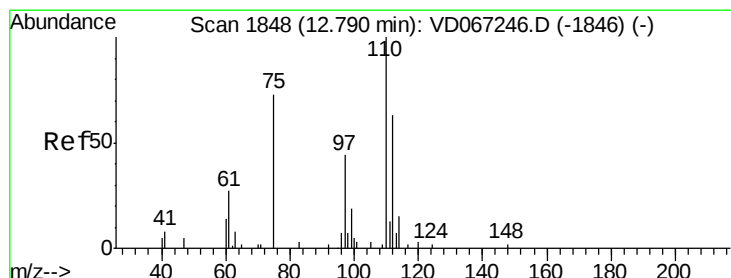
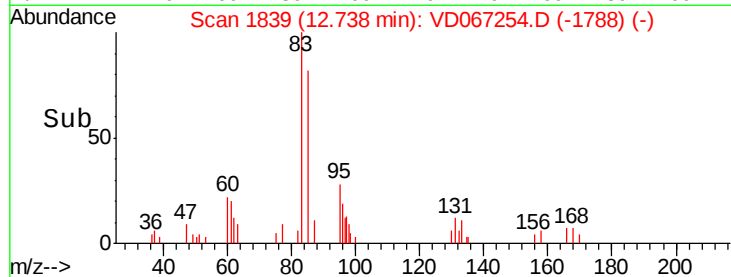
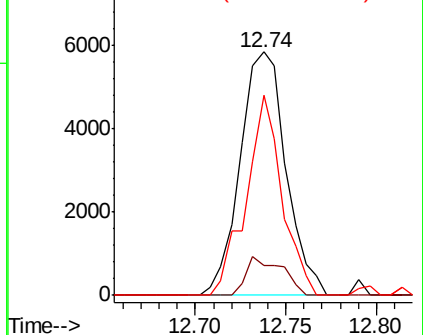
83 100

131 12.3 6.5 19.5

85 64.2 32.6 97.7



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: 8.339 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067254.D

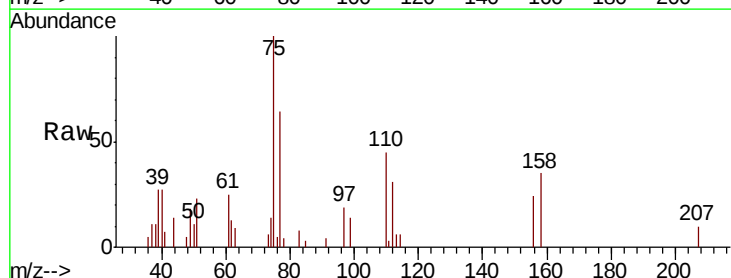
Acq: 13 Oct 2020 16:09

Tgt Ion: 75 Resp: 14461

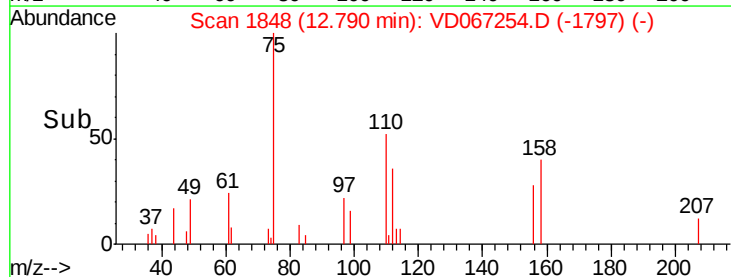
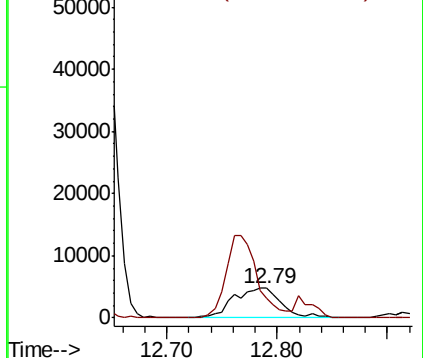
Ion Ratio Lower Upper

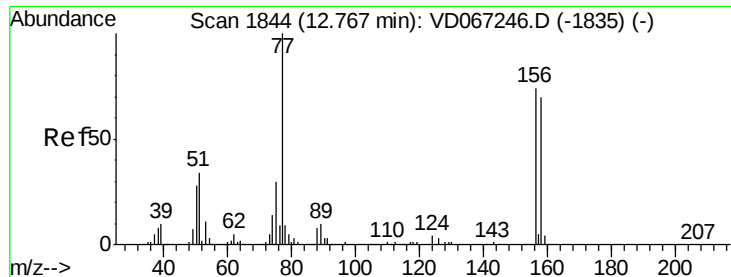
75 100

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: 4.552 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VD1015

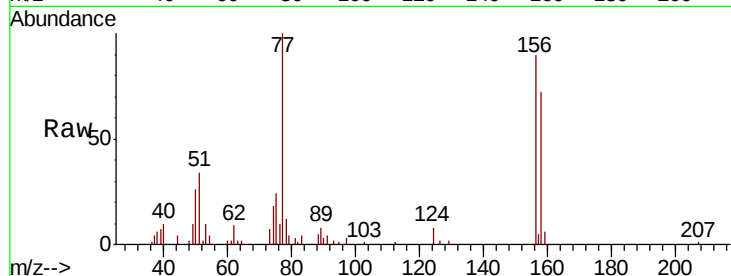
Tot Ion:156 Resp: 18020

Ion Ratio Lower Upper

156 100

77 145.6 78.0 233.8

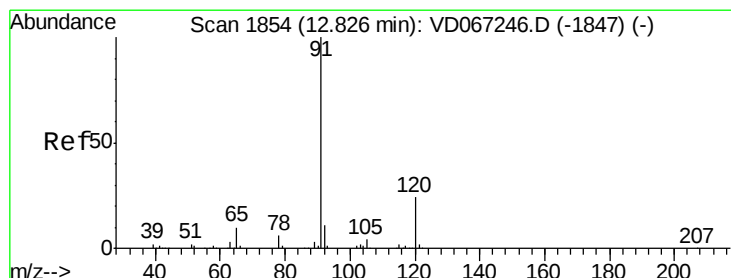
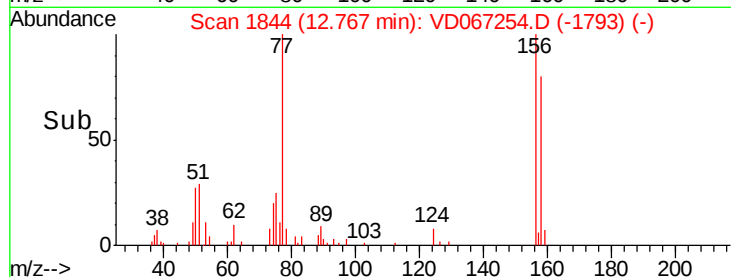
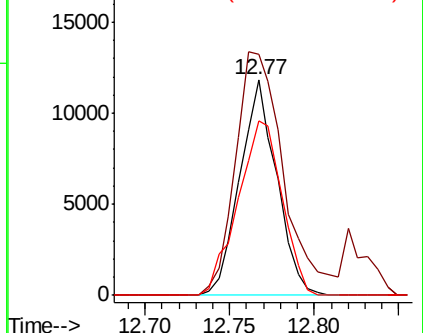
158 96.4 49.1 147.3



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: 4.160 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067254.D

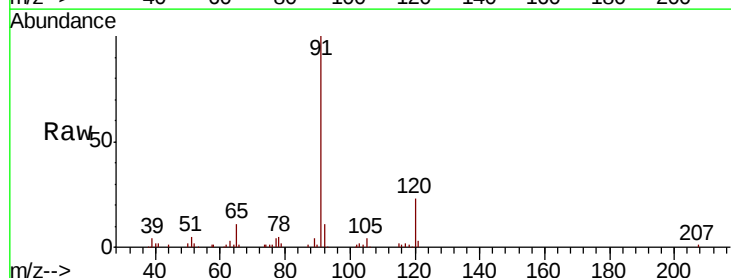
Acq: 13 Oct 2020 16:09

Tgt Ion: 91 Resp: 76540

Ion Ratio Lower Upper

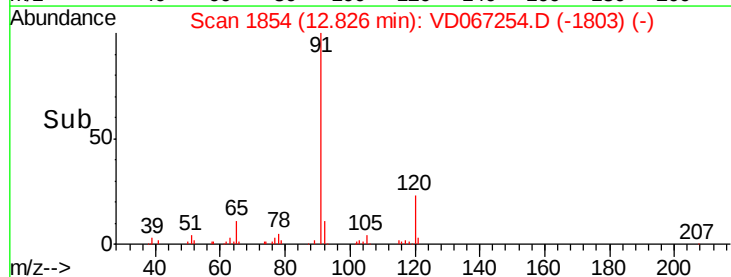
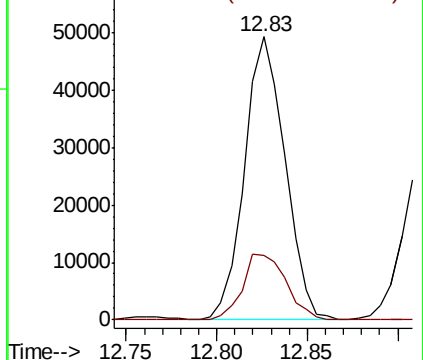
91 100

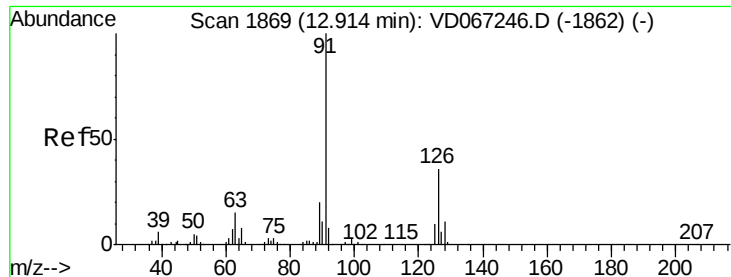
120 24.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

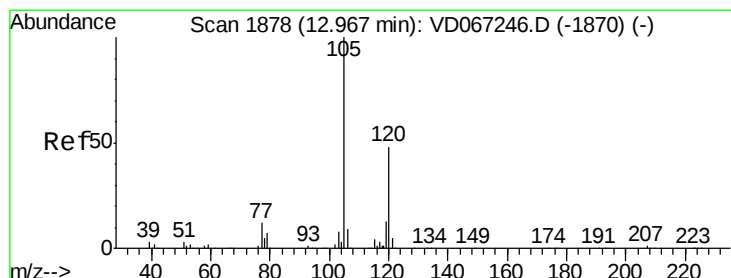
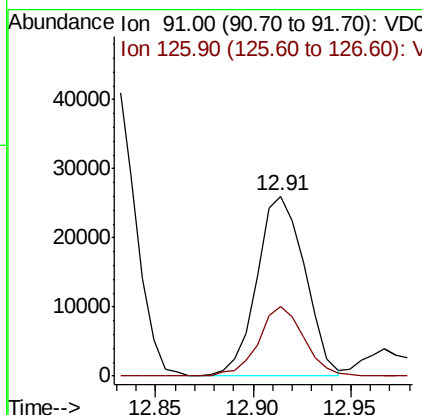
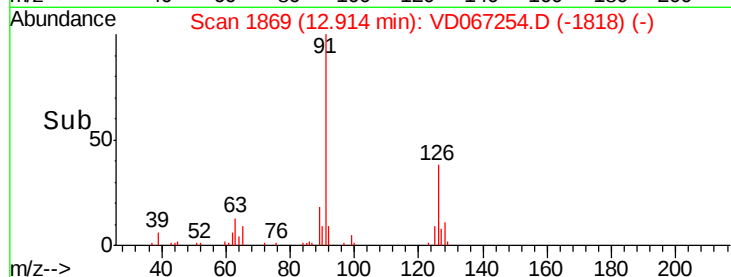
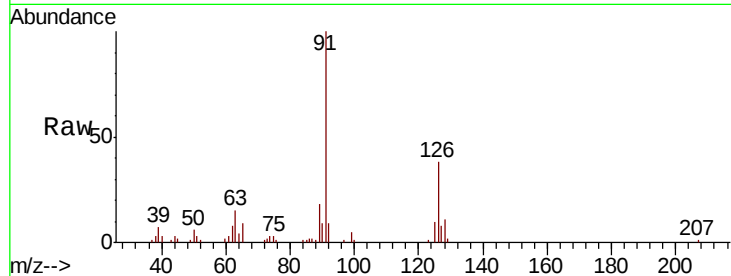




#79  
 2-Chlorotoluene  
 Concen: 4.153 ug/l  
 RT: 12.91 min Scan# 1869  
 Delta R.T. 0.00 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

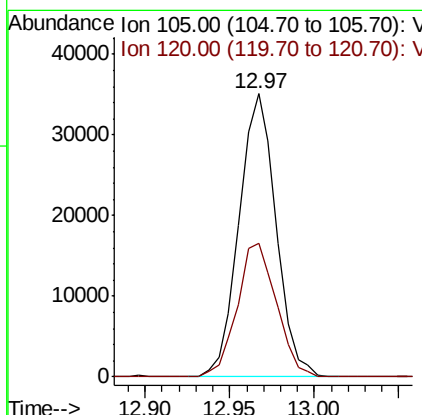
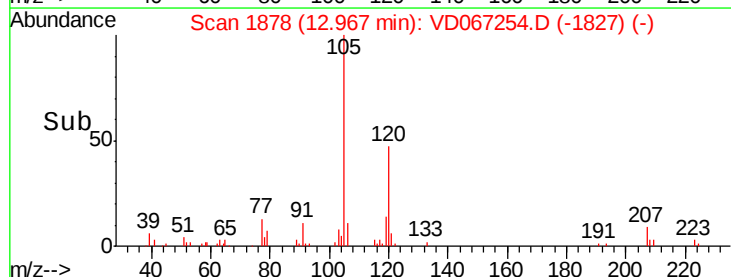
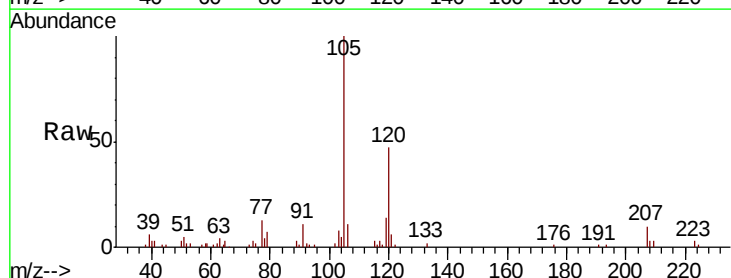
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1015

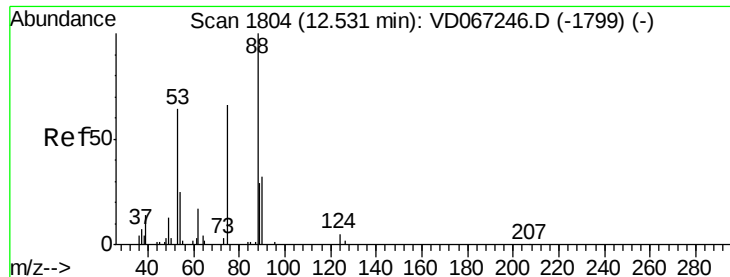
Tot Ion: 91 Resp: 44311  
 Ion Ratio Lower Upper  
 91 100  
 126 36.5 17.6 52.8



#80  
 1,3,5-Trimethylbenzene  
 Concen: 3.874 ug/l  
 RT: 12.97 min Scan# 1878  
 Delta R.T. 0.00 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

Tgt Ion: 105 Resp: 53464  
 Ion Ratio Lower Upper  
 105 100  
 120 50.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 156.084 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VD1015

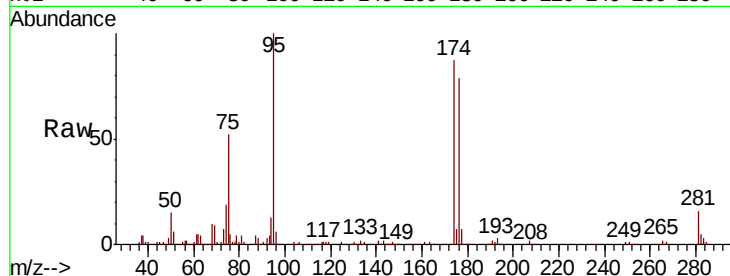
Tot Ion: 75 Resp: 119358

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

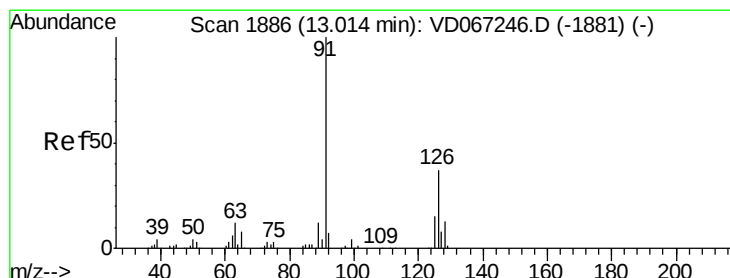
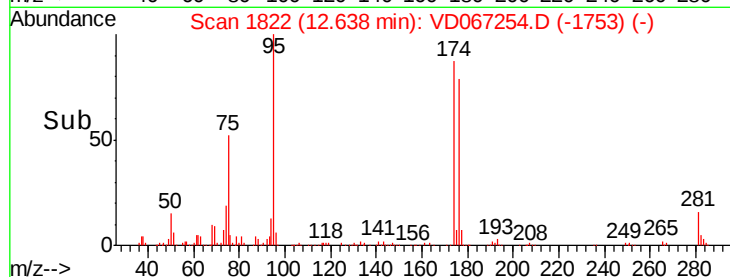
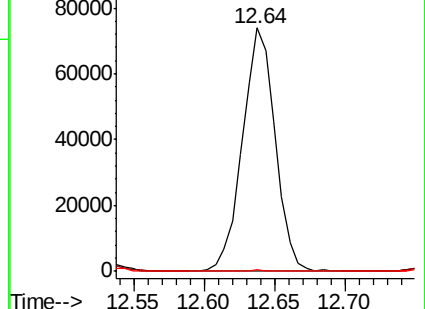
89 0.3 39.9 59.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 4.148 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD067254.D

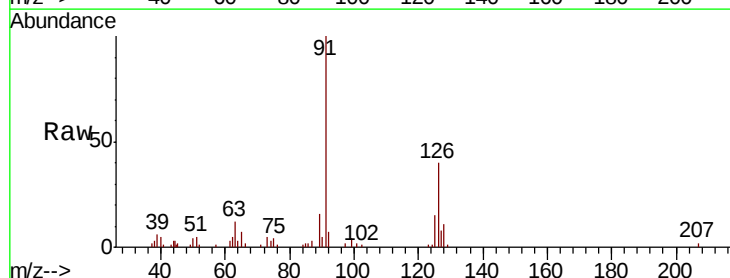
Acq: 13 Oct 2020 16:09

Tgt Ion: 91 Resp: 46971

Ion Ratio Lower Upper

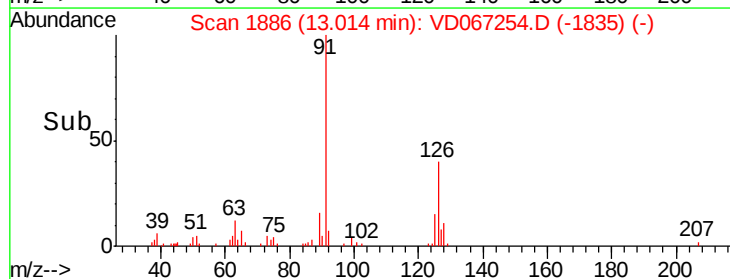
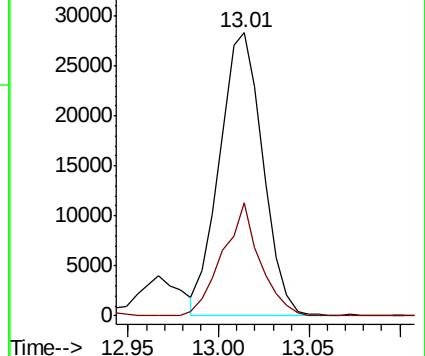
91 100

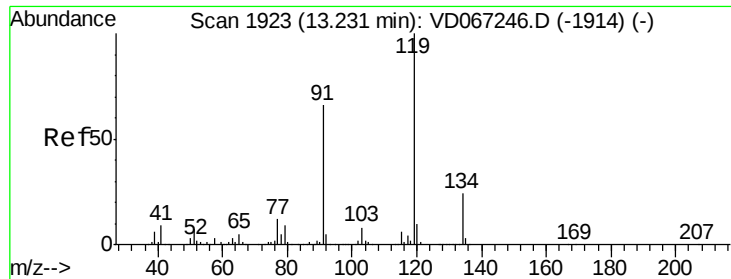
126 34.7 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

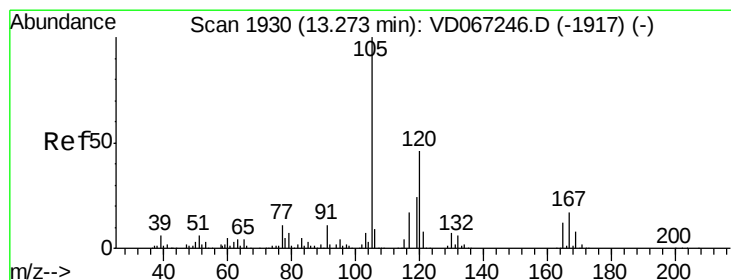
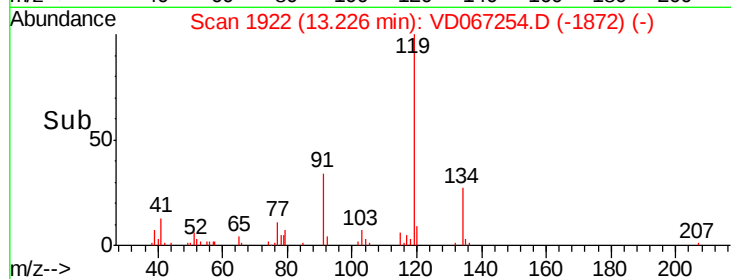
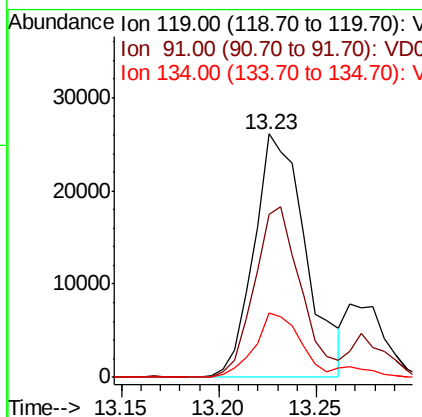
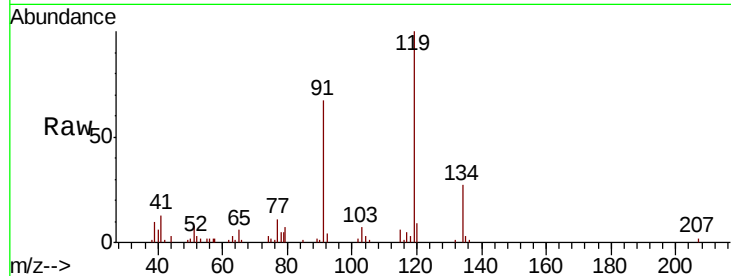




#83  
tert-Butylbenzene  
Concen: 4.112 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. -0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

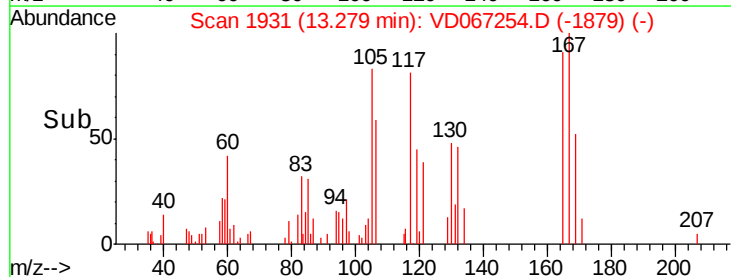
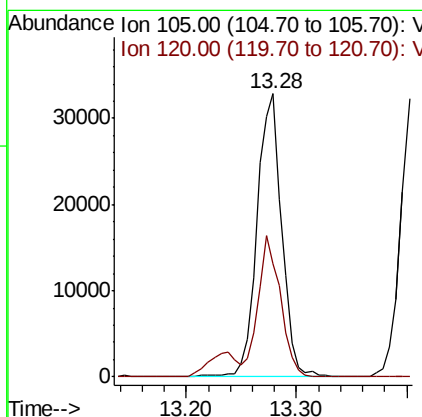
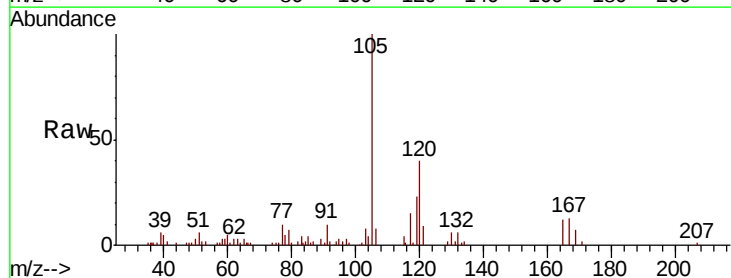
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1015

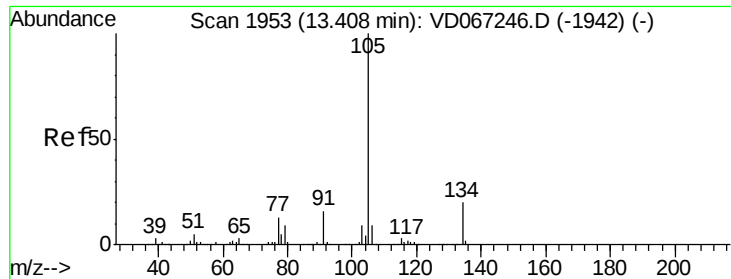
Tot Ion:119 Resp: 47931  
Ion Ratio Lower Upper  
119 100  
91 63.1 33.1 99.2  
134 23.0 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 3.784 ug/l  
RT: 13.28 min Scan# 1931  
Delta R.T. 0.01 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion:105 Resp: 51602  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 4.004 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

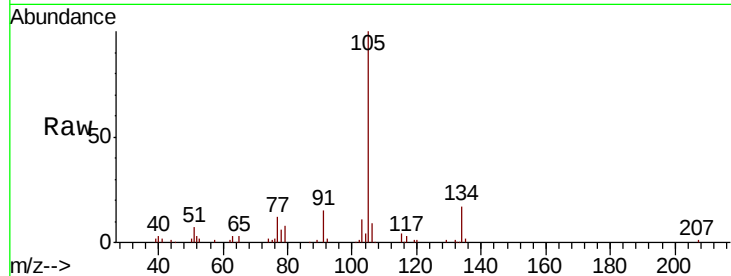
VD1015

Tot Ion:105 Resp: 64043

Ion Ratio Lower Upper

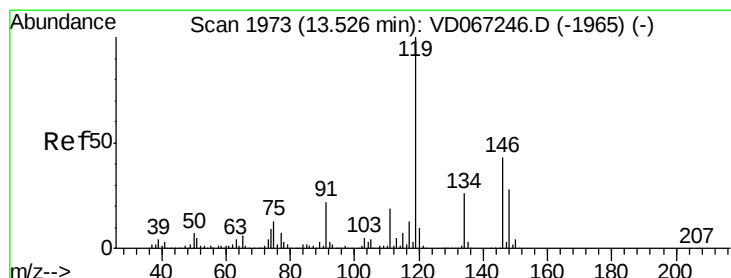
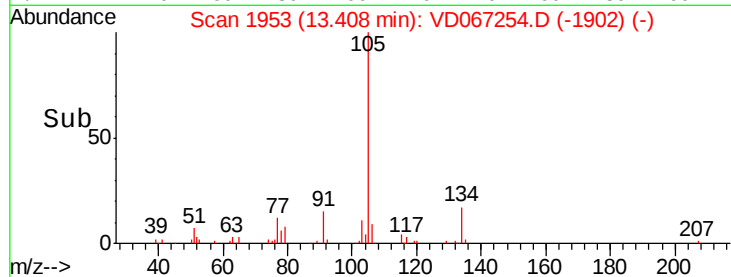
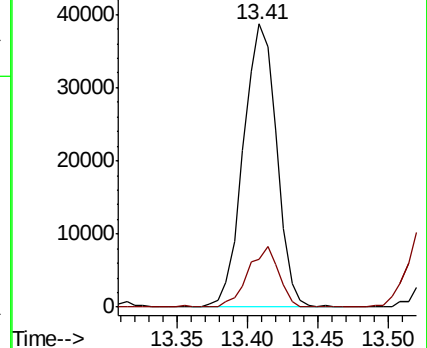
105 100

134 19.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.869 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

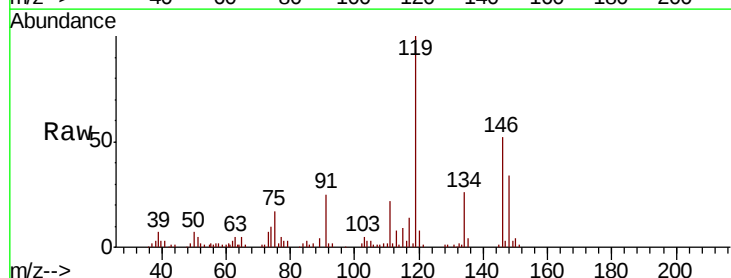
Tgt Ion:119 Resp: 58411

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

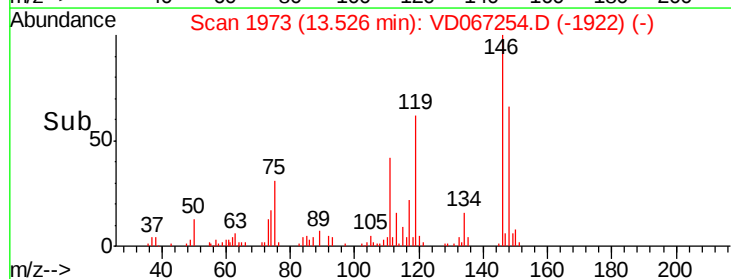
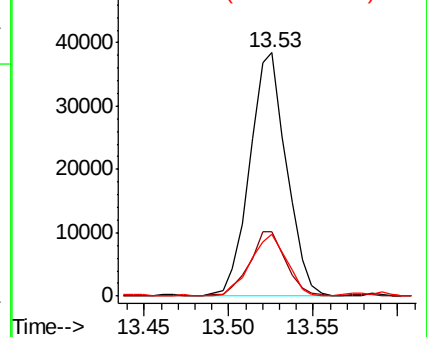
91 25.2 11.9 35.9

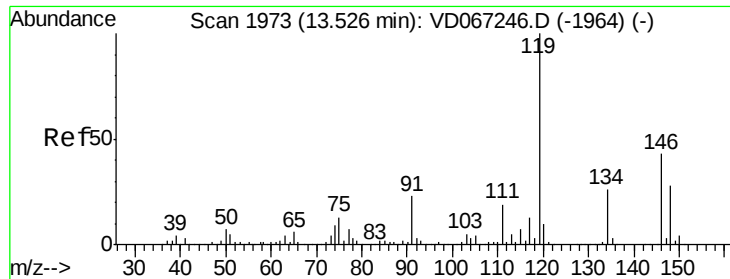


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 4.362 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VD1015

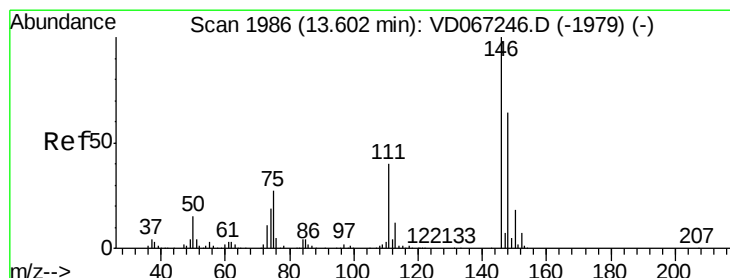
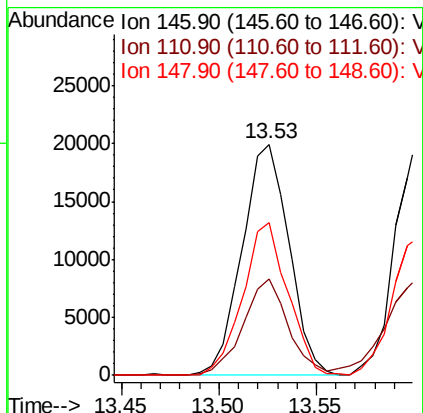
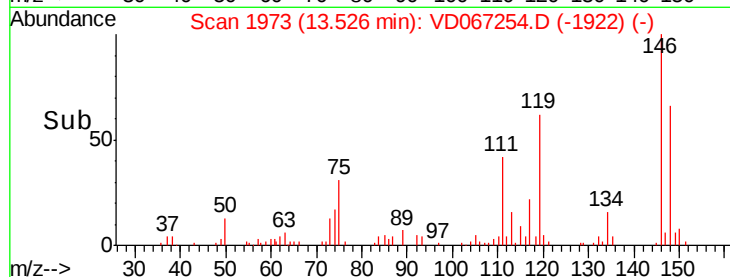
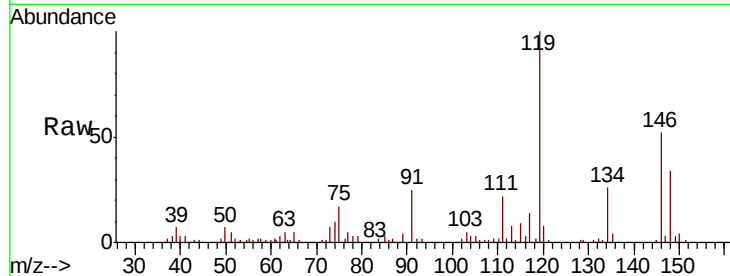
Tot Ion:146 Resp: 33238

Ion Ratio Lower Upper

146 100

111 40.0 21.1 63.3

148 63.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 4.705 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

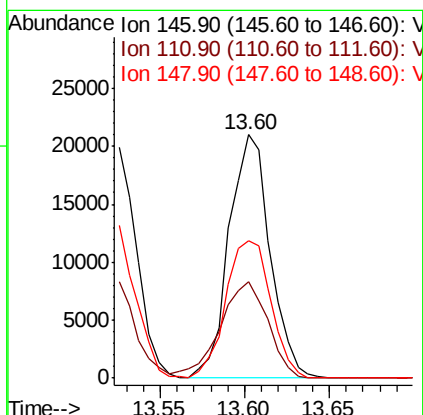
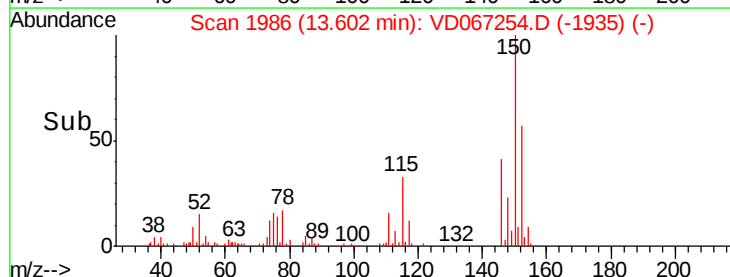
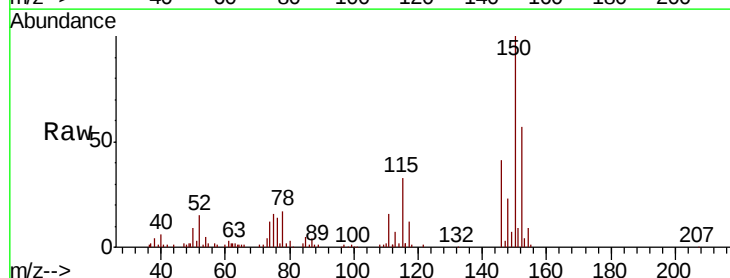
Tgt Ion:146 Resp: 35517

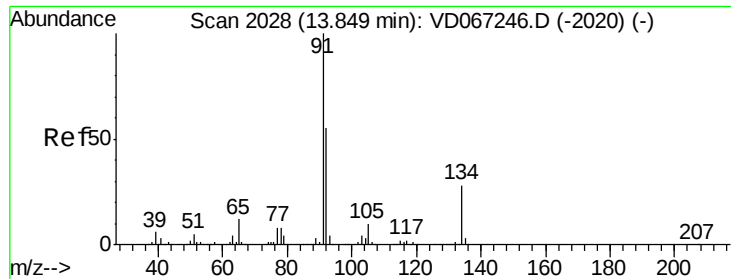
Ion Ratio Lower Upper

146 100

111 46.5 19.9 59.7

148 61.9 31.9 95.9

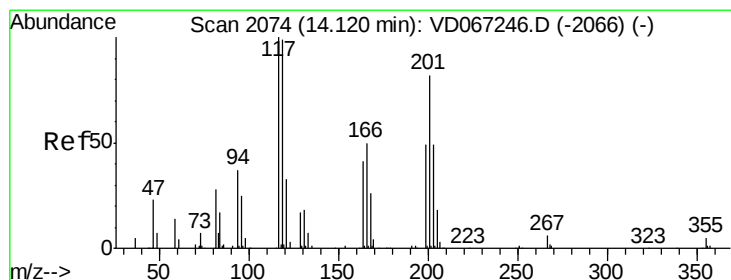
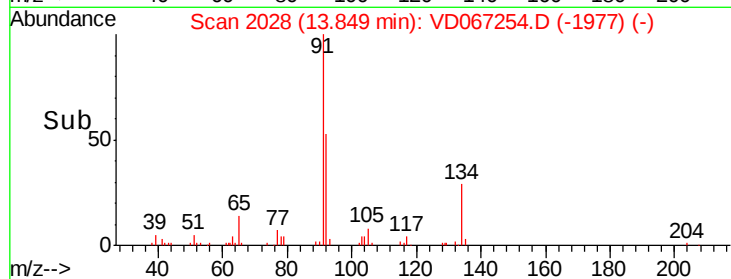
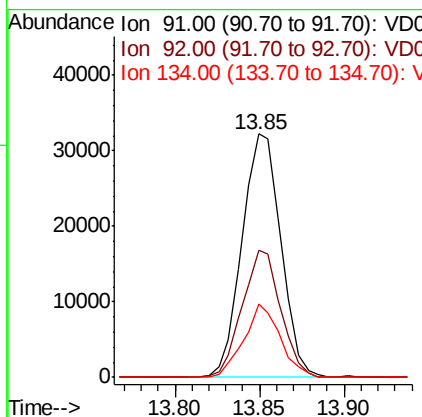
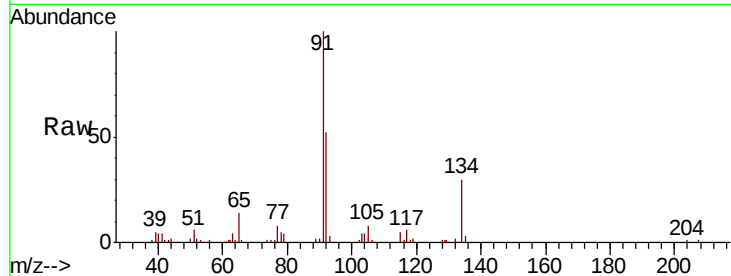




#89  
n-Butylbenzene  
Concen: 3.868 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

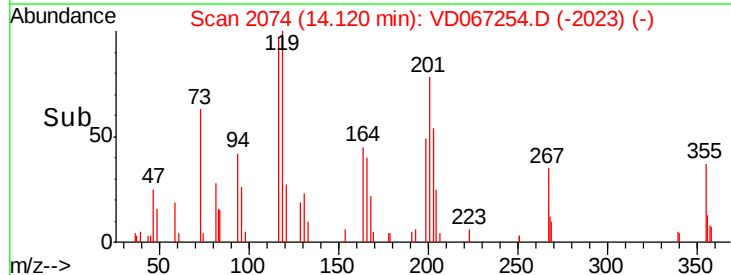
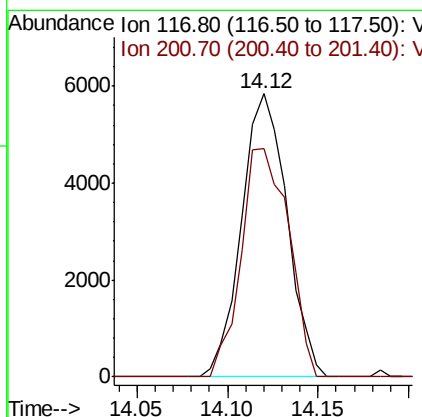
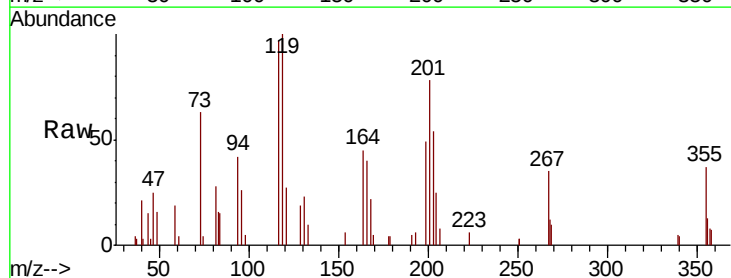
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1015

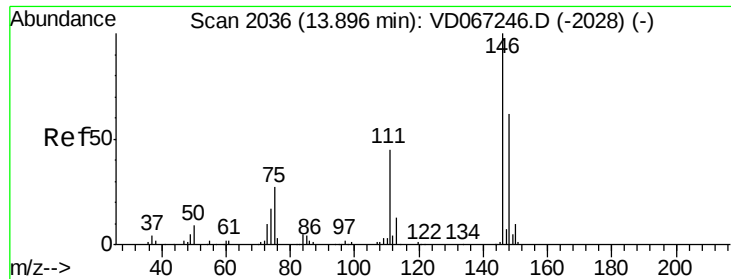
Tot Ion: 91 Resp: 51371  
Ion Ratio Lower Upper  
91 100  
92 51.7 26.7 80.0  
134 27.9 14.2 42.6



#90  
Hexachloroethane  
Concen: 3.871 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. 0.00 min  
Lab File: VD067254.D  
Acq: 13 Oct 2020 16:09

Tgt Ion: 117 Resp: 10197  
Ion Ratio Lower Upper  
117 100  
201 84.1 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 4.429 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VD1015

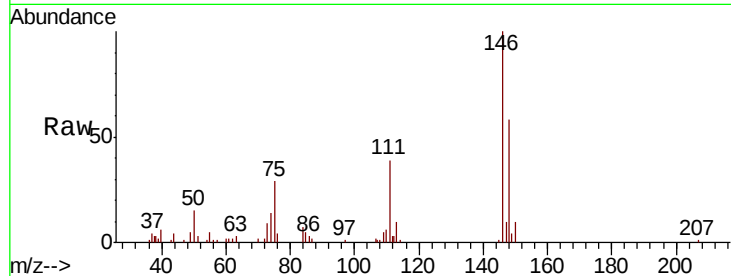
Tot Ion:146 Resp: 29485

Ion Ratio Lower Upper

146 100

111 43.0 22.0 66.0

148 63.6 32.5 97.5

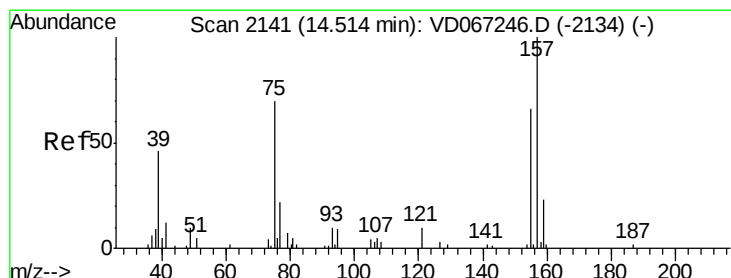
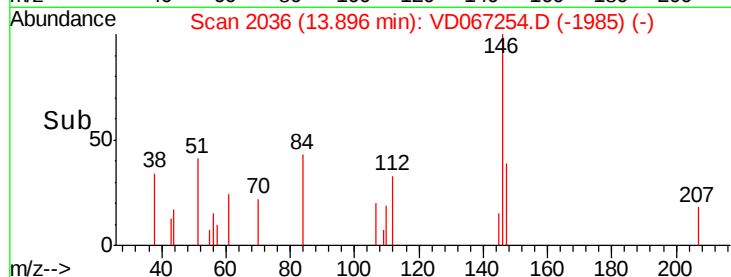
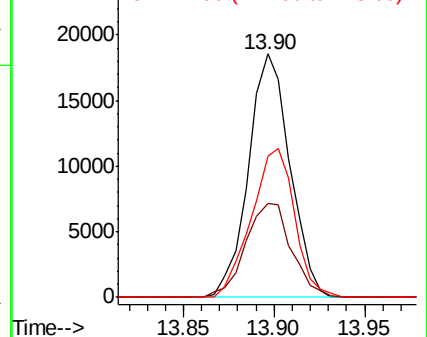


Abundance

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: 4.798 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

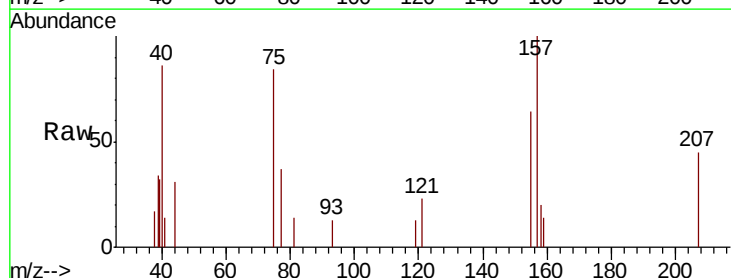
Tgt Ion: 75 Resp: 2121

Ion Ratio Lower Upper

75 100

155 79.3 44.8 134.4

157 95.7 62.5 187.4

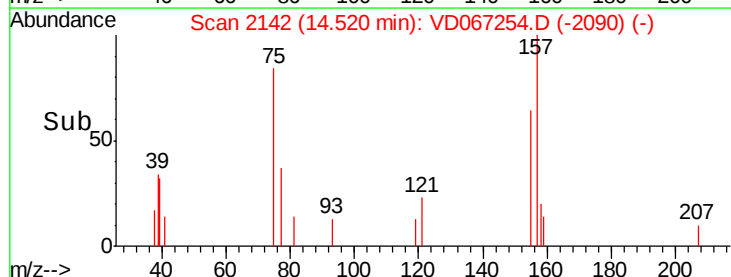
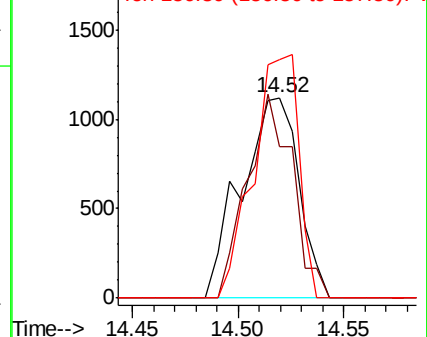


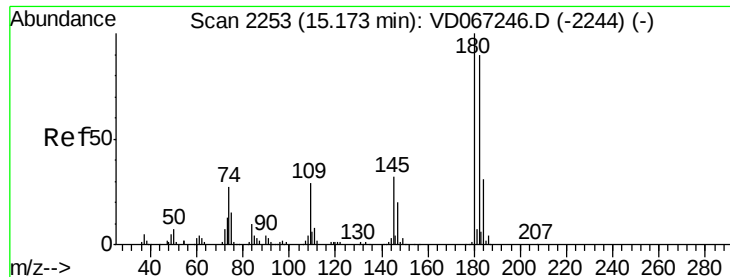
Abundance

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

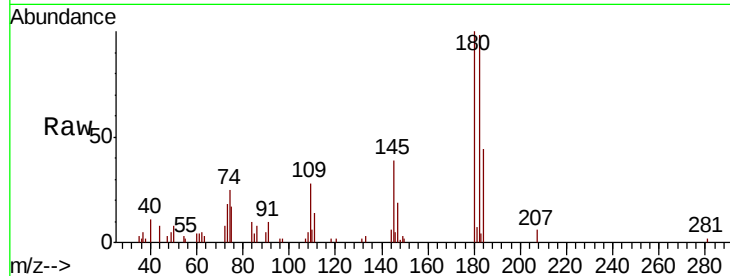




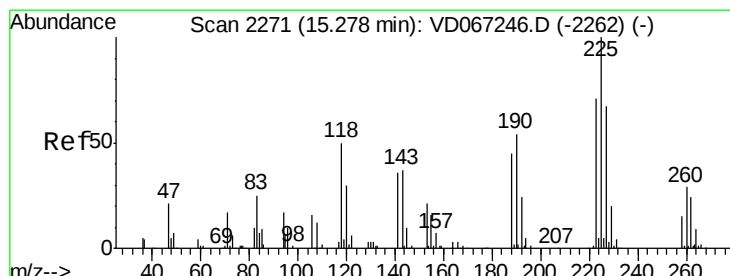
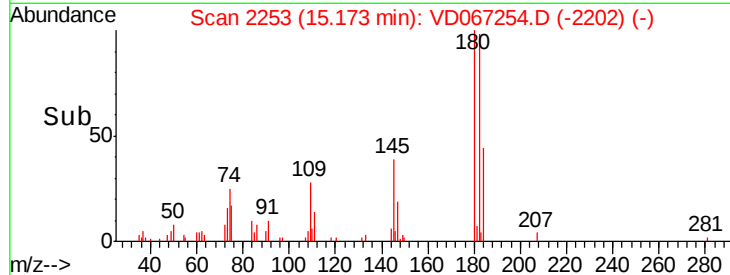
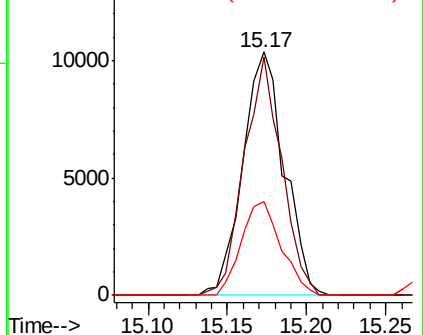
#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.209 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. 0.00 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VD1015

Tot Ion:180 Resp: 18891  
 Ion Ratio Lower Upper  
 180 100  
 182 88.5 48.1 144.4  
 145 37.1 16.3 48.9

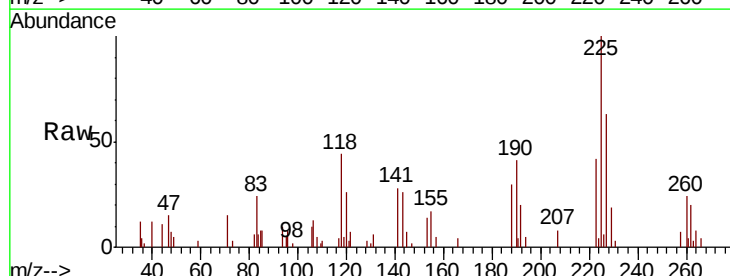


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

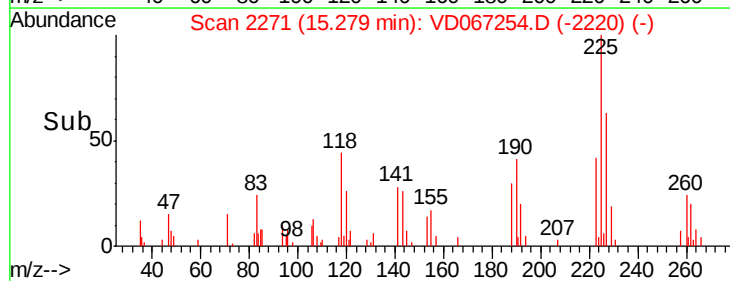
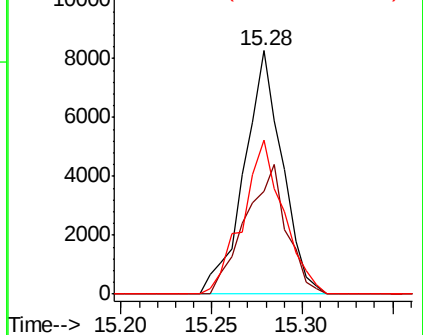


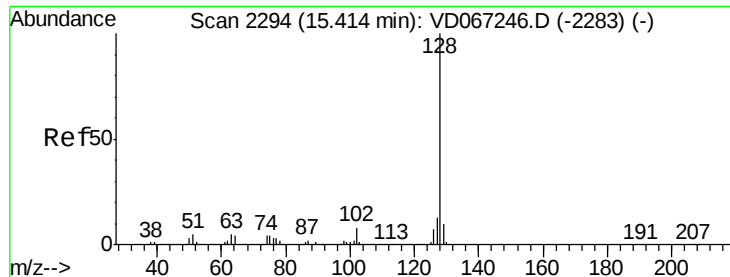
#94  
 Hexachlorobutadiene  
 Concen: 4.324 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. 0.00 min  
 Lab File: VD067254.D  
 Acq: 13 Oct 2020 16:09

Tgt Ion:225 Resp: 12050  
 Ion Ratio Lower Upper  
 225 100  
 223 57.6 31.9 95.7  
 227 68.0 31.2 93.6



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: 3.476 ug/l

RT: 15.42 min Scan# 2295

Delta R.T. 0.01 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VD1015

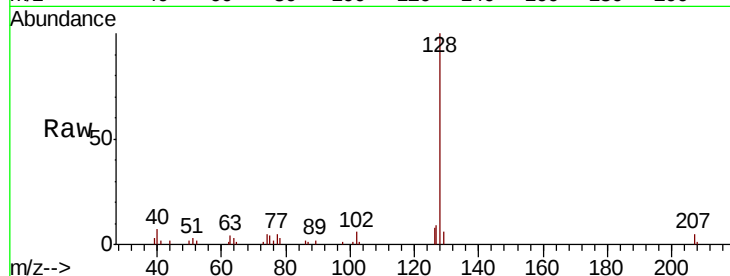
Tot Ion:128 Resp: 25612

Ion Ratio Lower Upper

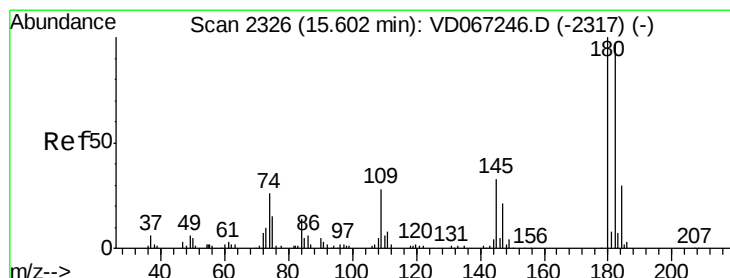
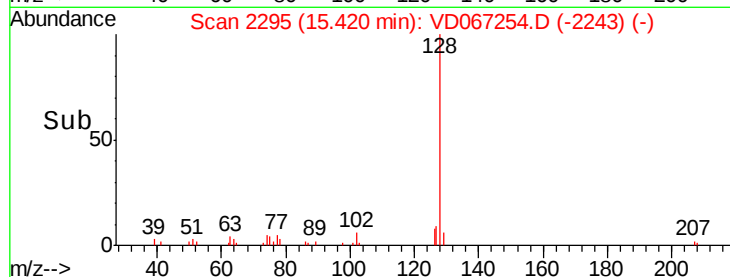
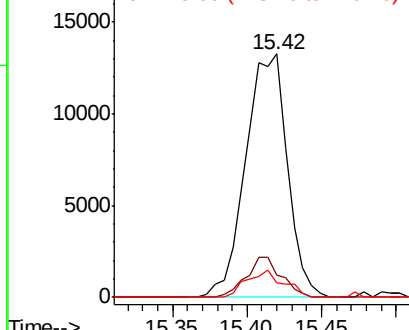
128 100

127 14.0 10.4 15.6

129 9.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.201 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD067254.D

Acq: 13 Oct 2020 16:09

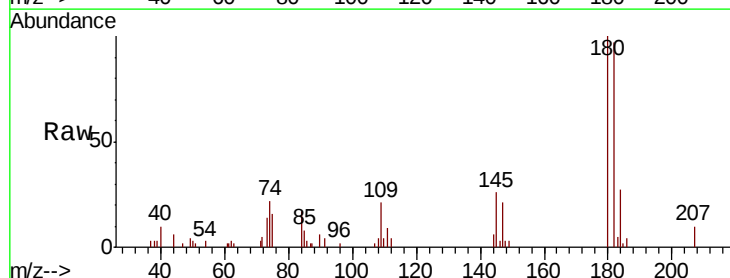
Tgt Ion:180 Resp: 16289

Ion Ratio Lower Upper

180 100

182 87.3 48.1 144.3

145 34.5 17.3 51.9



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

