

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\  
 Data File : VD061738.D  
 Acq On : 11 Apr 2019 13:57  
 Operator : VA/AP  
 Sample : VD0411SBSD01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 12 00:58:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D040619S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 08 10:04:03 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.04  | 168  | 638207   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.21  | 114  | 1007826  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 940384   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152  | 422814   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.45   | 65  | 223566   | 46.21 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.42%  |      |
| 35) Dibromofluoromethane  | 6.92   | 113 | 339997   | 48.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.40%  |      |
| 50) Toluene-d8            | 10.39  | 98  | 742079   | 42.30 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 84.60%  |      |
| 62) 4-Bromofluorobenzene  | 13.54  | 95  | 325221   | 53.53 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.06% |      |

## Target Compounds

|                               |      |     |        |        | Qvalue    |
|-------------------------------|------|-----|--------|--------|-----------|
| 2) Dichlorodifluoromethane    | 1.58 | 85  | 112835 | 16.388 | ug/l 100  |
| 3) Chloromethane              | 1.76 | 50  | 93449  | 16.795 | ug/l 95   |
| 4) Vinyl Chloride             | 1.86 | 62  | 92746  | 17.839 | ug/l 96   |
| 5) Bromomethane               | 2.15 | 94  | 18595  | 15.452 | ug/l 97   |
| 6) Chloroethane               | 2.26 | 64  | 28303  | 17.381 | ug/l 91   |
| 7) Trichlorofluoromethane     | 2.53 | 101 | 143116 | 18.231 | ug/l 100  |
| 8) Diethyl Ether              | 2.87 | 74  | 38220  | 17.348 | ug/l 99   |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101 | 125547 | 16.267 | ug/l 97   |
| 10) Methyl Iodide             | 3.31 | 142 | 170305 | 17.370 | ug/l 99   |
| 11) Tert butyl alcohol        | 4.06 | 59  | 27364  | 84.402 | ug/l # 90 |
| 12) 1,1-Dichloroethene        | 3.13 | 96  | 106883 | 16.065 | ug/l 98   |
| 13) Acrolein                  | 3.04 | 56  | 29483  | 74.588 | ug/l 90   |
| 14) Allyl chloride            | 3.62 | 41  | 157193 | 17.323 | ug/l 98   |
| 15) Acrylonitrile             | 4.19 | 53  | 89086  | 79.824 | ug/l 97   |
| 16) Acetone                   | 3.22 | 43  | 106272 | 73.488 | ug/l 96   |
| 17) Carbon Disulfide          | 3.38 | 76  | 340402 | 15.746 | ug/l 98   |
| 18) Methyl Acetate            | 3.64 | 43  | 48755  | 17.920 | ug/l 97   |
| 19) Methyl tert-butyl Ether   | 4.23 | 73  | 212500 | 18.446 | ug/l 97   |
| 20) Methylene Chloride        | 3.81 | 84  | 162403 | 19.791 | ug/l 98   |
| 21) trans-1,2-Dichloroethene  | 4.22 | 96  | 130741 | 18.093 | ug/l 87   |
| 22) Diisopropyl ether         | 5.11 | 45  | 322743 | 16.964 | ug/l 93   |
| 23) Vinyl Acetate             | 5.05 | 43  | 847063 | 80.689 | ug/l 100  |
| 24) 1,1-Dichloroethane        | 4.98 | 63  | 194577 | 16.690 | ug/l 99   |
| 25) 2-Butanone                | 6.06 | 43  | 135833 | 81.478 | ug/l 98   |
| 26) 2,2-Dichloropropane       | 6.02 | 77  | 173178 | 18.242 | ug/l 95   |
| 27) cis-1,2-Dichloroethene    | 6.03 | 96  | 137393 | 17.822 | ug/l 96   |
| 28) Bromochloromethane        | 6.43 | 49  | 80357  | 18.685 | ug/l 92   |
| 29) Tetrahydrofuran           | 6.46 | 42  | 66292  | 82.373 | ug/l 100  |
| 30) Chloroform                | 6.65 | 83  | 224757 | 18.402 | ug/l 99   |
| 31) Cyclohexane               | 6.95 | 56  | 145729 | 16.000 | ug/l 98   |
| 32) 1,1,1-Trichloroethane     | 6.86 | 97  | 197273 | 18.432 | ug/l 98   |
| 36) 1,1-Dichloropropene       | 7.14 | 75  | 169964 | 19.270 | ug/l 96   |
| 37) Ethyl Acetate             | 6.17 | 43  | 64143  | 17.854 | ug/l # 94 |
| 38) Carbon Tetrachloride      | 7.11 | 117 | 203601 | 19.696 | ug/l 99   |

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 Sample : VD0411SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 12 00:58:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D040619S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 08 10:04:03 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.86  | 83   | 147247   | 16.261  | ug/l   | 99       |
| 40) Benzene                    | 7.45  | 78   | 387868   | 18.228  | ug/l   | 99       |
| 41) Methacrylonitrile          | 6.44  | 41   | 75745    | 18.061  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 7.57  | 62   | 128345   | 19.179  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 9.23  | 43   | 90137    | 17.287  | ug/l # | 97       |
| 44) Trichloroethene            | 8.53  | 130  | 147476   | 18.078  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 8.93  | 63   | 99569    | 18.868  | ug/l   | 94       |
| 46) Dibromomethane             | 9.06  | 93   | 67779    | 17.971  | ug/l   | 92       |
| 47) Bromodichloromethane       | 9.37  | 83   | 157655   | 19.033  | ug/l   | 95       |
| 48) Methyl methacrylate        | 9.11  | 41   | 51441    | 17.116  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.08  | 88   | 11734    | 353.704 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 10.29 | 43   | 291196   | 94.436  | ug/l   | 99       |
| 52) Toluene                    | 10.50 | 92   | 240514   | 18.101  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 145366   | 20.020  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.03 | 75   | 159721   | 17.844  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 78223    | 17.455  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 11.03 | 69   | 87399    | 18.487  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 11.40 | 76   | 128728   | 19.614  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.85  | 63   | 257424   | 115.400 | ug/l   | 98       |
| 59) 2-Hexanone                 | 11.52 | 43   | 216768   | 90.582  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.67 | 129  | 128119   | 18.095  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 98487    | 18.792  | ug/l   | 96       |
| 64) Tetrachloroethene          | 11.25 | 164  | 112243   | 15.377  | ug/l   | 97       |
| 65) Chlorobenzene              | 12.39 | 112  | 333137   | 17.864  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.50 | 131  | 130361   | 18.166  | ug/l   | 98       |
| 67) Ethyl Benzene              | 12.52 | 91   | 526268   | 18.532  | ug/l   | 100      |
| 68) m/p-Xylenes                | 12.66 | 106  | 378807   | 34.600  | ug/l   | 92       |
| 69) o-Xylene                   | 13.04 | 106  | 180084   | 17.040  | ug/l   | 98       |
| 70) Styrene                    | 13.06 | 104  | 307117   | 17.016  | ug/l   | 99       |
| 71) Bromoform                  | 13.23 | 173  | 70423    | 15.816  | ug/l   | 95       |
| 73) Isopropylbenzene           | 13.40 | 105  | 448961   | 15.936  | ug/l   | 98       |
| 74) N-amyl acetate             | 13.26 | 43   | 122574   | 16.013  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.69 | 83   | 95131    | 16.331  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 13.72 | 75   | 93026    | 16.172  | ug/l   | 96       |
| 77) Bromobenzene               | 13.66 | 156  | 138012   | 16.877  | ug/l   | 90       |
| 78) n-propylbenzene            | 13.77 | 91   | 599983   | 17.804  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 13.83 | 91   | 349626   | 18.142  | ug/l   | 90       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 412456   | 18.445  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 27760    | 15.903  | ug/l # | 84       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 388679   | 18.406  | ug/l   | 94       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 443120   | 16.436  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 406718   | 18.022  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 482587   | 16.567  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 14.48 | 119  | 456137   | 18.051  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 244604   | 17.381  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 234813   | 16.536  | ug/l   | 96       |
| 89) n-Butylbenzene             | 14.80 | 91   | 421612   | 19.196  | ug/l   | 96       |
| 90) Hexachloroethane           | 15.00 | 117  | 122754   | 17.903  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 209427   | 18.056  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 10898    | 15.503  | ug/l   | 78       |

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Operator : VA/AP  
Sample : VD0411SBSD01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

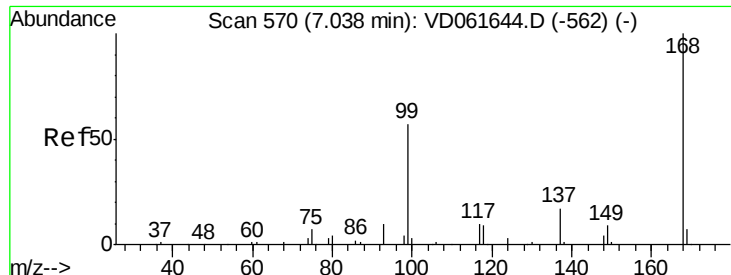
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Apr 12 00:58:55 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D040619S.M  
Quant Title : SW846 8260  
QLast Update : Mon Apr 08 10:04:03 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 93588    | 15.837 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 68674    | 15.050 | ug/l  | 98       |
| 95) Naphthalene            | 16.11 | 128  | 157039   | 16.795 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 16.26 | 180  | 51157    | 17.346 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :

MSVOA\_D

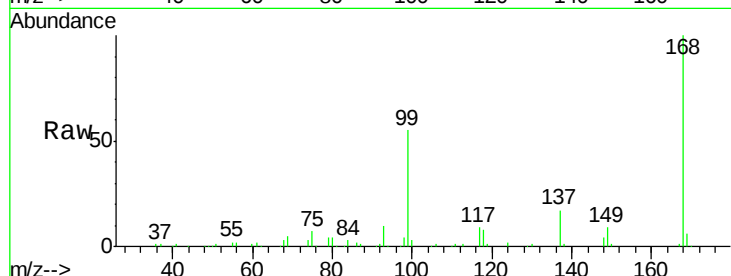
ClientSampleId :

Tot Ion:168 Resp: 638207

Ion Ratio Lower Upper

168 100

99 55.5 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

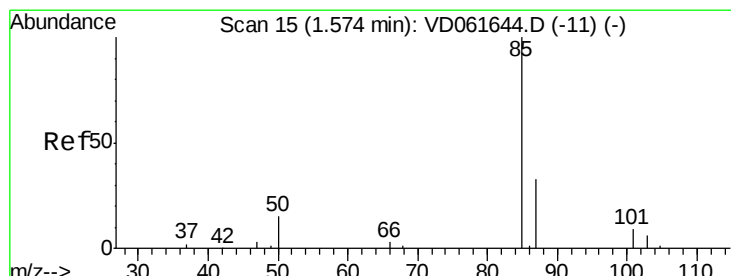
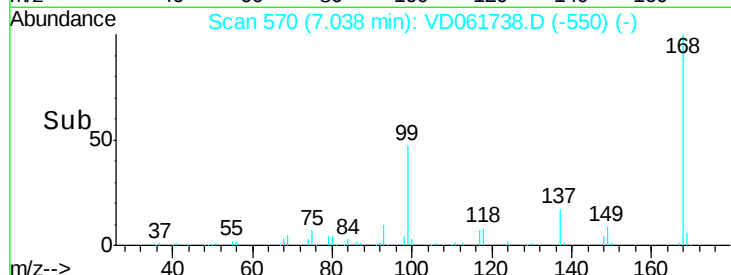
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 16.388 ug/l

RT: 1.58 min Scan# 16

Delta R.T. 0.01 min

Lab File: VD061738.D

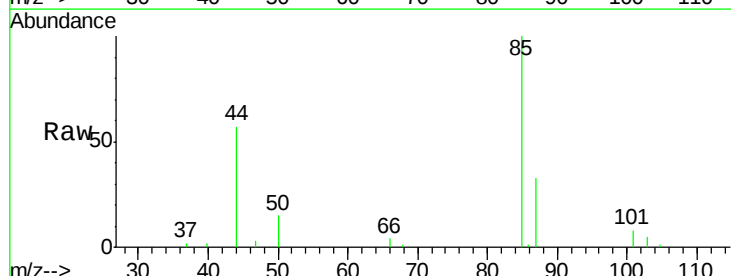
Acq: 11 Apr 2019 13:57

Tgt Ion: 85 Resp: 112835

Ion Ratio Lower Upper

85 100

87 33.2 16.6 49.8



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

50000

40000

30000

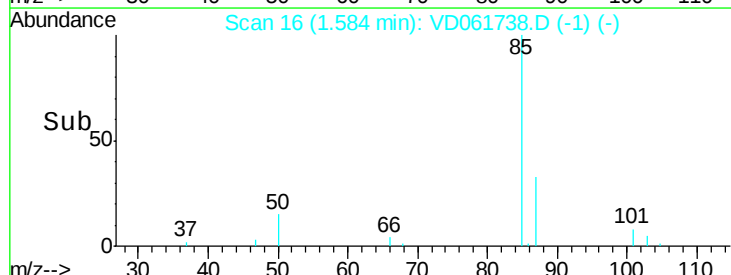
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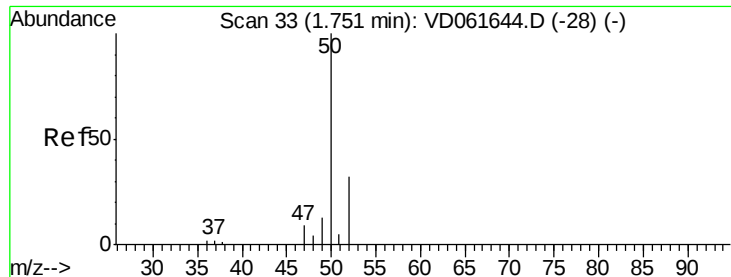
10000

0

1.50 1.60 1.70

Time-->





#3

Chloromethane

Concen: 16.795 ug/l

RT: 1.76 min Scan# 34

Delta R.T. 0.01 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :

MSVOA\_D

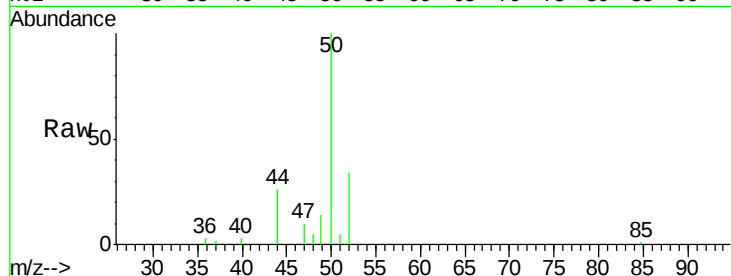
ClientSampleId :

Tot Ion: 50 Resp: 93449

Ion Ratio Lower Upper

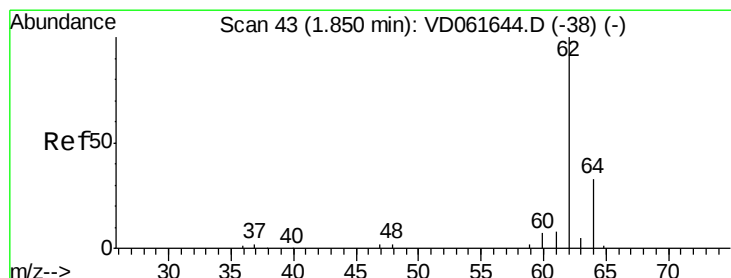
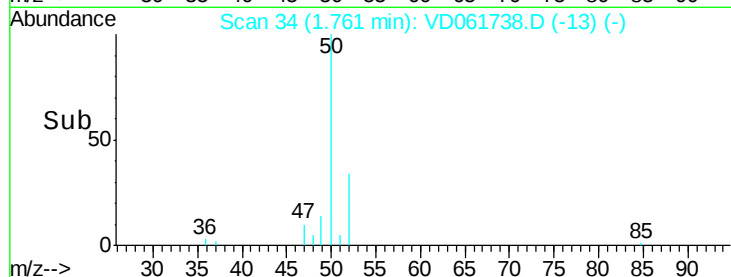
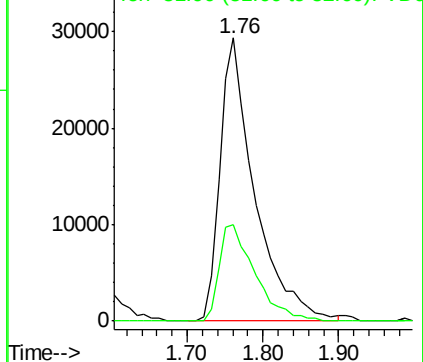
50 100

52 34.2 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 17.839 ug/l

RT: 1.86 min Scan# 44

Delta R.T. 0.01 min

Lab File: VD061738.D

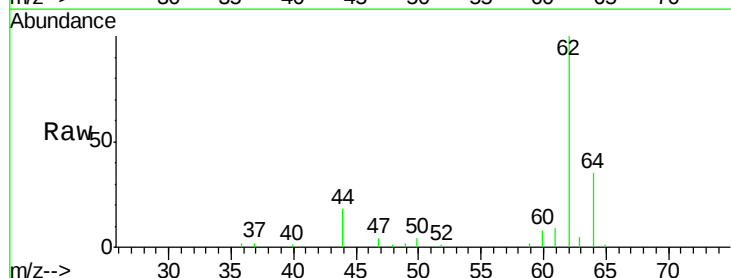
Acq: 11 Apr 2019 13:57

Tgt Ion: 62 Resp: 92746

Ion Ratio Lower Upper

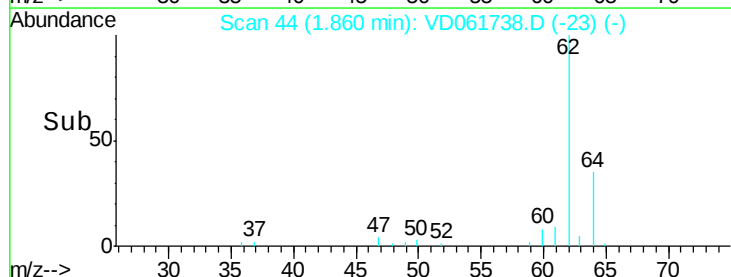
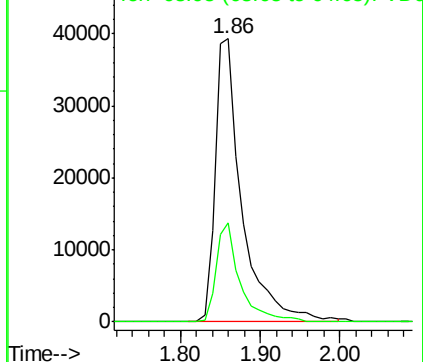
62 100

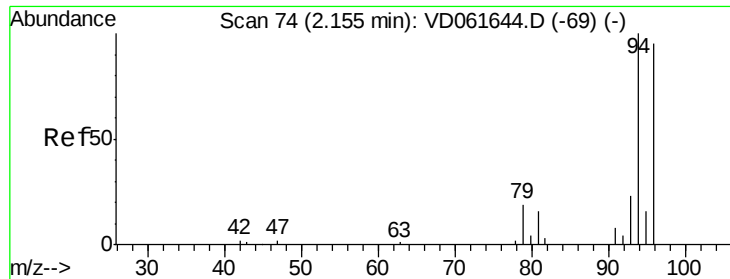
64 34.8 26.2 39.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 15.452 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :

MSVOA\_D

ClientSampled :

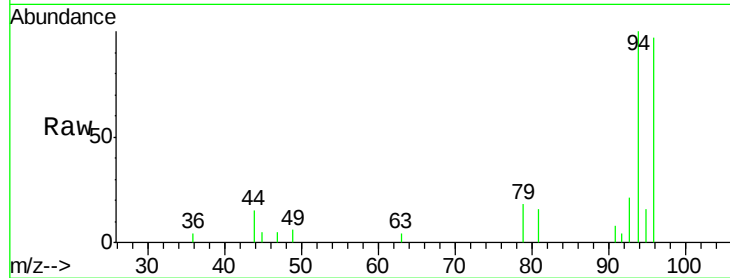
Tot Ion: 94 Resp: 18595

Ion Ratio Lower Upper

94 100

96 97.2 75.8 113.8

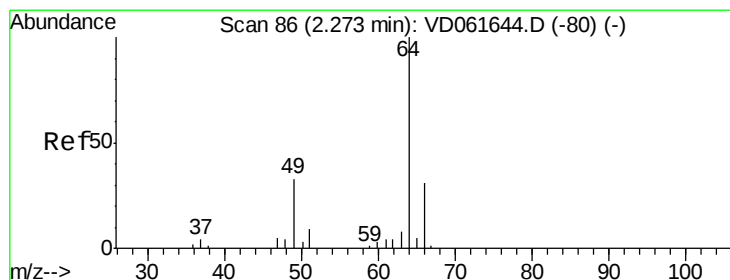
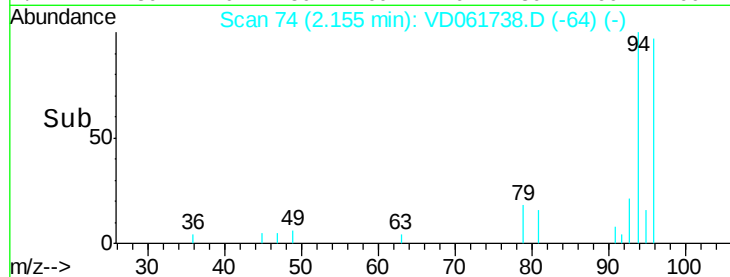
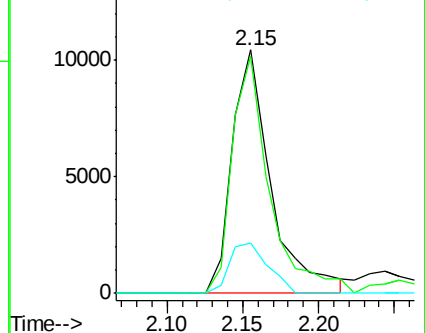
93 20.8 18.6 28.0



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 17.381 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VD061738.D

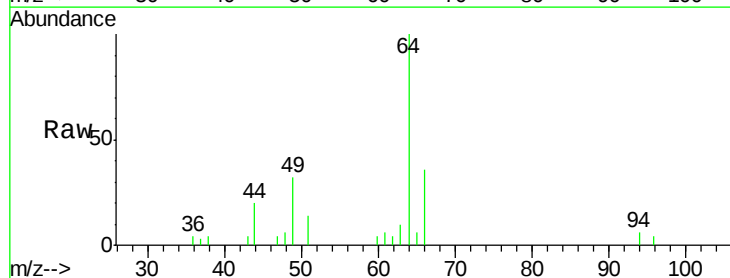
Acq: 11 Apr 2019 13:57

Tgt Ion: 64 Resp: 28303

Ion Ratio Lower Upper

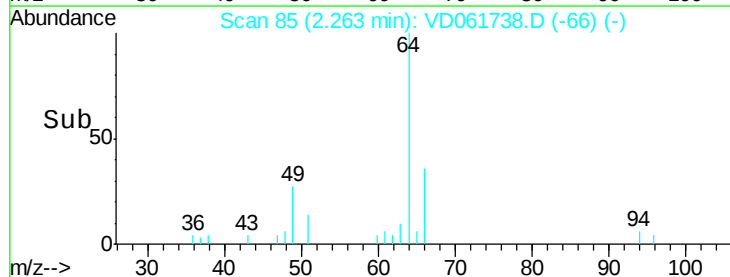
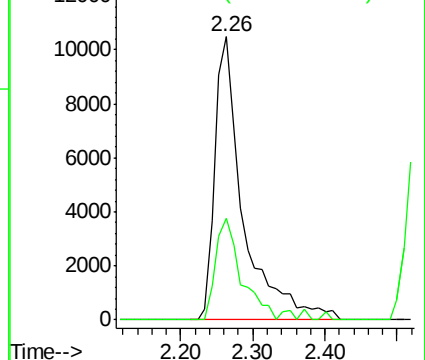
64 100

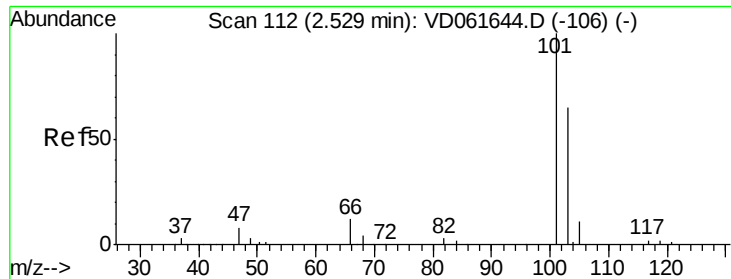
66 35.9 24.9 37.3



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



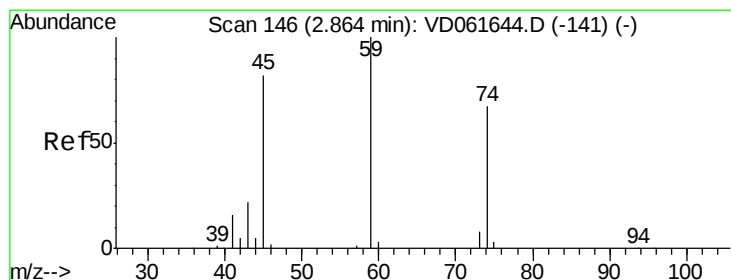
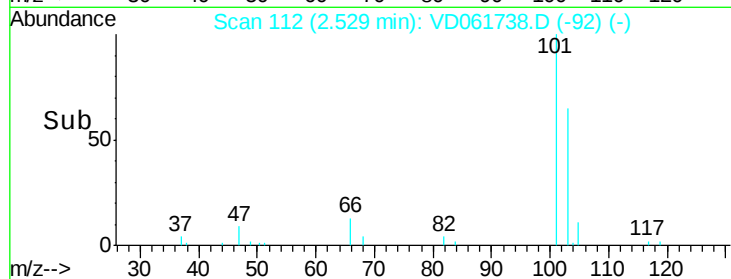
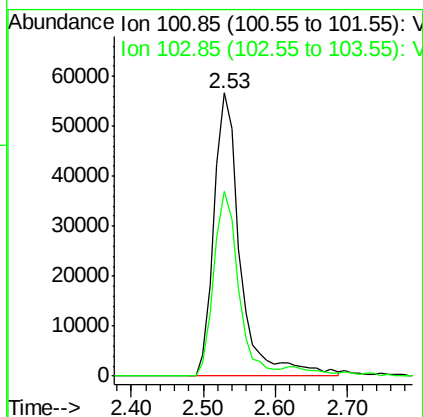
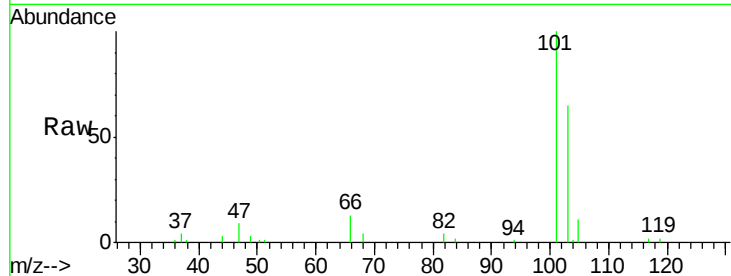


#7

Trichlorofluoromethane  
 Concen: 18.231 ug/l  
 RT: 2.53 min Scan# 112  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :

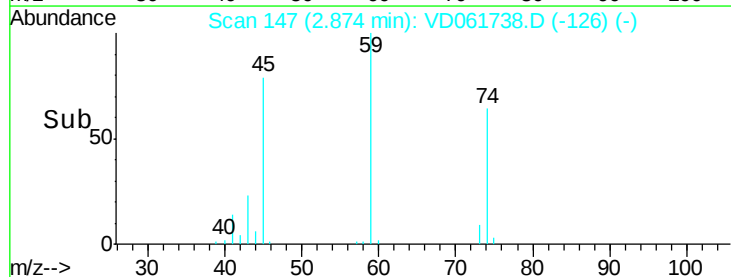
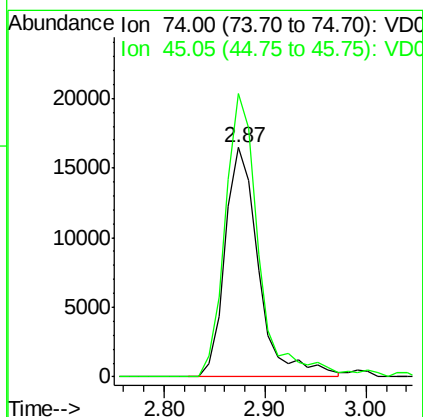
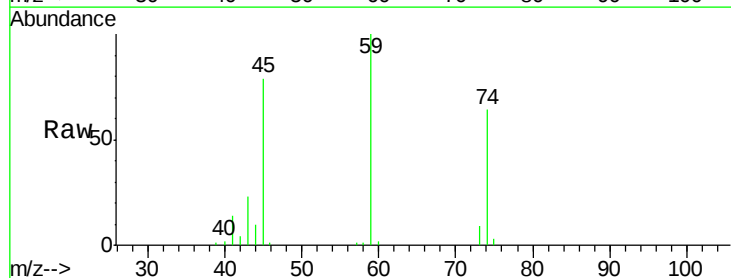
Tot Ion:101 Resp: 143116  
 Ion Ratio Lower Upper  
 101 100  
 103 65.2 52.0 78.0

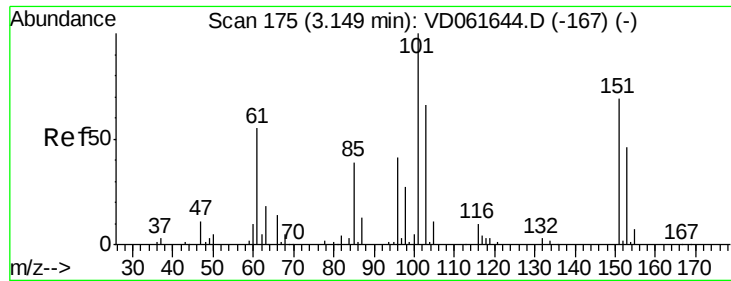


#8

Diethyl Ether  
 Concen: 17.348 ug/l  
 RT: 2.87 min Scan# 147  
 Delta R.T. 0.01 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Tgt Ion: 74 Resp: 38220  
 Ion Ratio Lower Upper  
 74 100  
 45 123.6 61.0 183.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.267 ug/l

RT: 3.15 min Scan# 175

Delta R.T. -0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :

MSVOA\_D

ClientSampleId :

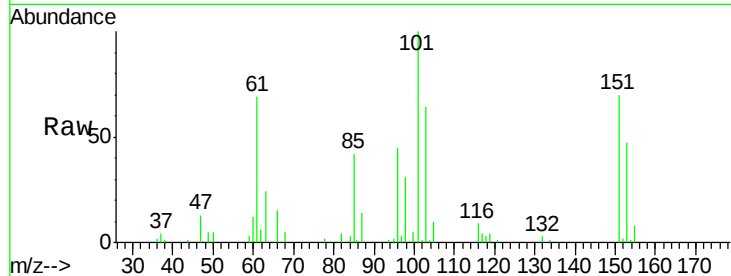
Tot Ion:101 Resp: 125547

Ion Ratio Lower Upper

101 100

85 41.6 31.0 46.6

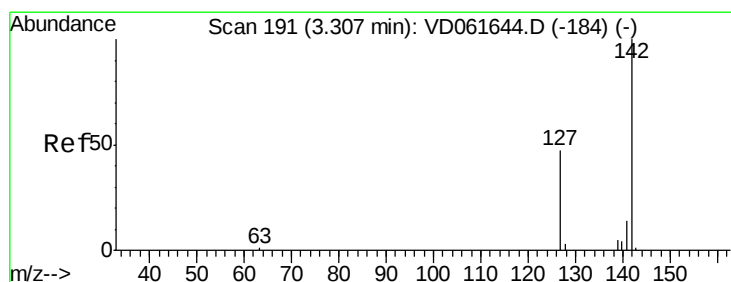
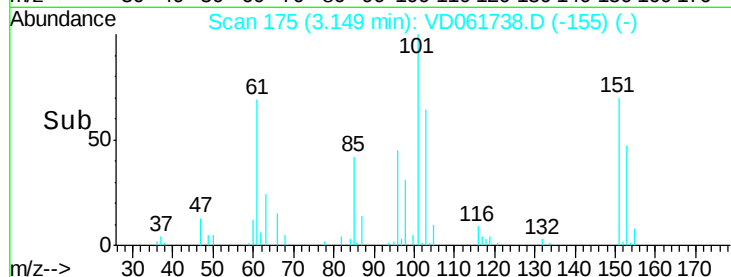
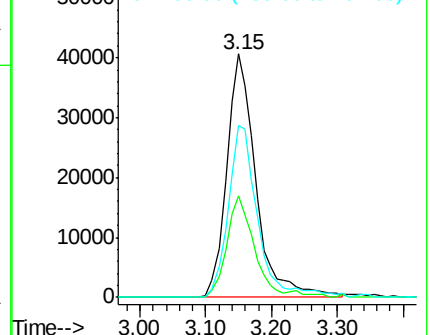
151 70.5 55.3 82.9



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 17.370 ug/l

RT: 3.31 min Scan# 191

Delta R.T. 0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

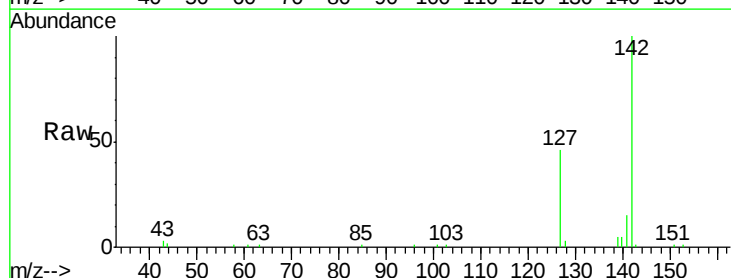
Tgt Ion:142 Resp: 170305

Ion Ratio Lower Upper

142 100

127 46.4 37.2 55.8

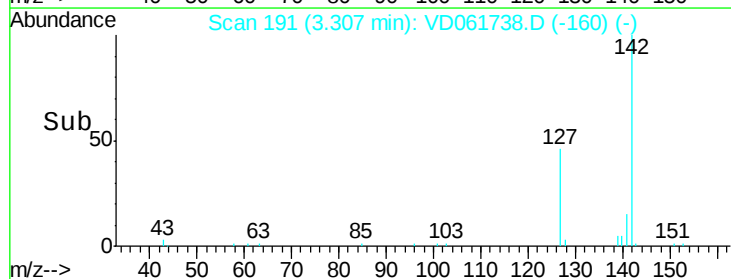
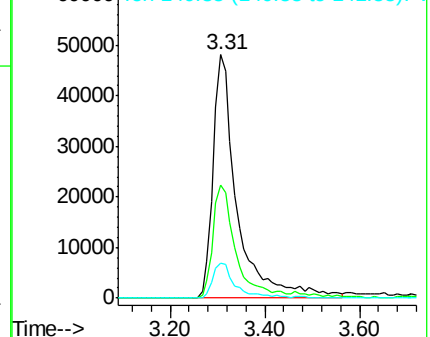
141 14.6 10.8 16.2

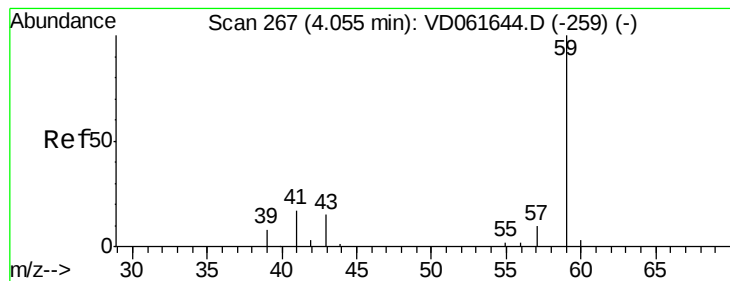


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



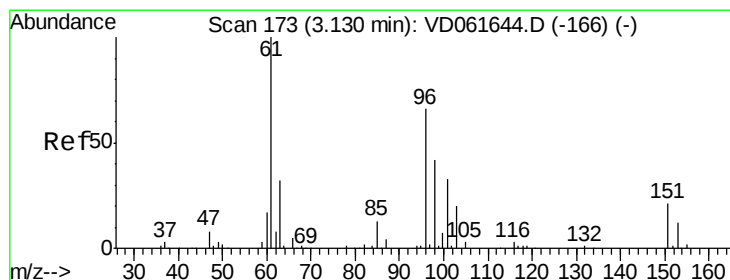
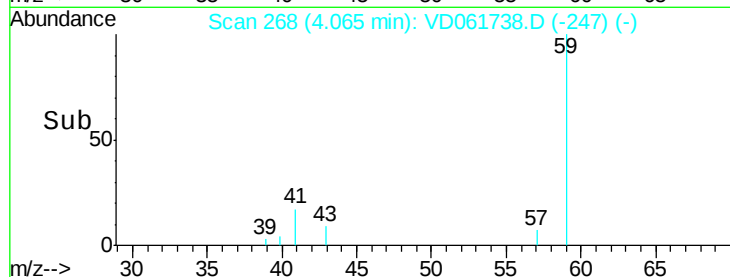
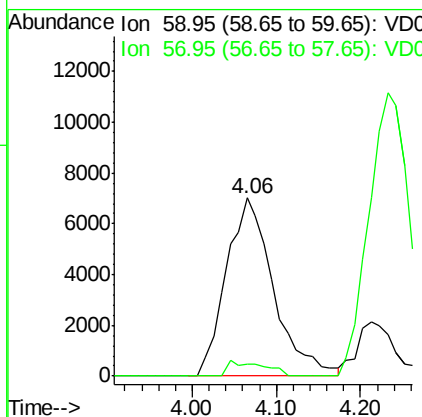
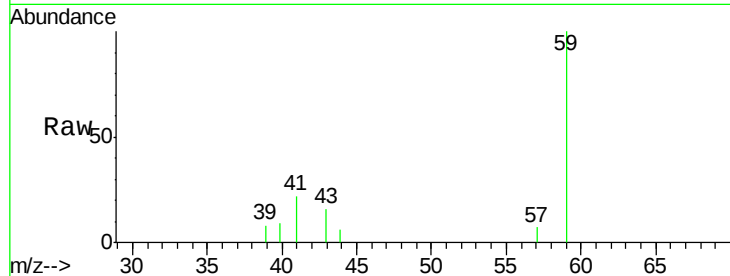


#11

Tert butyl alcohol  
 Concen: 84.402 ug/l  
 RT: 4.06 min Scan# 268  
 Delta R.T. 0.01 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Instrument :  
 MSVOA\_D  
 ClientSampleID :

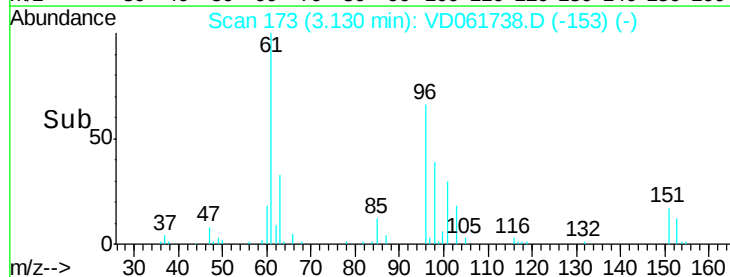
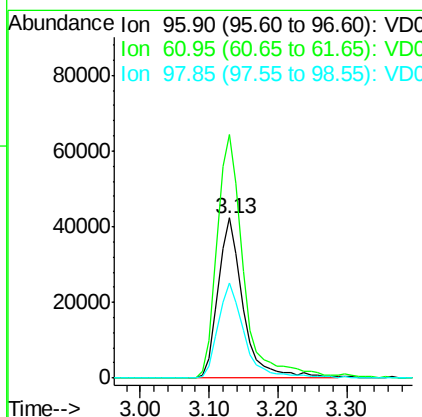
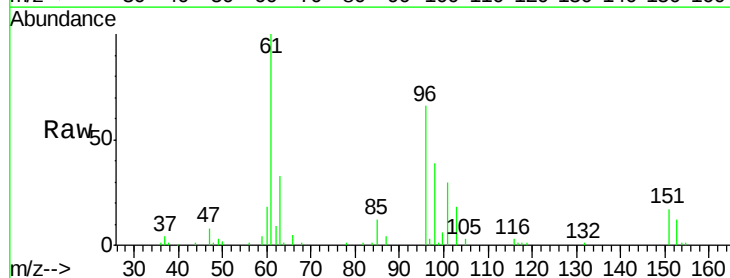
Tot Ion: 59 Resp: 27364  
 Ion Ratio Lower Upper  
 59 100  
 57 6.6 8.4 12.6#

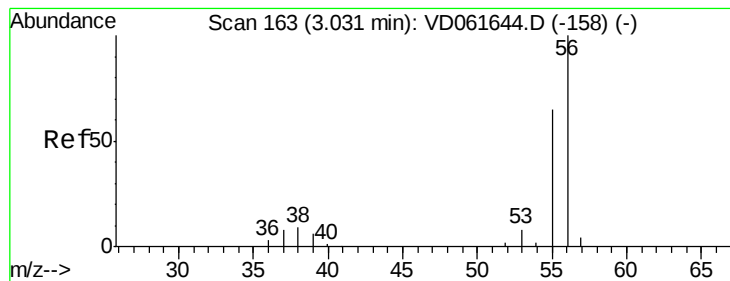


#12

1,1-Dichloroethene  
 Concen: 16.065 ug/l  
 RT: 3.13 min Scan# 173  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Tgt Ion: 96 Resp: 106883  
 Ion Ratio Lower Upper  
 96 100  
 61 152.1 121.3 181.9  
 98 59.5 50.6 76.0





#13

Acrolein

Concen: 74.588 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :

MSVOA\_D

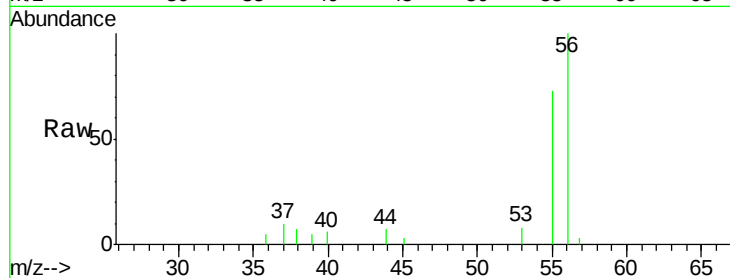
ClientSampled :

Tot Ion: 56 Resp: 29483

Ion Ratio Lower Upper

56 100

55 72.9 51.8 77.6



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.04

12000

10000

8000

6000

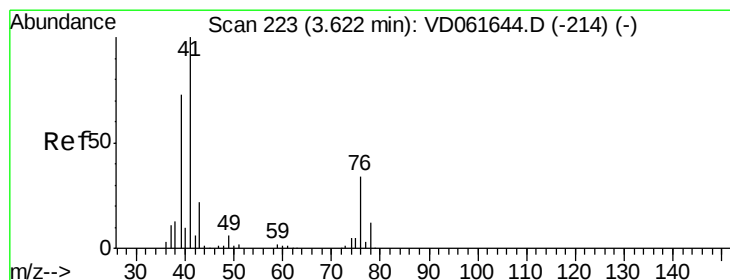
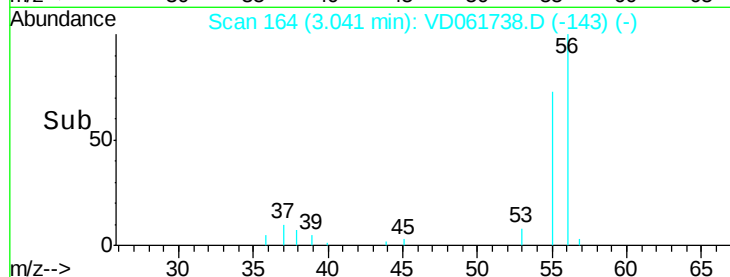
4000

2000

0

Time-->

2.90 3.00 3.10 3.20



#14

Allyl chloride

Concen: 17.323 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

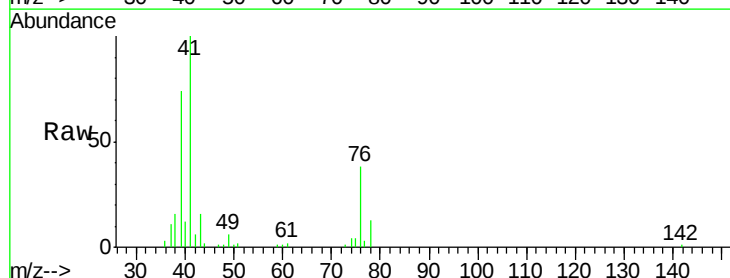
Tgt Ion: 41 Resp: 157193

Ion Ratio Lower Upper

41 100

39 74.3 58.2 87.4

76 38.0 29.8 44.6



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

3.62

80000

60000

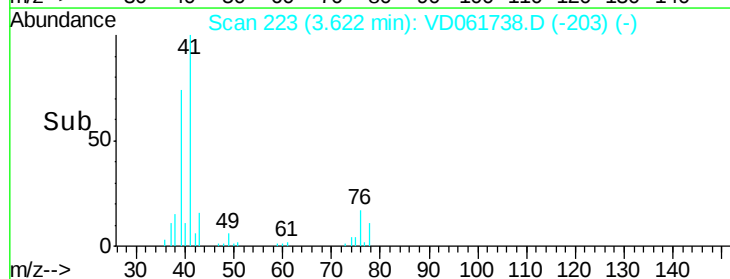
40000

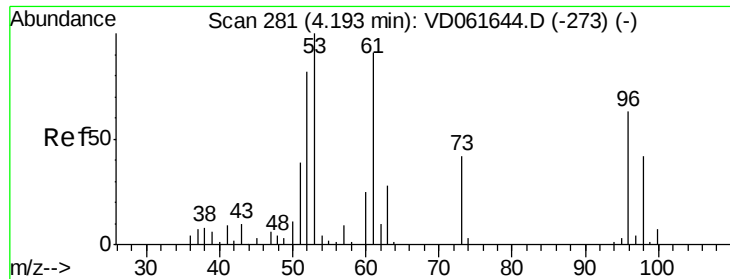
20000

0

Time-->

3.50 3.60 3.70 3.80





#15

Acrylonitrile

Concen: 79.824 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :  
MSVOA\_D  
ClientSampled :

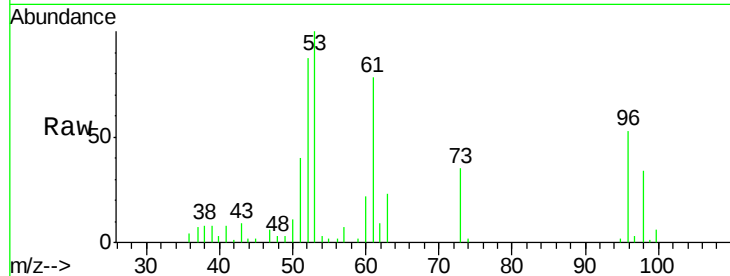
Tot Ion: 53 Resp: 89086

Ion Ratio Lower Upper

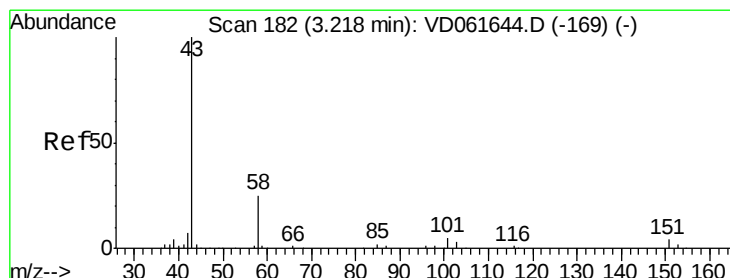
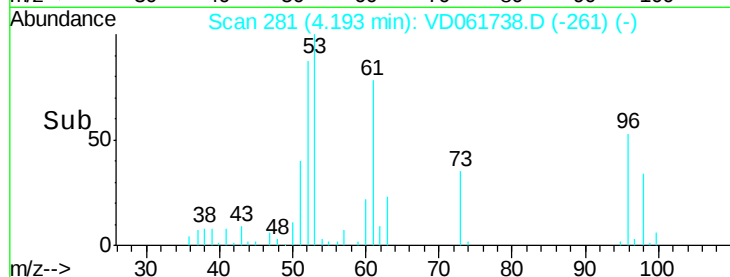
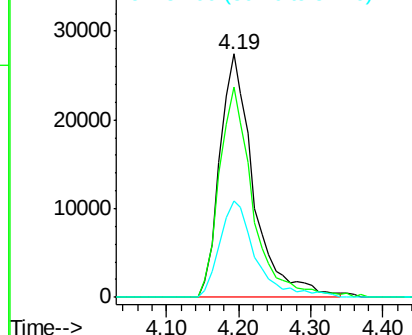
53 100

52 86.6 65.9 98.9

51 39.7 31.4 47.2



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: 73.488 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061738.D

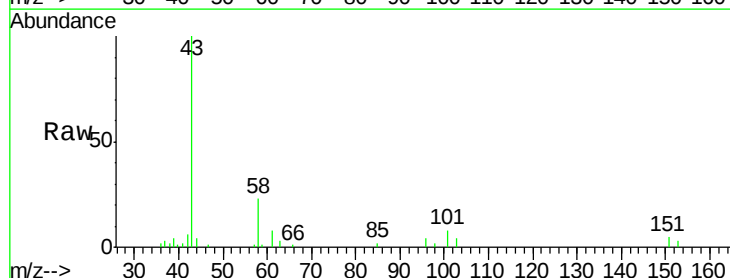
Acq: 11 Apr 2019 13:57

Tgt Ion: 43 Resp: 106272

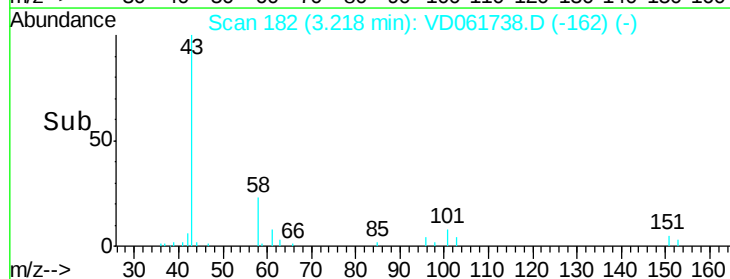
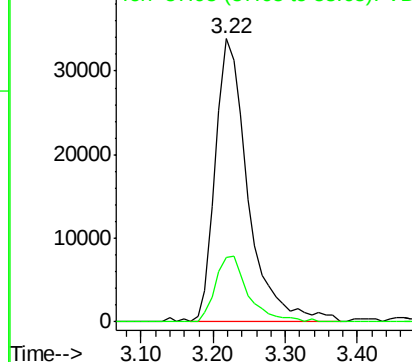
Ion Ratio Lower Upper

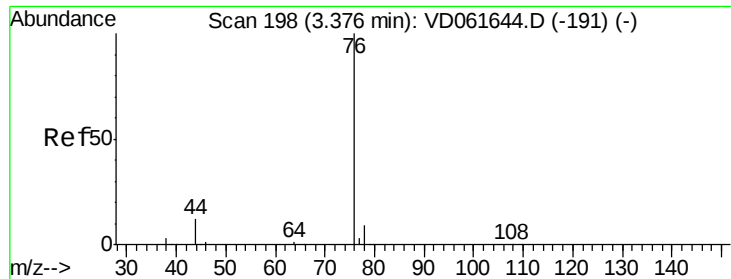
43 100

58 22.7 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

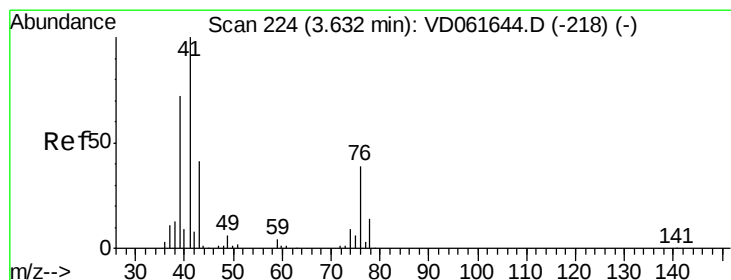
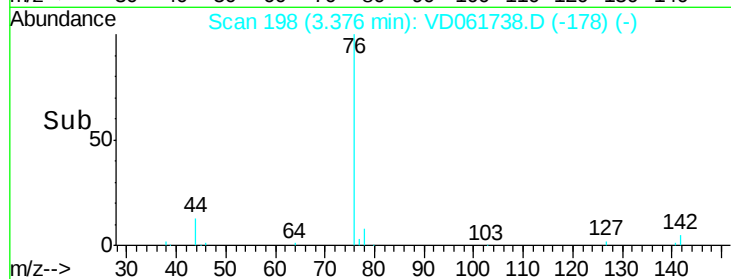
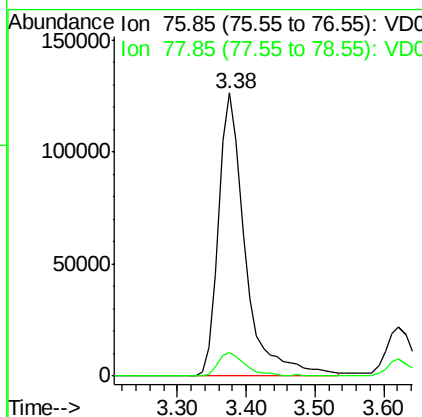
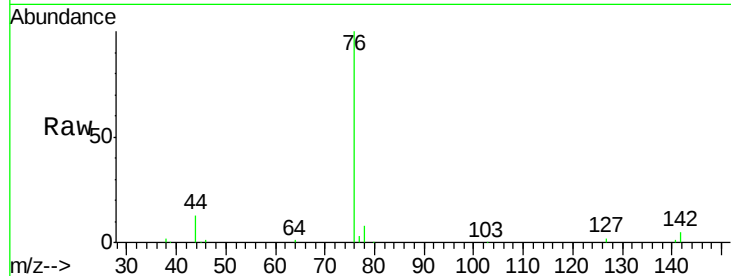




#17  
Carbon Disulfide  
Concen: 15.746 ug/l  
RT: 3.38 min Scan# 198  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

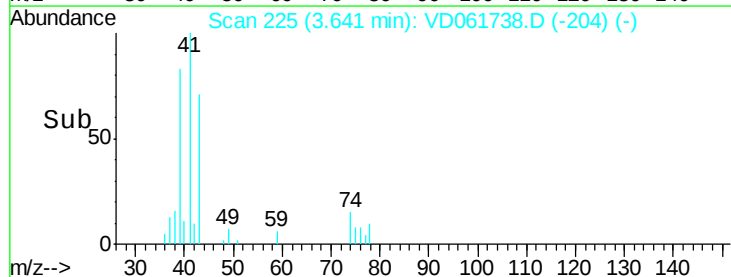
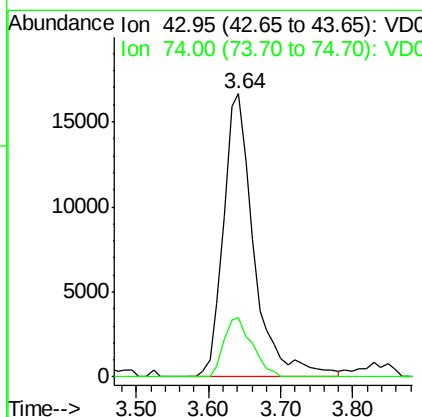
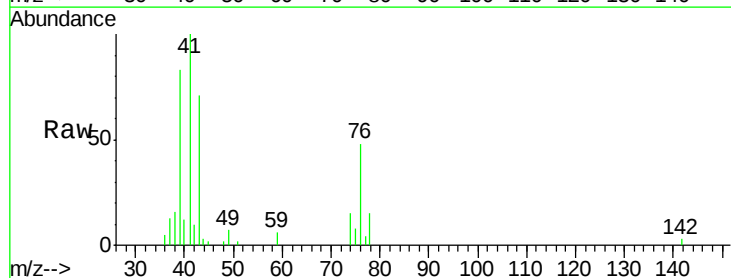
Instrument :  
MSVOA\_D  
ClientSampleId :

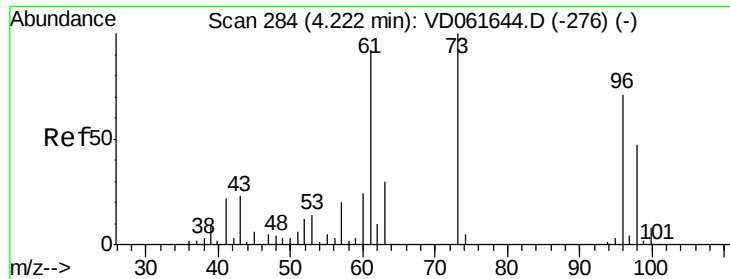
Tot Ion: 76 Resp: 340402  
Ion Ratio Lower Upper  
76 100  
78 8.4 7.4 11.2



#18  
Methyl Acetate  
Concen: 17.920 ug/l  
RT: 3.64 min Scan# 225  
Delta R.T. 0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion: 43 Resp: 48755  
Ion Ratio Lower Upper  
43 100  
74 21.1 18.2 27.2

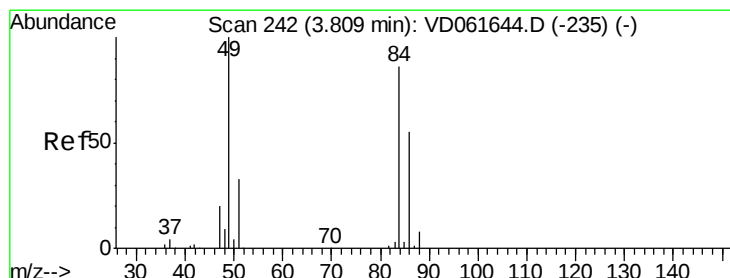
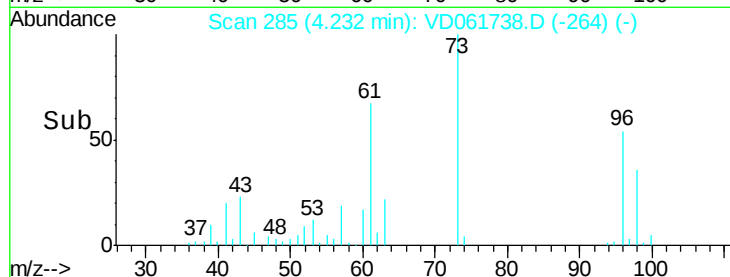
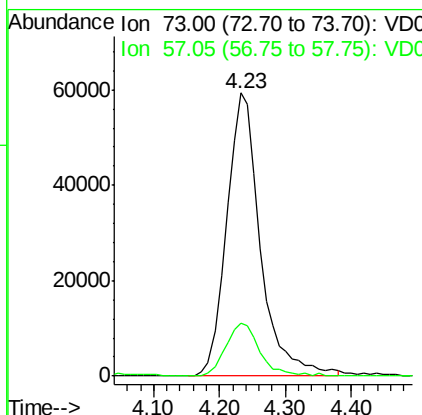
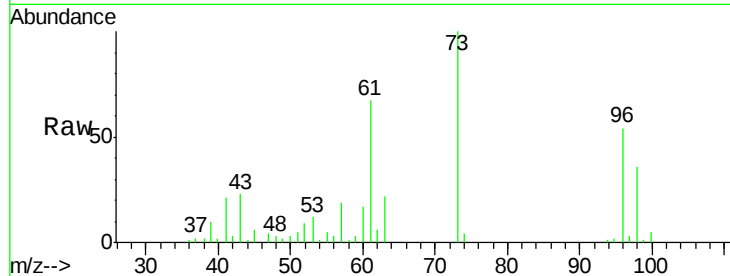




#19  
Methvl tert-butvl Ether  
Concen: 18.446 ug/l  
RT: 4.23 min Scan# 285  
Delta R.T. 0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

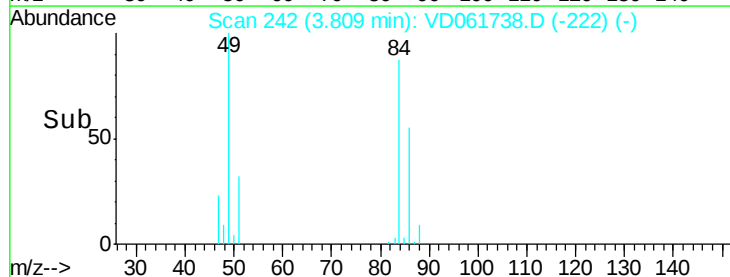
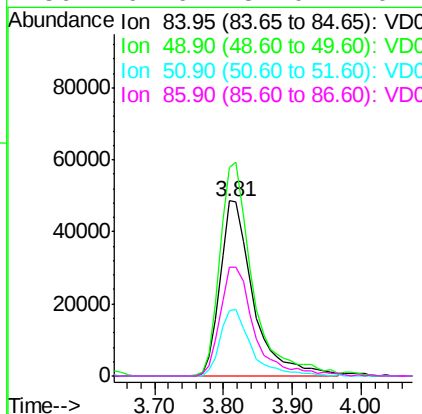
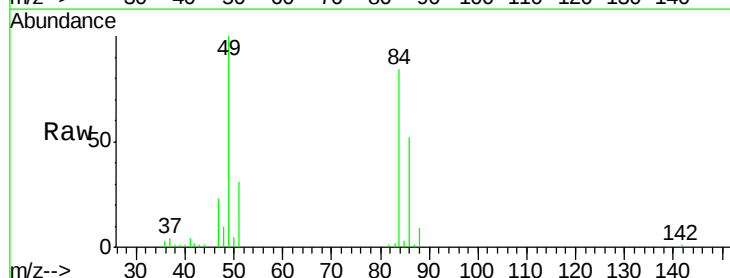
Instrument :  
MSVOA\_D  
ClientSampleId :

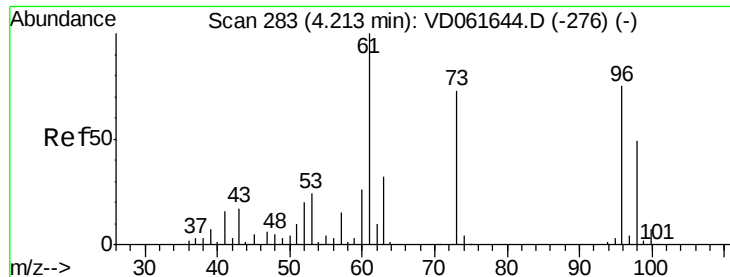
Tot Ion: 73 Resp: 212500  
Ion Ratio Lower Upper  
73 100  
57 18.8 16.0 24.0



#20  
Methylene Chloride  
Concen: 19.791 ug/l  
RT: 3.81 min Scan# 242  
Delta R.T. 0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion: 84 Resp: 162403  
Ion Ratio Lower Upper  
84 100  
49 119.6 93.0 139.4  
51 37.5 30.4 45.6  
86 62.6 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 18.093 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.01 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :  
MSVOA\_D  
ClientSampleId :

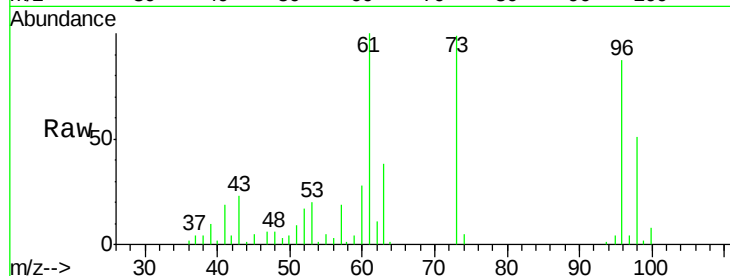
Tot Ion: 96 Resp: 130741

Ion Ratio Lower Upper

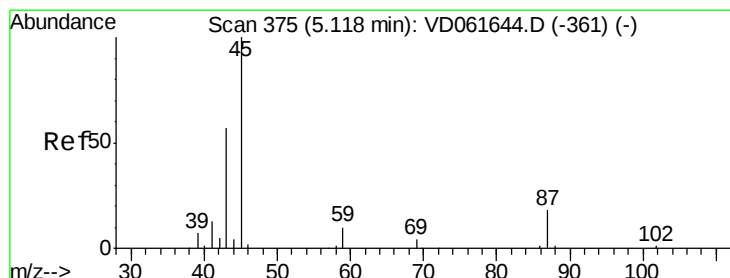
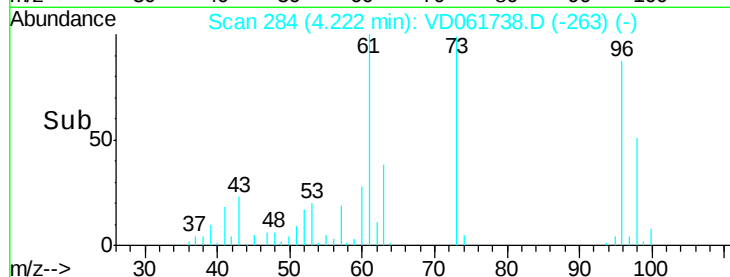
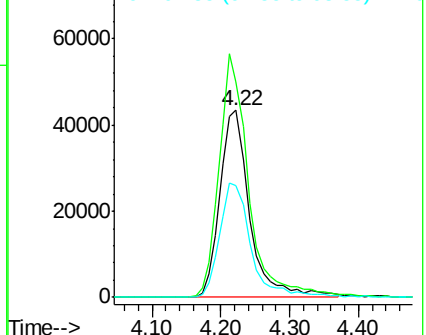
96 100

61 115.5 106.8 160.2

98 59.4 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 16.964 ug/l

RT: 5.11 min Scan# 374

Delta R.T. -0.01 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Tgt Ion: 45 Resp: 322743

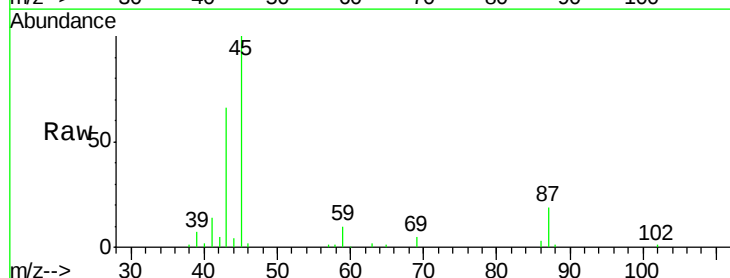
Ion Ratio Lower Upper

45 100

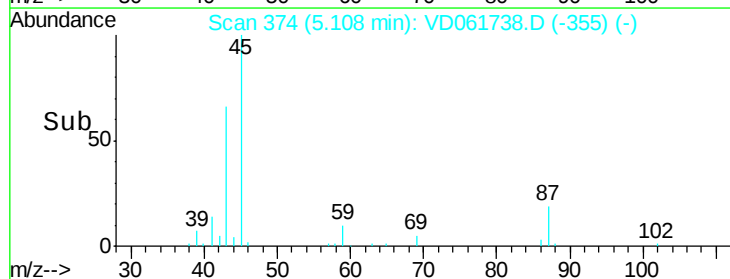
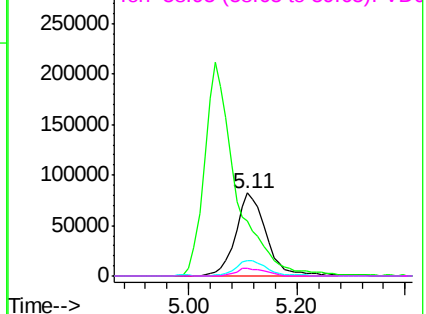
43 65.9 46.6 70.0

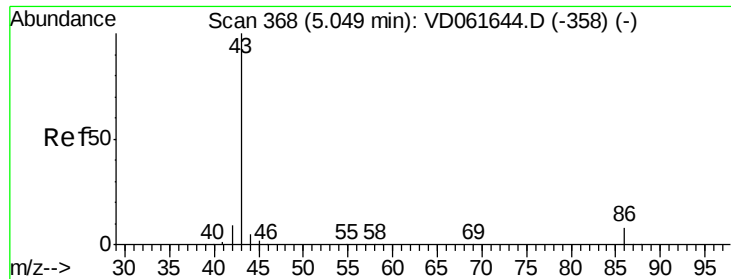
87 19.0 15.6 23.4

59 10.0 8.6 13.0



Abundance Ion 45.05 (44.75 to 45.75): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 87.00 (86.70 to 87.70): VDC  
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 80.689 ug/l

RT: 5.05 min Scan# 368

Delta R.T. -0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

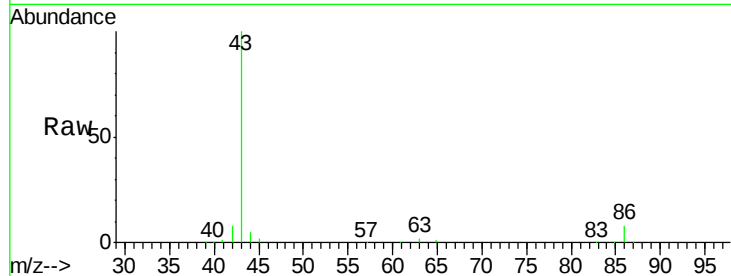
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 847063

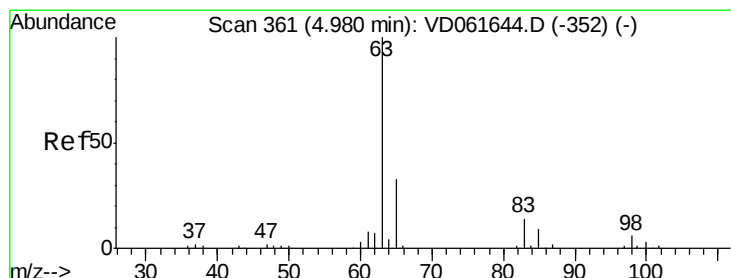
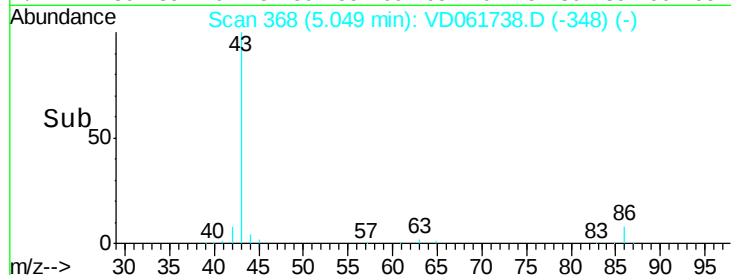
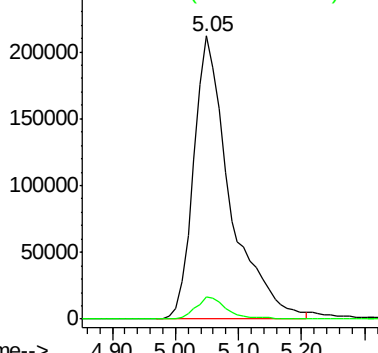
Ion Ratio Lower Upper

43 100

86 8.1 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 16.690 ug/l

RT: 4.98 min Scan# 361

Delta R.T. -0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

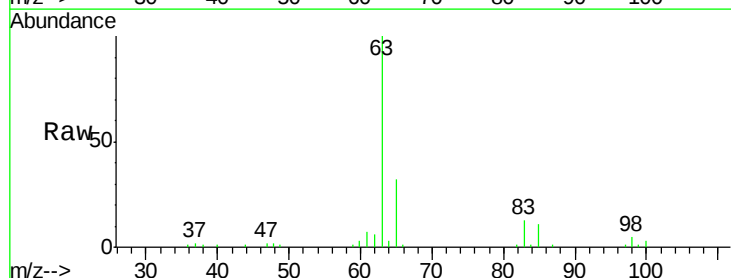
Tgt Ion: 63 Resp: 194577

Ion Ratio Lower Upper

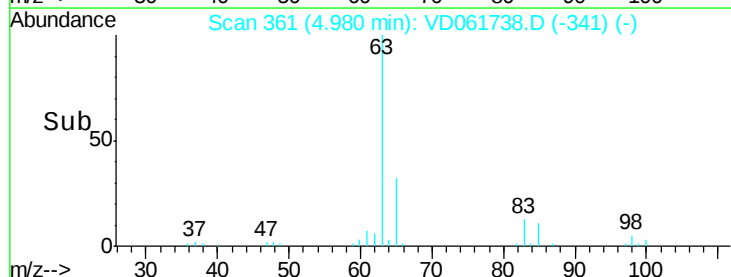
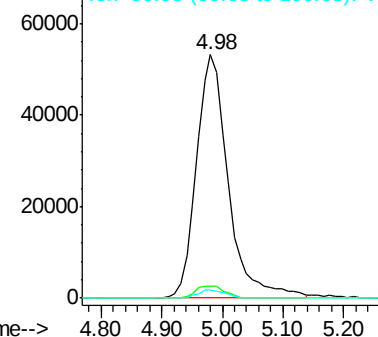
63 100

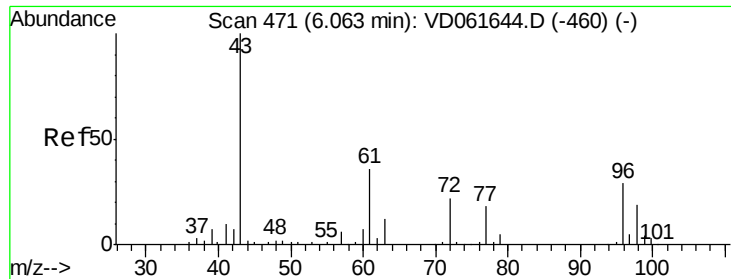
98 5.1 2.9 8.6

100 3.4 1.7 5.1



Abundance Ion 62.95 (62.65 to 63.65): VDC  
Ion 97.95 (97.65 to 98.65): VDC  
Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 81.478 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :

MSVOA\_D

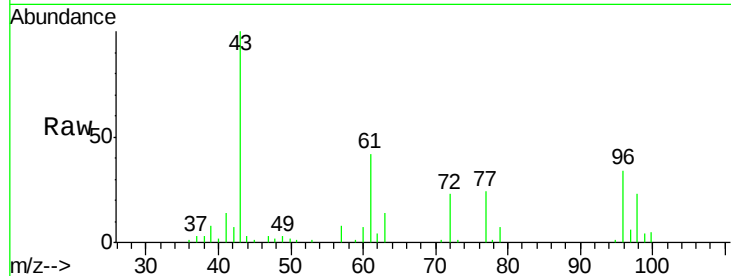
ClientSampleId :

Tot Ion: 43 Resp: 135833

Ion Ratio Lower Upper

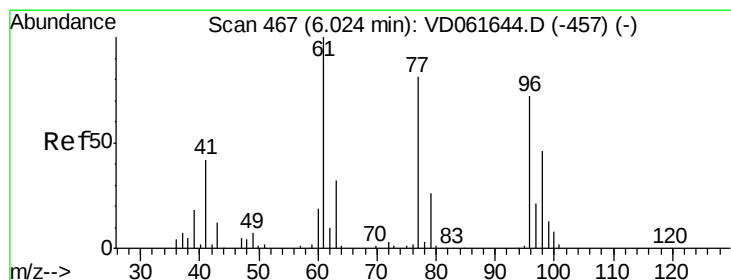
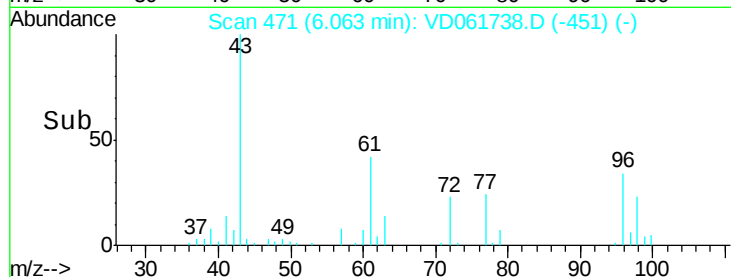
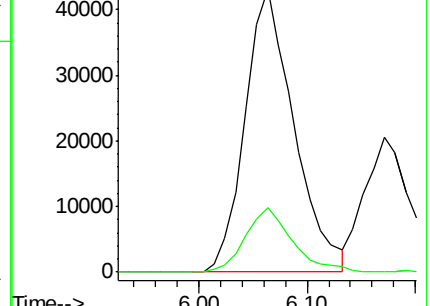
43 100

72 22.7 17.4 26.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 18.242 ug/l

RT: 6.02 min Scan# 467

Delta R.T. -0.00 min

Lab File: VD061738.D

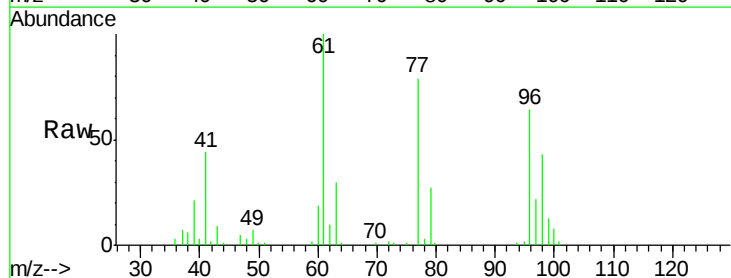
Acq: 11 Apr 2019 13:57

Tgt Ion: 77 Resp: 173178

Ion Ratio Lower Upper

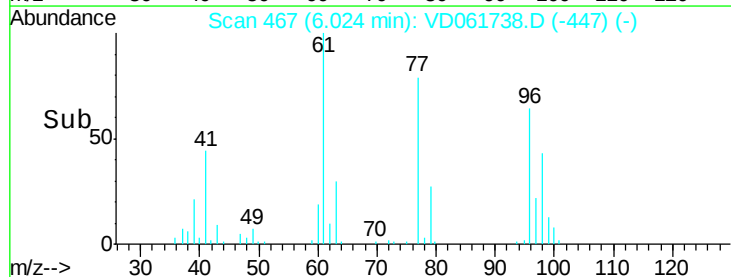
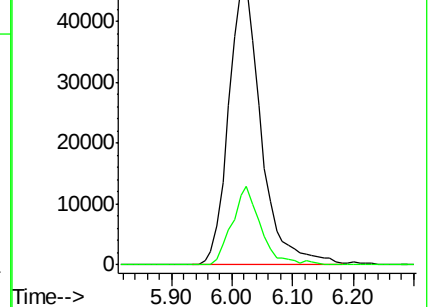
77 100

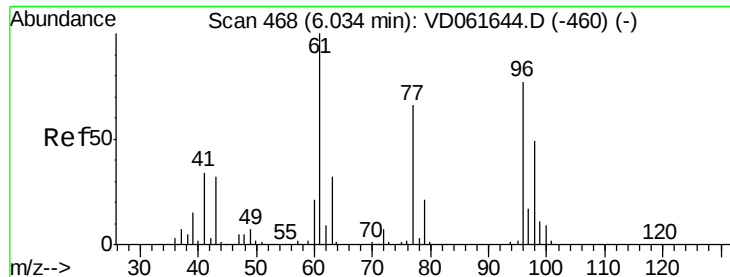
97 27.7 12.7 38.0



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



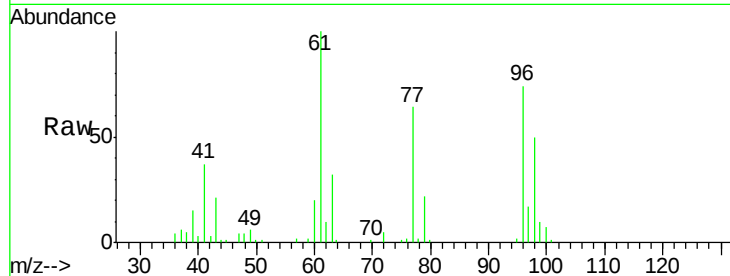


#27

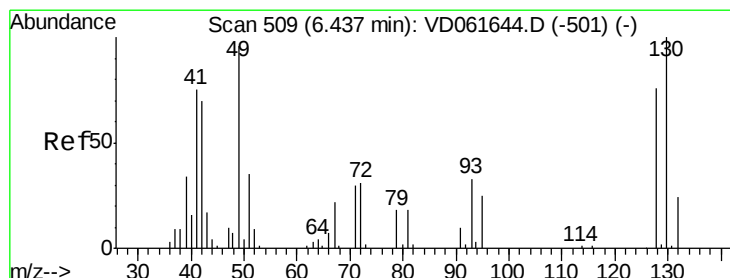
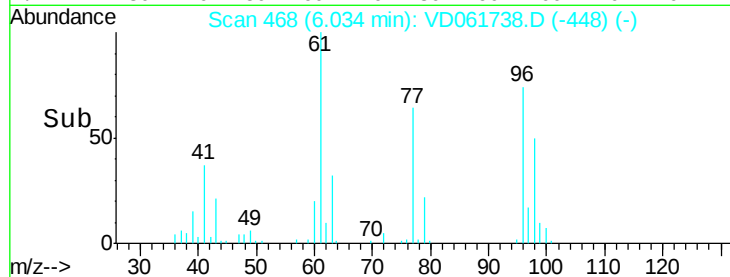
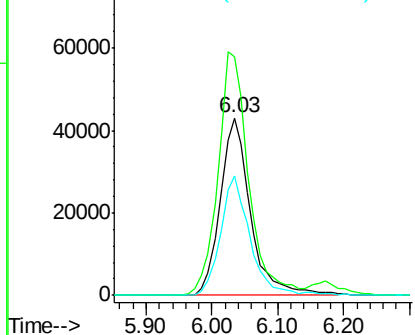
cis-1,2-Dichloroethene  
Concen: 17.822 ug/l  
RT: 6.03 min Scan# 468  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Instrument :  
MSVOA\_D  
ClientSampleId :

| Tot Ion | 96    | Resp  | 137393 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 134.8 | 0.0   | 259.8  |
| 98      | 67.1  | 0.0   | 127.6  |



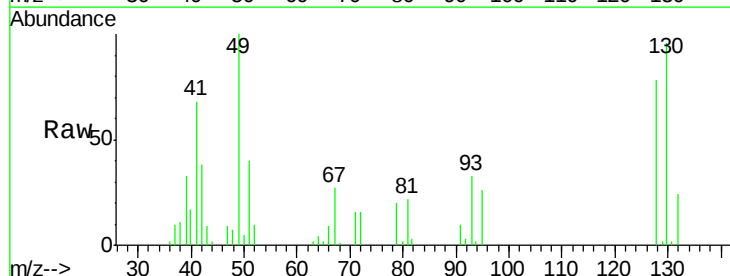
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



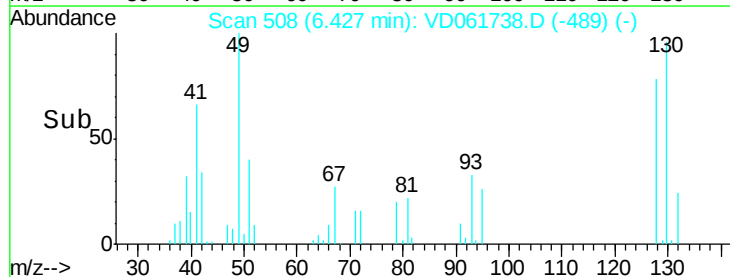
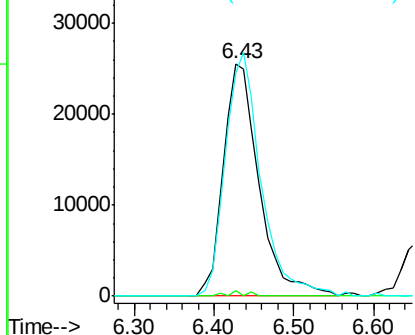
#28

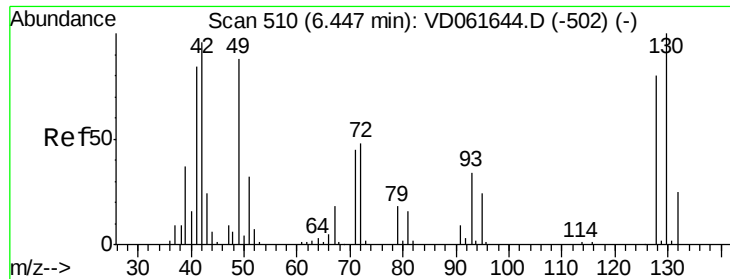
Bromochloromethane  
Concen: 18.685 ug/l  
RT: 6.43 min Scan# 508  
Delta R.T. -0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

| Tgt Ion | 49    | Resp  | 80357 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 4.0   |
| 130     | 95.8  | 83.3  | 124.9 |



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

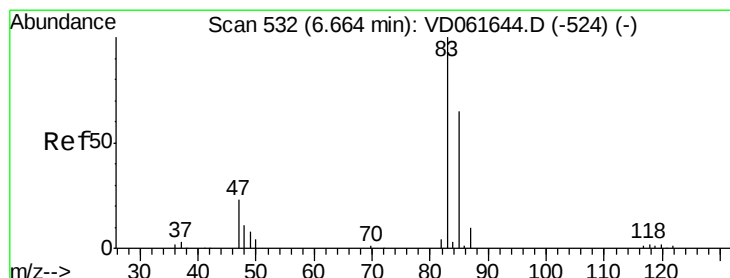
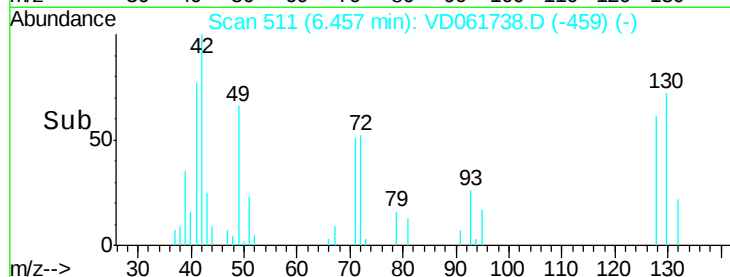
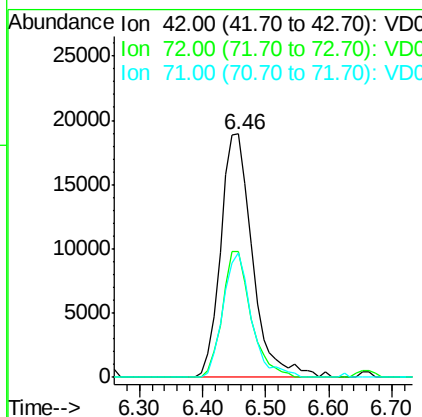
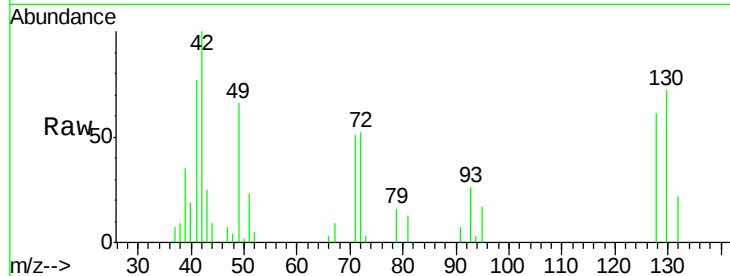




#29  
Tetrahydrofuran  
Concen: 82.373 ug/l  
RT: 6.46 min Scan# 511  
Delta R.T. 0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

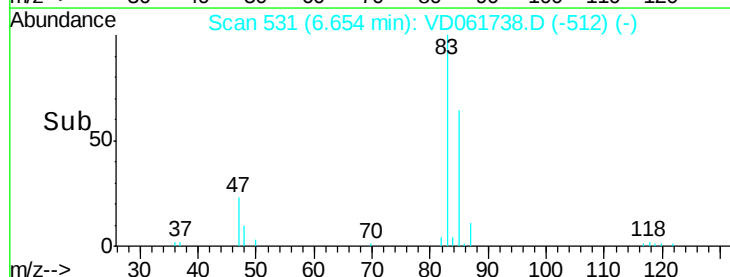
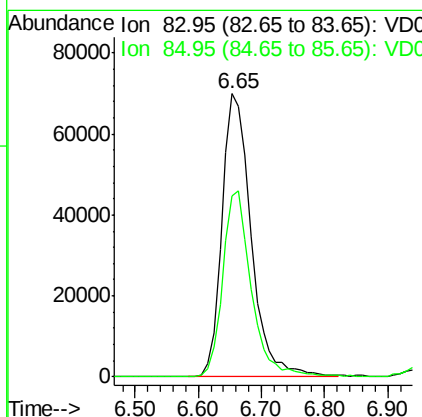
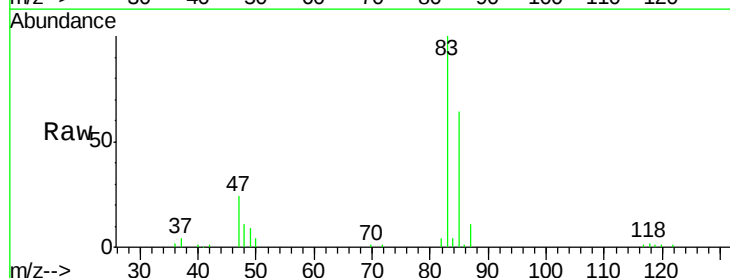
Instrument :  
MSVOA\_D  
ClientSampled :

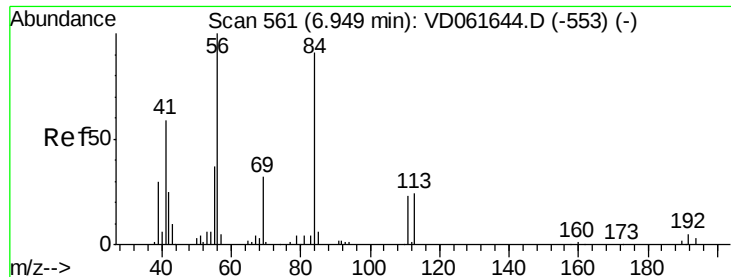
Tot Ion: 42 Resp: 66292  
Ion Ratio Lower Upper  
42 100  
72 46.5 37.0 55.6  
71 45.5 36.5 54.7



#30  
Chloroform  
Concen: 18.402 ug/l  
RT: 6.65 min Scan# 531  
Delta R.T. -0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion: 83 Resp: 224757  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.9 77.9

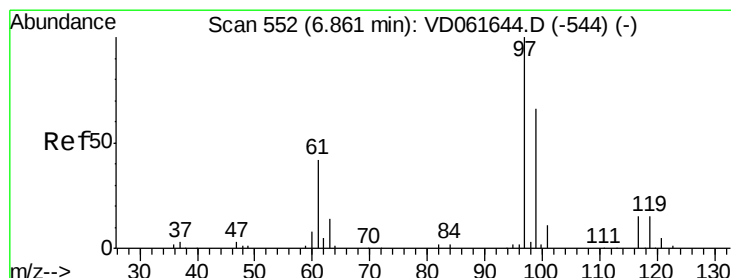
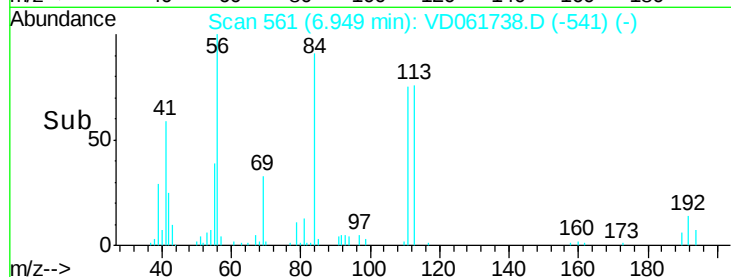
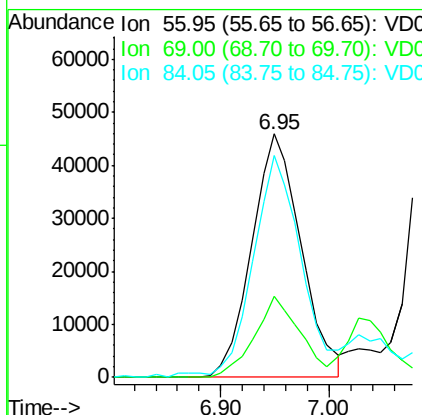
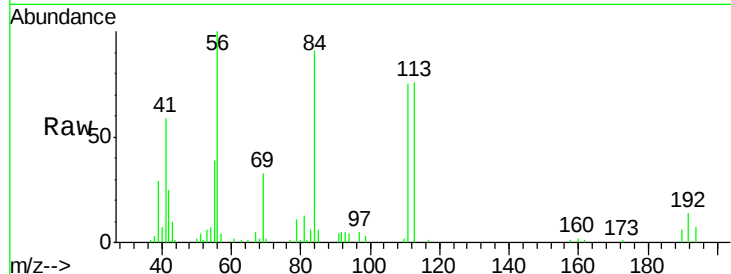




#31  
Cyclohexane  
Concen: 16.000 ug/l  
RT: 6.95 min Scan# 561  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

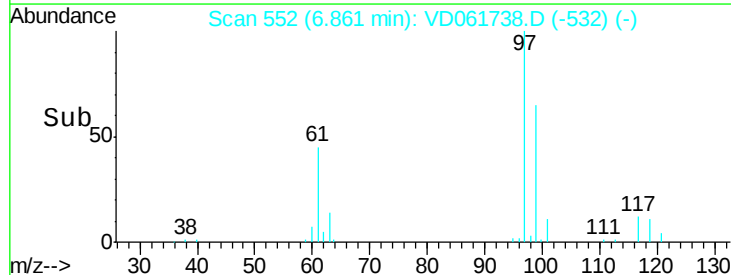
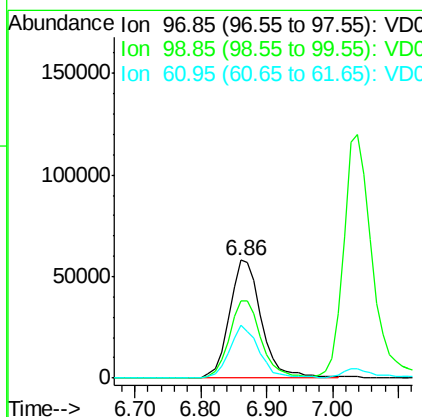
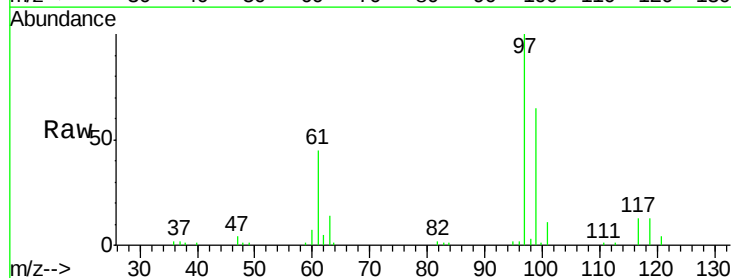
Instrument :  
MSVOA\_D  
ClientSampleId :

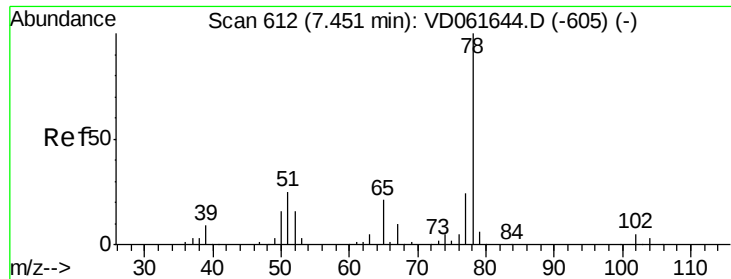
Tot Ion: 56 Resp: 145729  
Ion Ratio Lower Upper  
56 100  
69 33.4 25.8 38.6  
84 90.9 74.2 111.2



#32  
1,1,1-Trichloroethane  
Concen: 18.432 ug/l  
RT: 6.86 min Scan# 552  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion: 97 Resp: 197273  
Ion Ratio Lower Upper  
97 100  
99 65.1 52.5 78.7  
61 44.5 33.4 50.0

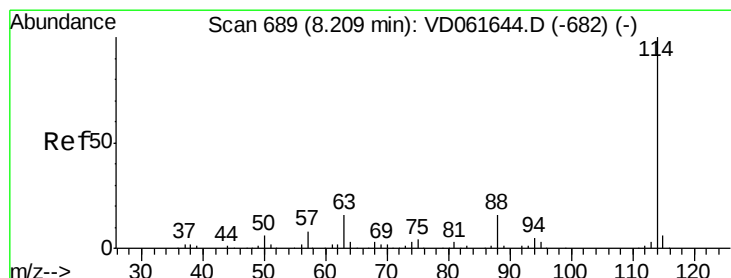
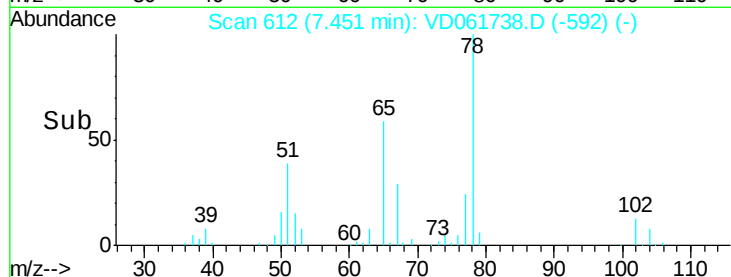
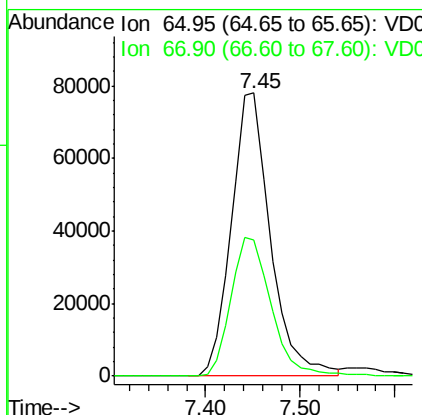
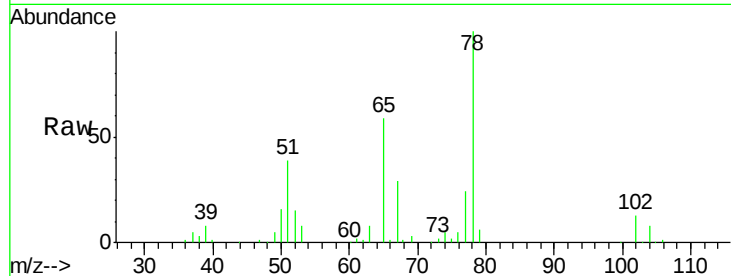




#33  
 1,2-Dichloroethane-d4  
 Concen: 18.432 ug/l  
 RT: 7.45 min Scan# 612  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

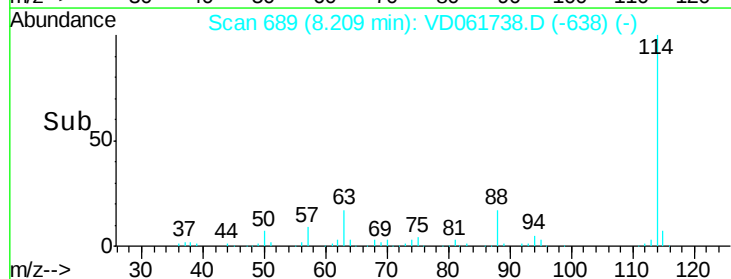
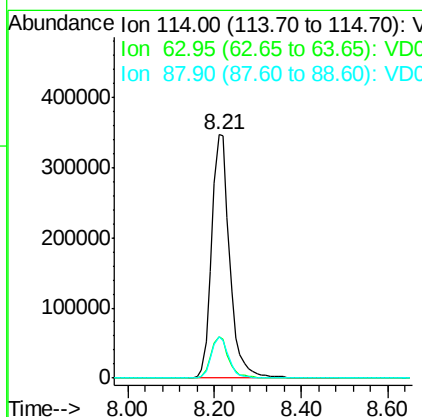
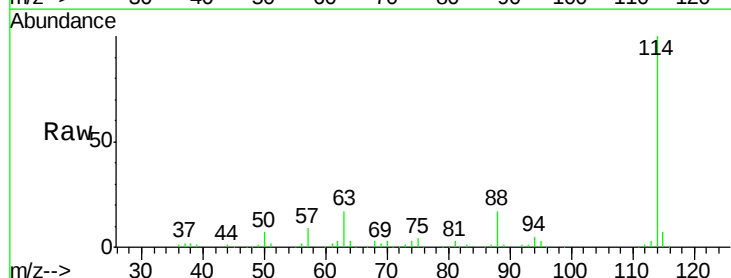
Instrument :  
 MSVOA\_D  
 ClientSampled :

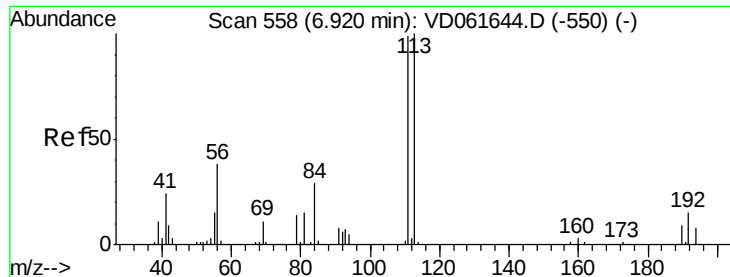
Tot Ion: 65 Resp: 223566  
 Ion Ratio Lower Upper  
 65 100  
 67 48.2 0.0 99.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.21 min Scan# 689  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Tgt Ion: 114 Resp: 1007826  
 Ion Ratio Lower Upper  
 114 100  
 63 16.9 0.0 31.2  
 88 17.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

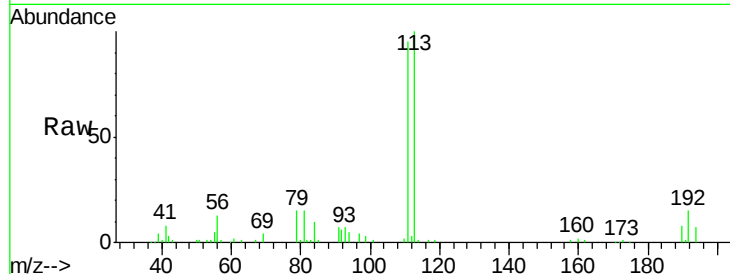
Delta R.T. -0.00 min

Lab File: VD061738.D

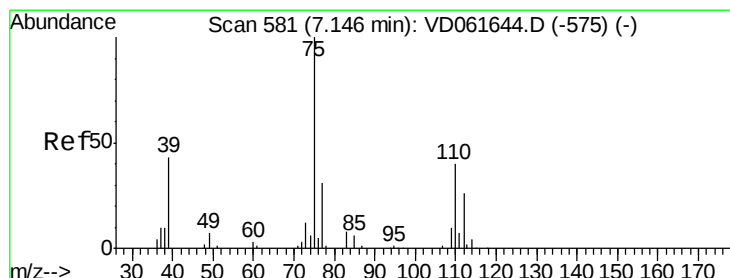
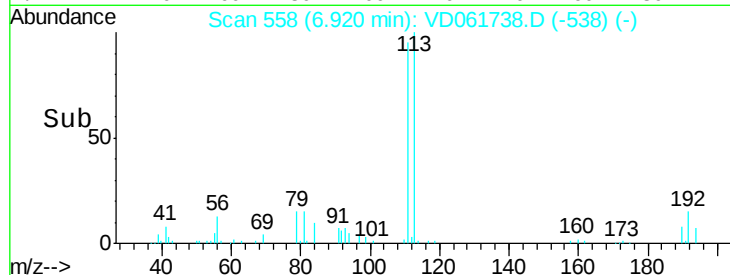
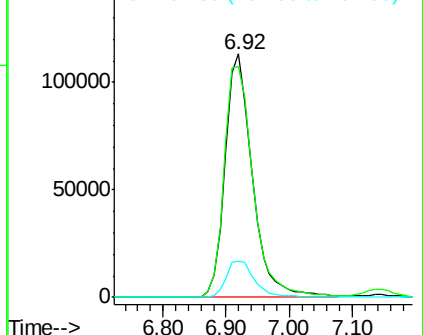
Acq: 11 Apr 2019 13:57

Instrument :  
MSVOA\_D  
ClientSampled :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:113 | Resp: | 339997      |
| Ion         | Ratio | Lower Upper |
| 113         | 100   |             |
| 111         | 94.7  | 79.3 118.9  |
| 192         | 15.1  | 12.3 18.5   |



Abundance Ion 112.90 (112.60 to 113.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 19.270 ug/l

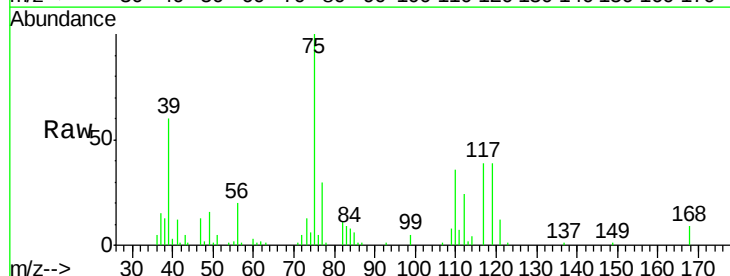
RT: 7.14 min Scan# 580

Delta R.T. -0.01 min

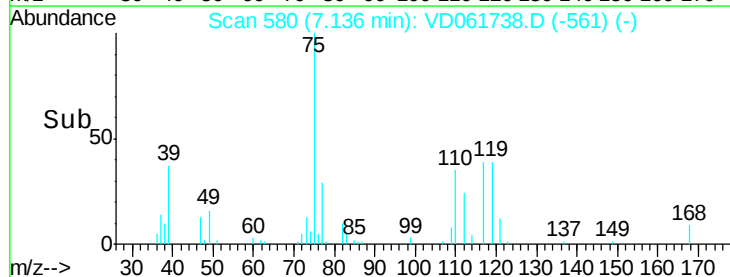
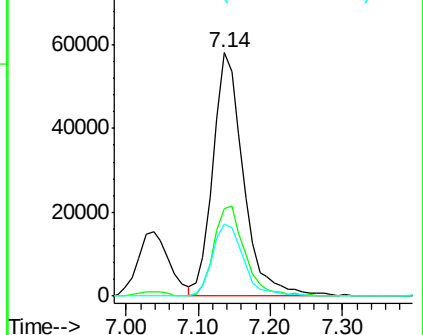
Lab File: VD061738.D

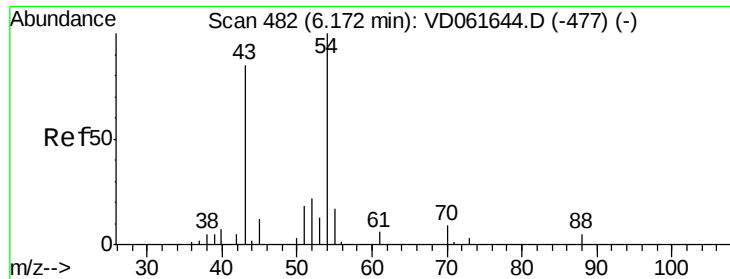
Acq: 11 Apr 2019 13:57

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 169964      |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 110         | 36.1  | 19.7 59.0   |
| 77          | 29.7  | 24.8 37.2   |



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.95 (76.65 to 77.65): VDC

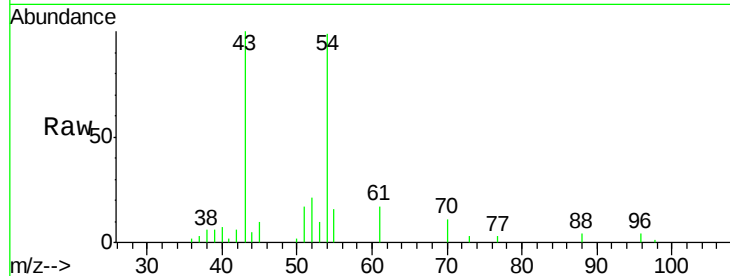




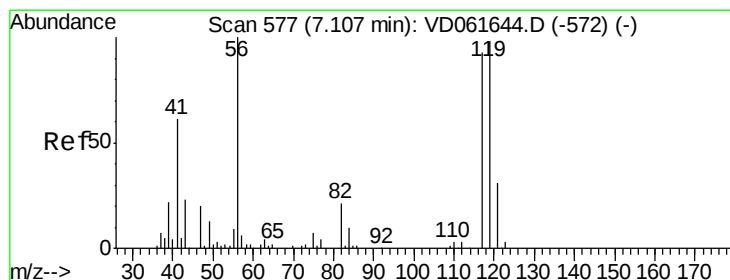
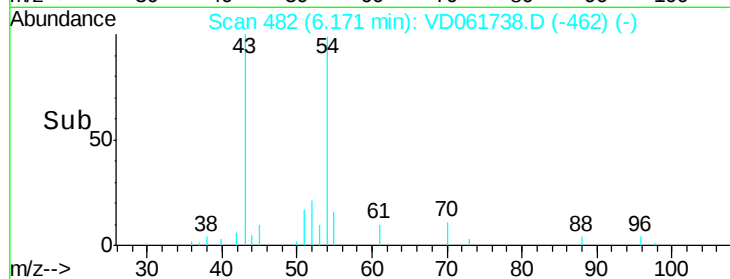
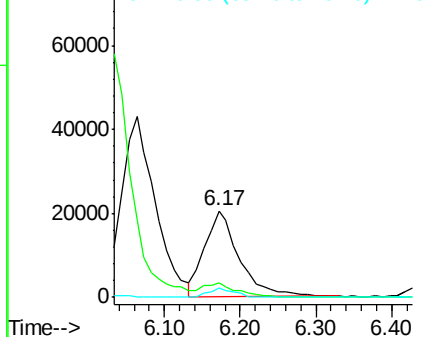
#37  
Ethyl Acetate  
Concen: 17.854 ug/l  
RT: 6.17 min Scan# 482  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 64143  
Ion Ratio Lower Upper  
43 100  
61 17.2 11.9 17.9  
70 10.8 6.9 10.3#

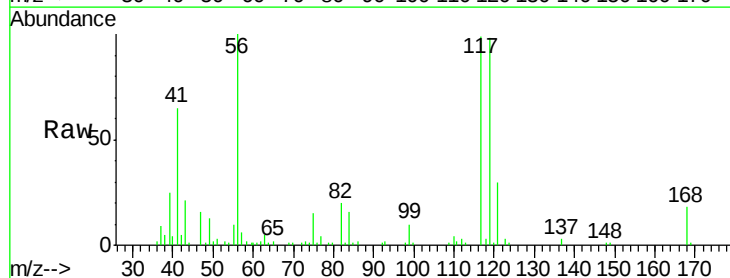


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

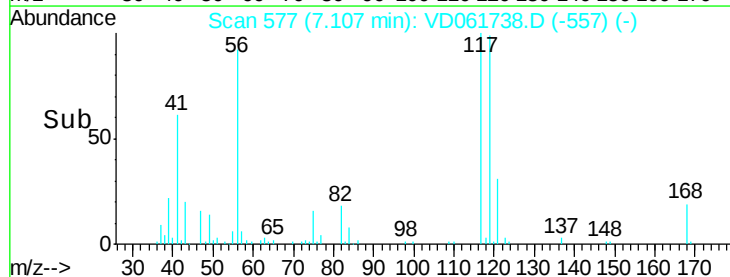
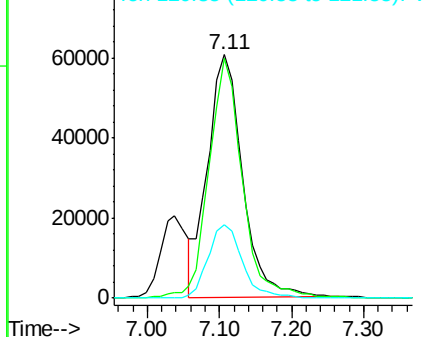


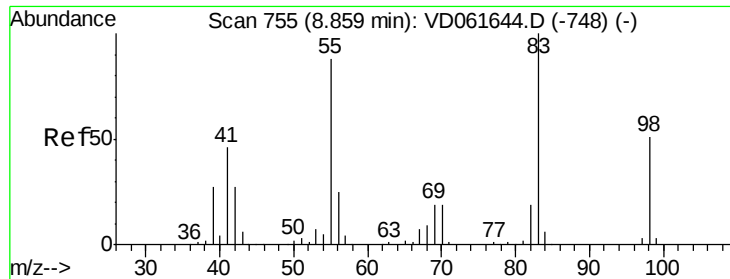
#38  
Carbon Tetrachloride  
Concen: 19.696 ug/l  
RT: 7.11 min Scan# 577  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion: 117 Resp: 203601  
Ion Ratio Lower Upper  
117 100  
119 98.4 77.9 116.9  
121 30.1 24.7 37.1



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 118.85 (118.55 to 119.55): V  
Ion 120.85 (120.55 to 121.55): V

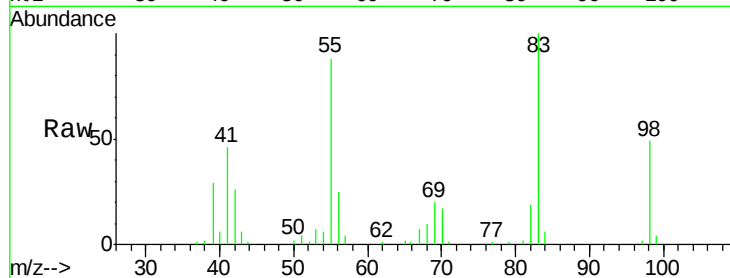




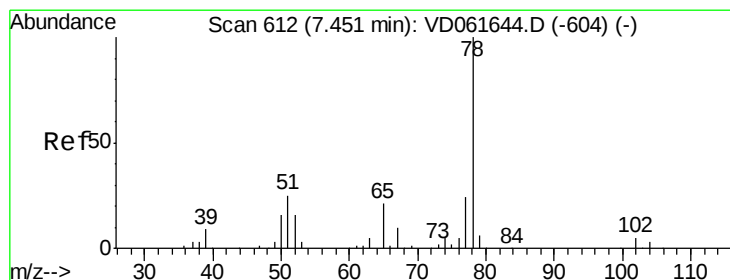
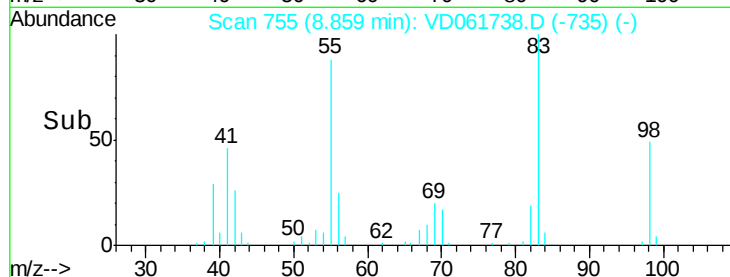
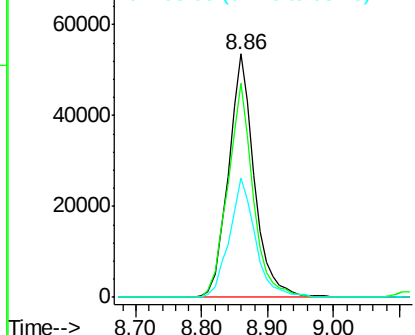
#39  
Methvlcvclohexane  
Concen: 16.261 ug/l  
RT: 8.86 min Scan# 755  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 83 Resp: 147247  
Ion Ratio Lower Upper  
83 100  
55 88.0 70.3 105.5  
98 49.0 41.0 61.6

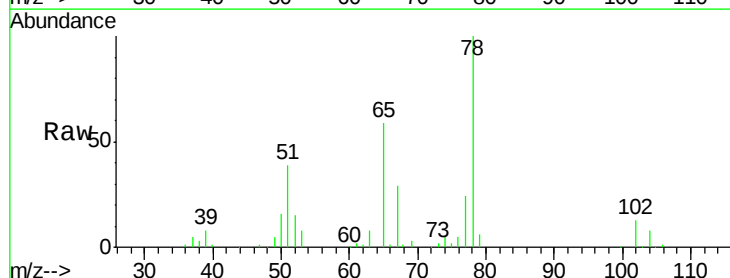


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

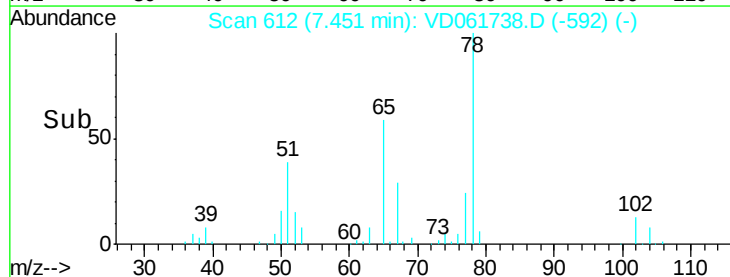
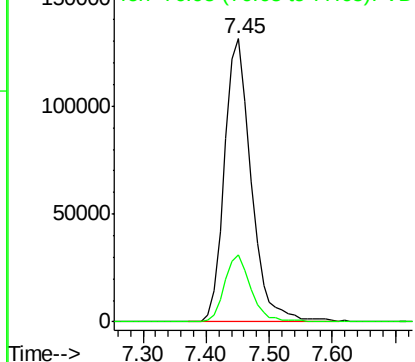


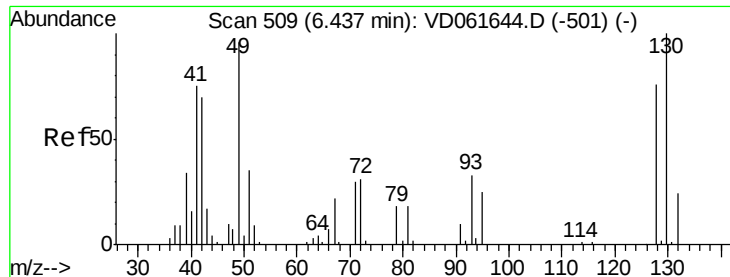
#40  
Benzene  
Concen: 18.228 ug/l  
RT: 7.45 min Scan# 612  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion: 78 Resp: 387868  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.5 29.3



Abundance Ion 77.95 (77.65 to 78.65): VDC  
Ion 76.95 (76.65 to 77.65): VDC

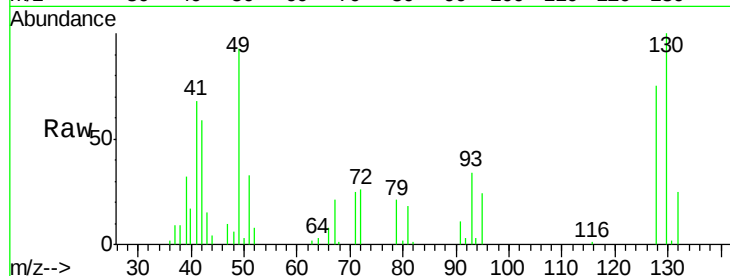




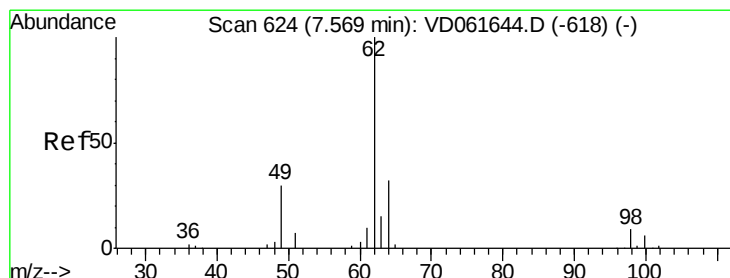
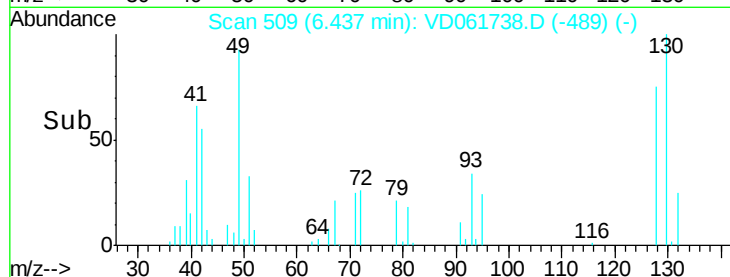
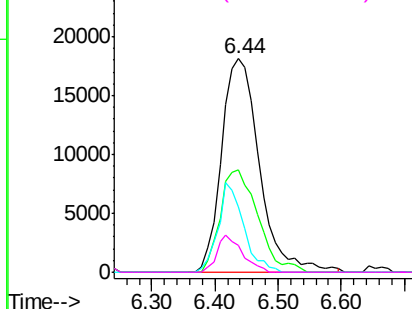
#41  
Methacrylonitrile  
Concen: 18.061 ug/l  
RT: 6.44 min Scan# 509  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 41 Resp: 75745  
Ion Ratio Lower Upper  
41 100  
39 47.9 36.2 54.2  
67 30.4 23.2 34.8  
52 12.5 10.0 15.0

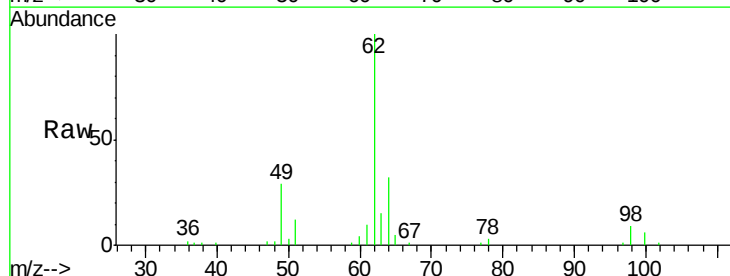


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

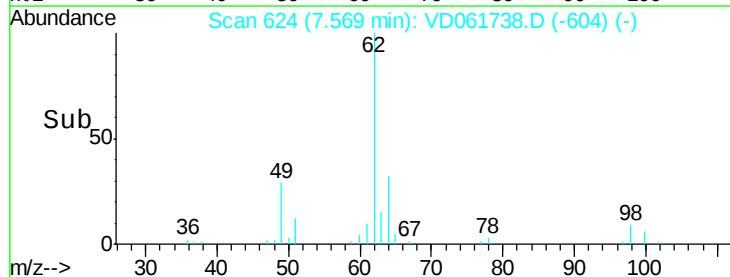
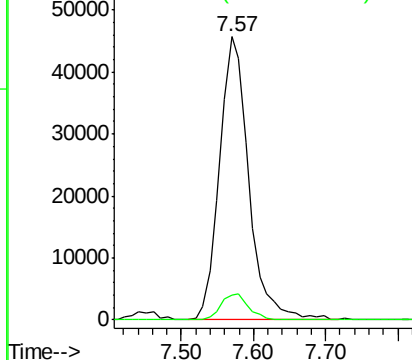


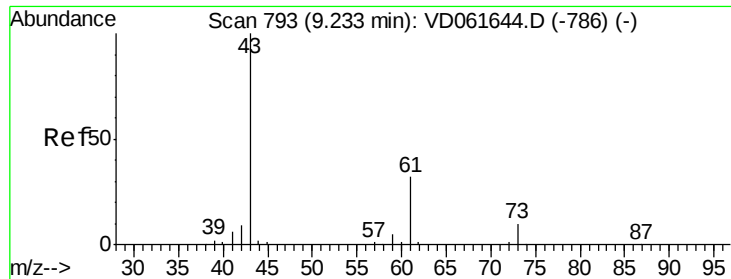
#42  
1,2-Dichloroethane  
Concen: 19.179 ug/l  
RT: 7.57 min Scan# 624  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion: 62 Resp: 128345  
Ion Ratio Lower Upper  
62 100  
98 8.8 0.0 17.8



Abundance Ion 61.95 (61.65 to 62.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



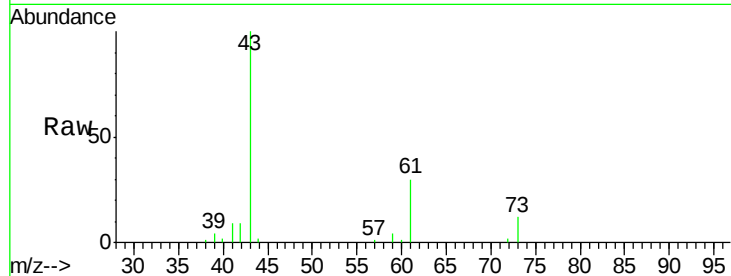


#43

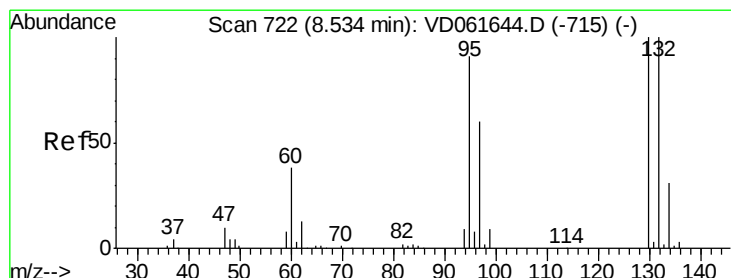
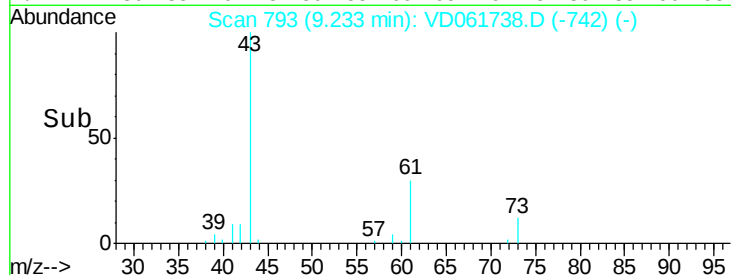
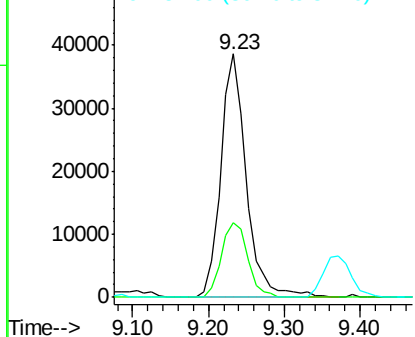
Isopropyl Acetate  
 Concen: 17.287 ug/l  
 RT: 9.23 min Scan# 793  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Instrument :  
 MSVOA\_D  
 ClientSampleID :

Tot Ion: 43 Resp: 90137  
 Ion Ratio Lower Upper  
 43 100  
 61 30.5 25.9 38.9  
 87 0.0 0.2 0.4#



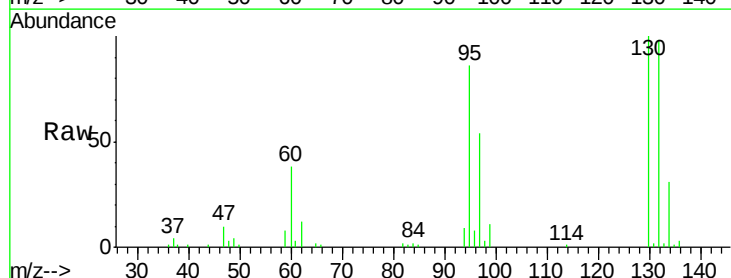
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



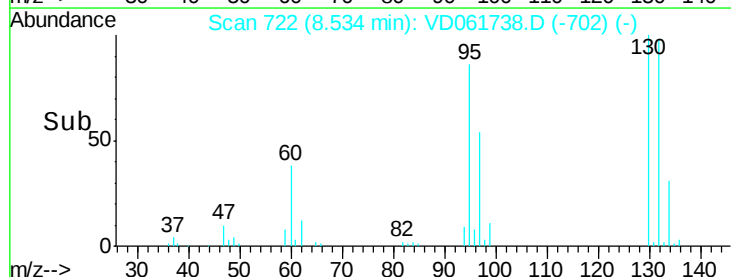
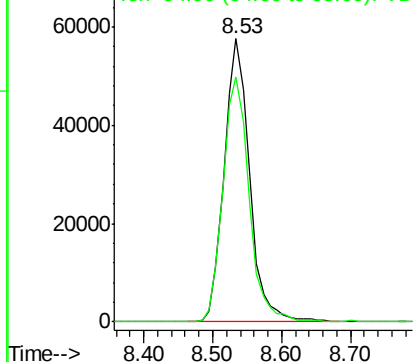
#44

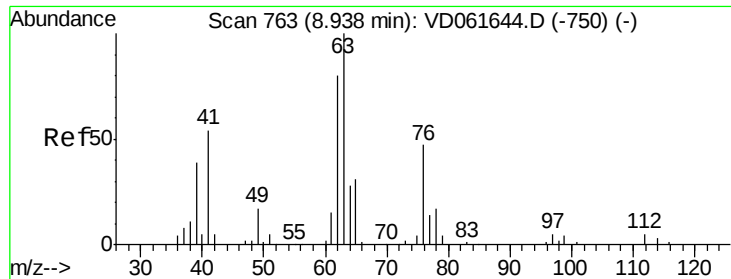
Trichloroethene  
 Concen: 18.078 ug/l  
 RT: 8.53 min Scan# 722  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Tgt Ion: 130 Resp: 147476  
 Ion Ratio Lower Upper  
 130 100  
 95 86.5 0.0 181.8



Abundance Ion 129.80 (129.50 to 130.50): VDC  
 Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 18.868 ug/l

RT: 8.93 min Scan# 762

Delta R.T. -0.01 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :

MSVOA\_D

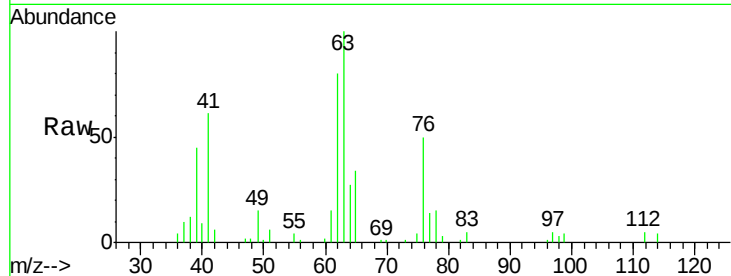
ClientSampleId :

Tot Ion: 63 Resp: 99569

Ion Ratio Lower Upper

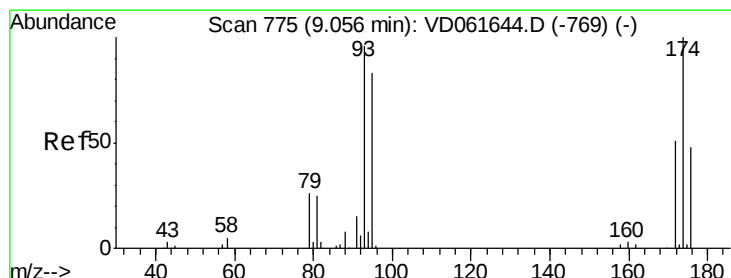
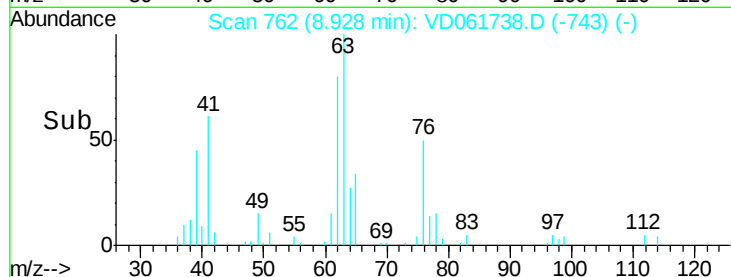
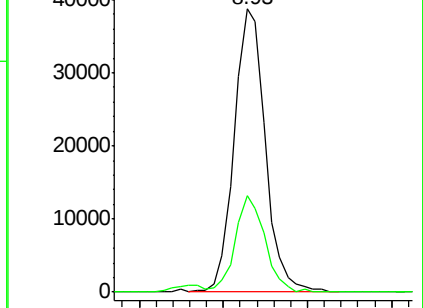
63 100

65 33.9 24.5 36.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 17.971 ug/l

RT: 9.06 min Scan# 775

Delta R.T. -0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

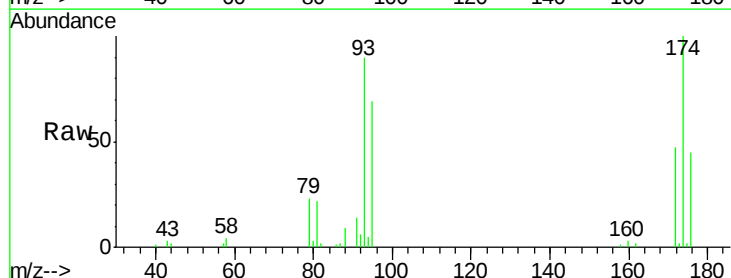
Tgt Ion: 93 Resp: 67779

Ion Ratio Lower Upper

93 100

95 76.4 68.6 103.0

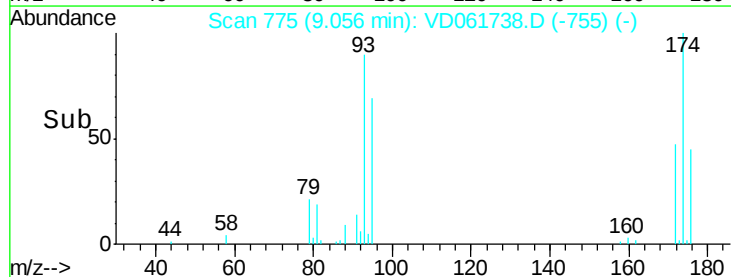
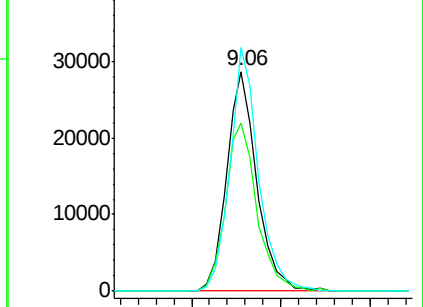
174 110.8 83.0 124.4

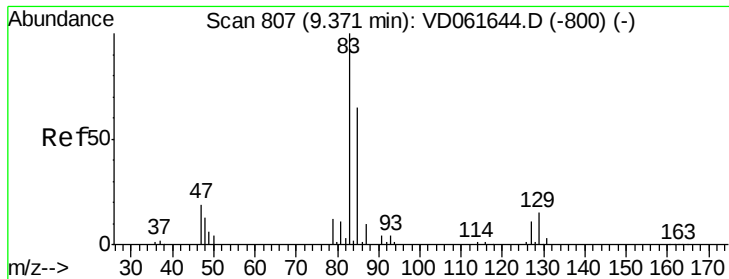


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 19.033 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :

MSVOA\_D

ClientSampleId :

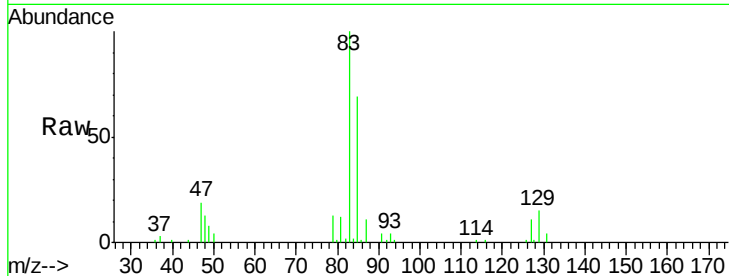
Tot Ion: 83 Resp: 157655

Ion Ratio Lower Upper

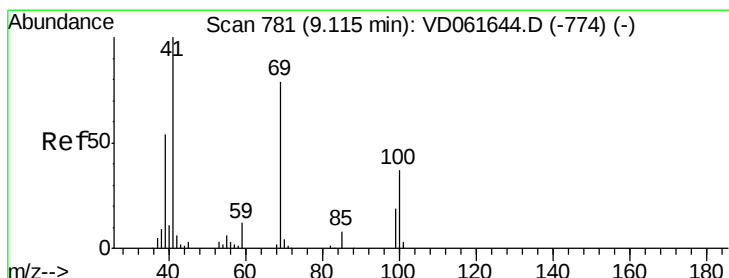
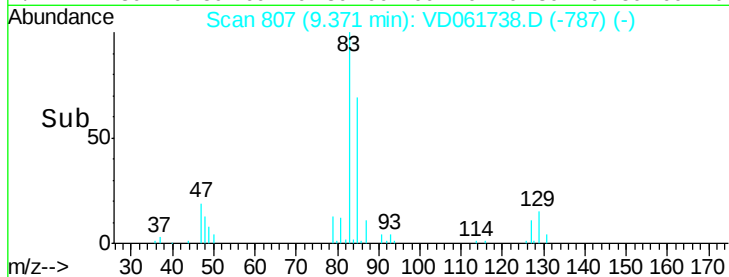
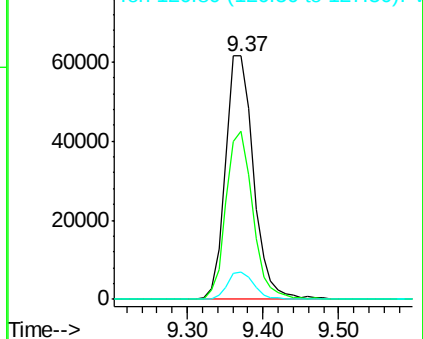
83 100

85 69.3 51.8 77.6

127 11.0 9.0 13.6



Abundance Ion 82.85 (82.55 to 83.55): VDC  
Ion 84.95 (84.65 to 85.65): VDC  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.116 ug/l

RT: 9.11 min Scan# 781

Delta R.T. -0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

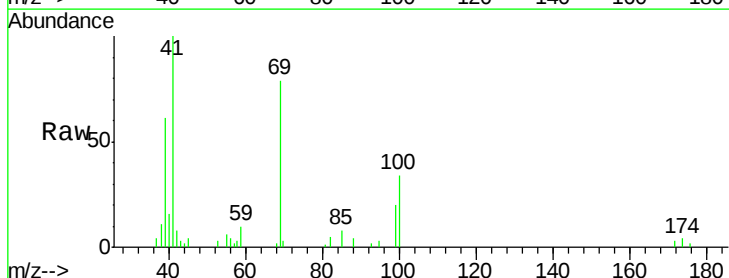
Tgt Ion: 41 Resp: 51441

Ion Ratio Lower Upper

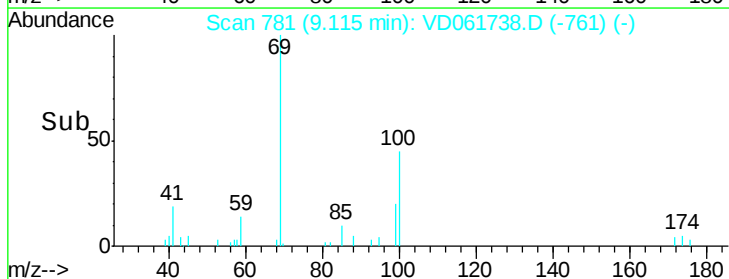
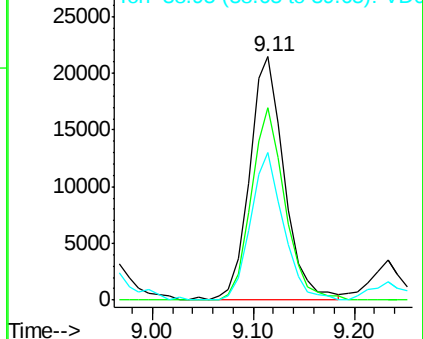
41 100

69 79.1 63.1 94.7

39 60.9 43.8 65.8



Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 38.95 (38.65 to 39.65): VDC

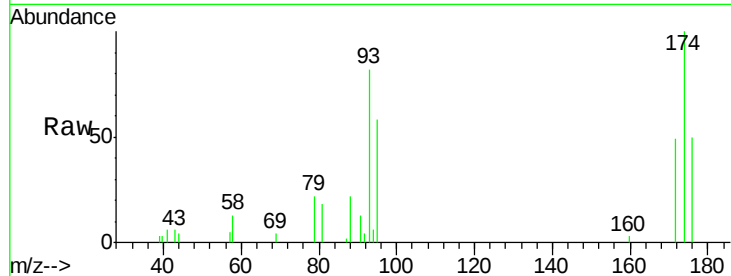




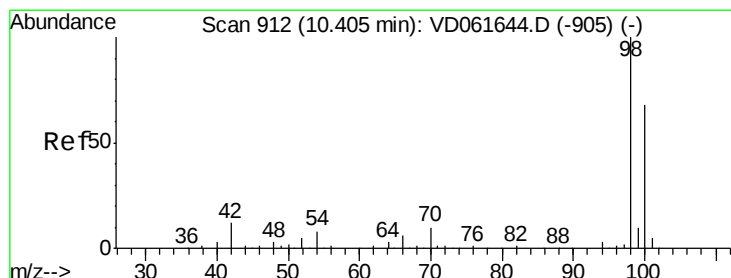
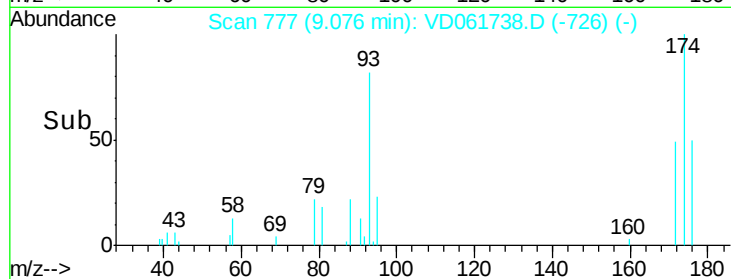
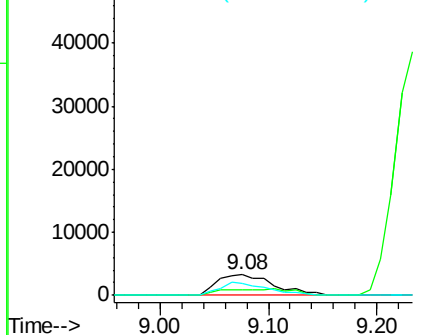
#49  
 1,4-Dioxane  
 Concen: 353.704 ug/l  
 RT: 9.08 min Scan# 777  
 Delta R.T. 0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Instrument :  
 MSVOA\_D  
 ClientSampled :

Tot Ion: 88 Resp: 11734  
 Ion Ratio Lower Upper  
 88 100  
 43 27.3 21.8 32.8  
 58 57.4 40.2 60.2

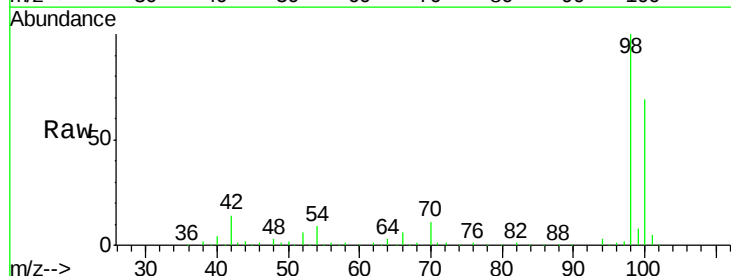


Abundance Ion 88.00 (87.70 to 88.70): VDC  
 Ion 43.05 (42.75 to 43.75): VDC  
 Ion 57.95 (57.65 to 58.65): VDC

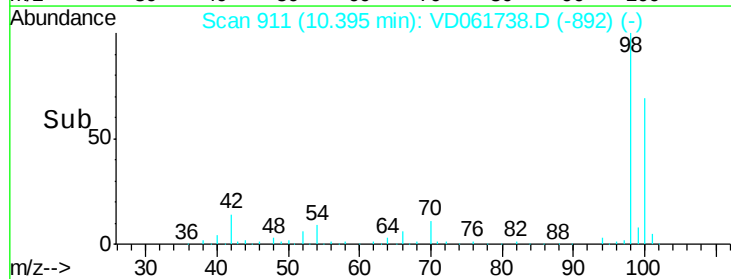
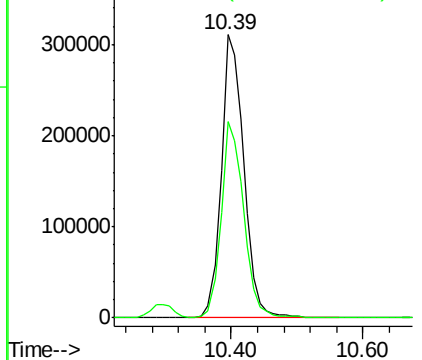


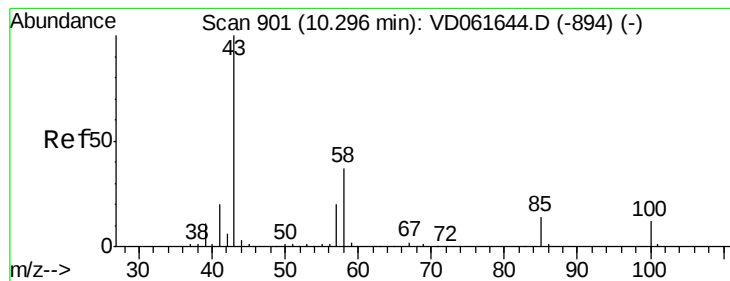
#50  
 Toluene-d8  
 Concen: 353.704 ug/l  
 RT: 10.39 min Scan# 911  
 Delta R.T. -0.01 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Tgt Ion: 98 Resp: 742079  
 Ion Ratio Lower Upper  
 98 100  
 100 69.5 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC  
 Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 94.436 ug/l

RT: 10.29 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :

MSVOA\_D

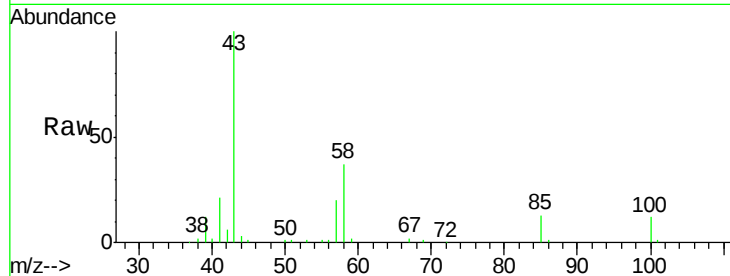
ClientSampled :

Tot Ion: 43 Resp: 291196

Ion Ratio Lower Upper

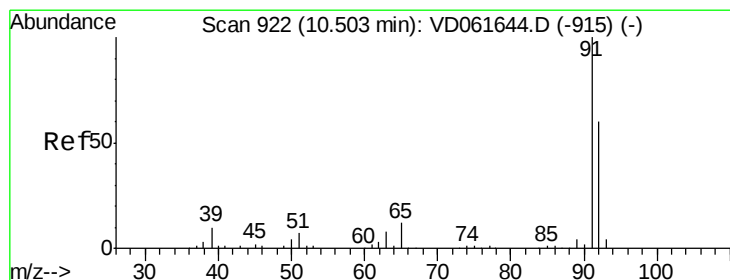
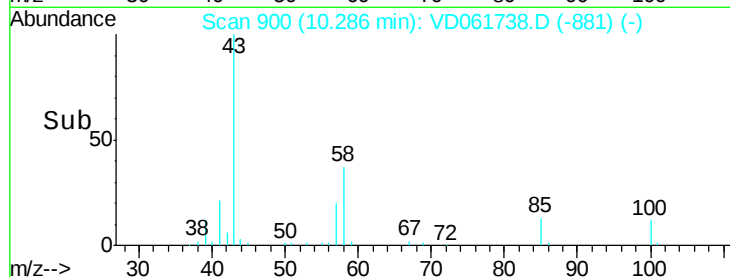
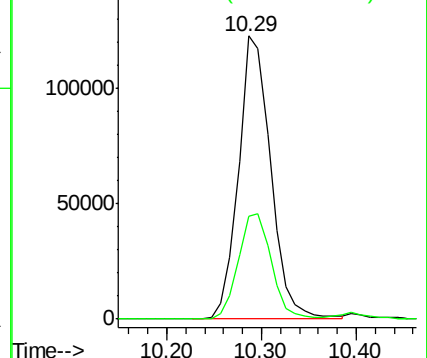
43 100

58 36.5 29.8 44.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 18.101 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: VD061738.D

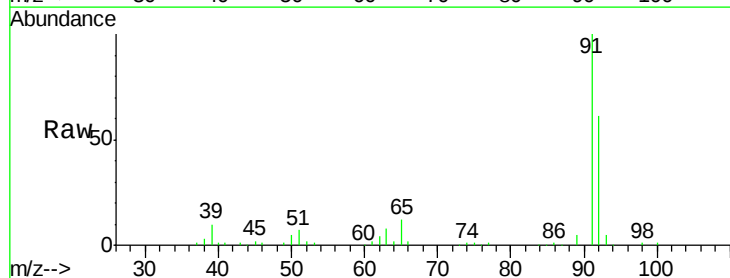
Acq: 11 Apr 2019 13:57

Tgt Ion: 92 Resp: 240514

Ion Ratio Lower Upper

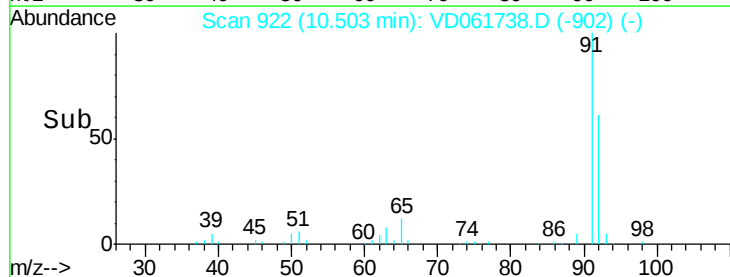
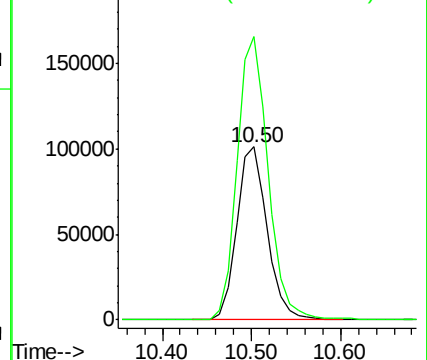
92 100

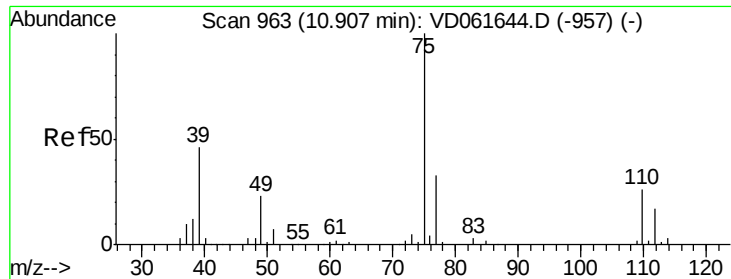
91 163.5 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

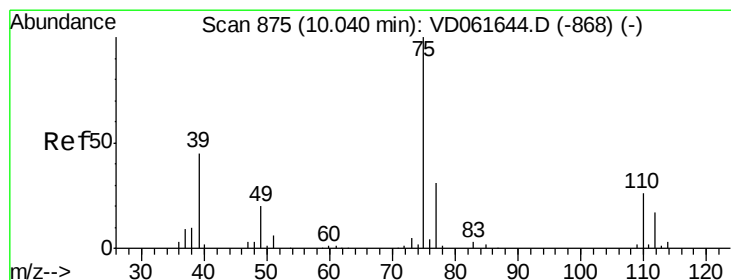
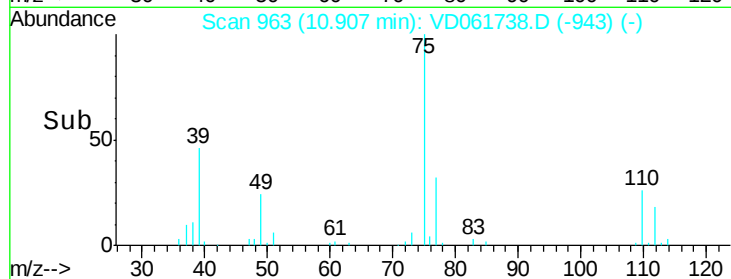
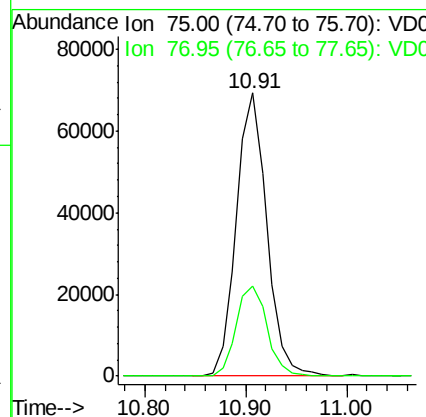
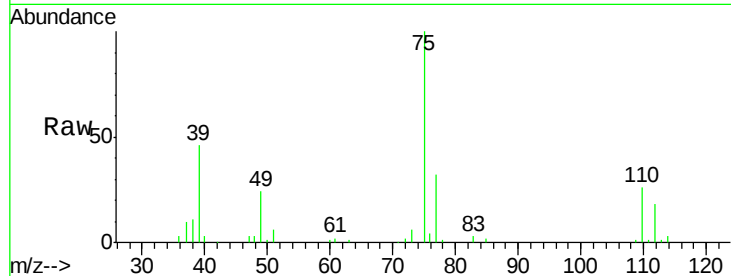




#53  
t-1,3-Dichloropropene  
Concen: 20.020 ug/l  
RT: 10.91 min Scan# 963  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

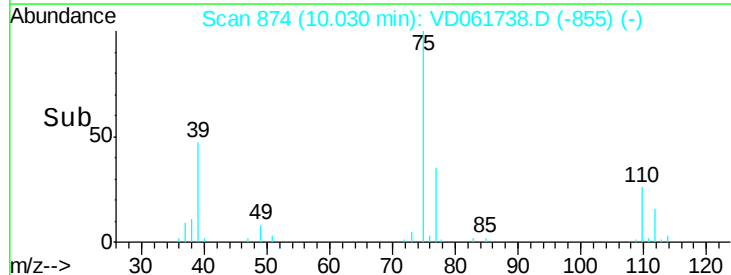
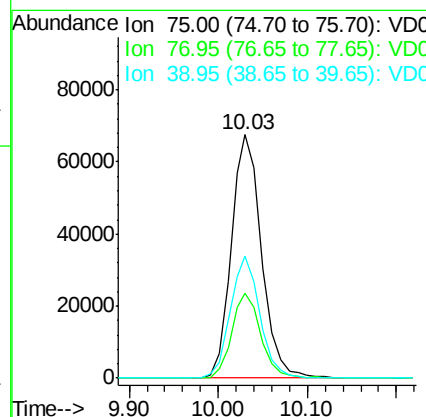
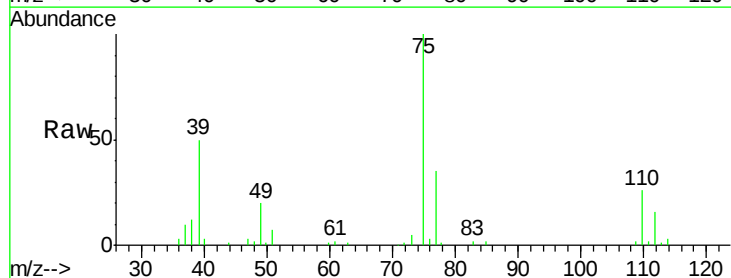
Instrument :  
MSVOA\_D  
ClientSampleId :

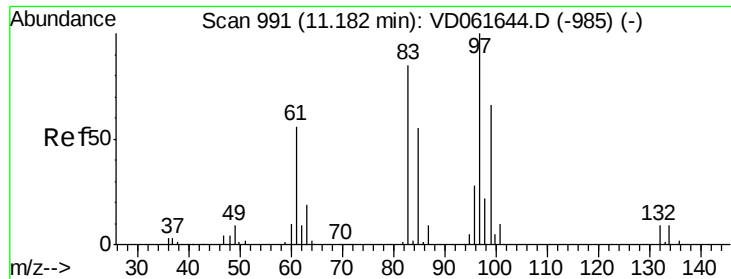
Tot Ion: 75 Resp: 145366  
Ion Ratio Lower Upper  
75 100  
77 32.0 26.2 39.2



#54  
cis-1,3-Dichloropropene  
Concen: 17.844 ug/l  
RT: 10.03 min Scan# 874  
Delta R.T. -0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion: 75 Resp: 159721  
Ion Ratio Lower Upper  
75 100  
77 34.8 24.6 37.0  
39 50.3 36.2 54.2

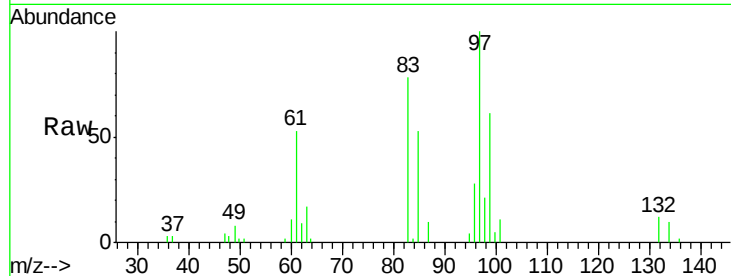




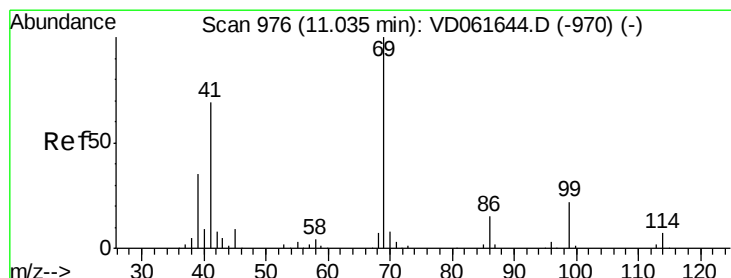
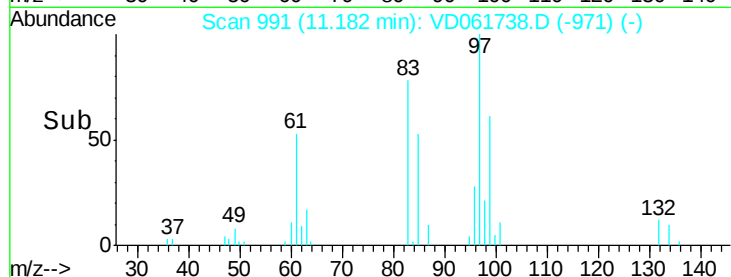
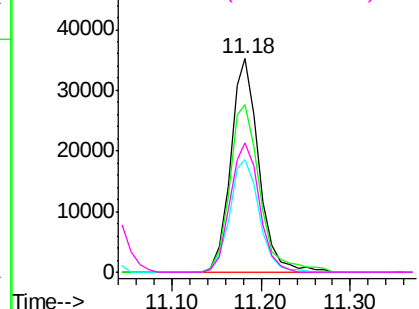
#55  
 1,1,2-Trichloroethane  
 Concen: 17.455 ug/l  
 RT: 11.18 min Scan# 991  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 97 Resp: 78223  
 Ion Ratio Lower Upper  
 97 100  
 83 78.3 67.8 101.6  
 85 52.6 43.8 65.8  
 99 60.7 52.8 79.2

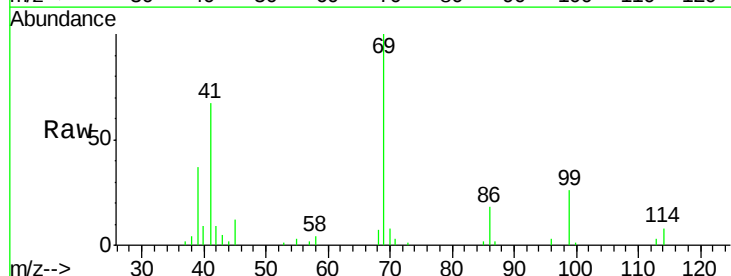


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

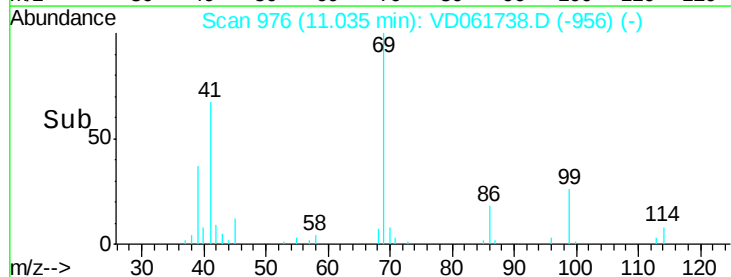
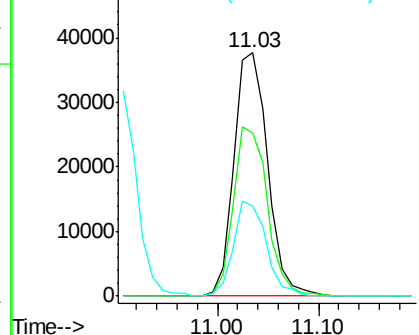


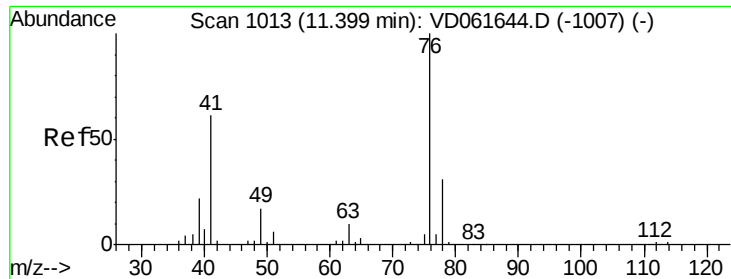
#56  
 Ethyl methacrylate  
 Concen: 18.487 ug/l  
 RT: 11.03 min Scan# 976  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Tgt Ion: 69 Resp: 87399  
 Ion Ratio Lower Upper  
 69 100  
 41 67.0 55.2 82.8  
 39 37.1 28.6 43.0



Abundance Ion 69.00 (68.70 to 69.70): VDC  
 Ion 41.05 (40.75 to 41.75): VDC  
 Ion 38.95 (38.65 to 39.65): VDC

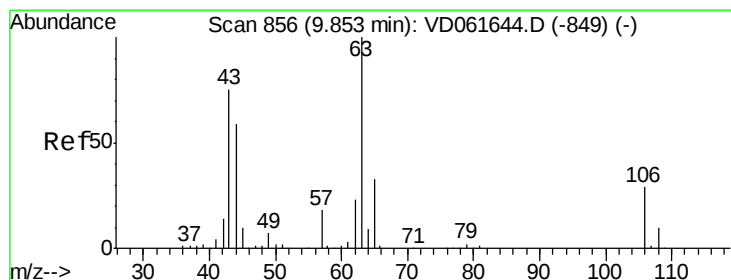
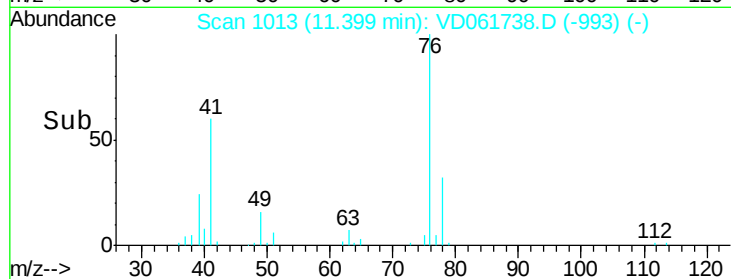
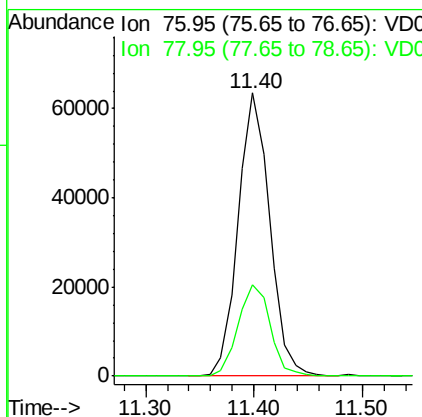
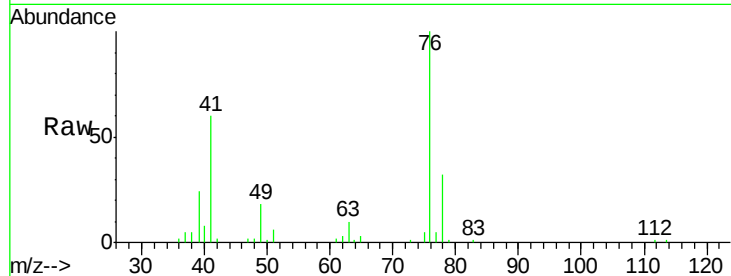




#57  
 1,3-Dichloropropane  
 Concen: 19.614 ug/l  
 RT: 11.40 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

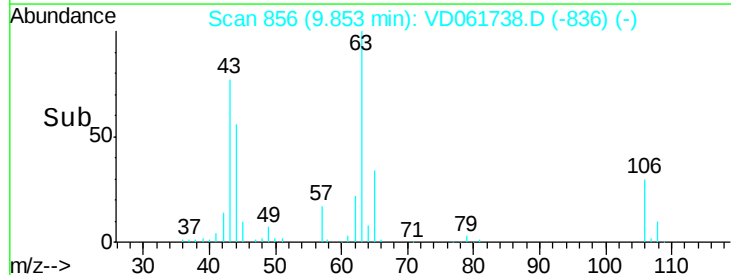
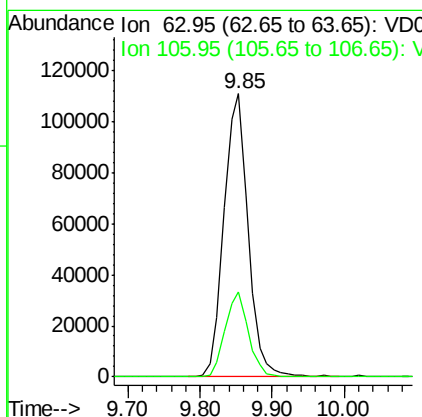
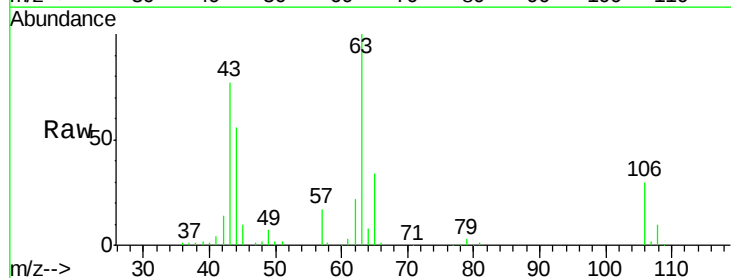
Instrument :  
 MSVOA\_D  
 ClientSampleId :

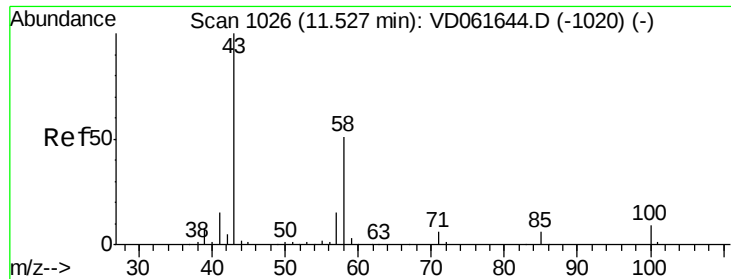
Tot Ion: 76 Resp: 128728  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 24.5 36.7



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 115.400 ug/l  
 RT: 9.85 min Scan# 856  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Tgt Ion: 63 Resp: 257424  
 Ion Ratio Lower Upper  
 63 100  
 106 29.8 23.0 34.6

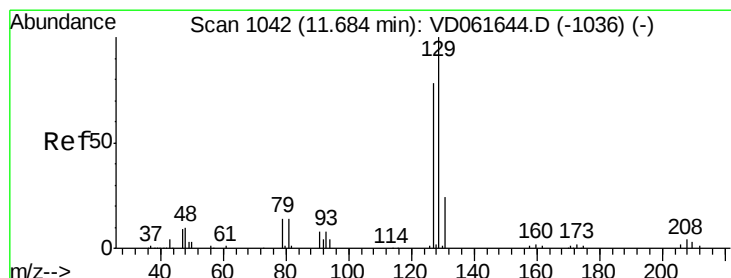
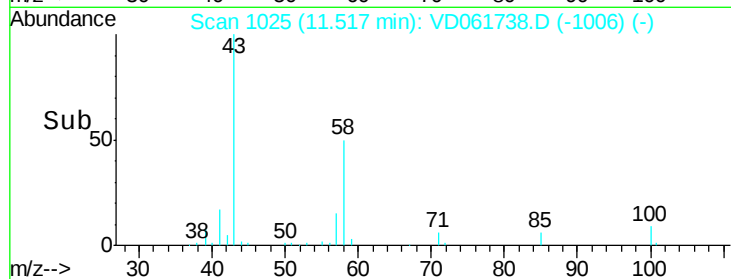
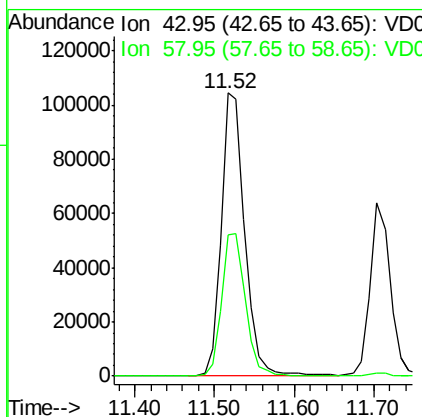
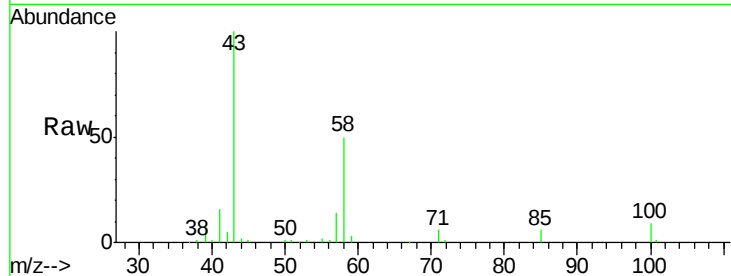




#59  
2-Hexanone  
Concen: 90.582 ug/l  
RT: 11.52 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

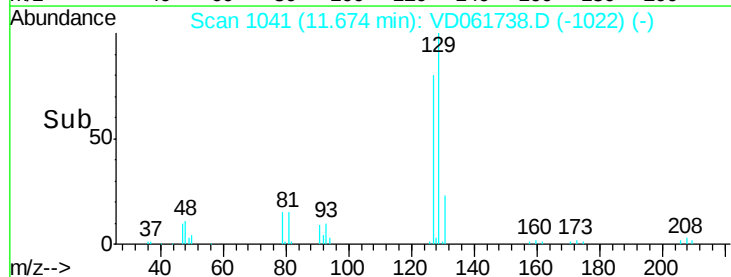
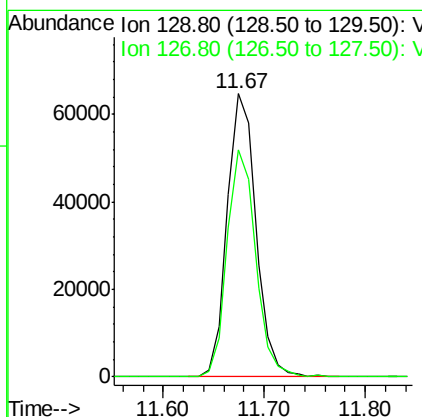
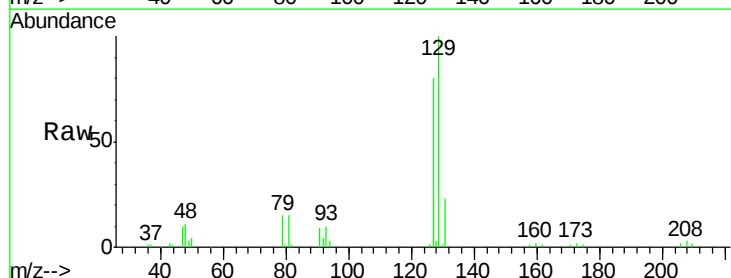
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 216768  
Ion Ratio Lower Upper  
43 100  
58 49.9 25.6 76.8



#60  
Dibromochloromethane  
Concen: 18.095 ug/l  
RT: 11.67 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion: 129 Resp: 128119  
Ion Ratio Lower Upper  
129 100  
127 80.1 38.8 116.4

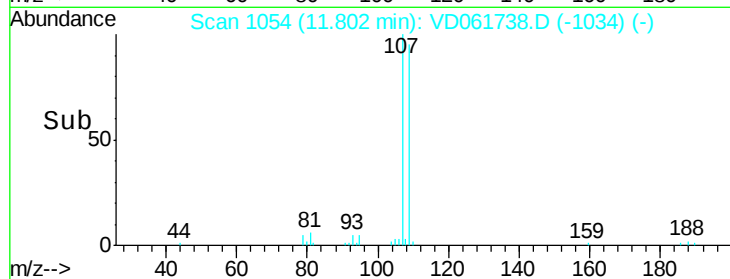
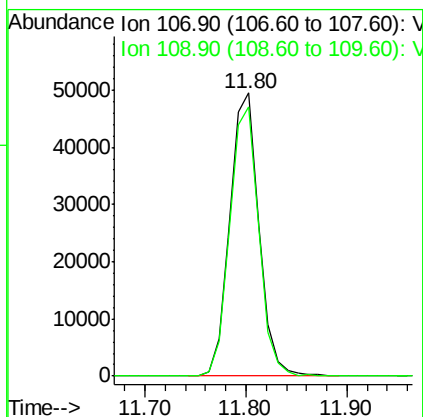
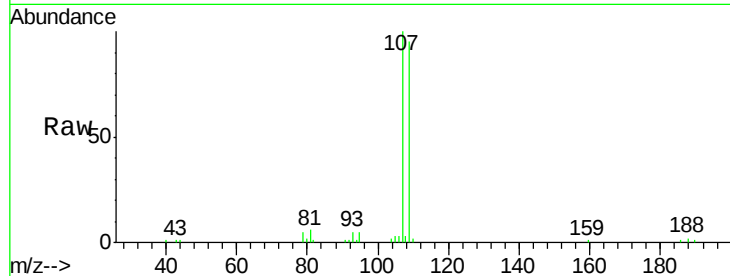




#61  
 1,2-Dibromoethane  
 Concen: 18.792 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

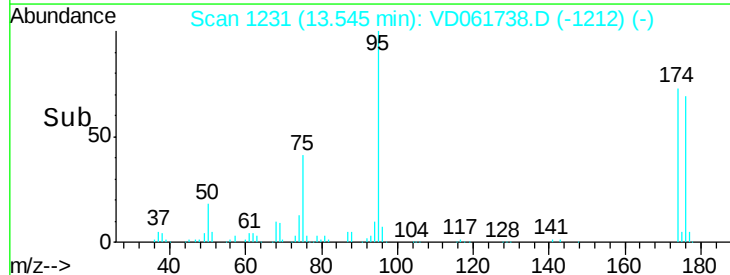
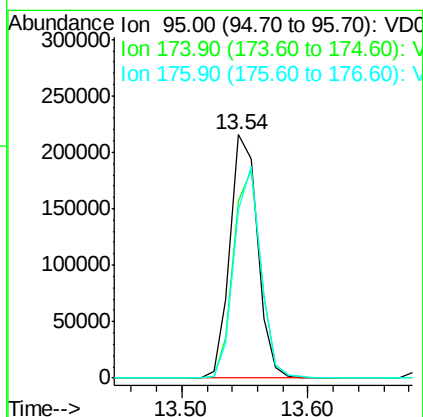
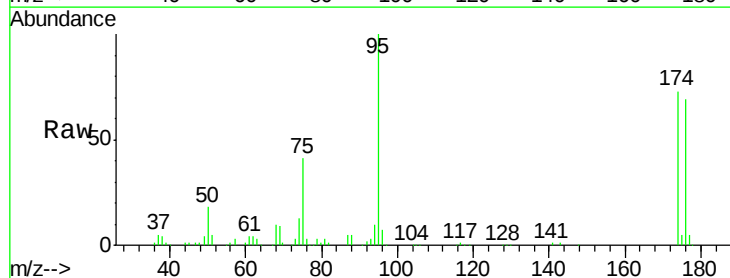
Instrument :  
 MSVOA\_D  
 ClientSampled :

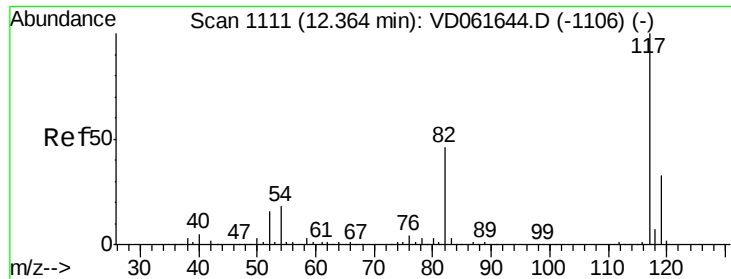
Tot Ion:107 Resp: 98487  
 Ion Ratio Lower Upper  
 107 100  
 109 95.3 79.2 118.8



#62  
 4-Bromofluorobenzene  
 Concen: 18.792 ug/l  
 RT: 13.54 min Scan# 1231  
 Delta R.T. -0.01 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Tgt Ion: 95 Resp: 325221  
 Ion Ratio Lower Upper  
 95 100  
 174 72.6 0.0 164.6  
 176 69.0 0.0 165.0

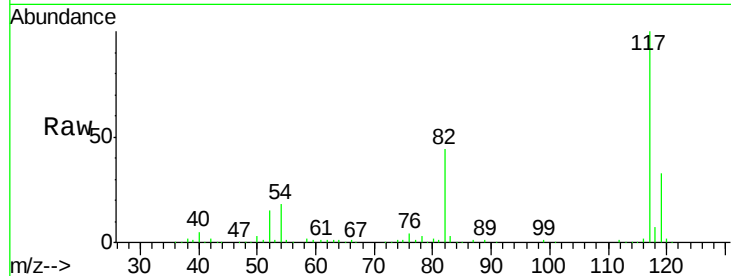




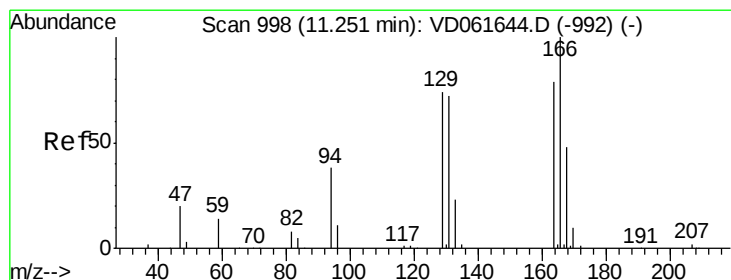
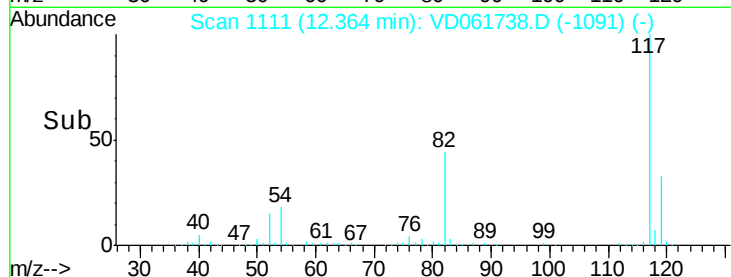
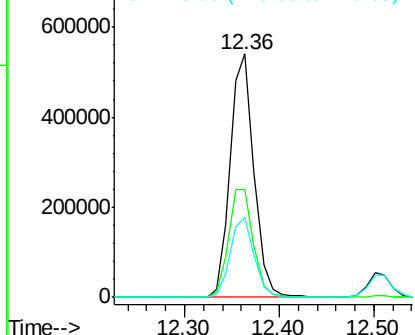
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:117 Resp: 940384  
Ion Ratio Lower Upper  
117 100  
82 44.1 36.8 55.2  
119 32.5 26.1 39.1

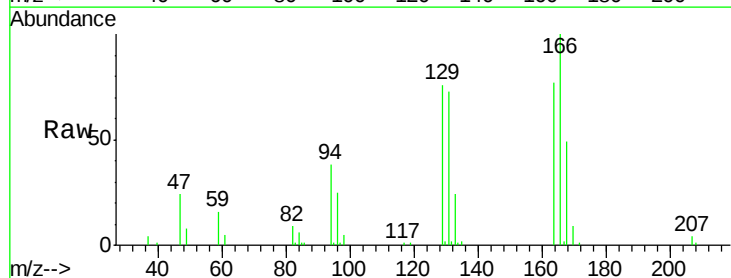


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

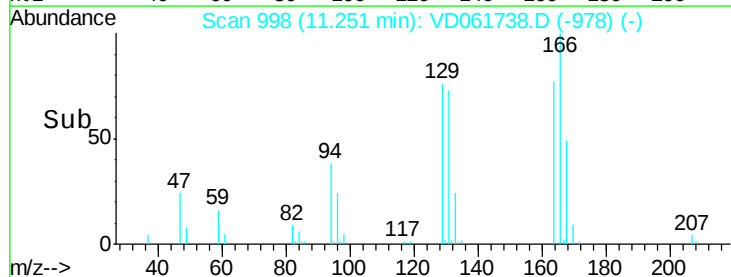
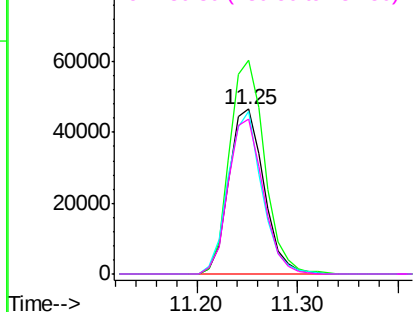


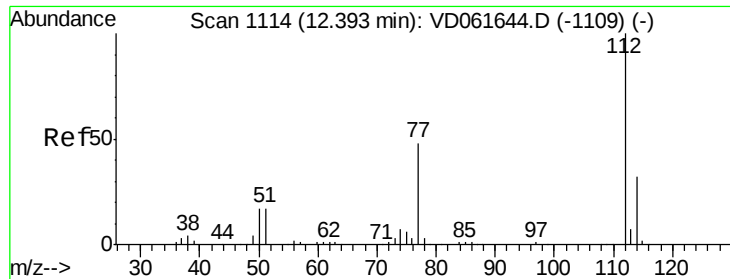
#64  
Tetrachloroethene  
Concen: 15.377 ug/l  
RT: 11.25 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion:164 Resp: 112243  
Ion Ratio Lower Upper  
164 100  
166 129.6 101.8 152.8  
129 98.4 75.4 113.0  
131 94.2 73.6 110.4



Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.85 (165.55 to 166.55): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

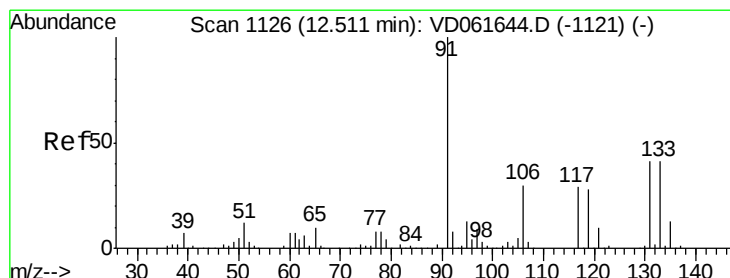
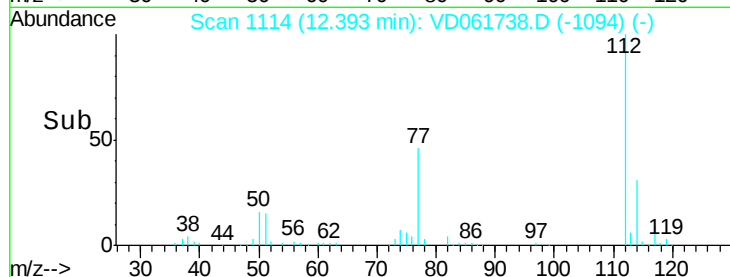
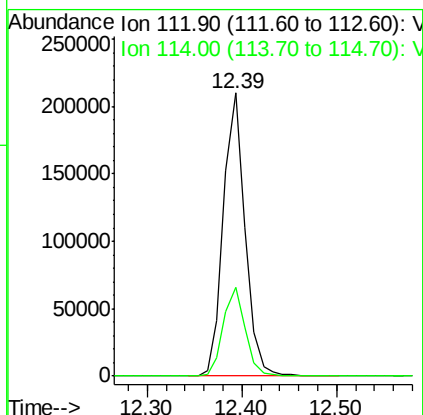
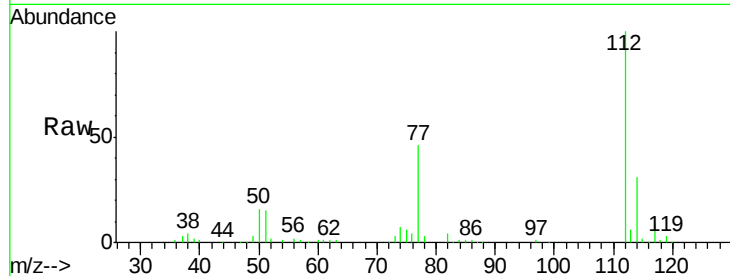




#65  
Chlorobenzene  
Concen: 17.864 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

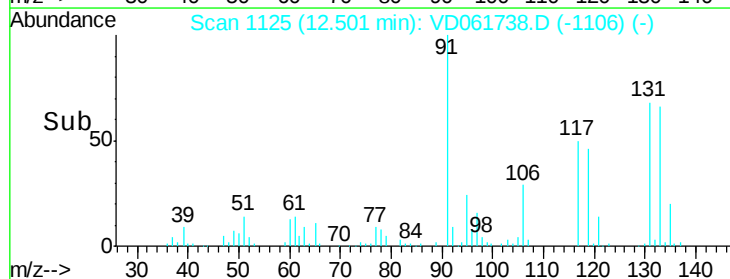
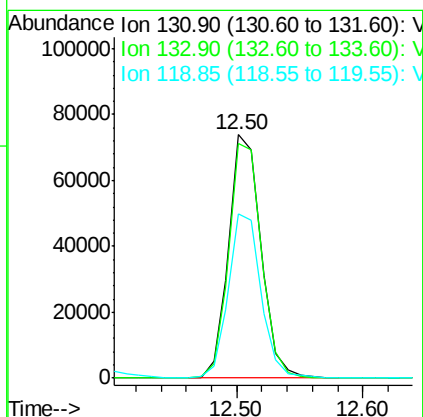
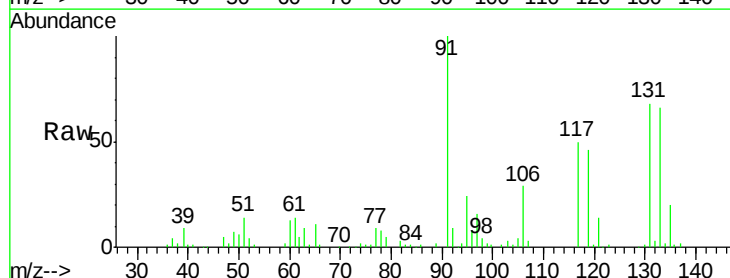
Instrument :  
MSVOA\_D  
ClientSampled :

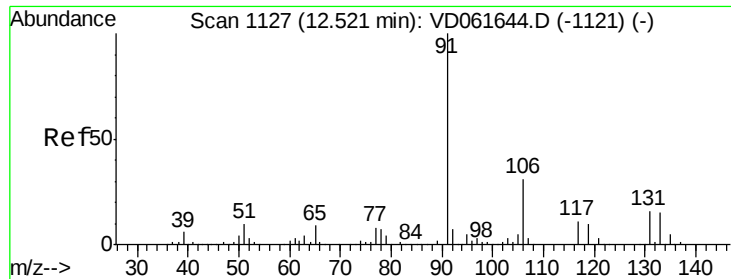
Tot Ion:112 Resp: 333137  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.166 ug/l  
RT: 12.50 min Scan# 1125  
Delta R.T. -0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion:131 Resp: 130361  
Ion Ratio Lower Upper  
131 100  
133 96.4 49.5 148.3  
119 67.6 34.7 104.1

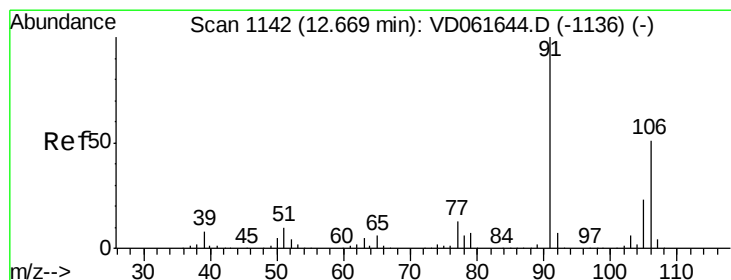
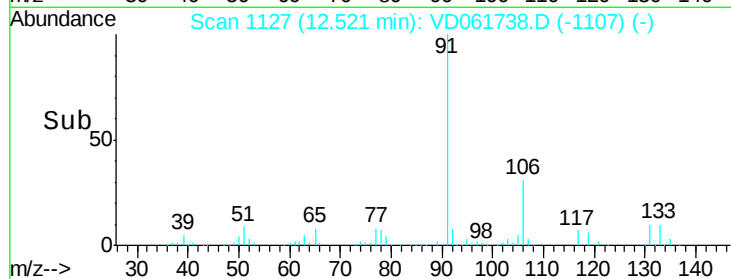
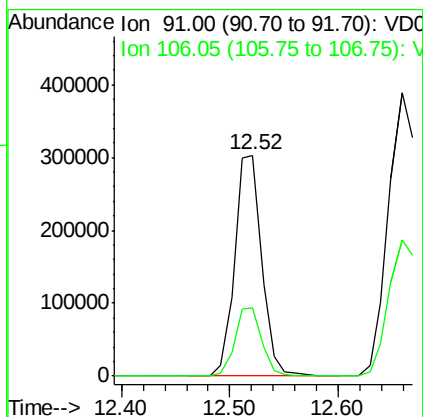
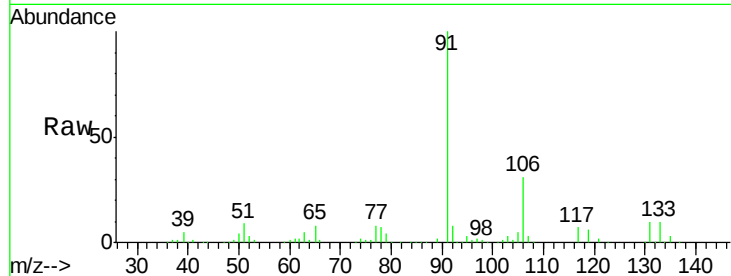




#67  
Ethyl Benzene  
Concen: 18.532 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

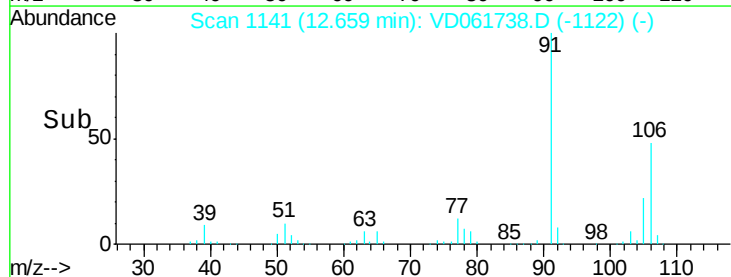
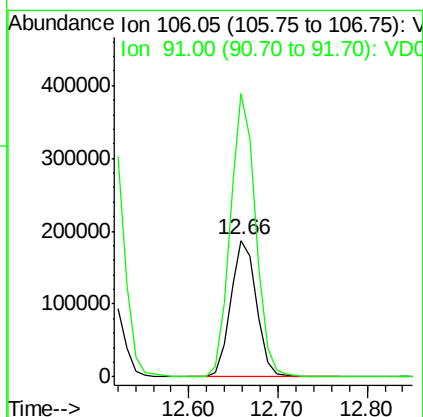
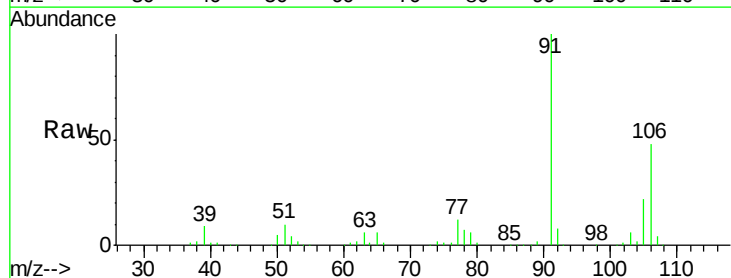
Instrument :  
MSVOA\_D  
ClientSampleId :

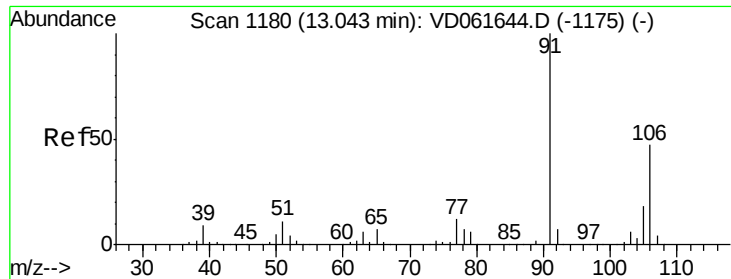
Tot Ion: 91 Resp: 526268  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.6 37.0



#68  
m/p-Xylenes  
Concen: 34.600 ug/l  
RT: 12.66 min Scan# 1141  
Delta R.T. -0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion: 106 Resp: 378807  
Ion Ratio Lower Upper  
106 100  
91 207.2 156.7 235.1

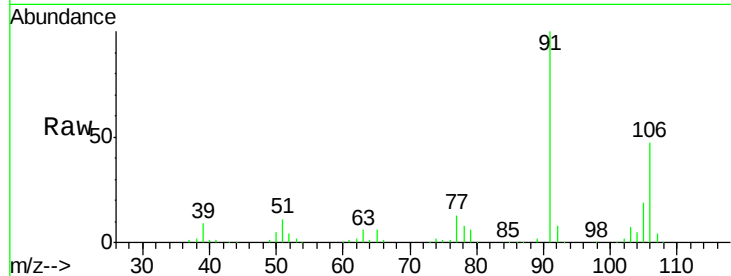




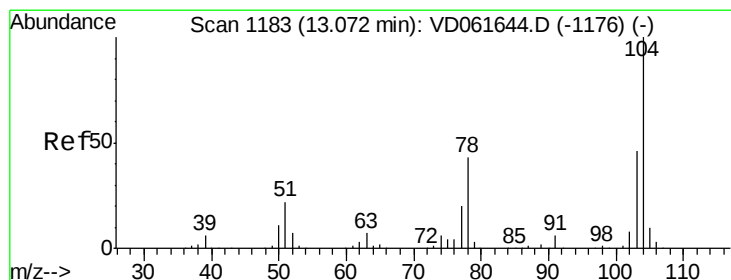
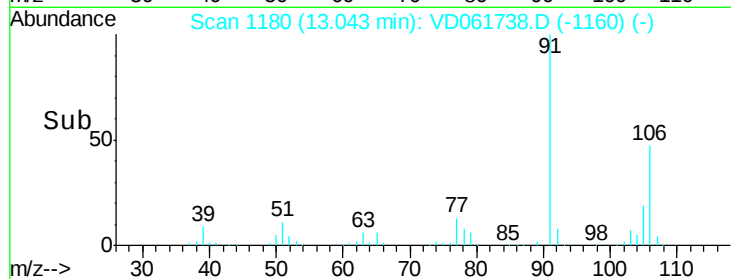
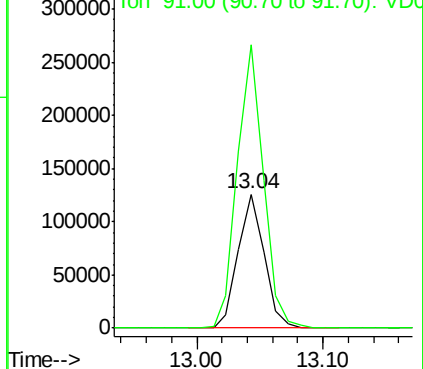
#69  
o-Xylene  
Concen: 17.040 ug/l  
RT: 13.04 min Scan# 1180  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:106 Resp: 180084  
Ion Ratio Lower Upper  
106 100  
91 211.6 107.3 321.9

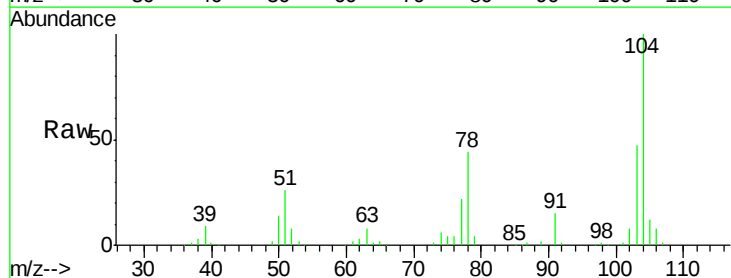


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

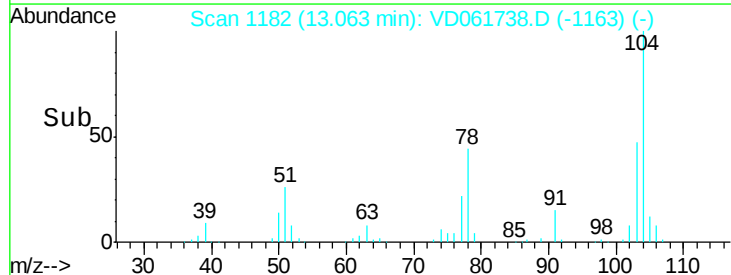
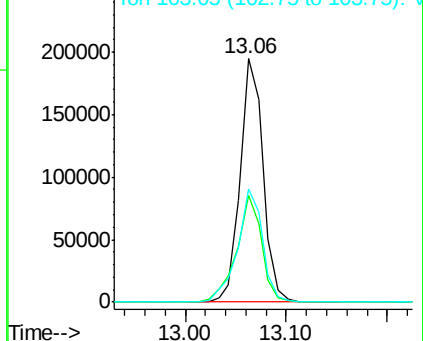


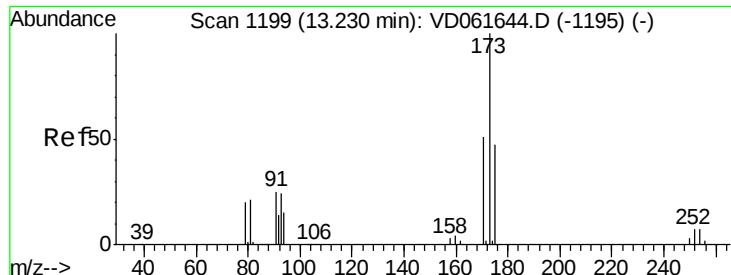
#70  
Styrene  
Concen: 17.016 ug/l  
RT: 13.06 min Scan# 1182  
Delta R.T. -0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion:104 Resp: 307117  
Ion Ratio Lower Upper  
104 100  
78 43.9 34.2 51.4  
103 46.6 37.2 55.8



Abundance Ion 104.05 (103.75 to 104.75): V  
Ion 77.95 (77.65 to 78.65): V  
Ion 103.05 (102.75 to 103.75): V

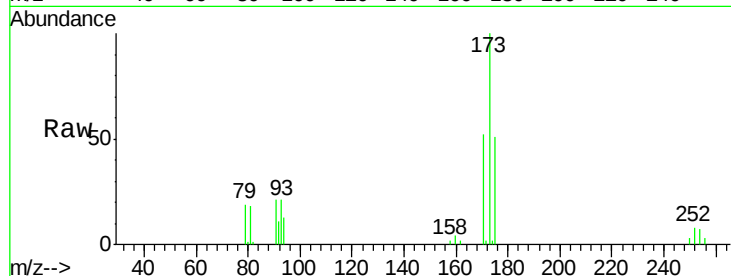




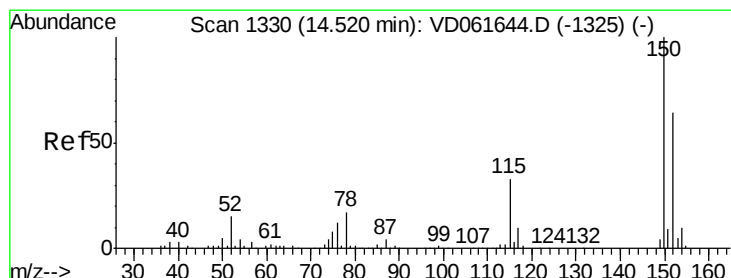
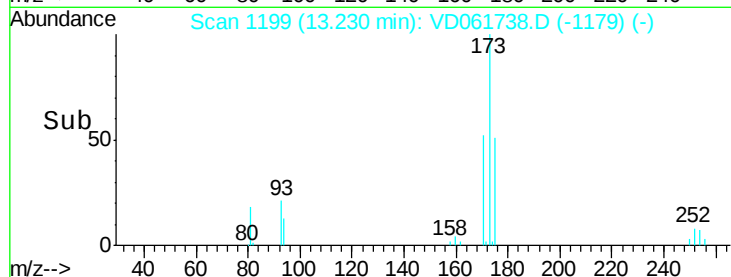
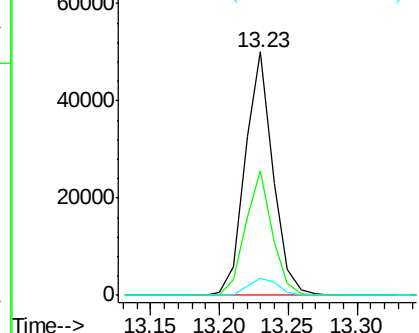
#71  
Bromoform  
Concen: 15.816 ug/l  
RT: 13.23 min Scan# 1199  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:173 Resp: 70423  
Ion Ratio Lower Upper  
173 100  
175 51.0 23.7 71.1  
254 7.0 5.8 8.6

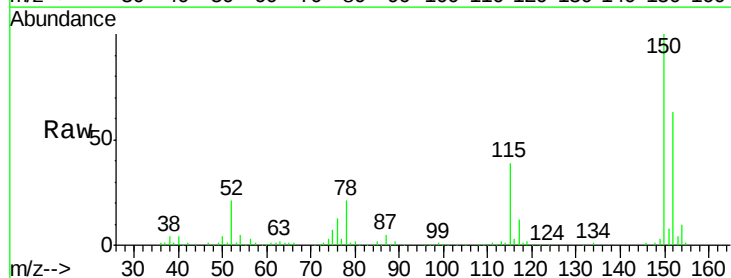


Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V

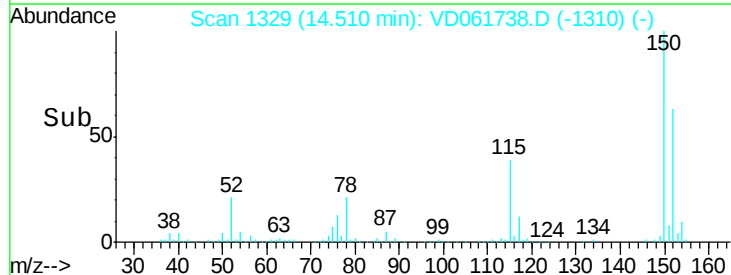
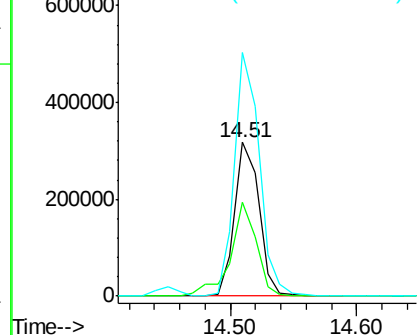


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.51 min Scan# 1329  
Delta R.T. -0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion:152 Resp: 422814  
Ion Ratio Lower Upper  
152 100  
115 61.3 26.4 79.2  
150 158.5 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 149.90 (149.60 to 150.60): V

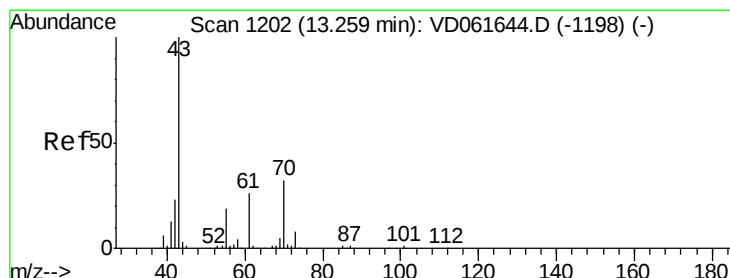
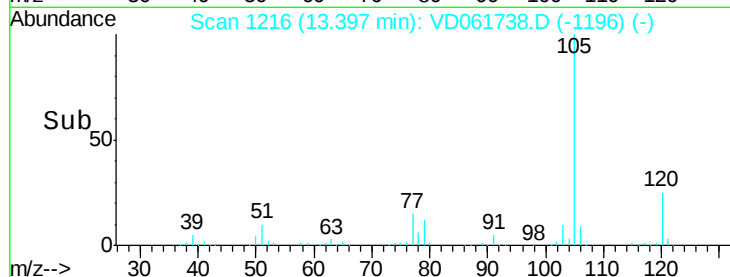
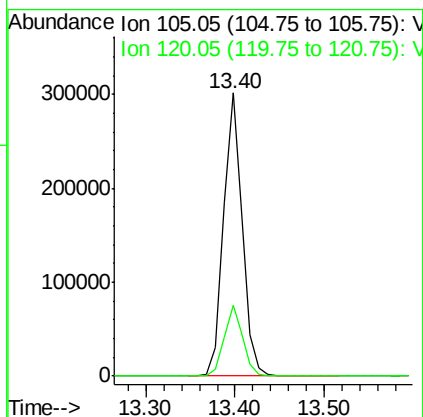
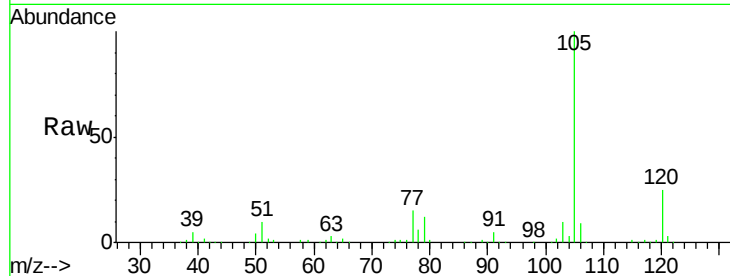




#73  
Isopropylbenzene  
Concen: 15.936 ug/l  
RT: 13.40 min Scan# 1216  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

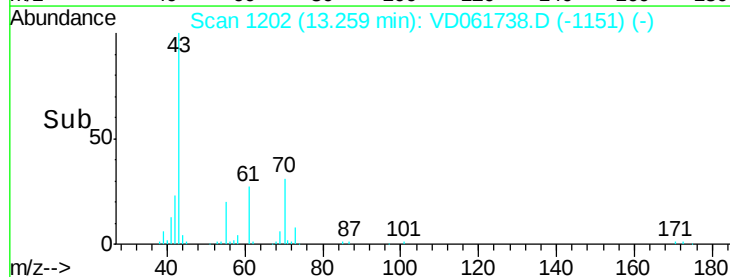
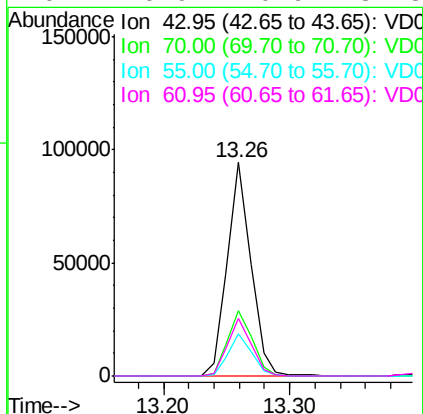
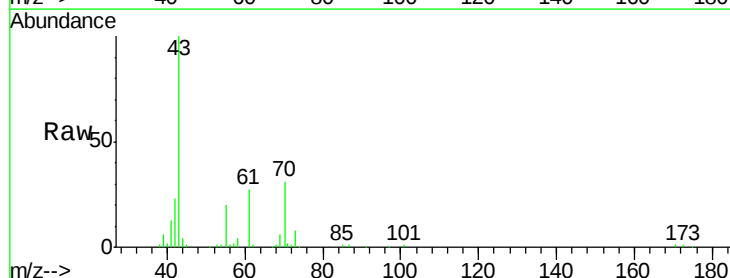
Instrument :  
MSVOA\_D  
ClientSampleId :

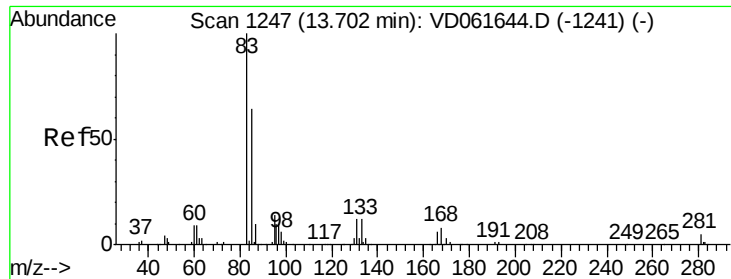
Tot Ion:105 Resp: 448961  
Ion Ratio Lower Upper  
105 100  
120 25.2 12.2 36.4



#74  
N-ethyl acetate  
Concen: 16.013 ug/l  
RT: 13.26 min Scan# 1202  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion: 43 Resp: 122574  
Ion Ratio Lower Upper  
43 100  
70 30.7 25.4 38.2  
55 19.7 15.0 22.4  
61 26.9 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 16.331 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD061738.D

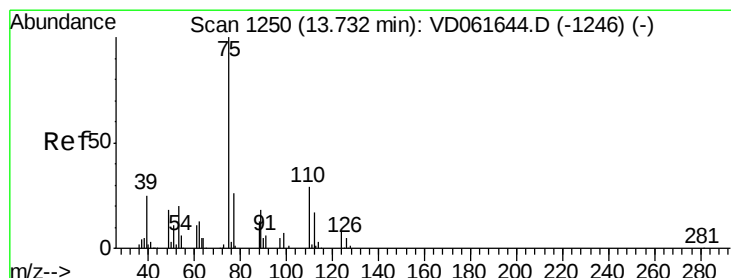
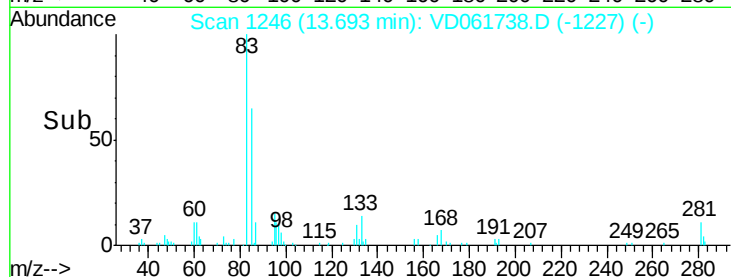
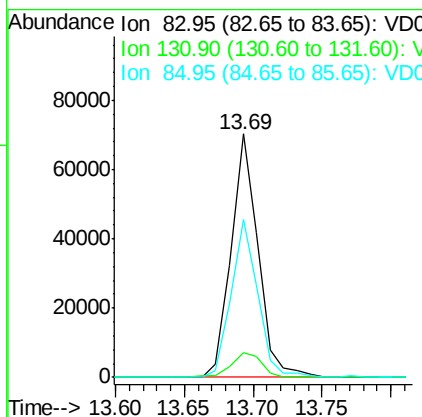
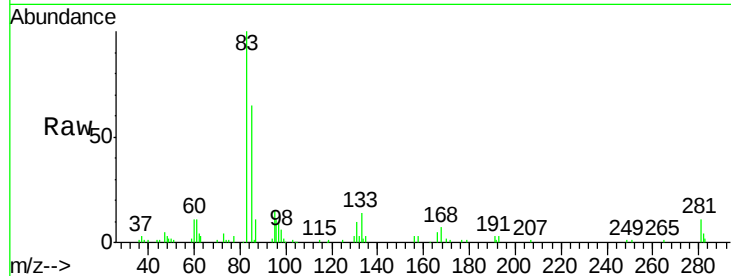
Acq: 11 Apr 2019 13:57

Instrument :

MSVOA\_D

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 95131 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 9.9   | 5.9   | 17.6  |
| 85       | 64.7  | 32.0  | 96.2  |



#76

1,2,3-Trichloropropane

Concen: 16.172 ug/l

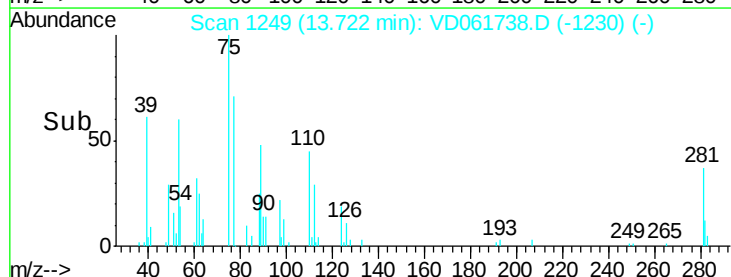
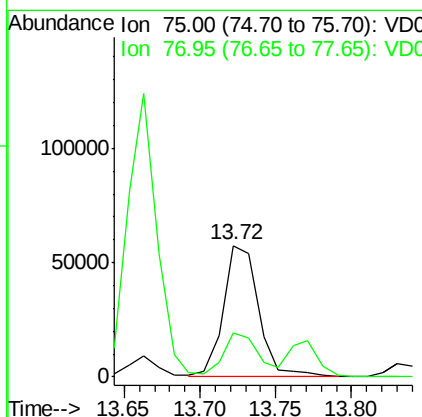
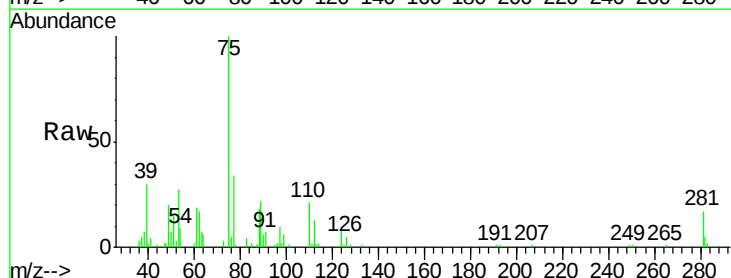
RT: 13.72 min Scan# 1249

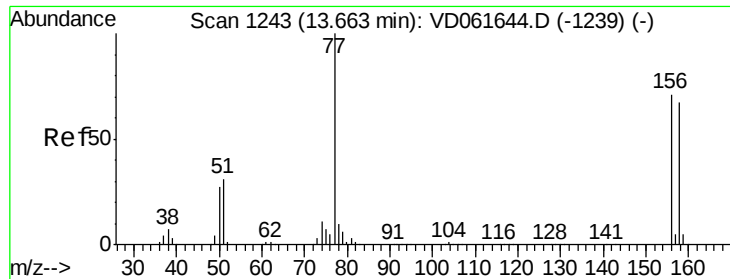
Delta R.T. -0.01 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 93026 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 33.6  | 15.7  | 47.1  |





#77

Bromobenzene

Concen: 16.877 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :

MSVOA\_D

ClientSampleId :

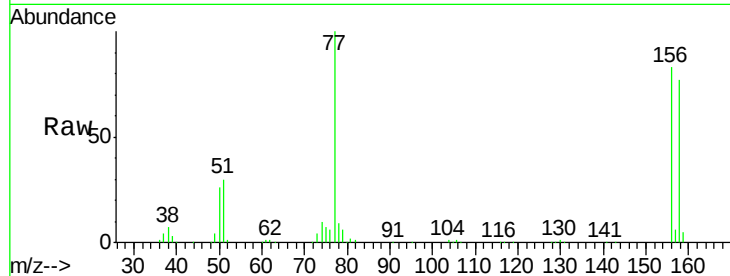
Tot Ion:156 Resp: 138012

Ion Ratio Lower Upper

156 100

77 121.1 70.3 210.8

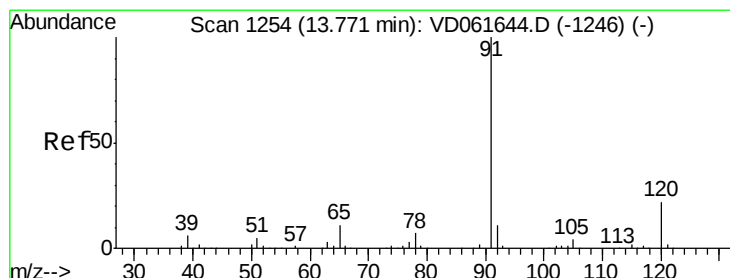
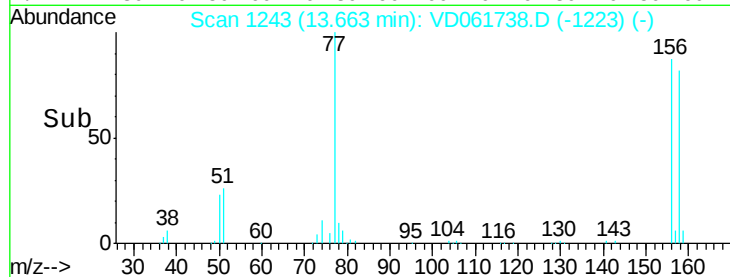
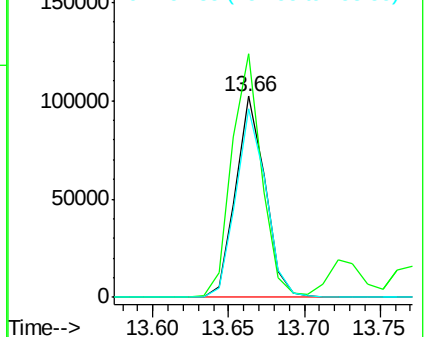
158 93.8 47.4 142.2



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 17.804 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD061738.D

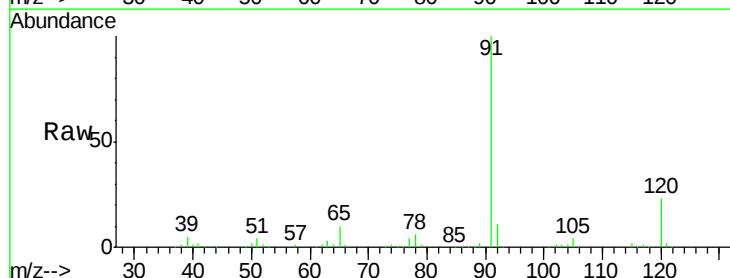
Acq: 11 Apr 2019 13:57

Tgt Ion: 91 Resp: 599983

Ion Ratio Lower Upper

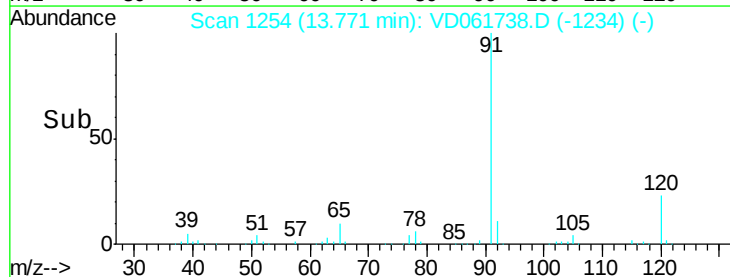
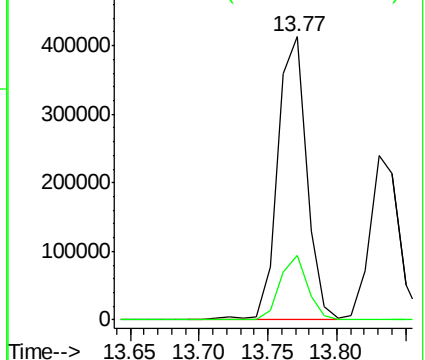
91 100

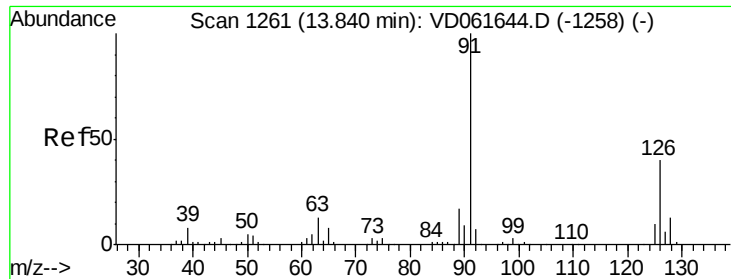
120 22.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

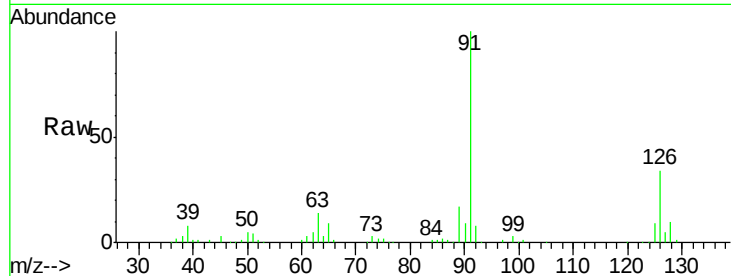




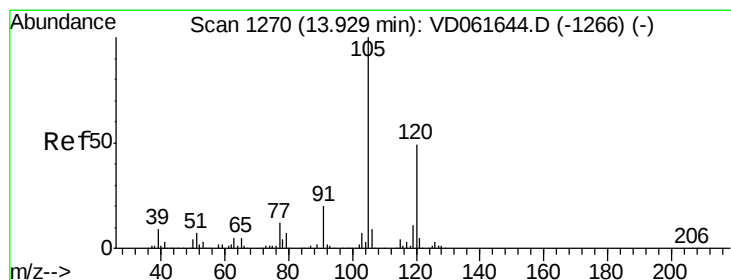
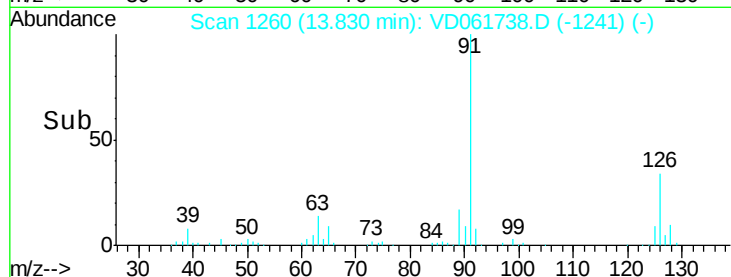
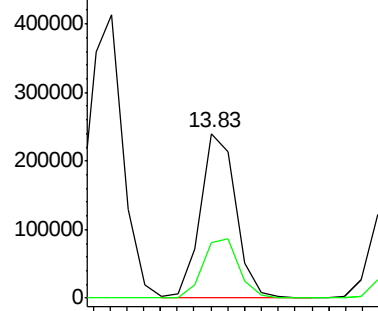
#79  
 2-Chlorotoluene  
 Concen: 18.142 ug/l  
 RT: 13.83 min Scan# 1260  
 Delta R.T. -0.01 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 91 Resp: 349626  
 Ion Ratio Lower Upper  
 91 100  
 126 34.0 20.0 59.9

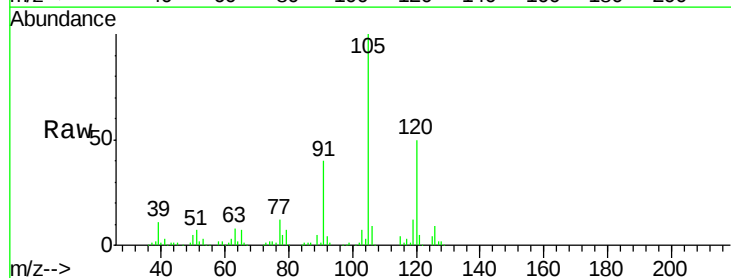


Abundance Ion 91.00 (90.70 to 91.70): VD061644.D (-1258) (-)  
 Ion 125.95 (125.65 to 126.65): VD061644.D (-1258) (-)

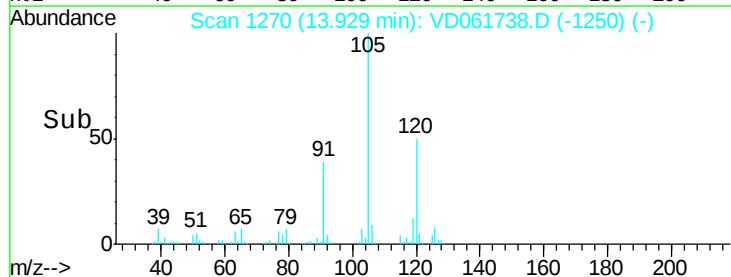
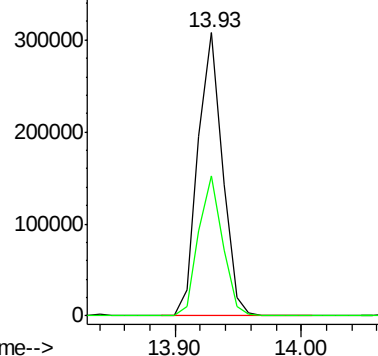


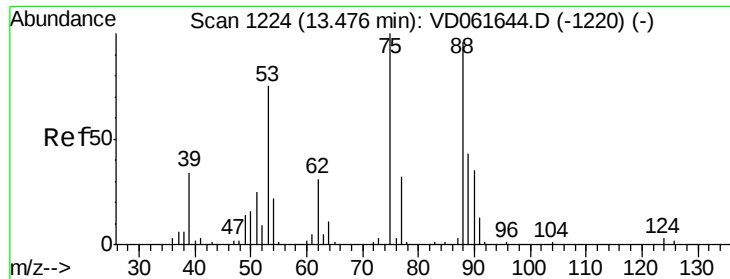
#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.445 ug/l  
 RT: 13.93 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Tgt Ion: 105 Resp: 412456  
 Ion Ratio Lower Upper  
 105 100  
 120 49.6 24.4 73.2



Abundance Ion 105.05 (104.75 to 105.75): VD061644.D (-1266) (-)  
 Ion 120.05 (119.75 to 120.75): VD061644.D (-1266) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.903 ug/l

RT: 13.47 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

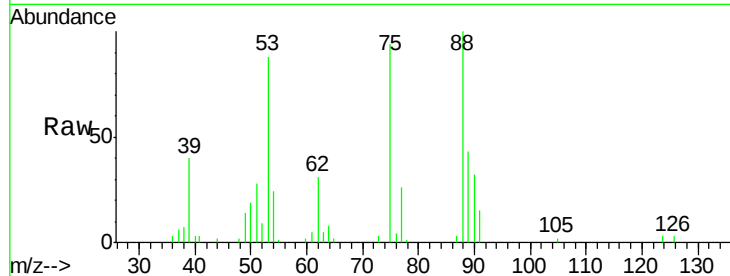
Instrument :

MSVOA\_D

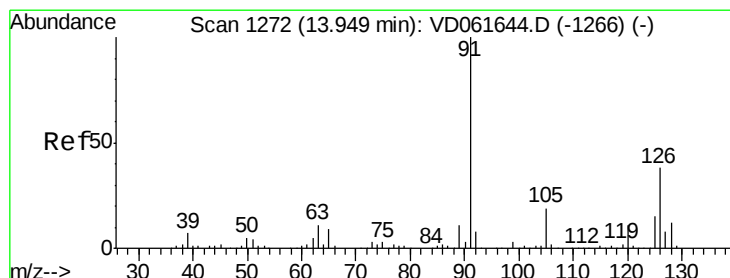
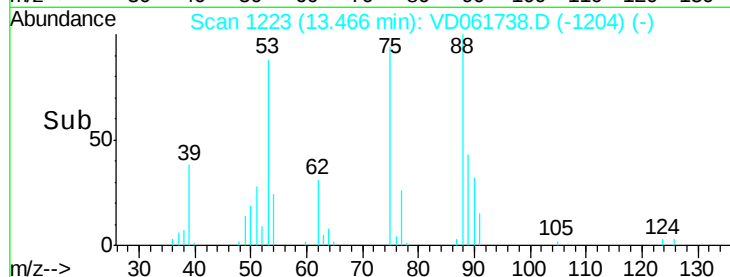
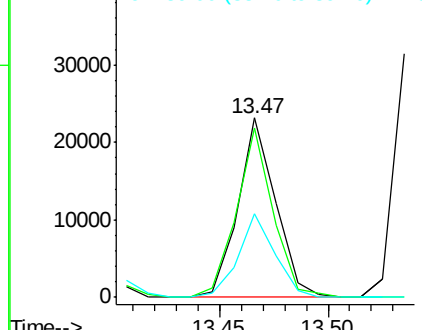
ClientSampleId :

Tot Ion: 75 Resp: 27760

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 94.2  | 60.2  | 90.2# |
| 89  | 46.3  | 34.2  | 51.2  |



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 53.00 (52.70 to 53.70): VDC  
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 18.406 ug/l

RT: 13.94 min Scan# 1271

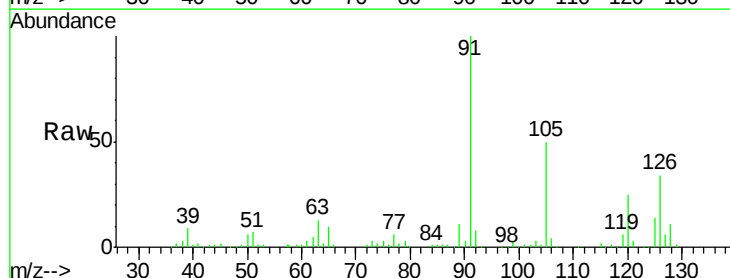
Delta R.T. -0.01 min

Lab File: VD061738.D

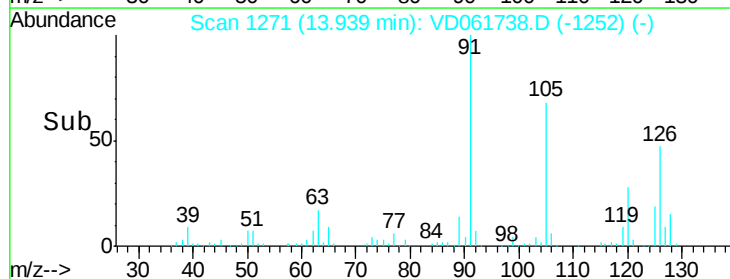
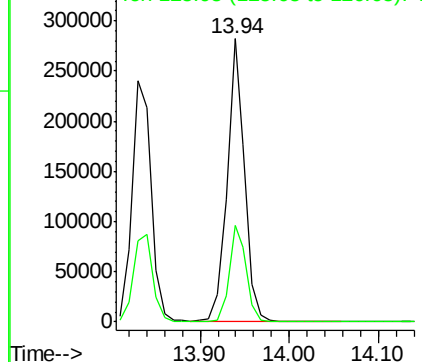
Acq: 11 Apr 2019 13:57

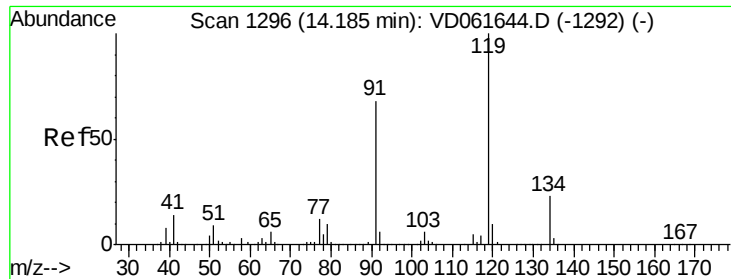
Tgt Ion: 91 Resp: 388679

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 34.2  | 19.0  | 57.0  |



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 125.95 (125.65 to 126.65): V

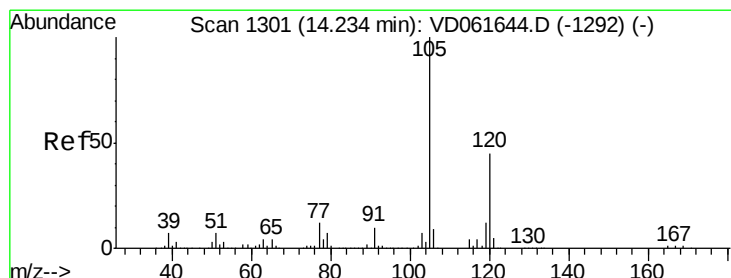
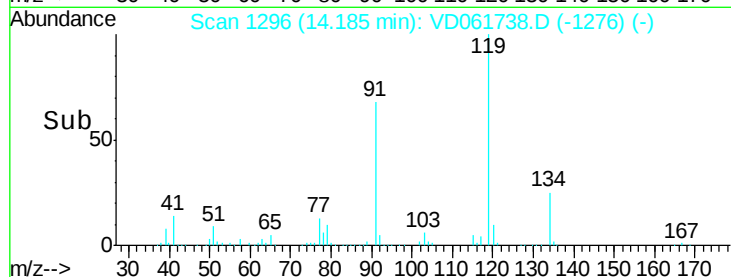
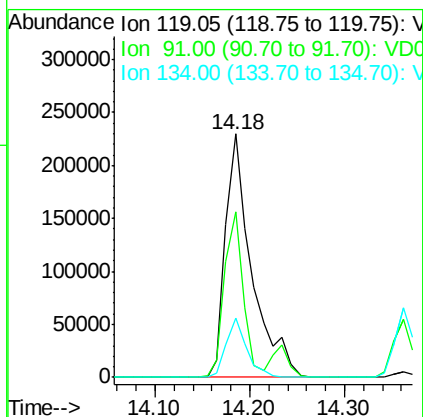
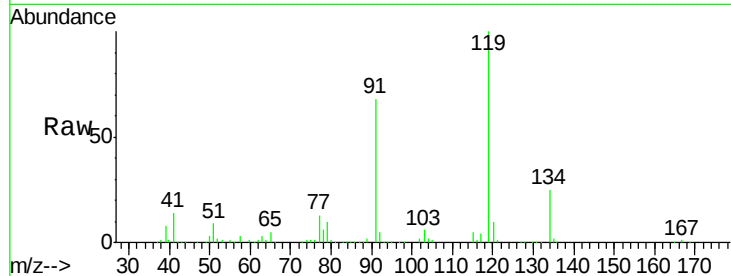




#83  
tert-Butylbenzene  
Concen: 16.436 ug/l  
RT: 14.18 min Scan# 1296  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

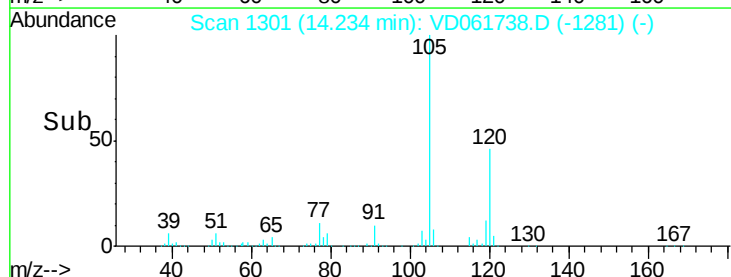
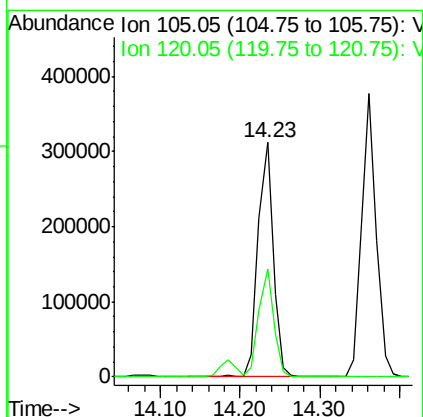
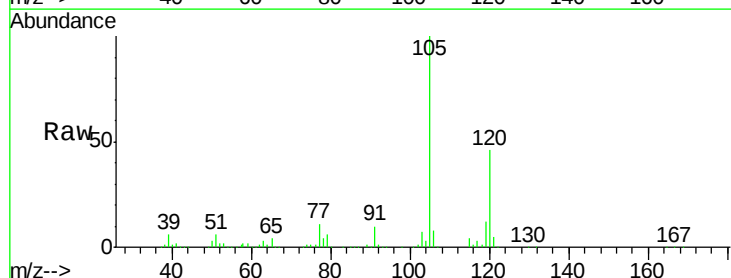
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:119 Resp: 443120  
Ion Ratio Lower Upper  
119 100  
91 68.1 33.9 101.6  
134 24.6 11.6 34.8



#84  
1,2,4-Trimethylbenzene  
Concen: 18.022 ug/l  
RT: 14.23 min Scan# 1301  
Delta R.T. -0.00 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion:105 Resp: 406718  
Ion Ratio Lower Upper  
105 100  
120 46.1 22.6 67.8

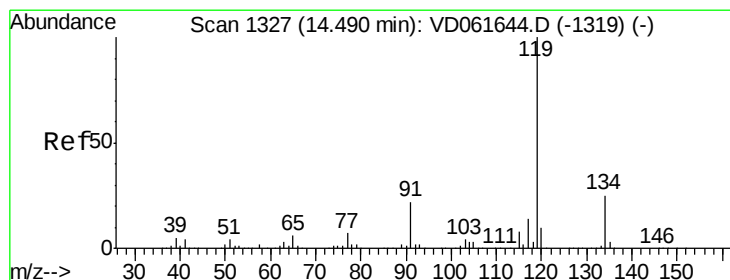
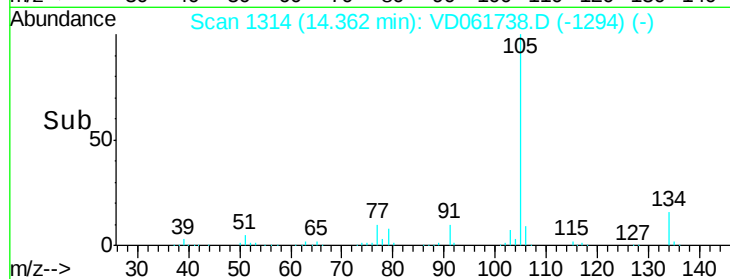
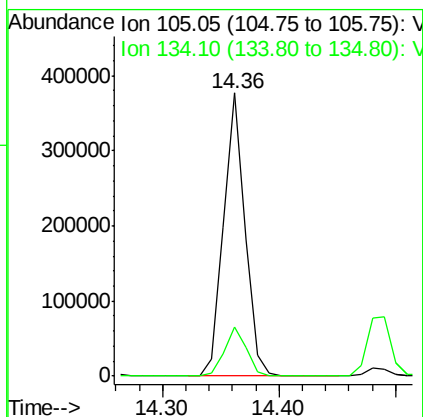
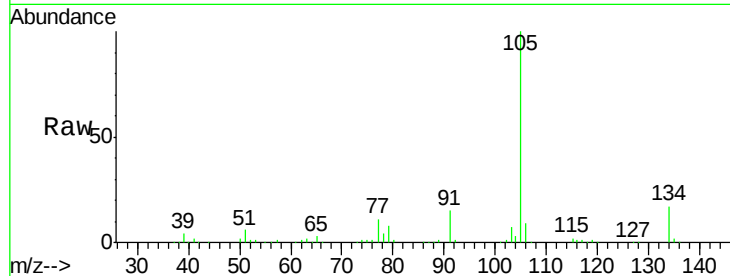




#85  
 sec-Butylbenzene  
 Concen: 16.567 ug/l  
 RT: 14.36 min Scan# 1314  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

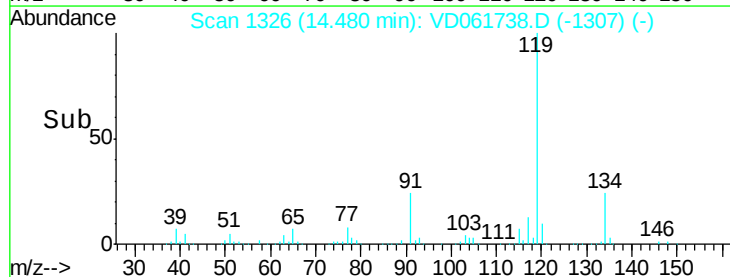
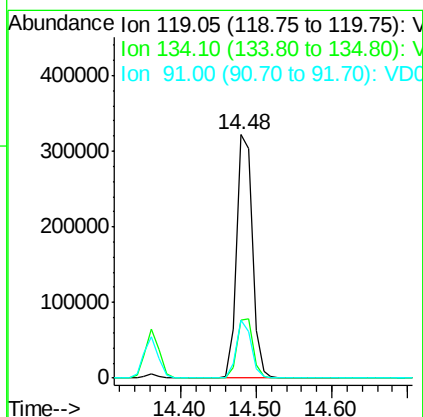
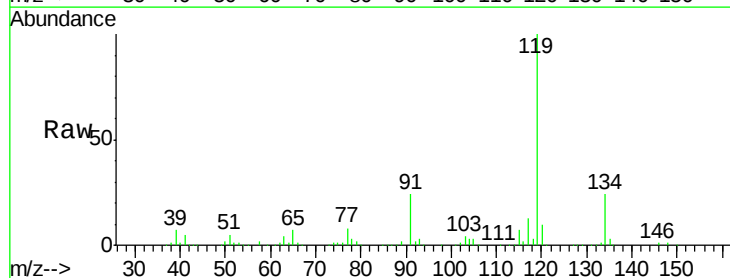
Instrument :  
 MSVOA\_D  
 ClientSampleId :

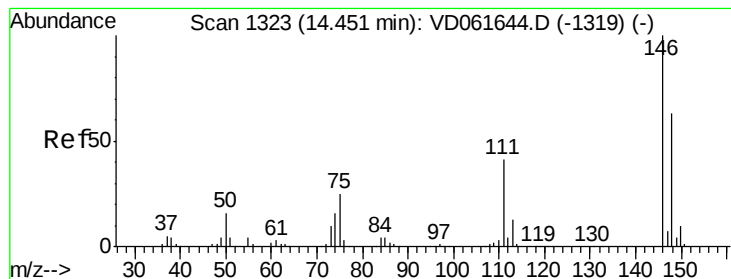
Tot Ion:105 Resp: 482587  
 Ion Ratio Lower Upper  
 105 100  
 134 17.3 8.6 25.7



#86  
 p-Isopropyltoluene  
 Concen: 18.051 ug/l  
 RT: 14.48 min Scan# 1326  
 Delta R.T. -0.01 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Tgt Ion:119 Resp: 456137  
 Ion Ratio Lower Upper  
 119 100  
 134 23.9 12.5 37.5  
 91 24.1 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 17.381 ug/l

RT: 14.45 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :

MSVOA\_D

ClientSampled :

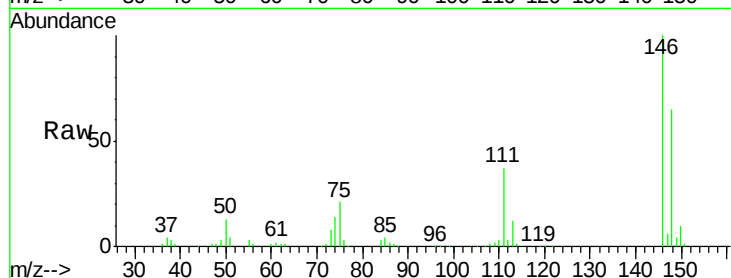
Tot Ion:146 Resp: 244604

Ion Ratio Lower Upper

146 100

111 37.2 20.3 61.0

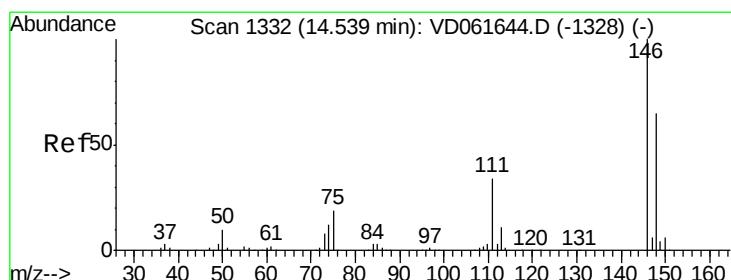
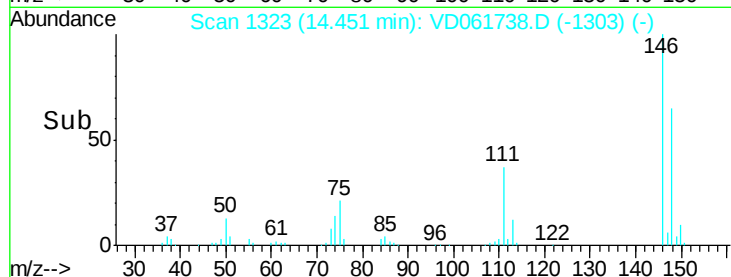
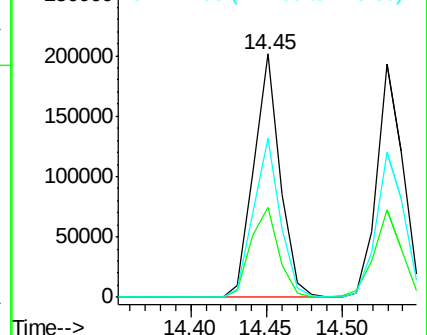
148 65.1 31.7 95.1



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 16.536 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. -0.01 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

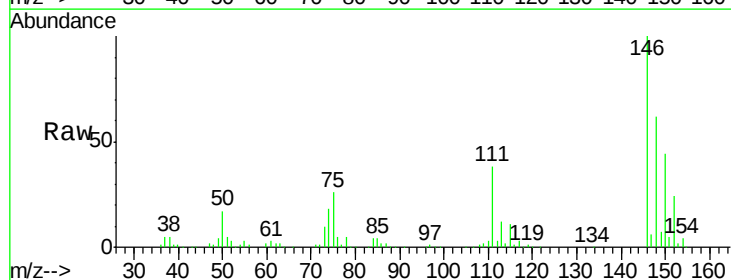
Tgt Ion:146 Resp: 234813

Ion Ratio Lower Upper

146 100

111 37.6 17.1 51.2

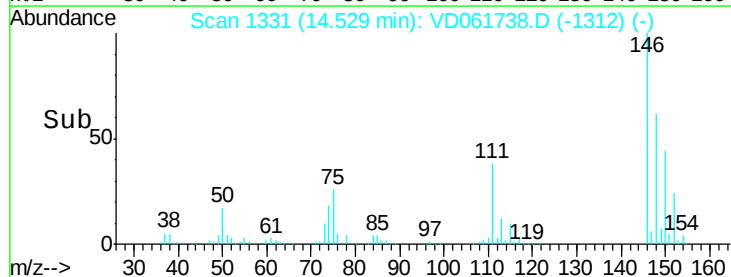
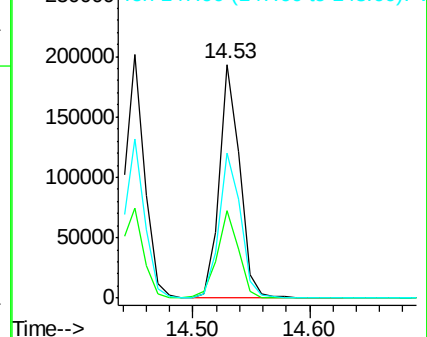
148 62.4 32.6 97.7

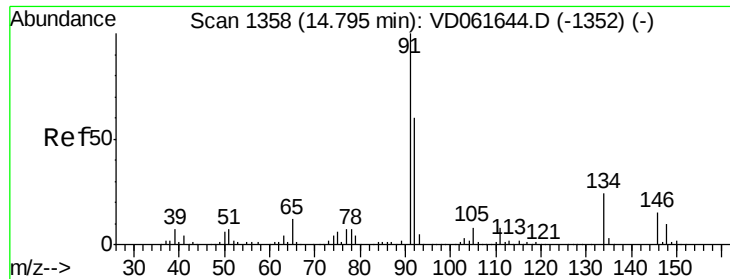


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.196 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VD061738.D

Acq: 11 Apr 2019 13:57

Instrument :

MSVOA\_D

ClientSampleId :

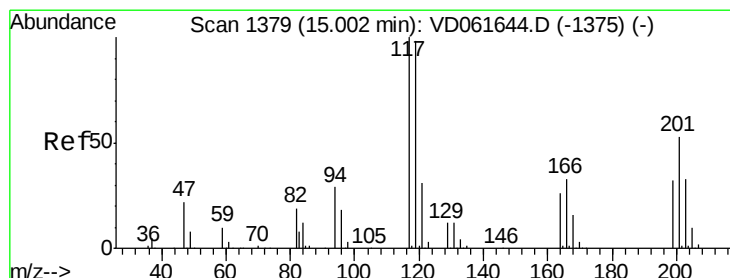
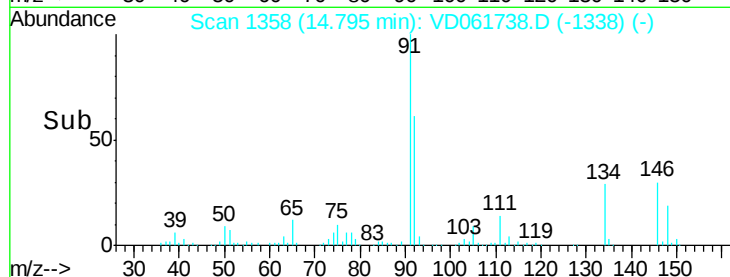
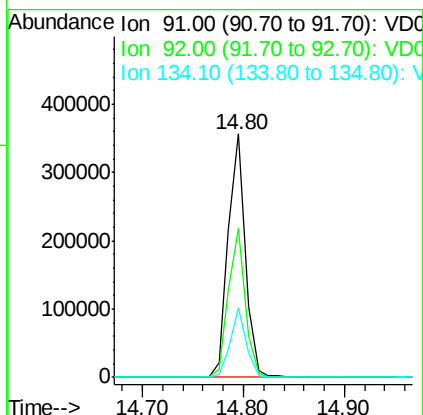
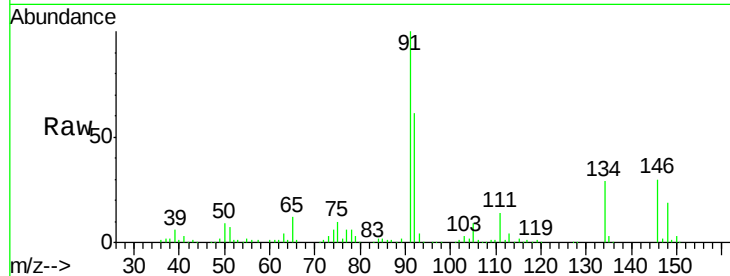
Tot Ion: 91 Resp: 421612

Ion Ratio Lower Upper

91 100

92 61.0 29.8 89.4

134 28.6 12.2 36.4



#90

Hexachloroethane

Concen: 17.903 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.00 min

Lab File: VD061738.D

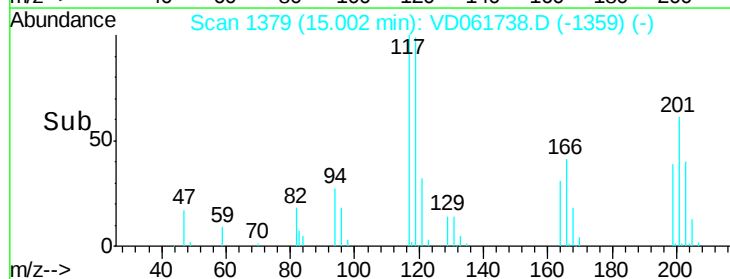
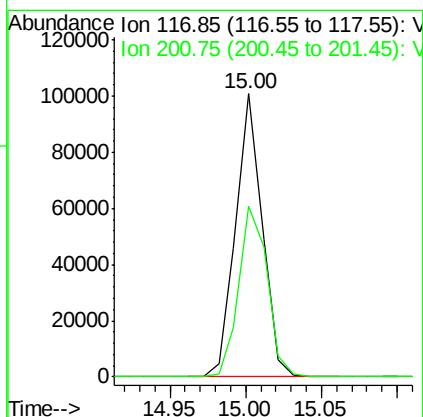
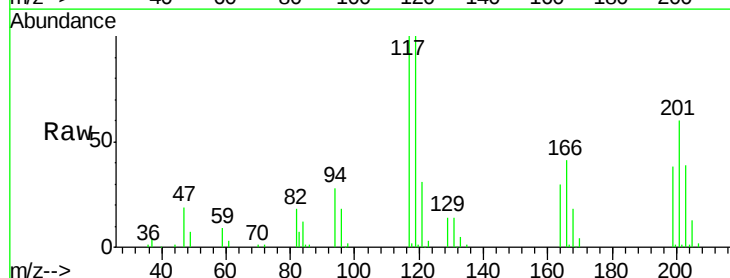
Acq: 11 Apr 2019 13:57

Tgt Ion: 117 Resp: 122754

Ion Ratio Lower Upper

117 100

201 60.4 26.3 78.8

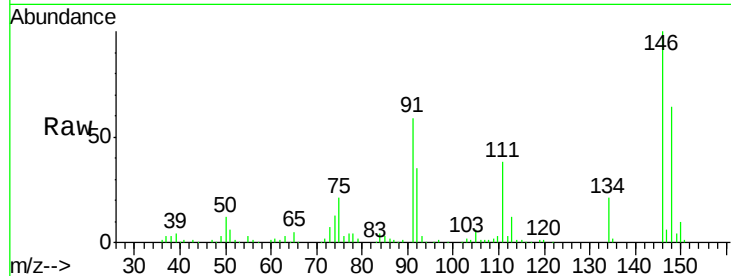




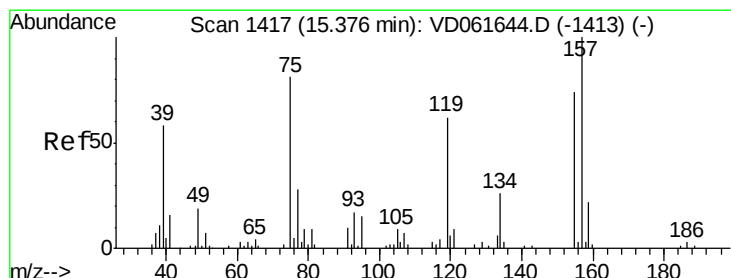
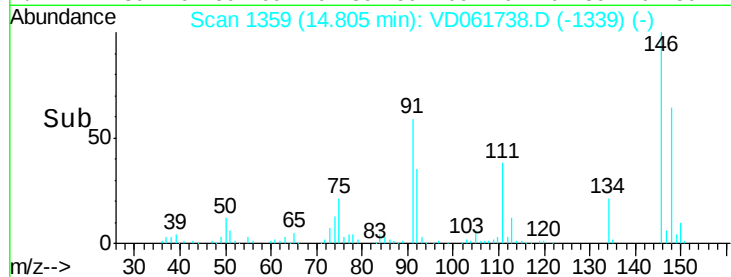
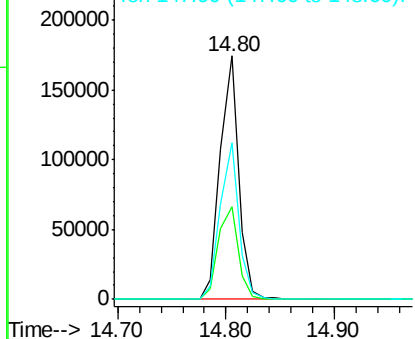
#91  
 1,2-Dichlorobenzene  
 Concen: 18.056 ug/l  
 RT: 14.80 min Scan# 1359  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Instrument :  
 MSVOA\_D  
 ClientSampled :

Tot Ion:146 Resp: 209427  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 21.1 63.3  
 148 64.1 31.7 95.1

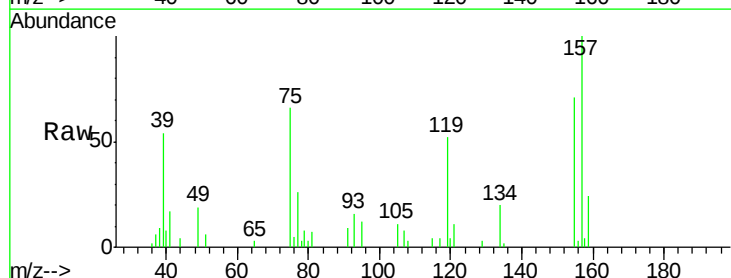


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

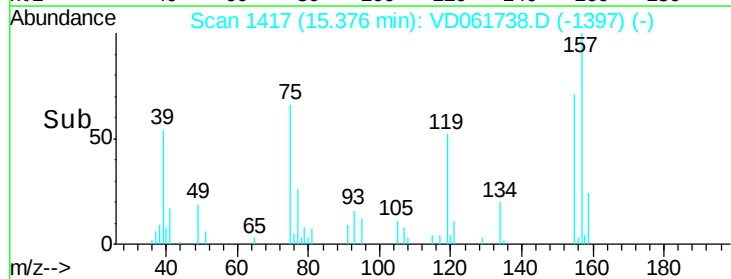
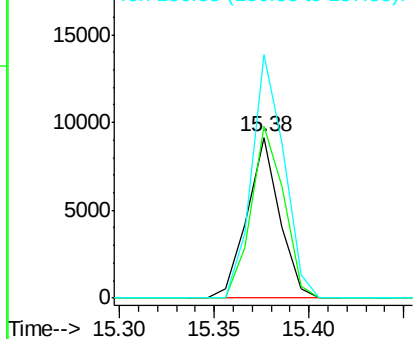


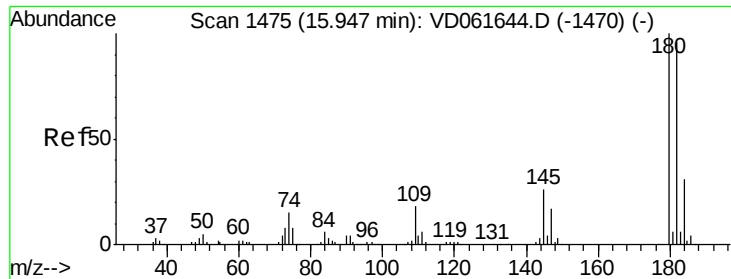
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 15.503 ug/l  
 RT: 15.38 min Scan# 1417  
 Delta R.T. 0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Tgt Ion: 75 Resp: 10898  
 Ion Ratio Lower Upper  
 75 100  
 155 107.0 45.6 136.7  
 157 151.4 61.4 184.2



Abundance Ion 75.00 (74.70 to 75.70): V  
 Ion 154.90 (154.60 to 155.60): V  
 Ion 156.85 (156.55 to 157.55): V

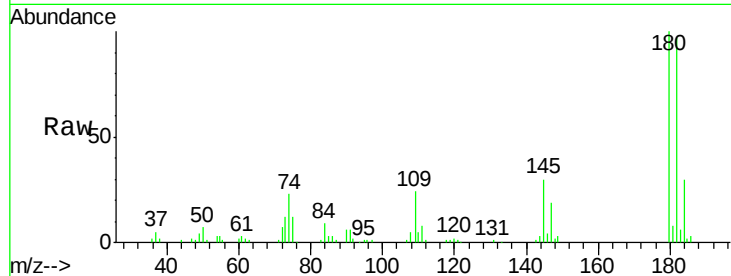




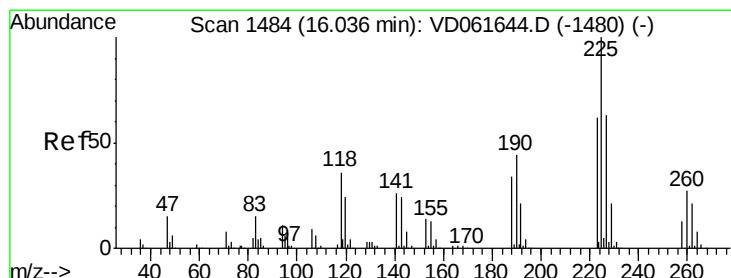
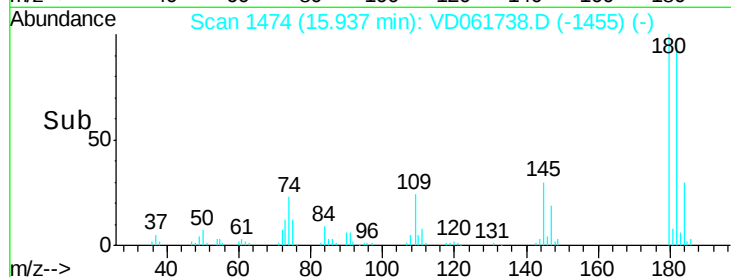
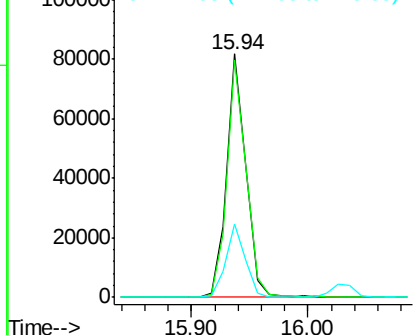
#93  
 1,2,4-Trichlorobenzene  
 Concen: 15.837 ug/l  
 RT: 15.94 min Scan# 1474  
 Delta R.T. -0.01 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Instrument :  
 MSVOA\_D  
 ClientSampleID :

Tot Ion:180 Resp: 93588  
 Ion Ratio Lower Upper  
 180 100  
 182 97.2 47.8 143.3  
 145 30.2 13.3 39.8

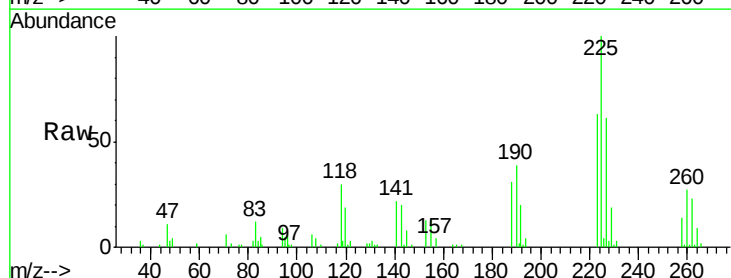


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

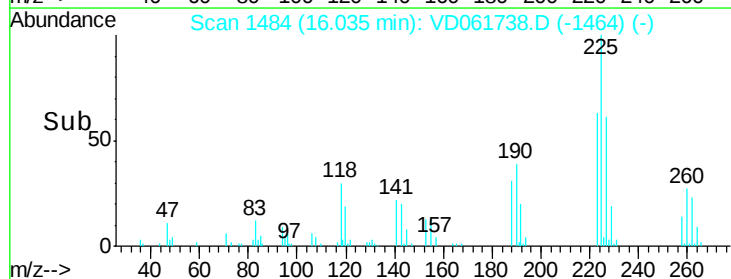
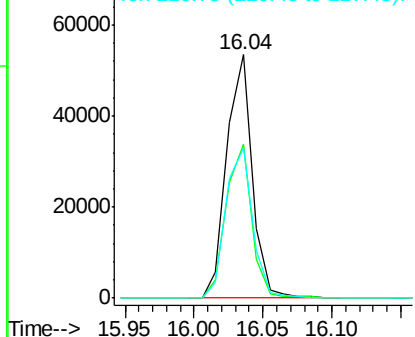


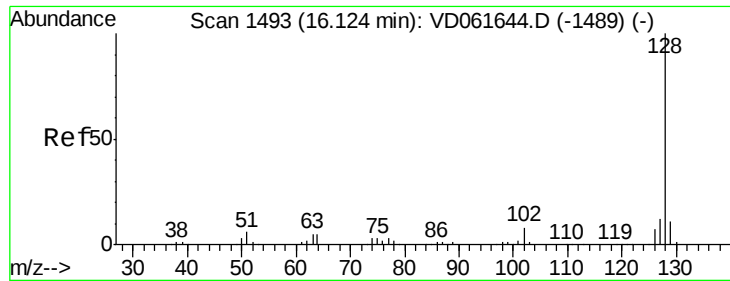
#94  
 Hexachlorobutadiene  
 Concen: 15.050 ug/l  
 RT: 16.04 min Scan# 1484  
 Delta R.T. -0.00 min  
 Lab File: VD061738.D  
 Acq: 11 Apr 2019 13:57

Tgt Ion:225 Resp: 68674  
 Ion Ratio Lower Upper  
 225 100  
 223 63.0 30.8 92.3  
 227 61.5 31.5 94.5



Abundance Ion 224.75 (224.45 to 225.45): V  
 Ion 222.75 (222.45 to 223.45): V  
 Ion 226.75 (226.45 to 227.45): V

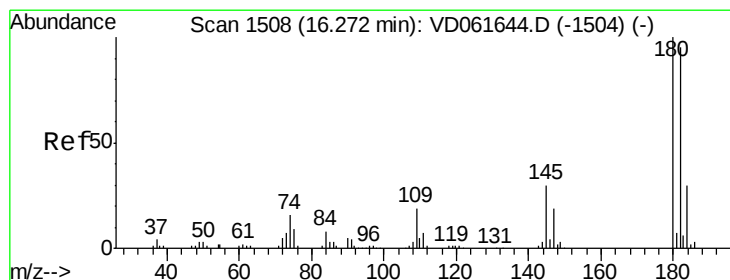
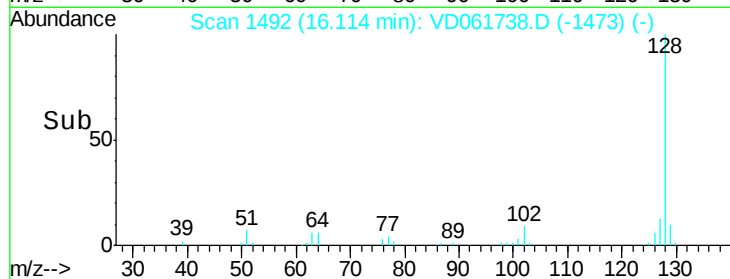
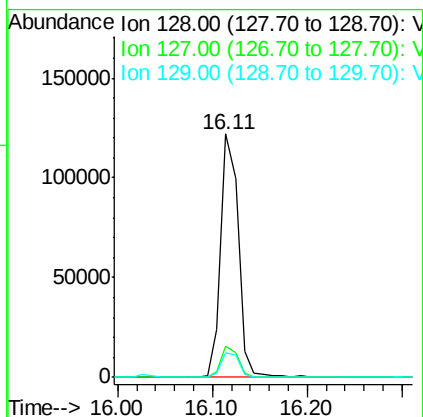
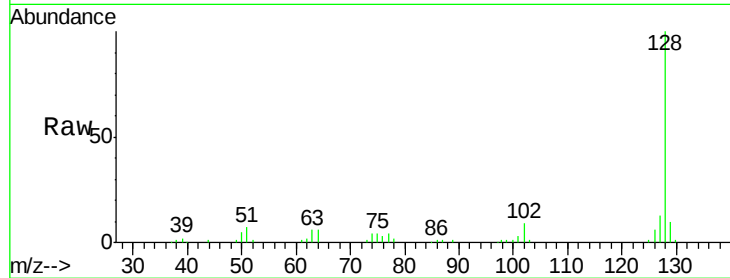




#95  
Naphthalene  
Concen: 16.795 ug/l  
RT: 16.11 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:128 Resp: 157039  
Ion Ratio Lower Upper  
128 100  
127 12.7 9.4 14.2  
129 10.0 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 17.346 ug/l  
RT: 16.26 min Scan# 1507  
Delta R.T. -0.01 min  
Lab File: VD061738.D  
Acq: 11 Apr 2019 13:57

Tgt Ion:180 Resp: 51157  
Ion Ratio Lower Upper  
180 100  
182 96.9 47.3 142.0  
145 33.7 15.1 45.3

