

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\  
 Data File : VD058316.D  
 Acq On : 23 Jun 2018 1:55  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 23 04:11:46 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 20 05:52:56 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 899742   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.70  | 114  | 1183419  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.69 | 117  | 960178   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.91 | 152  | 471985   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.02   | 65  | 514945   | 56.66 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.32% |      |
| 35) Dibromofluoromethane  | 5.55   | 113 | 522255   | 54.22 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.44% |      |
| 50) Toluene-d8            | 8.70   | 98  | 1282033  | 55.02 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.04% |      |
| 62) 4-Bromofluorobenzene  | 11.93  | 95  | 526328   | 55.29 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.58% |      |

## Target Compounds

|                               |      |     |         |        |        | Qvalue |
|-------------------------------|------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.34 | 85  | 450474  | 53.87  | ug/l   | 97     |
| 3) Chloromethane              | 1.49 | 50  | 219822  | 56.56  | ug/l   | 93     |
| 4) Vinyl Chloride             | 1.56 | 62  | 235192  | 49.90  | ug/l   | 98     |
| 5) Bromomethane               | 1.79 | 94  | 96537   | 64.42  | ug/l   | 98     |
| 6) Chloroethane               | 1.88 | 64  | 108404  | 65.82  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.09 | 101 | 354753  | 54.89  | ug/l   | 91     |
| 8) Diethyl Ether              | 2.35 | 74  | 69234   | 50.65  | ug/l   | 86     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.56 | 101 | 214507  | 52.21  | ug/l   | 98     |
| 10) Methyl Iodide             | 2.69 | 142 | 265604  | 56.84  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 3.26 | 59  | 81973   | 273.48 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 2.54 | 96  | 159958  | 51.75  | ug/l   | 92     |
| 13) Acrolein                  | 2.47 | 56  | 21121   | 123.44 | ug/l   | 93     |
| 14) Allyl chloride            | 2.93 | 41  | 373868  | 51.97  | ug/l   | 99     |
| 15) Acrylonitrile             | 3.36 | 53  | 251696  | 316.69 | ug/l   | 94     |
| 16) Acetone                   | 2.61 | 43  | 287441  | 231.27 | ug/l # | 89     |
| 17) Carbon Disulfide          | 2.76 | 76  | 502945  | 47.82  | ug/l   | 98     |
| 18) Methyl Acetate            | 2.94 | 43  | 141919  | 53.54  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 3.41 | 73  | 776089  | 94.66  | ug/l   | 99     |
| 20) Methylene Chloride        | 3.07 | 84  | 181431  | 56.54  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 3.40 | 96  | 276228  | 81.77  | ug/l   | 92     |
| 22) Diisopropyl ether         | 4.08 | 45  | 1448012 | 50.68  | ug/l   | 98     |
| 23) Vinyl Acetate             | 4.02 | 43  | 3911766 | 255.38 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.98 | 63  | 823526  | 53.50  | ug/l   | 98     |
| 25) 2-Butanone                | 4.85 | 43  | 652221  | 240.77 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 4.80 | 77  | 623467  | 48.37  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 4.81 | 96  | 449808  | 53.28  | ug/l   | 97     |
| 28) Bromochloromethane        | 5.15 | 49  | 370493  | 53.69  | ug/l # | 99     |
| 29) Tetrahydrofuran           | 5.19 | 42  | 329112  | 228.25 | ug/l   | 95     |
| 30) Chloroform                | 5.33 | 83  | 872746  | 53.70  | ug/l   | 98     |
| 31) Cyclohexane               | 5.59 | 56  | 594734  | 53.59  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 5.52 | 97  | 724692  | 53.97  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 5.75 | 75  | 586403  | 50.09  | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.92 | 43  | 325027  | 48.73  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 5.73 | 117 | 607360  | 52.21  | ug/l   | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\  
 Data File : VD058316.D  
 Acq On : 23 Jun 2018 1:55  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 23 04:11:46 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 20 05:52:56 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.29  | 83   | 558409   | 48.97   | ug/l   | 100      |
| 40) Benzene                    | 6.02  | 78   | 1416829  | 50.81   | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.13  | 41   | 181385   | 56.31   | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.14  | 62   | 601307   | 53.47   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 7.62  | 43   | 436255   | 49.06   | ug/l # | 100      |
| 44) Trichloroethene            | 6.98  | 130  | 425909   | 50.86   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.35  | 63   | 394957   | 52.59   | ug/l   | 99       |
| 46) Dibromomethane             | 7.46  | 93   | 257507   | 50.22   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.75  | 83   | 639093   | 54.66   | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.50  | 41   | 266450   | 49.30   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.49  | 88   | 48939    | 1003.09 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 8.60  | 43   | 1495980  | 257.90  | ug/l   | 97       |
| 52) Toluene                    | 8.80  | 92   | 795154   | 50.07   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.19  | 75   | 540997   | 53.22   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.36  | 75   | 622307   | 52.22   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 9.45  | 97   | 278714   | 49.61   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.32  | 69   | 336590   | 50.10   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.67  | 76   | 467842   | 49.44   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.19  | 63   | 879606   | 264.44  | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.79  | 43   | 999872   | 238.56  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.97  | 129  | 419149   | 54.97   | ug/l   | 94       |
| 61) 1,2-Dibromoethane          | 10.09 | 107  | 320801   | 52.17   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.51  | 164  | 425251   | 52.64   | ug/l   | 96       |
| 65) Chlorobenzene              | 10.72 | 112  | 901446   | 50.19   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.85 | 131  | 370098   | 53.40   | ug/l   | 96       |
| 67) Ethyl Benzene              | 10.86 | 91   | 1564195  | 49.33   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.02 | 106  | 982928   | 92.96   | ug/l   | 100      |
| 69) o-Xylene                   | 11.40 | 106  | 507345   | 50.24   | ug/l   | 100      |
| 70) Styrene                    | 11.43 | 104  | 857287   | 49.74   | ug/l   | 96       |
| 71) Bromoform                  | 11.60 | 173  | 300089   | 54.27   | ug/l   | 99       |
| 73) Isopropylbenzene           | 11.78 | 105  | 1465999  | 51.93   | ug/l   | 99       |
| 74) N-amyl acetate             | 11.65 | 43   | 565613   | 51.82   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.08 | 83   | 350630   | 53.37   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.11 | 75   | 351650   | 51.03   | ug/l   | 98       |
| 77) Bromobenzene               | 12.04 | 156  | 468355   | 55.40   | ug/l   | 92       |
| 78) n-propylbenzene            | 12.15 | 91   | 1885064  | 51.70   | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.22 | 91   | 1091297  | 52.31   | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene     | 12.32 | 105  | 1140493  | 51.79   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.85 | 75   | 83611    | 49.75   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.33 | 91   | 1202713  | 60.27   | ug/l   | 95       |
| 83) tert-Butylbenzene          | 12.57 | 119  | 1262012  | 49.85   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 12.62 | 105  | 1273015  | 53.18   | ug/l   | 96       |
| 85) sec-Butylbenzene           | 12.76 | 105  | 1536579  | 51.78   | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 12.89 | 119  | 1255863  | 52.23   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.84 | 146  | 744641   | 50.68   | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene        | 12.93 | 146  | 740532   | 51.61   | ug/l   | 96       |
| 89) n-Butylbenzene             | 13.19 | 91   | 1203355  | 47.61   | ug/l   | 98       |
| 90) Hexachloroethane           | 13.40 | 117  | 341730   | 54.75   | ug/l   | 78       |
| 91) 1,2-Dichlorobenzene        | 13.19 | 146  | 602297   | 48.17   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.77 | 75   | 58227    | 55.69   | ug/l   | 84       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062218\  
Data File : VD058316.D  
Acq On : 23 Jun 2018 1:55  
Operator : VA/AP  
Sample : VSTDCCC050  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 29 Sample Multiplier: 1

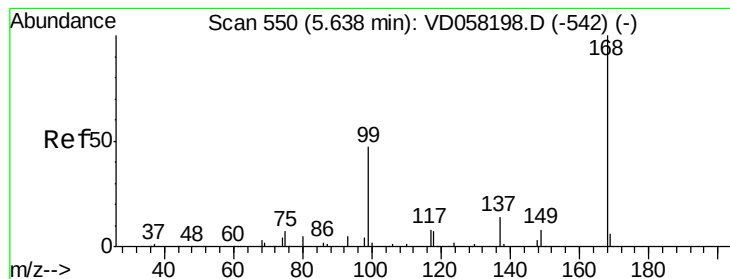
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Quant Time: Jun 23 04:11:46 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 20 05:52:56 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.34 | 180  | 597717   | 49.98 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 14.43 | 225  | 444830   | 47.55 | ug/l  | 98       |
| 95) Naphthalene            | 14.51 | 128  | 811641   | 51.52 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 525629   | 50.20 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

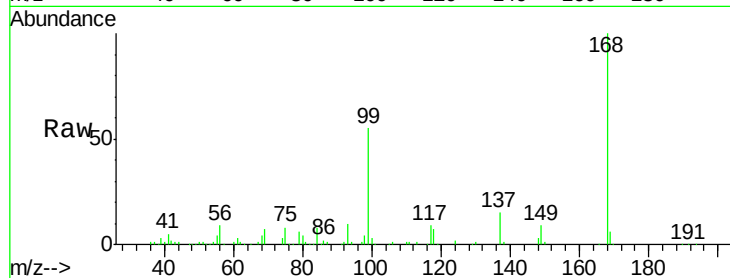
VSTDCCC050

Tot Ion:168 Resp: 899742

Ion Ratio Lower Upper

168 100

99 54.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

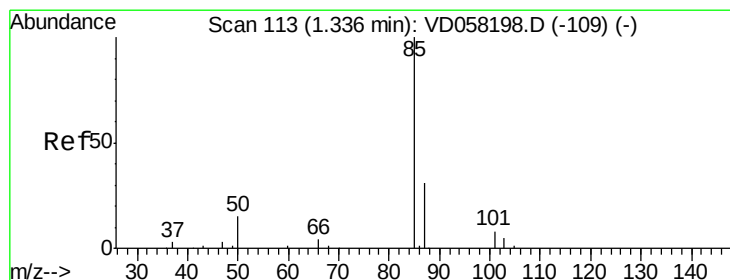
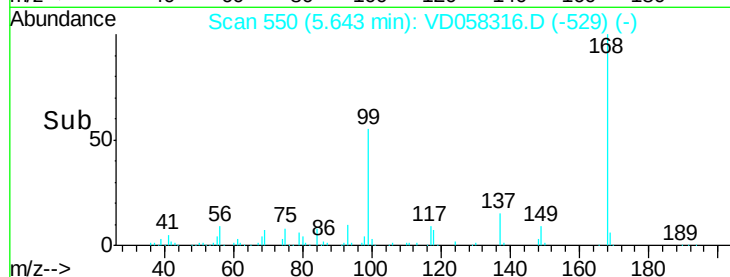
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.87 ug/l

RT: 1.34 min Scan# 113

Delta R.T. 0.01 min

Lab File: VD058316.D

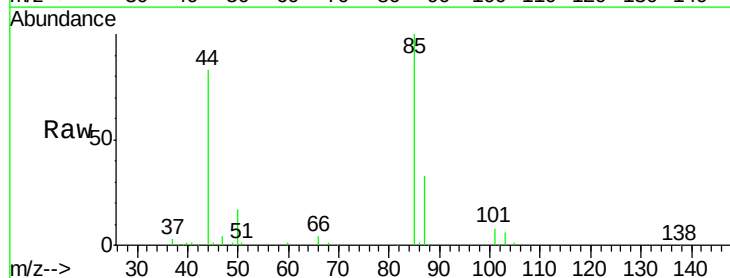
Acq: 23 Jun 2018 1:55

Tgt Ion: 85 Resp: 450474

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.34

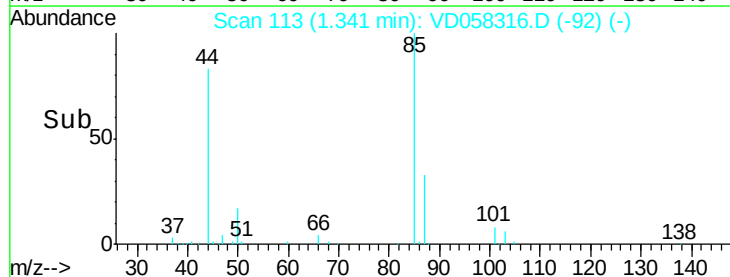
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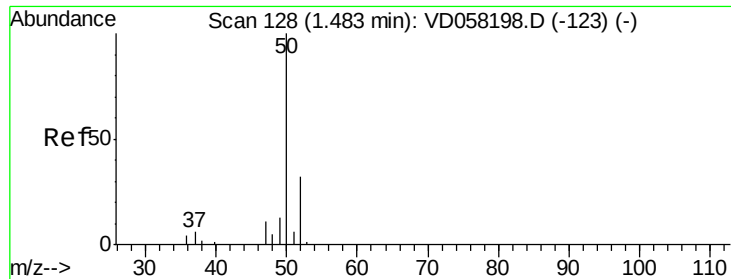
100000

50000

0

Time-->





#3

Chloromethane

Concen: 56.56 ug/l

RT: 1.49 min Scan# 128

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

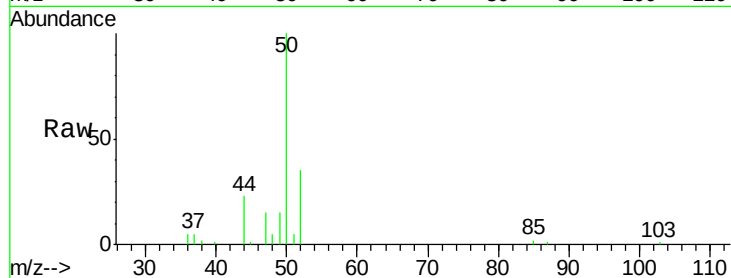
VSTDCCC050

Tot Ion: 50 Resp: 219822

Ion Ratio Lower Upper

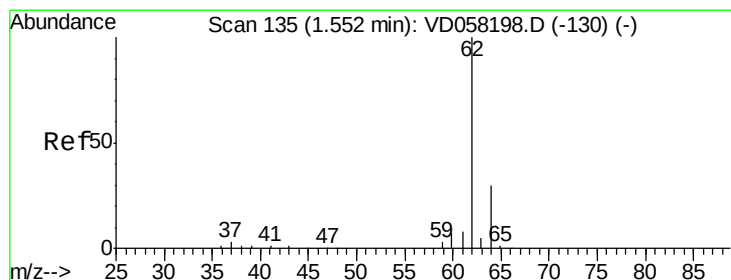
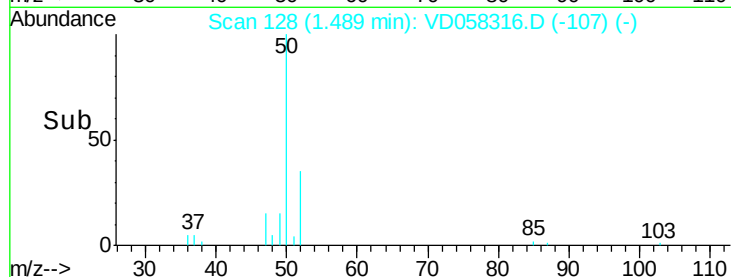
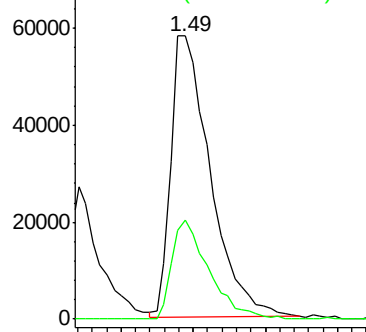
50 100

52 35.0 25.0 37.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 49.90 ug/l

RT: 1.56 min Scan# 135

Delta R.T. 0.01 min

Lab File: VD058316.D

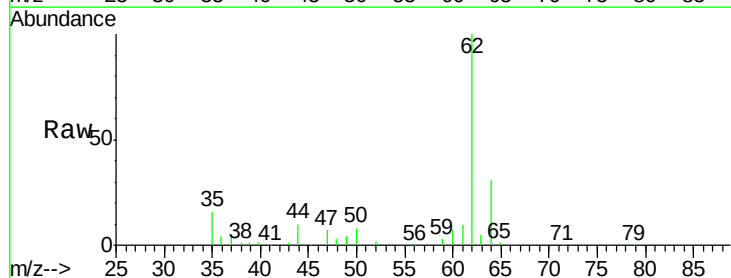
Acq: 23 Jun 2018 1:55

Tgt Ion: 62 Resp: 235192

Ion Ratio Lower Upper

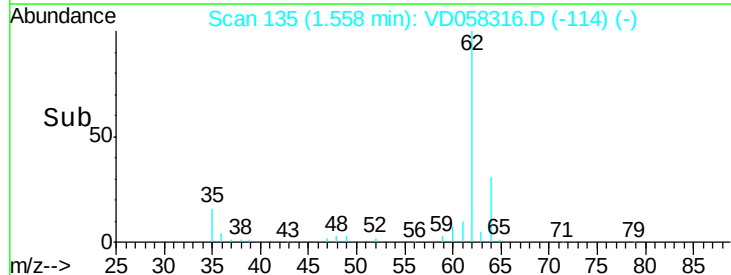
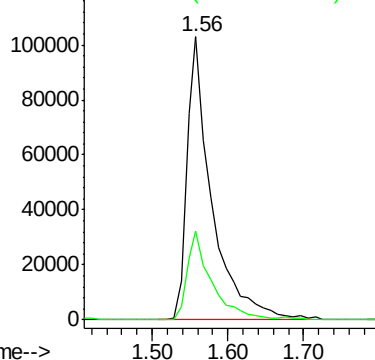
62 100

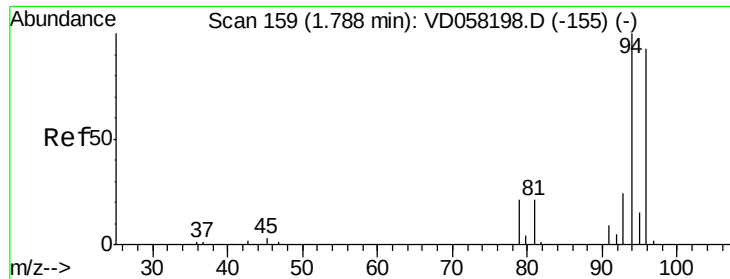
64 31.4 24.4 36.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 64.42 ug/l

RT: 1.79 min Scan# 159

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

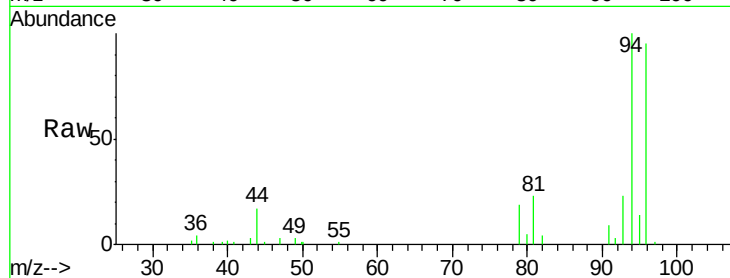
VSTDCCC050

Tot Ion: 94 Resp: 96537

Ion Ratio Lower Upper

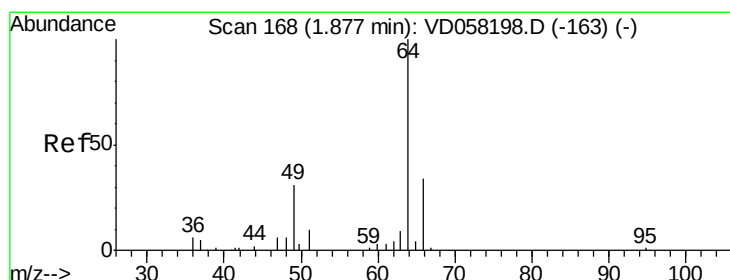
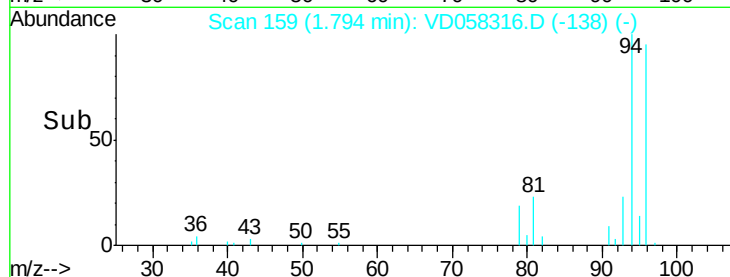
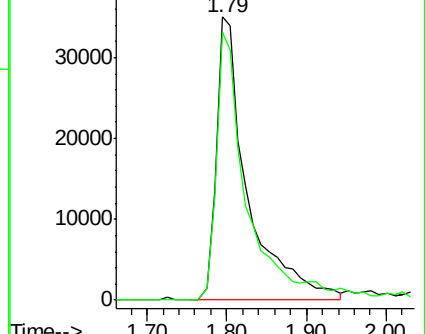
94 100

96 94.8 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 65.82 ug/l

RT: 1.88 min Scan# 168

Delta R.T. 0.01 min

Lab File: VD058316.D

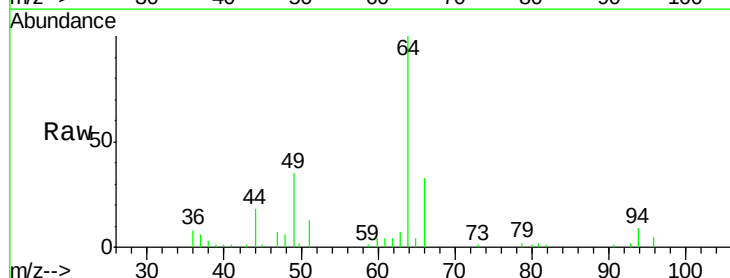
Acq: 23 Jun 2018 1:55

Tgt Ion: 64 Resp: 108404

Ion Ratio Lower Upper

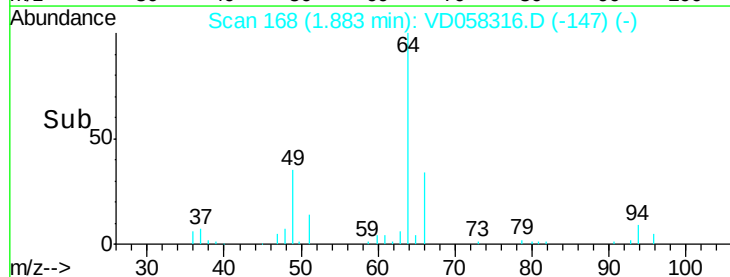
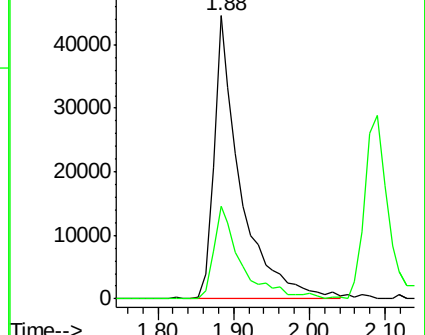
64 100

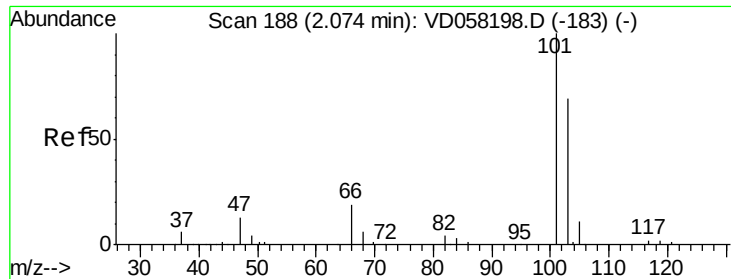
66 33.0 27.3 40.9



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



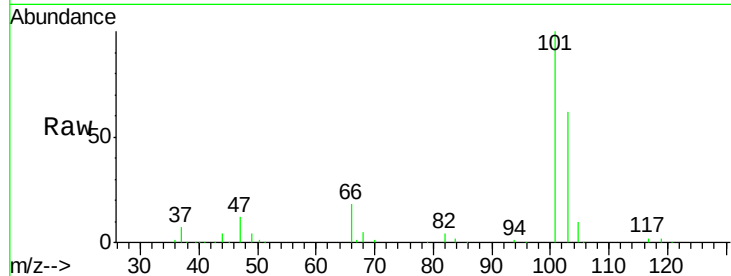


#7

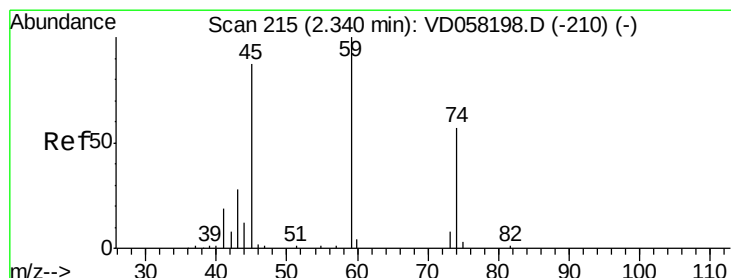
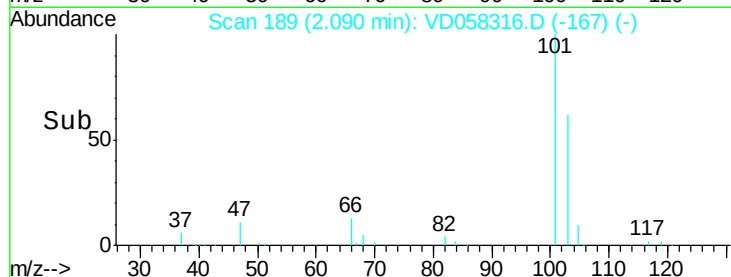
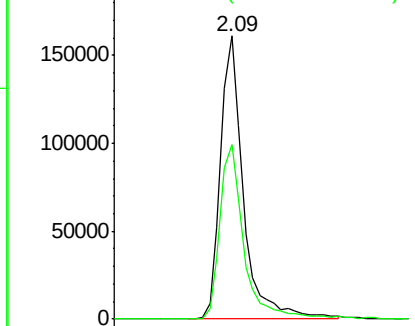
Trichlorofluoromethane  
 Concen: 54.89 ug/l  
 RT: 2.09 min Scan# 189  
 Delta R.T. 0.02 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:101 Resp: 354753  
 Ion Ratio Lower Upper  
 101 100  
 103 61.8 55.1 82.7



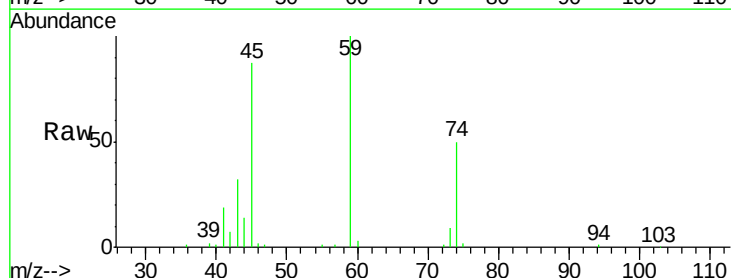
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



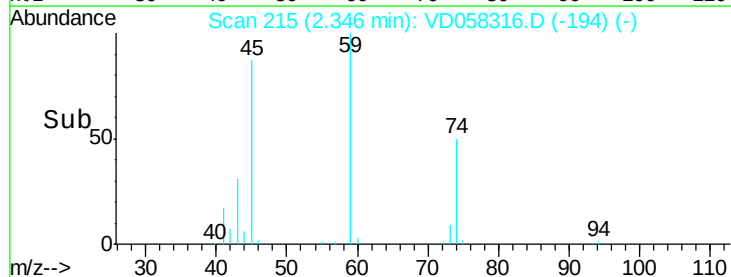
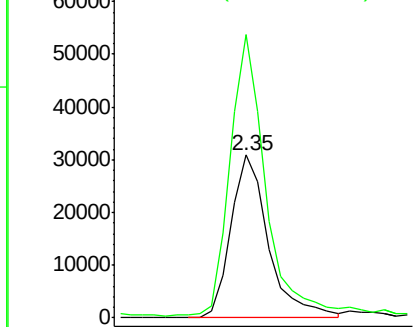
#8

Diethyl Ether  
 Concen: 50.65 ug/l  
 RT: 2.35 min Scan# 215  
 Delta R.T. 0.01 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

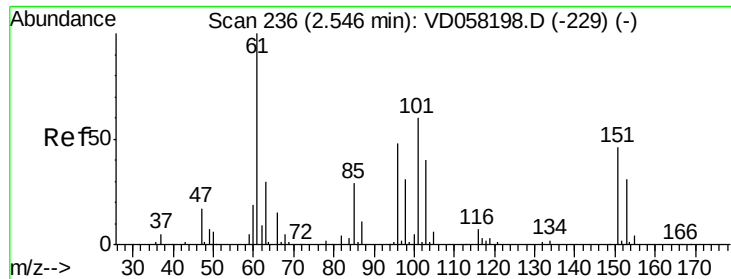
Tgt Ion: 74 Resp: 69234  
 Ion Ratio Lower Upper  
 74 100  
 45 173.7 77.5 232.6



Abundance Ion 74.00 (73.70 to 74.70): VDC  
 Ion 45.05 (44.75 to 45.75): VDC







#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.21 ug/l

RT: 2.56 min Scan# 237

Delta R.T. 0.02 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

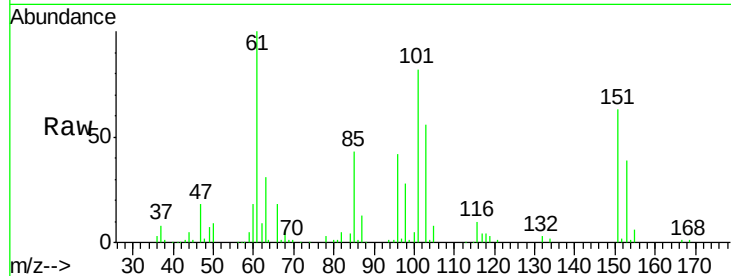
Tot Ion:101 Resp: 214507

Ion Ratio Lower Upper

101 100

85 52.5 39.0 58.4

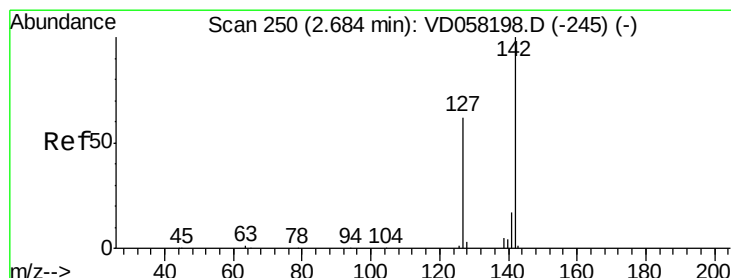
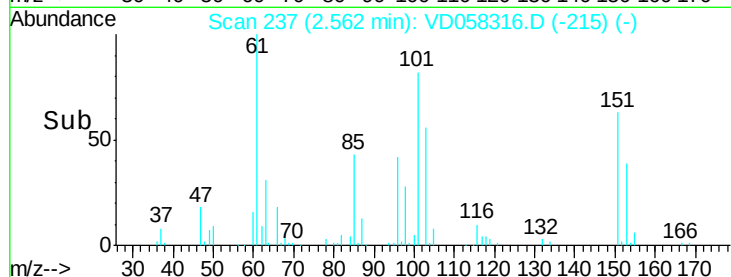
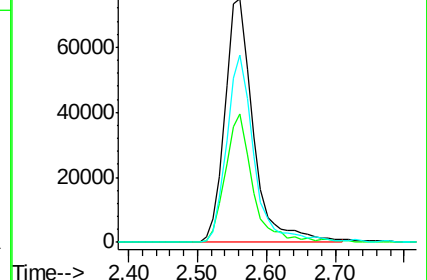
151 77.2 61.8 92.8



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: 56.84 ug/l

RT: 2.69 min Scan# 250

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

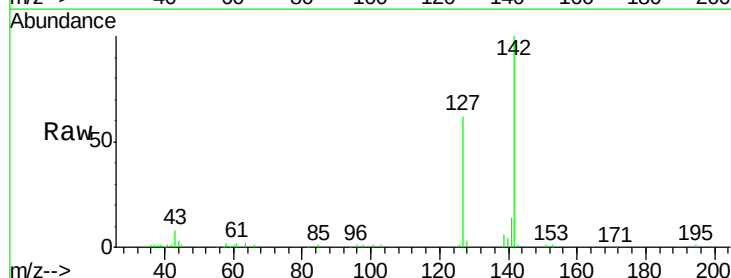
Tgt Ion:142 Resp: 265604

Ion Ratio Lower Upper

142 100

127 62.3 49.4 74.0

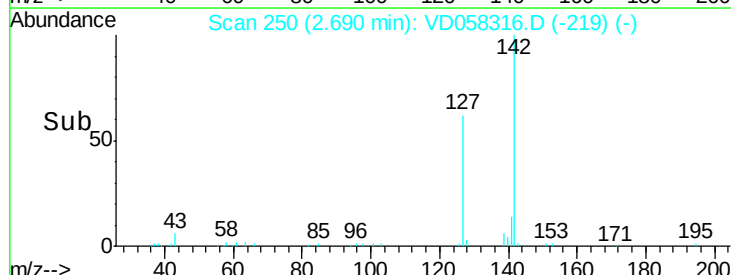
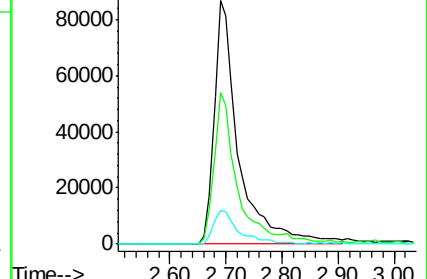
141 13.7 13.5 20.3

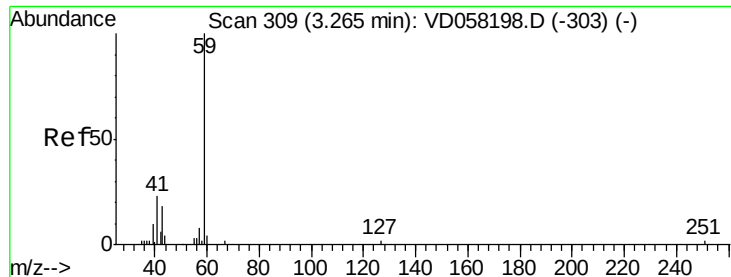


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



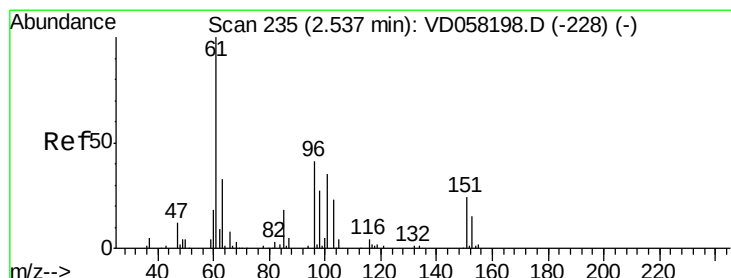
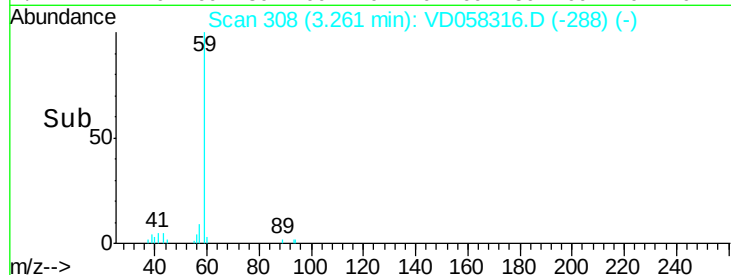
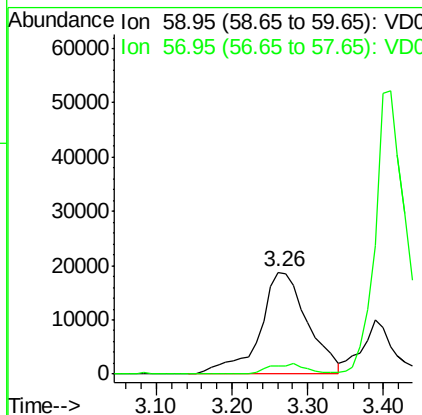
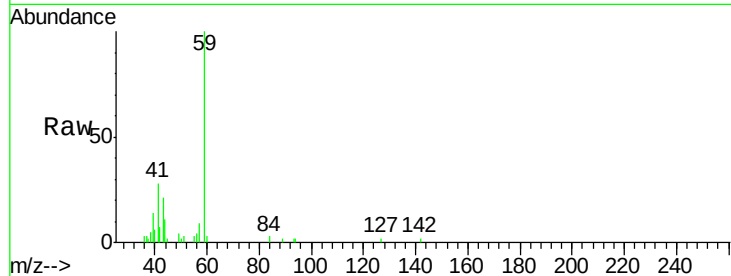


#11

Tert butyl alcohol  
 Concen: 273.48 ug/l  
 RT: 3.26 min Scan# 308  
 Delta R.T. -0.00 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

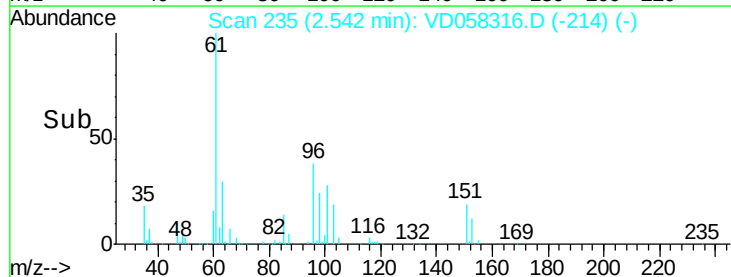
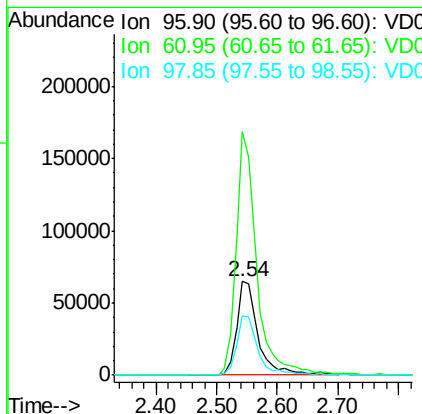
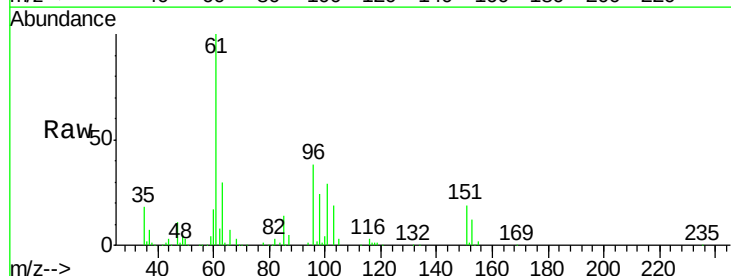
Tot Ion: 59 Resp: 81973  
 Ion Ratio Lower Upper  
 59 100  
 57 8.5 6.2 9.4

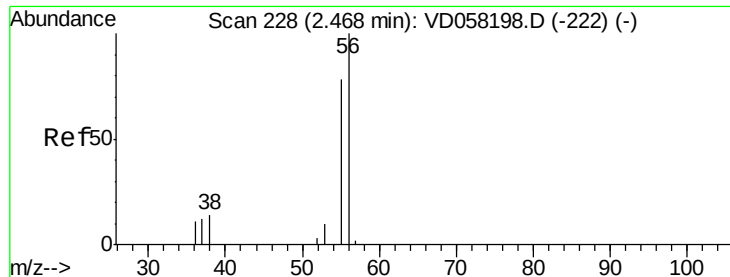


#12

1,1-Dichloroethene  
 Concen: 51.75 ug/l  
 RT: 2.54 min Scan# 235  
 Delta R.T. 0.01 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

Tgt Ion: 96 Resp: 159958  
 Ion Ratio Lower Upper  
 96 100  
 61 260.0 193.9 290.9  
 98 63.6 51.7 77.5





#13

Acrolein

Concen: 123.44 ug/l

RT: 2.47 min Scan# 228

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

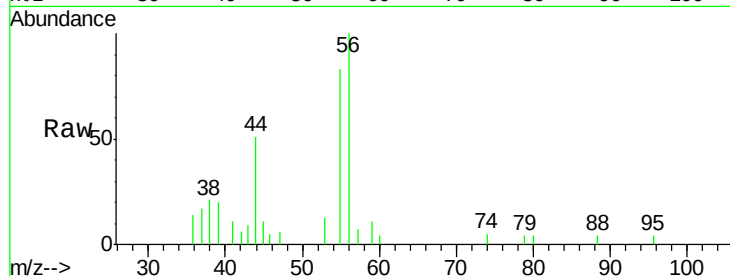
VSTDCCC050

Tot Ion: 56 Resp: 21121

Ion Ratio Lower Upper

56 100

55 83.3 62.1 93.1



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

2.47

8000

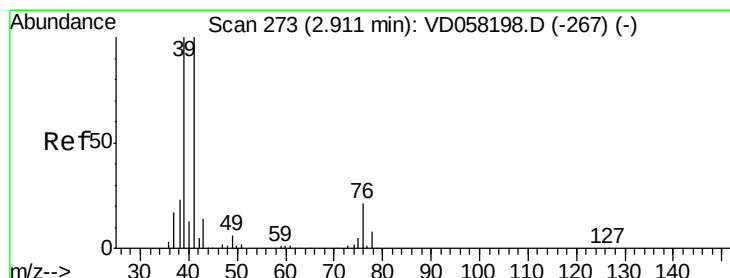
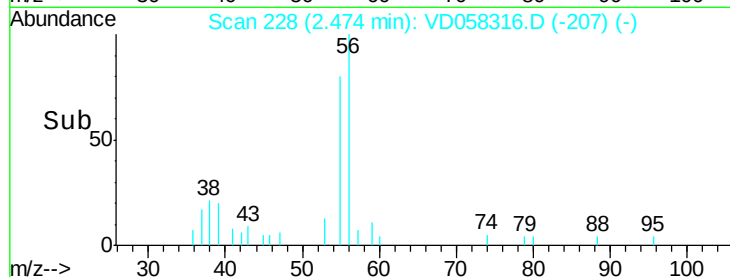
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 51.97 ug/l

RT: 2.93 min Scan# 274

Delta R.T. 0.02 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

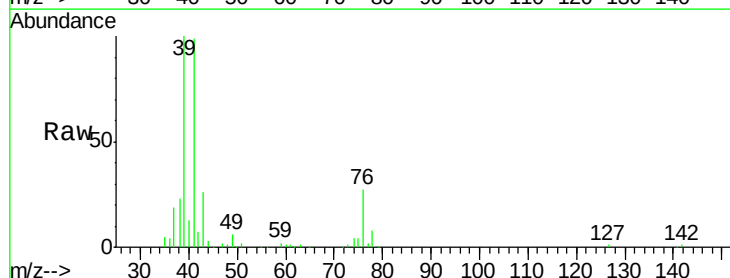
Tgt Ion: 41 Resp: 373868

Ion Ratio Lower Upper

41 100

39 100.7 80.1 120.1

76 26.9 19.4 29.2



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

2.93

300000

250000

200000

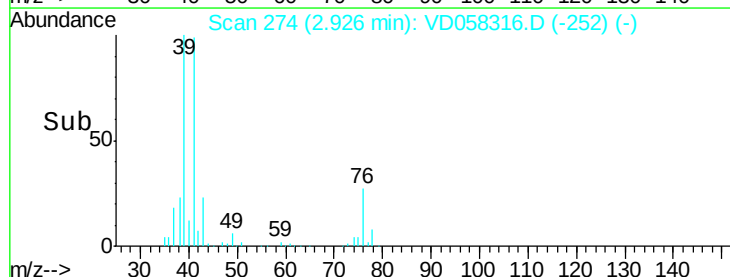
150000

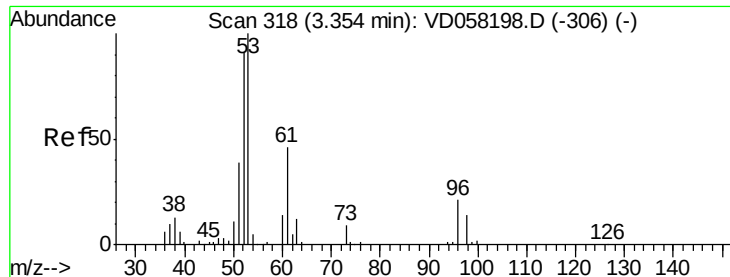
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 316.69 ug/l

RT: 3.36 min Scan# 318

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

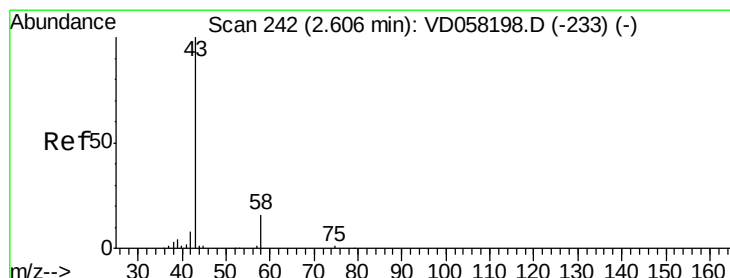
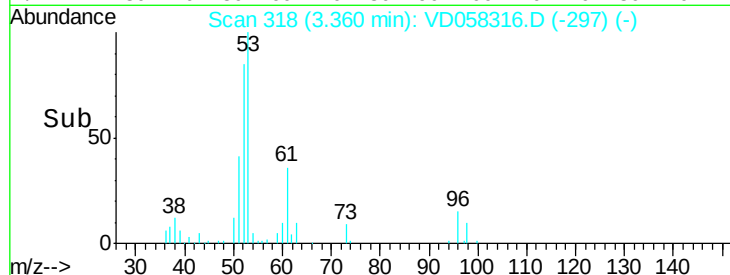
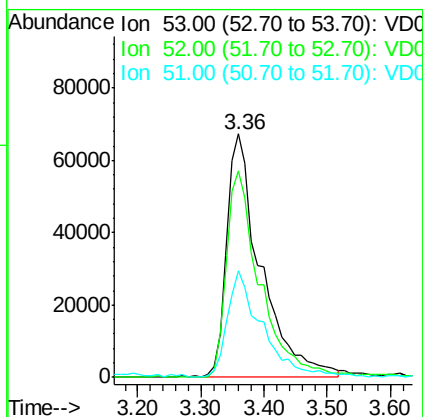
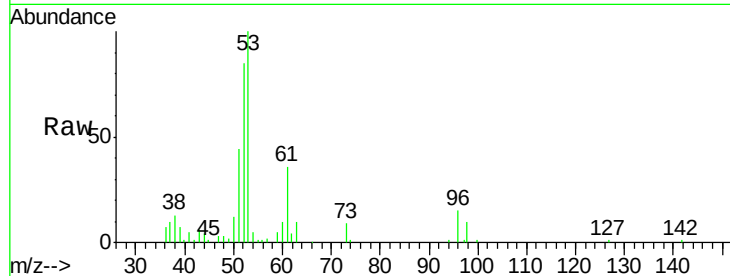
Tot Ion: 53 Resp: 251696

Ion Ratio Lower Upper

53 100

52 84.9 72.6 108.8

51 43.9 32.2 48.4



#16

Acetone

Concen: 231.27 ug/l

RT: 2.61 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD058316.D

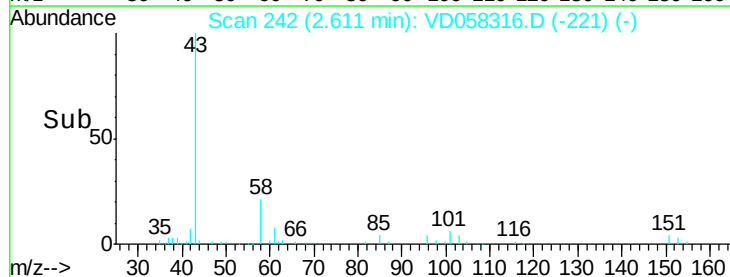
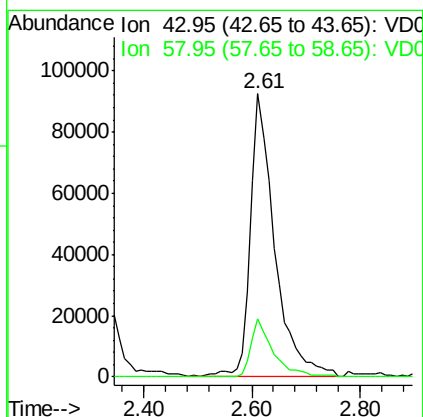
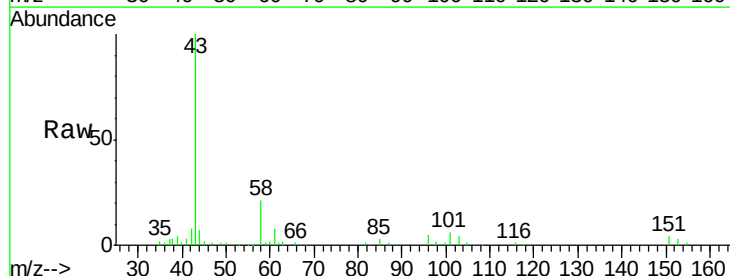
Acq: 23 Jun 2018 1:55

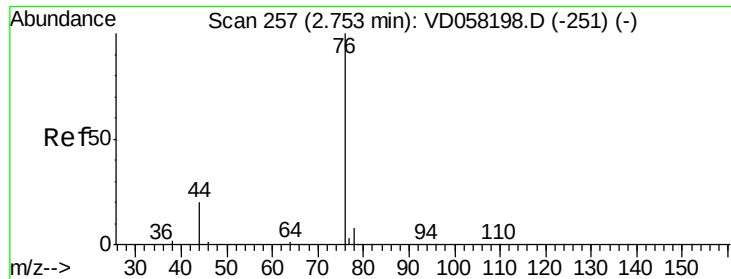
Tgt Ion: 43 Resp: 287441

Ion Ratio Lower Upper

43 100

58 20.8 12.7 19.1#

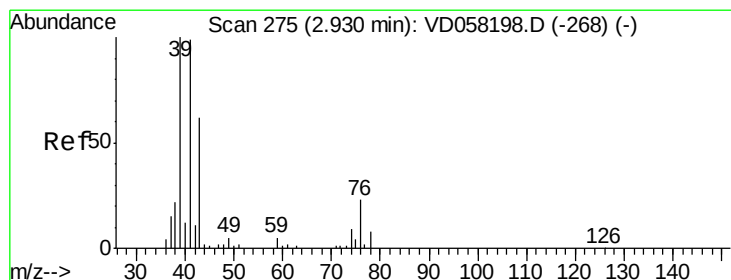
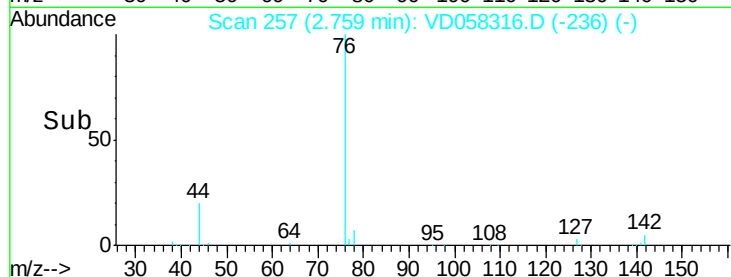
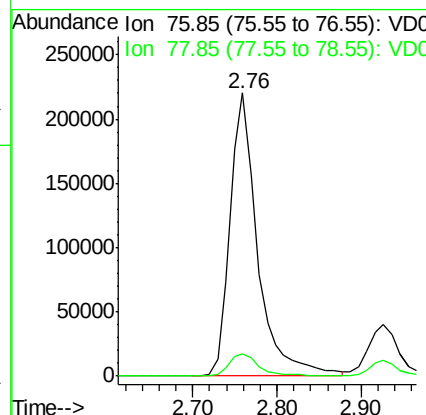
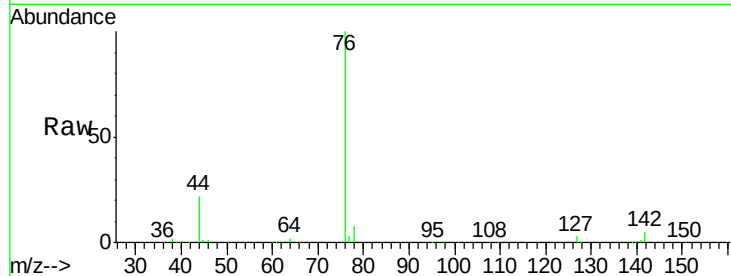




#17  
Carbon Disulfide  
Concen: 47.82 ug/l  
RT: 2.76 min Scan# 257  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

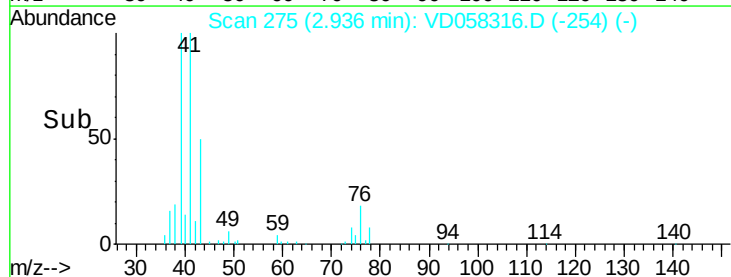
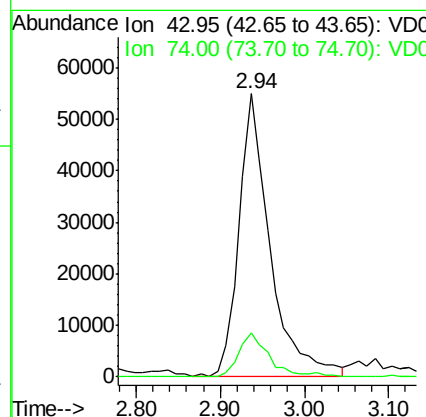
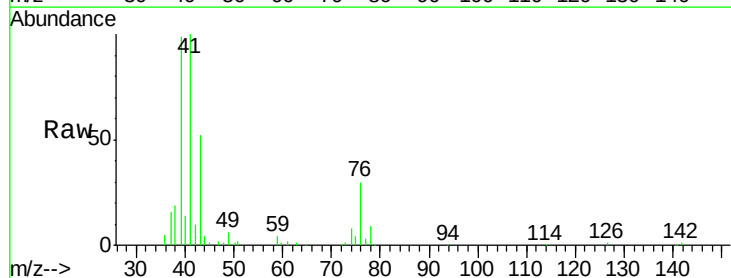
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

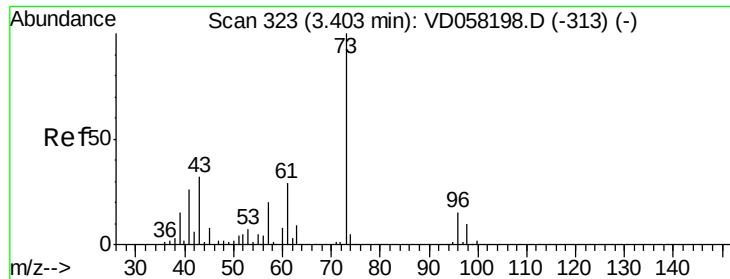
Tot Ion: 76 Resp: 502945  
Ion Ratio Lower Upper  
76 100  
78 8.0 6.8 10.2



#18  
Methyl Acetate  
Concen: 53.54 ug/l  
RT: 2.94 min Scan# 275  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion: 43 Resp: 141919  
Ion Ratio Lower Upper  
43 100  
74 15.4 11.7 17.5



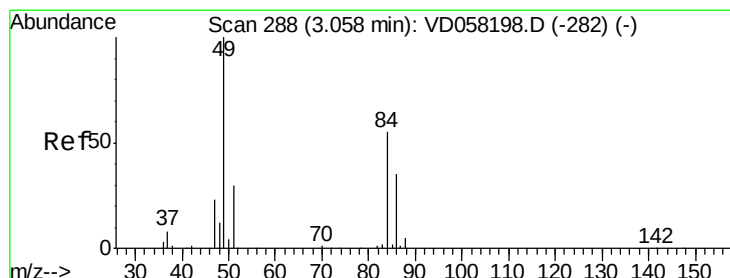
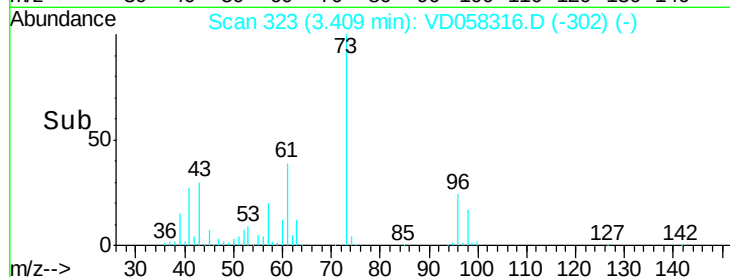
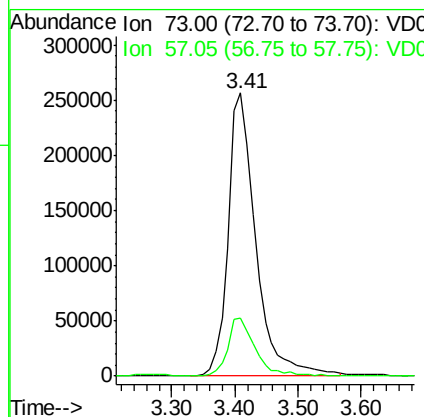
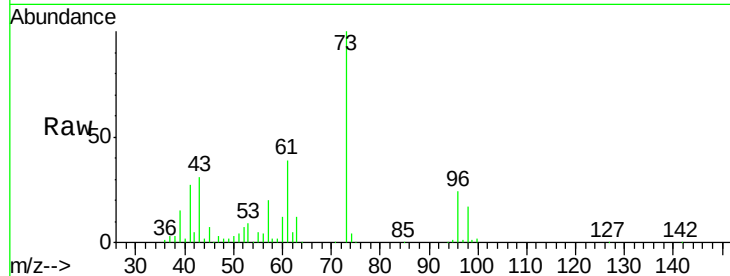


#19

Methyl tert-butyl Ether  
 Concen: 94.66 ug/l  
 RT: 3.41 min Scan# 323  
 Delta R.T. 0.01 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050

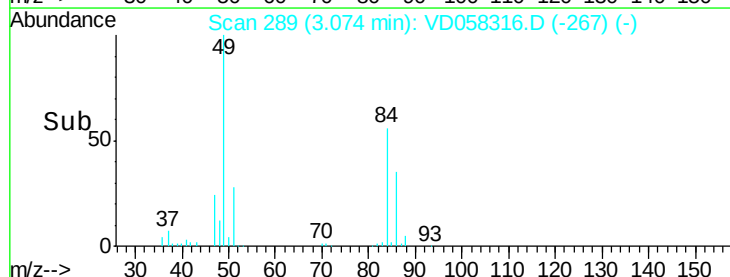
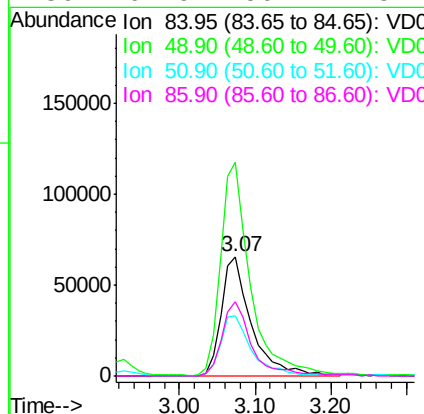
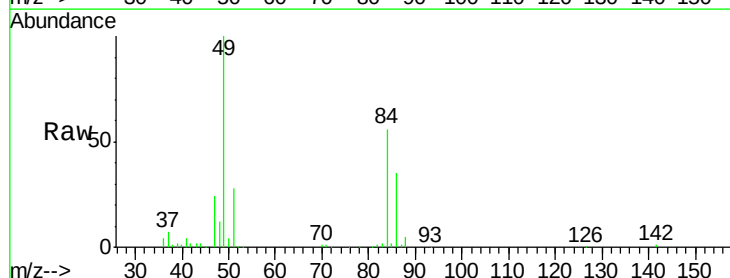
Tot Ion: 73 Resp: 776089  
 Ion Ratio Lower Upper  
 73 100  
 57 20.3 16.6 24.8

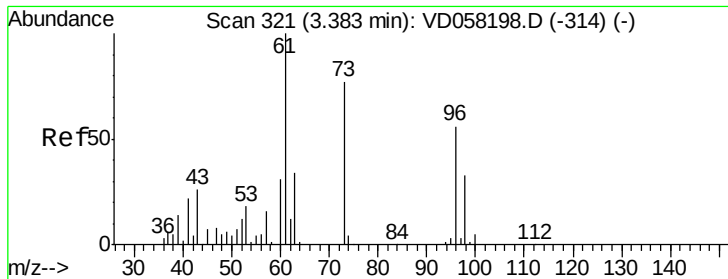


#20

Methylene Chloride  
 Concen: 56.54 ug/l  
 RT: 3.07 min Scan# 289  
 Delta R.T. 0.02 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

Tgt Ion: 84 Resp: 181431  
 Ion Ratio Lower Upper  
 84 100  
 49 179.3 145.0 217.6  
 51 51.1 42.9 64.3  
 86 61.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 81.77 ug/l

RT: 3.40 min Scan# 322

Delta R.T. 0.02 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

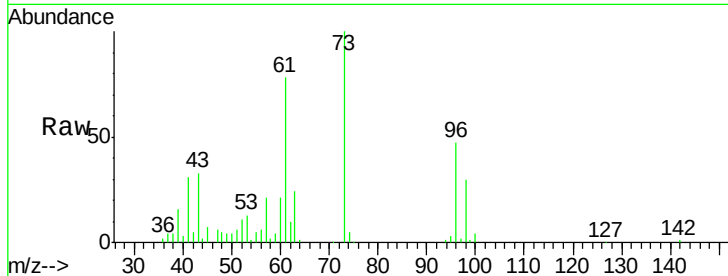
Tot Ion: 96 Resp: 276228

Ion Ratio Lower Upper

96 100

61 167.7 143.8 215.6

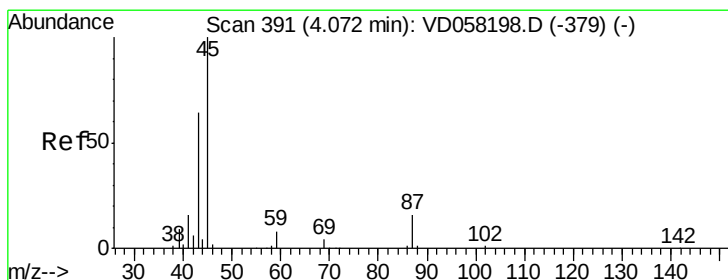
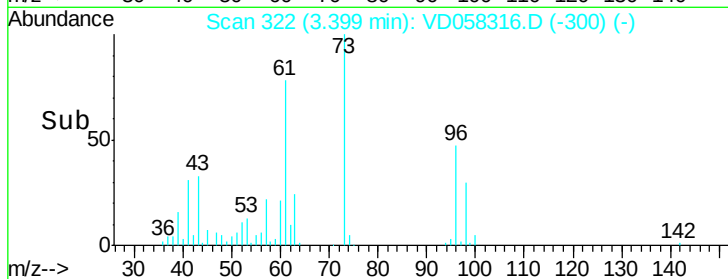
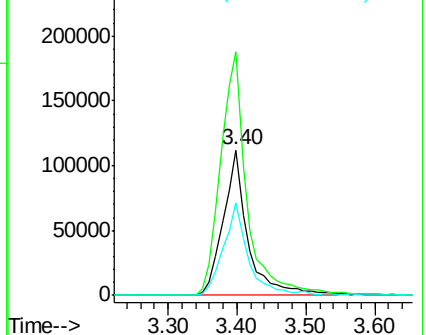
98 63.7 48.0 72.0



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: 50.68 ug/l

RT: 4.08 min Scan# 391

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Tgt Ion: 45 Resp: 1448012

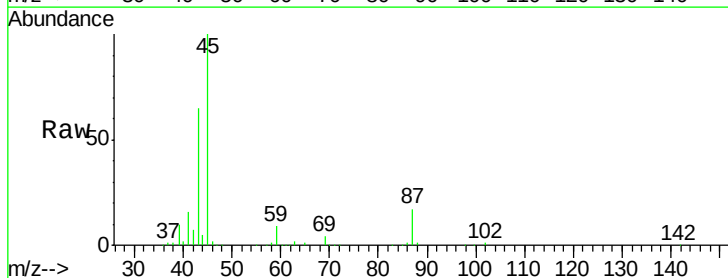
Ion Ratio Lower Upper

45 100

43 65.2 51.4 77.0

87 17.2 13.0 19.4

59 9.3 6.9 10.3

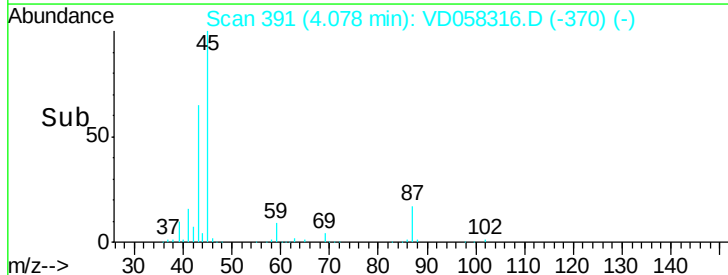
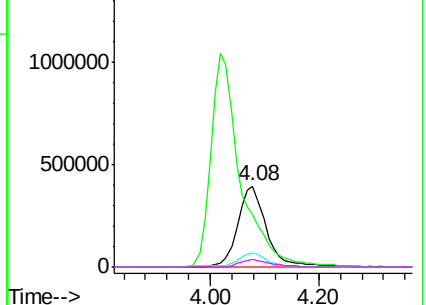


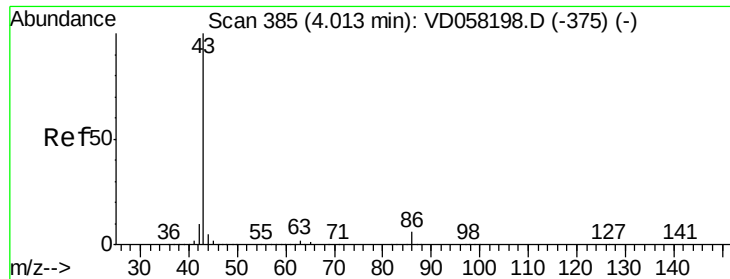
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 255.38 ug/l

RT: 4.02 min Scan# 385

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

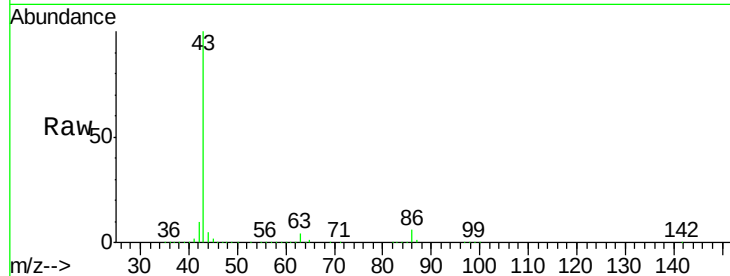
VSTDCCC050

Tot Ion: 43 Resp: 3911766

Ion Ratio Lower Upper

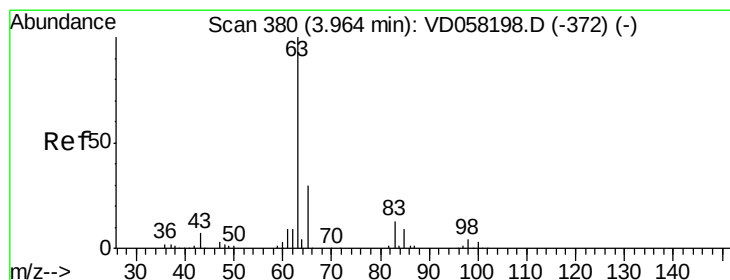
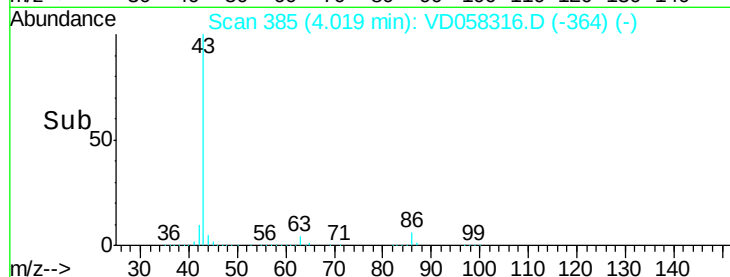
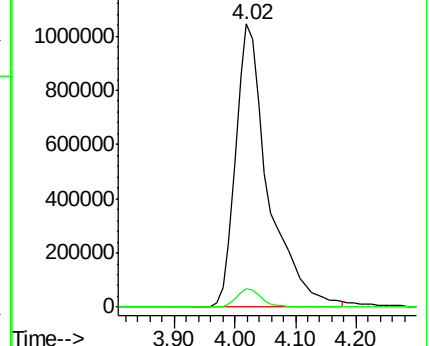
43 100

86 6.4 5.0 7.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.50 ug/l

RT: 3.98 min Scan# 381

Delta R.T. 0.02 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

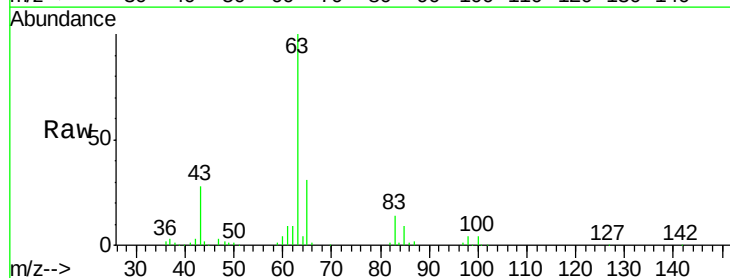
Tgt Ion: 63 Resp: 823526

Ion Ratio Lower Upper

63 100

98 4.3 1.9 5.7

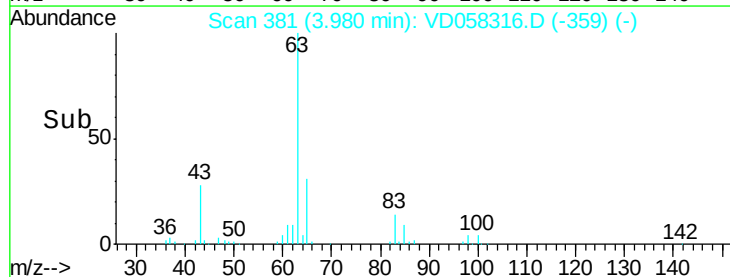
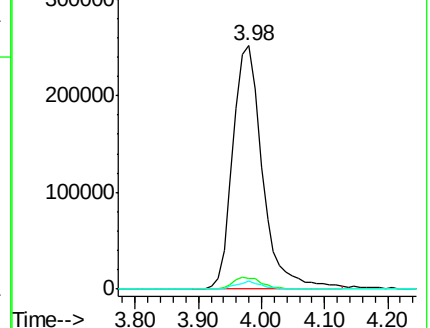
100 3.7 1.3 3.9



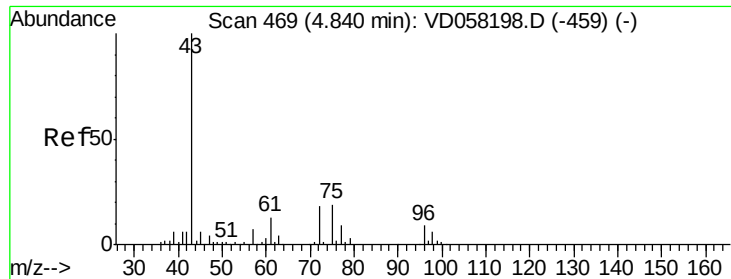
Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC







#25

2-Butanone

Concen: 240.77 ug/l

RT: 4.85 min Scan# 469

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

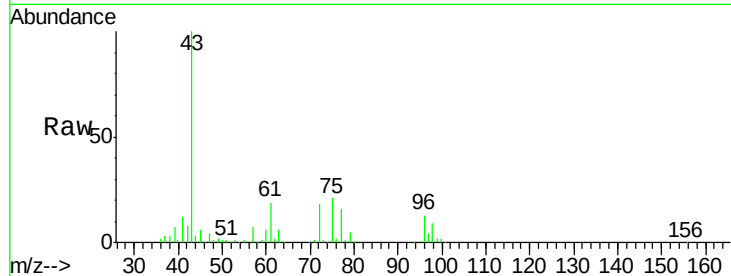
VSTDCCC050

Tot Ion: 43 Resp: 652221

Ion Ratio Lower Upper

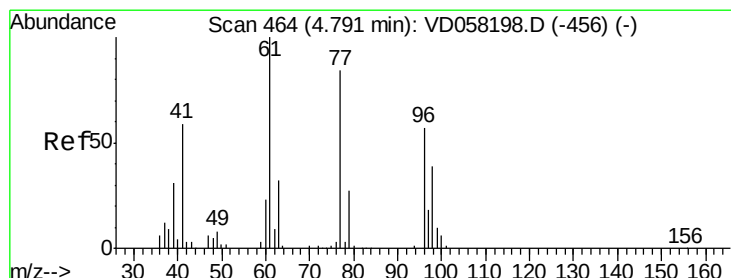
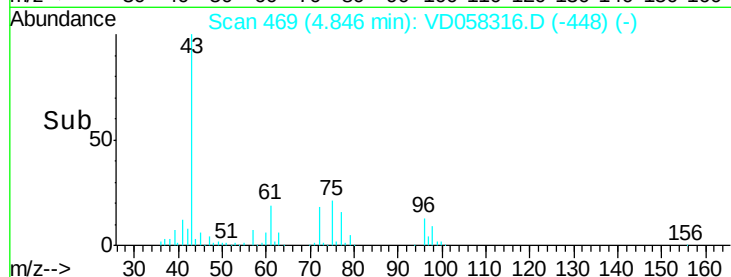
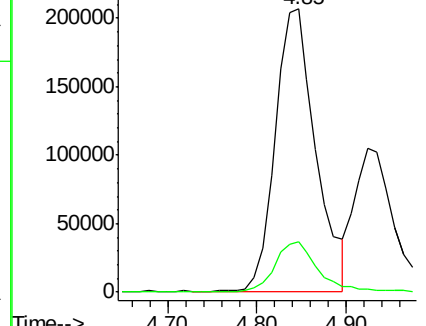
43 100

72 17.9 14.1 21.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.37 ug/l

RT: 4.80 min Scan# 464

Delta R.T. 0.01 min

Lab File: VD058316.D

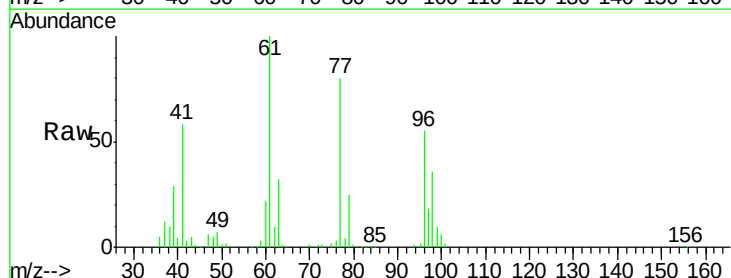
Acq: 23 Jun 2018 1:55

Tgt Ion: 77 Resp: 623467

Ion Ratio Lower Upper

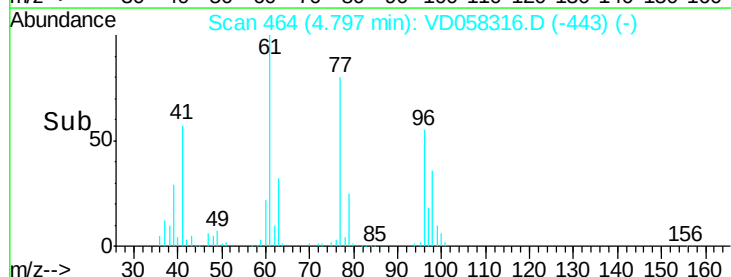
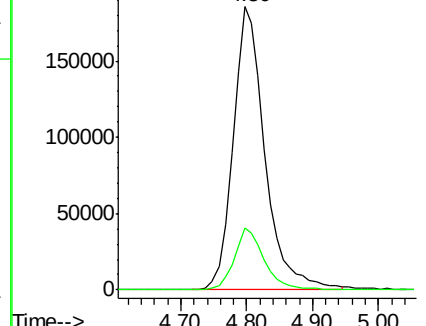
77 100

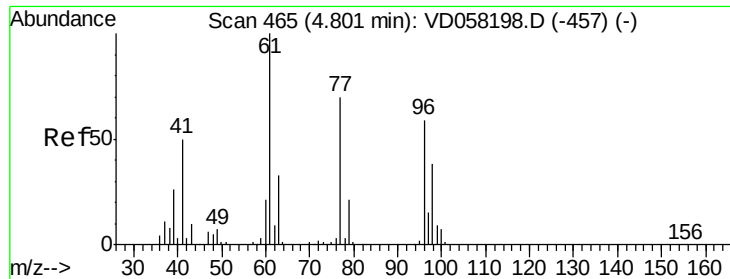
97 22.0 10.5 31.6



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: 53.28 ug/l

RT: 4.81 min Scan# 465

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

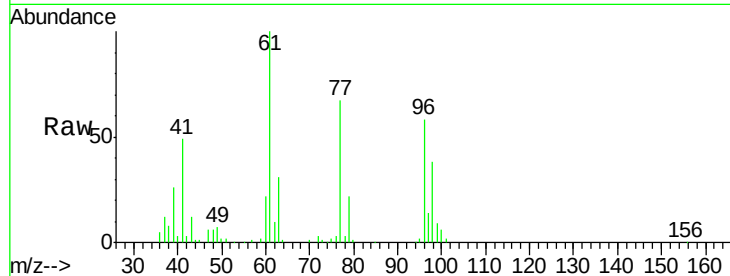
Tot Ion: 96 Resp: 449808

Ion Ratio Lower Upper

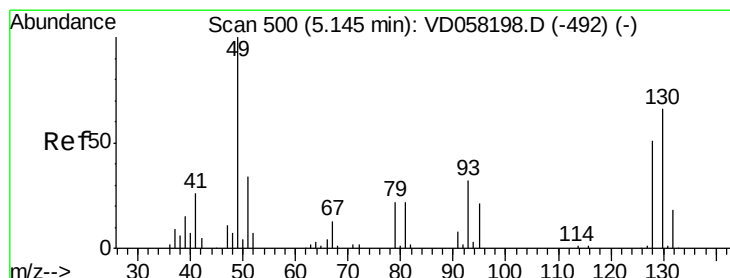
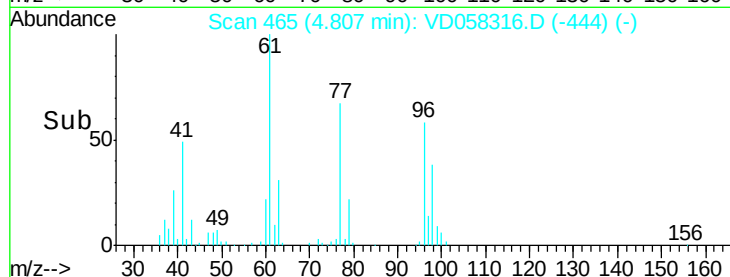
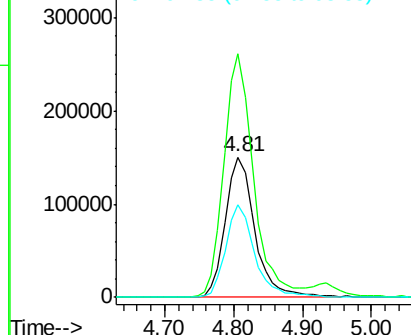
96 100

61 173.6 0.0 338.6

98 65.7 0.0 130.2



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



#28

Bromochloromethane

Concen: 53.69 ug/l

RT: 5.15 min Scan# 500

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

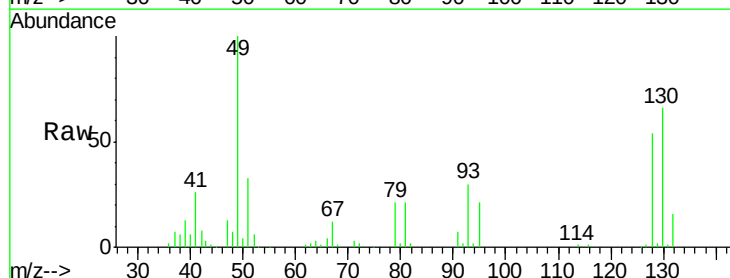
Tgt Ion: 49 Resp: 370493

Ion Ratio Lower Upper

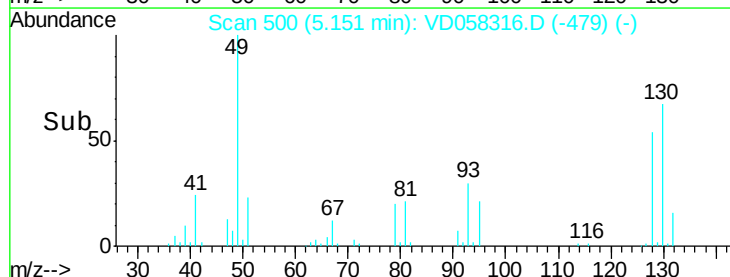
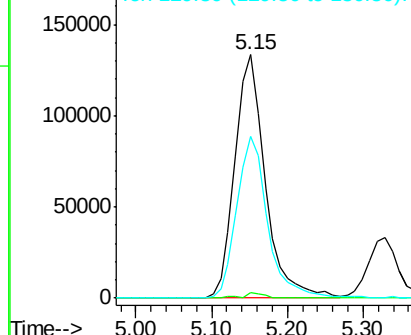
49 100

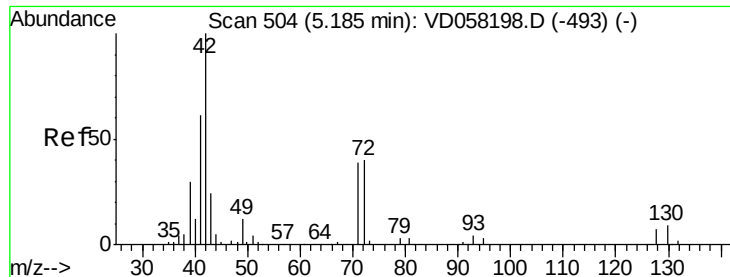
129 2.1 0.0 0.0#

130 66.4 52.6 79.0



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

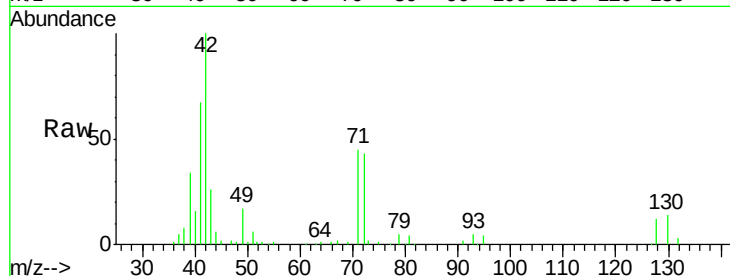




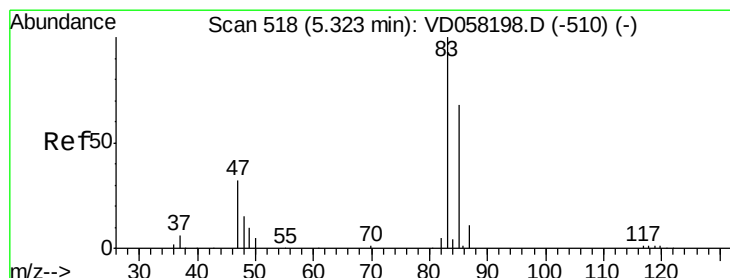
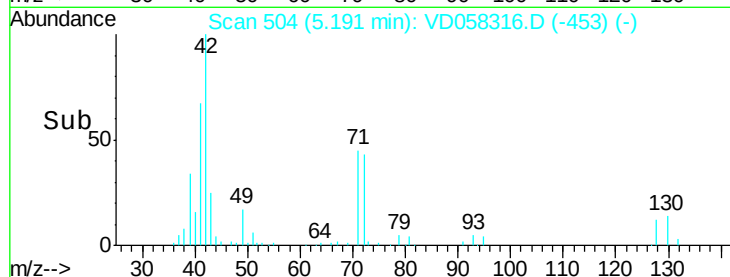
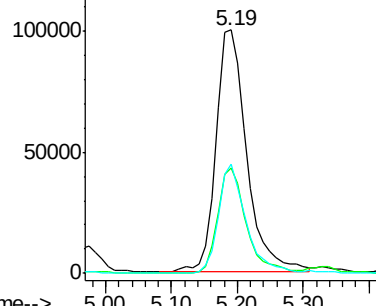
#29  
Tetrahydrofuran  
Concen: 228.25 ug/l  
RT: 5.19 min Scan# 504  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.7  | 30.2  | 45.2  |
| 71      | 40.6  | 30.1  | 45.1  |

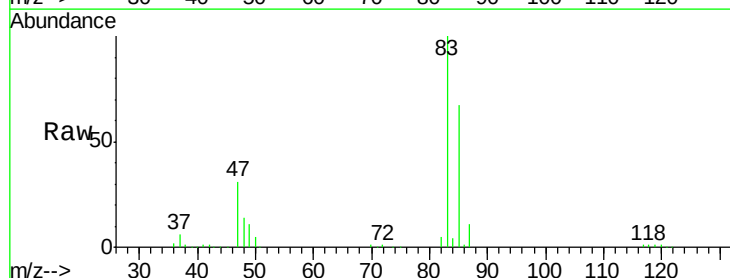


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

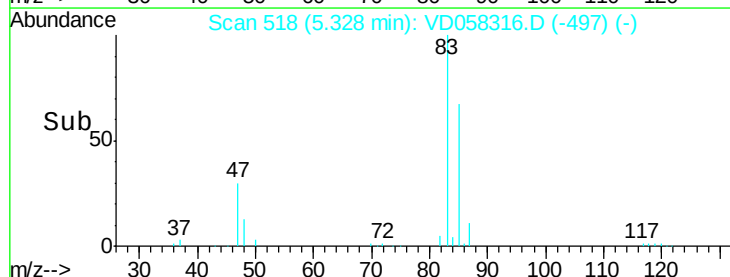
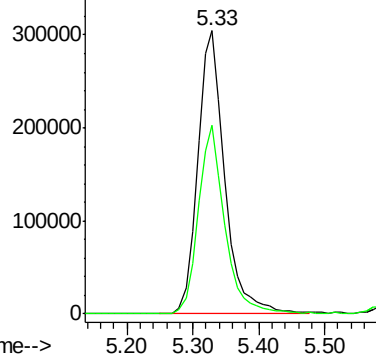


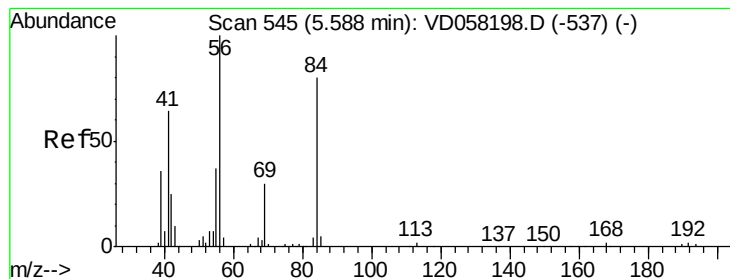
#30  
Chloroform  
Concen: 53.70 ug/l  
RT: 5.33 min Scan# 518  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.6  | 54.8  | 82.2  |



Abundance Ion 82.95 (82.65 to 83.65): VDC  
Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 53.59 ug/l

RT: 5.59 min Scan# 545

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

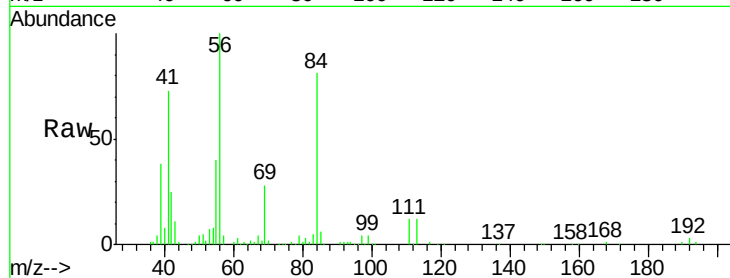
Tot Ion: 56 Resp: 594734

Ion Ratio Lower Upper

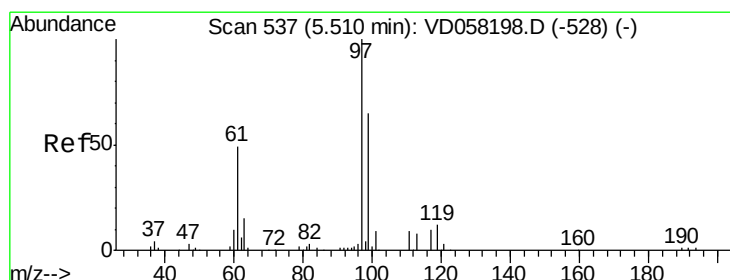
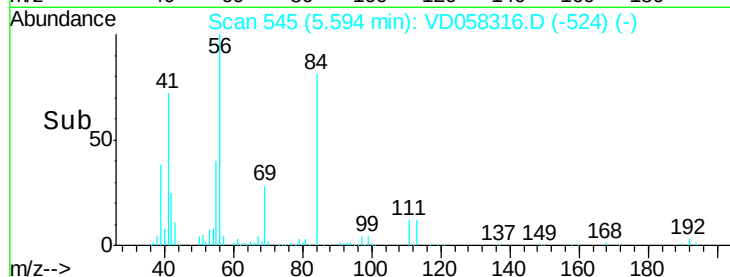
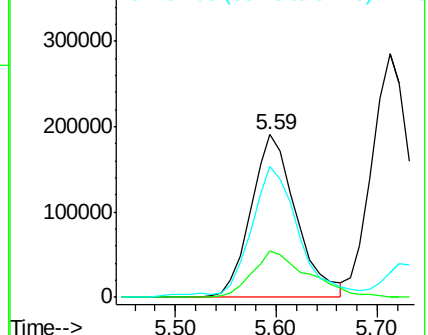
56 100

69 28.3 23.6 35.4

84 80.8 65.2 97.8



Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 53.97 ug/l

RT: 5.52 min Scan# 537

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

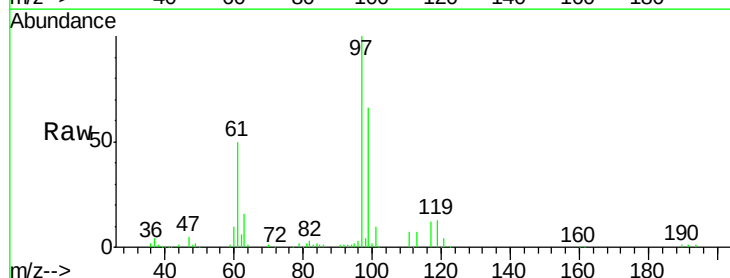
Tgt Ion: 97 Resp: 724692

Ion Ratio Lower Upper

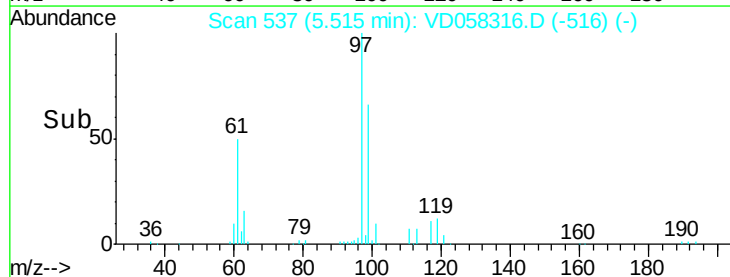
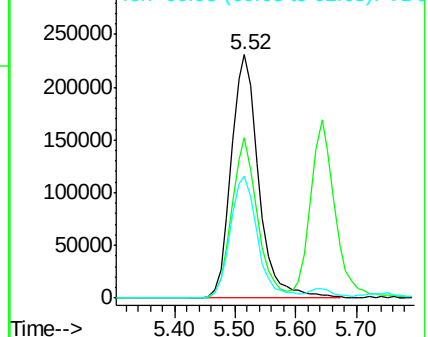
97 100

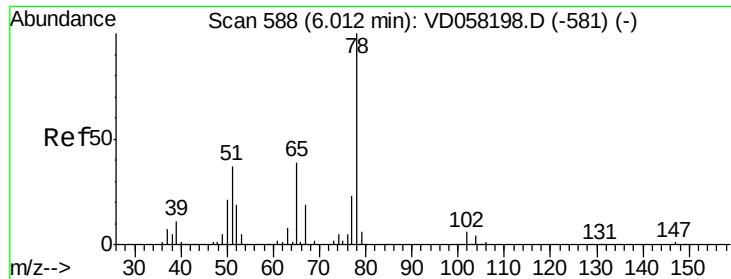
99 65.9 52.2 78.4

61 50.3 39.0 58.4



Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 98.85 (98.55 to 99.55): VDC  
Ion 60.95 (60.65 to 61.65): VDC

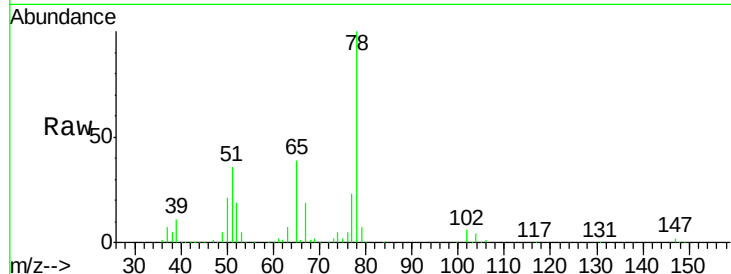




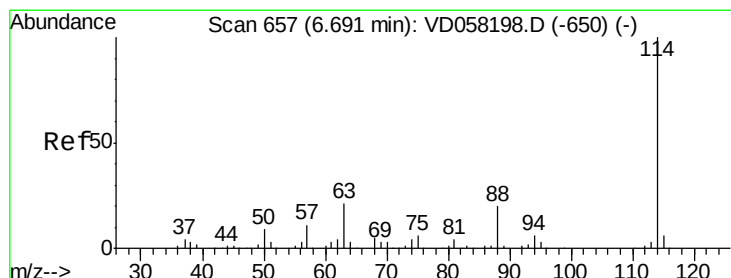
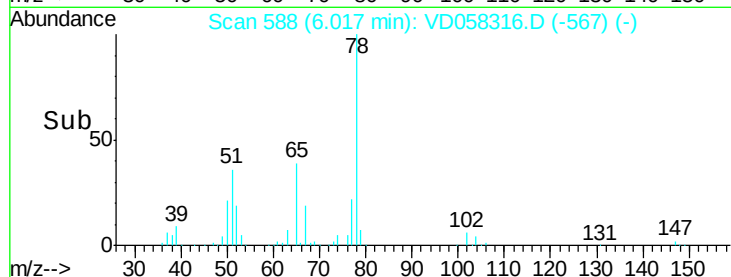
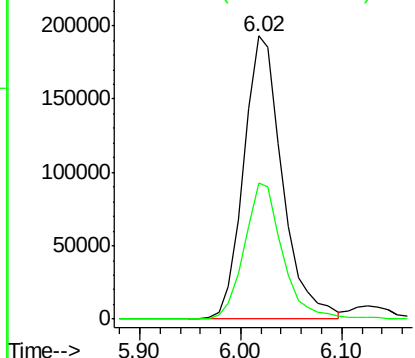
#33  
 1,2-Dichloroethane-d4  
 Concen: 53.97 ug/l  
 RT: 6.02 min Scan# 588  
 Delta R.T. 0.01 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 65 Resp: 514945  
 Ion Ratio Lower Upper  
 65 100  
 67 48.0 0.0 97.8

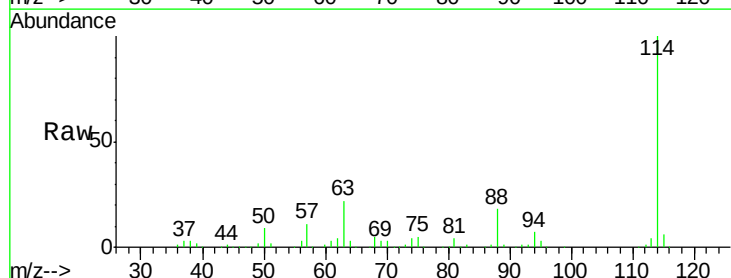


Abundance Ion 64.95 (64.65 to 65.65): VDC  
 Ion 66.90 (66.60 to 67.60): VDC

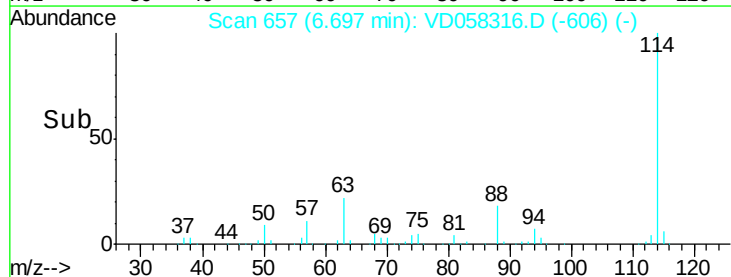
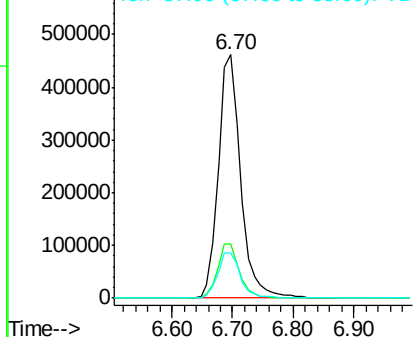


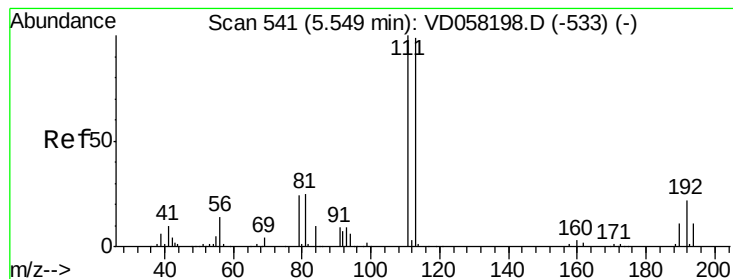
#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.70 min Scan# 657  
 Delta R.T. 0.01 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

Tgt Ion: 114 Resp: 1183419  
 Ion Ratio Lower Upper  
 114 100  
 63 22.1 0.0 42.6  
 88 18.3 0.0 40.6



Abundance Ion 114.00 (113.70 to 114.70): VDC  
 Ion 62.95 (62.65 to 63.65): VDC  
 Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

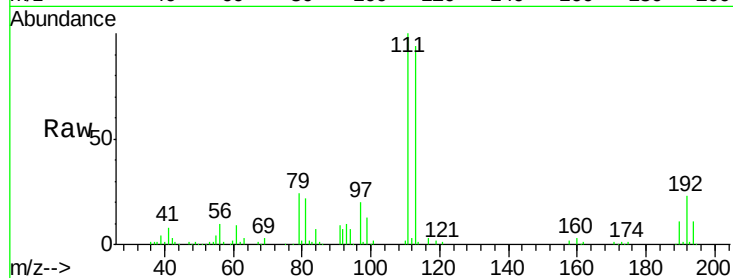
Tot Ion:113 Resp: 522255

Ion Ratio Lower Upper

113 100

111 106.1 80.6 121.0

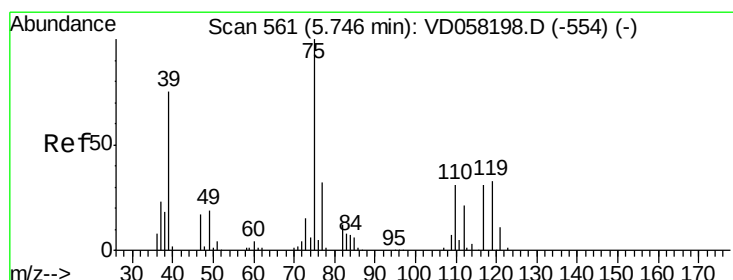
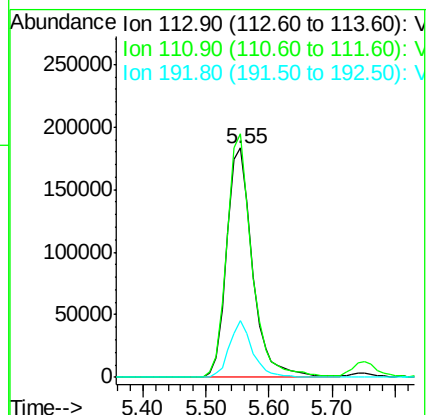
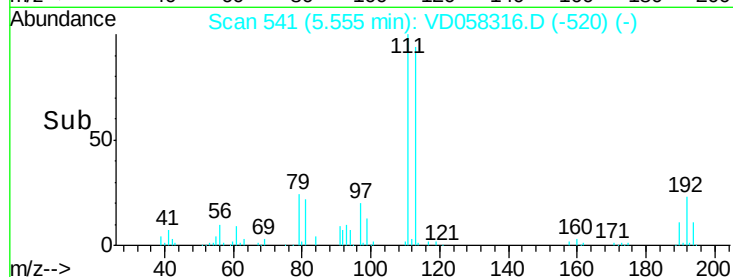
192 24.6 17.8 26.6



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: 50.09 ug/l

RT: 5.75 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

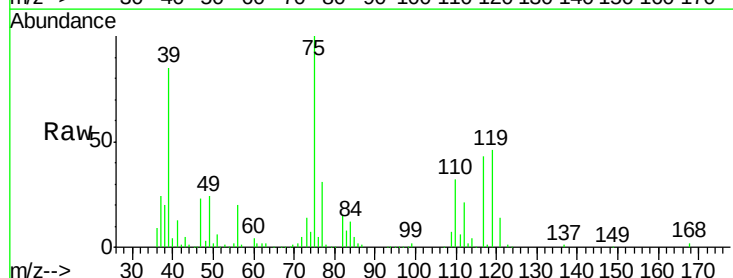
Tgt Ion: 75 Resp: 586403

Ion Ratio Lower Upper

75 100

110 32.1 15.4 46.4

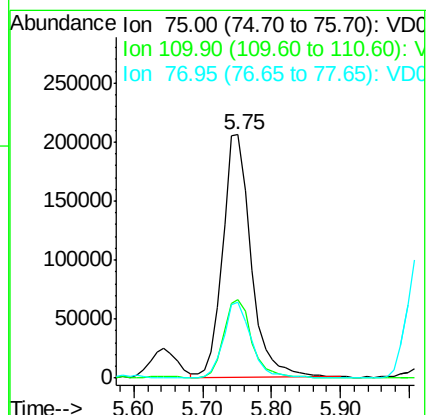
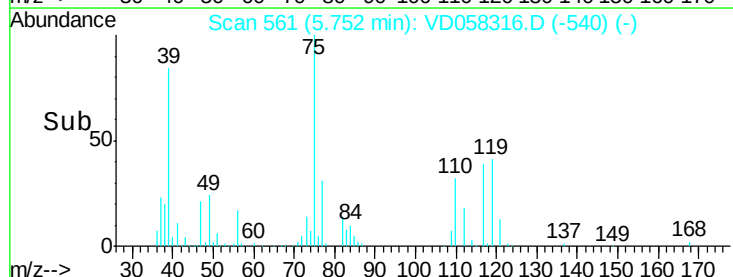
77 31.4 25.4 38.2

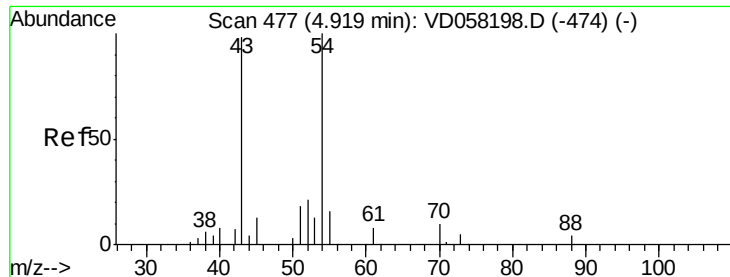


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

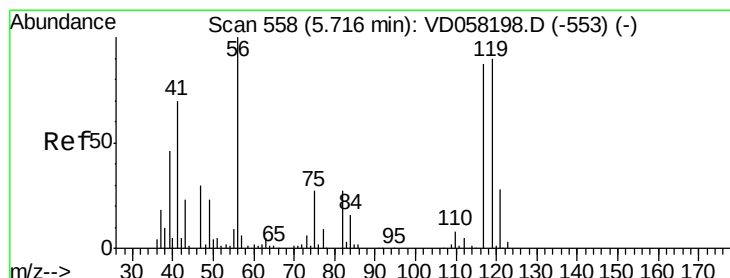
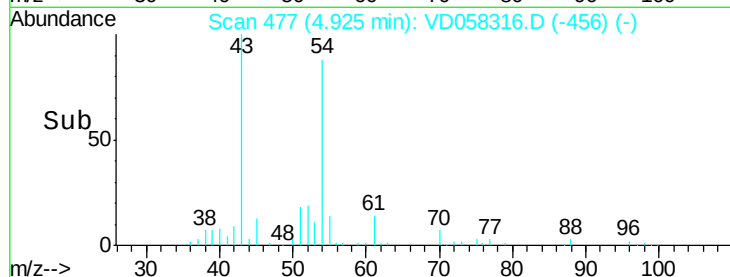
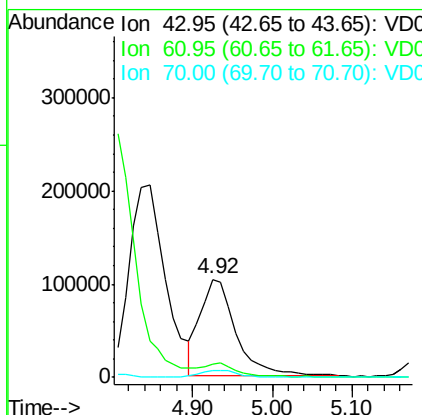
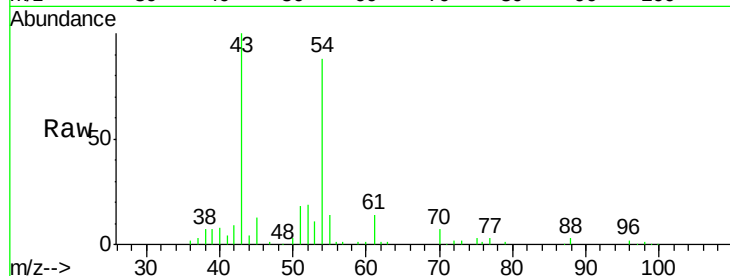




#37  
Ethyl Acetate  
Concen: 48.73 ug/l  
RT: 4.92 min Scan# 477  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

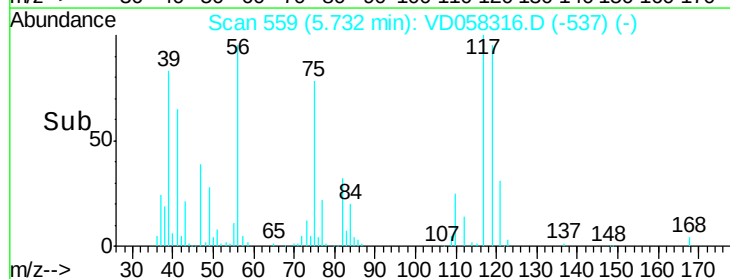
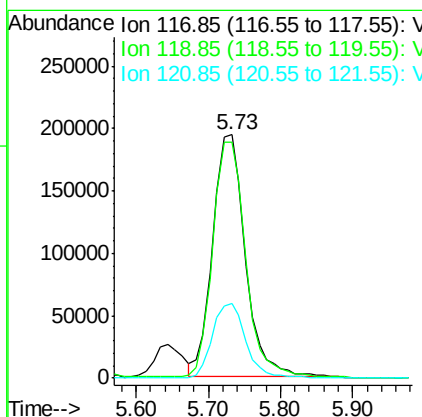
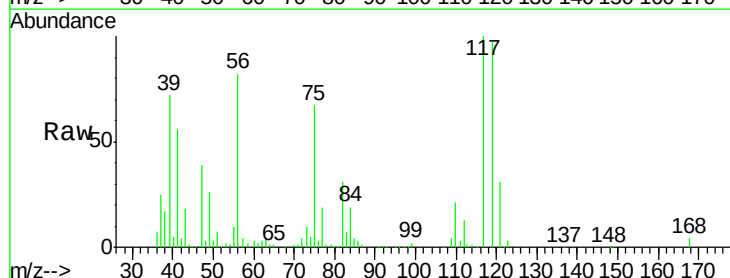
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

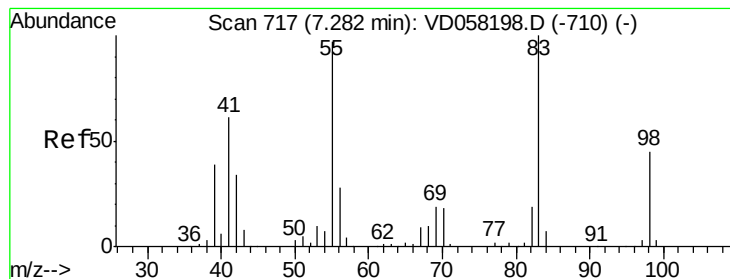
Tot Ion: 43 Resp: 325027  
Ion Ratio Lower Upper  
43 100  
61 14.0 10.3 15.5  
70 7.1 5.7 8.5



#38  
Carbon Tetrachloride  
Concen: 52.21 ug/l  
RT: 5.73 min Scan# 559  
Delta R.T. 0.02 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion: 117 Resp: 607360  
Ion Ratio Lower Upper  
117 100  
119 96.8 78.8 118.2  
121 30.8 25.0 37.6





#39

Methylvlcyclohexane

Concen: 48.97 ug/l

RT: 7.29 min Scan# 717

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

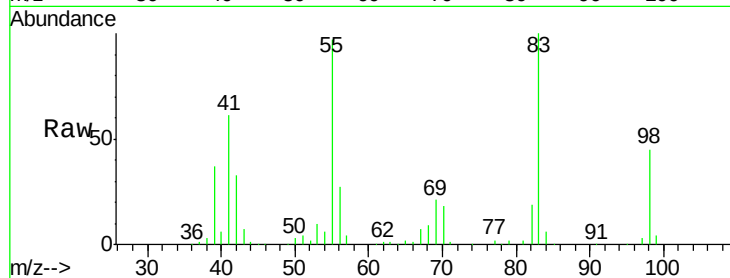
Tot Ion: 83 Resp: 558409

Ion Ratio Lower Upper

83 100

55 97.2 77.4 116.2

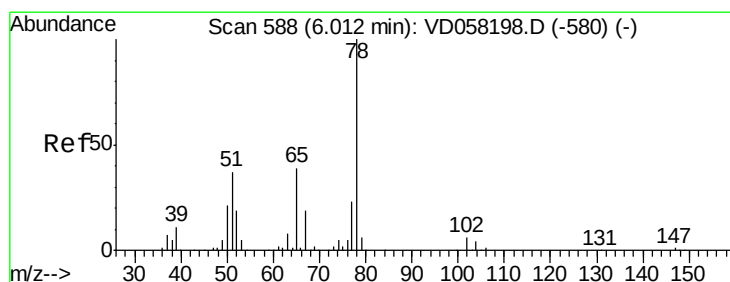
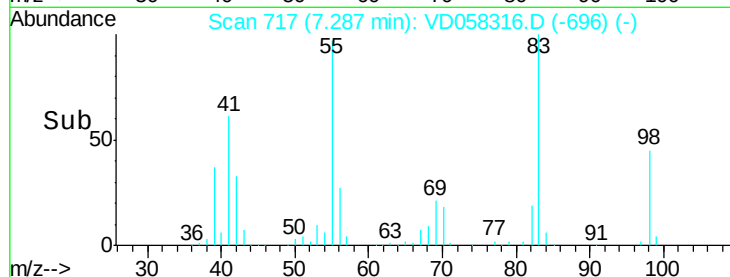
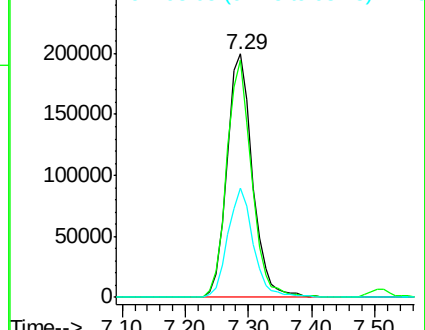
98 44.6 35.9 53.9



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: 50.81 ug/l

RT: 6.02 min Scan# 588

Delta R.T. 0.01 min

Lab File: VD058316.D

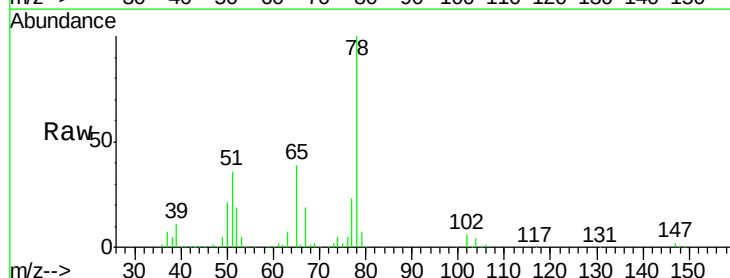
Acq: 23 Jun 2018 1:55

Tgt Ion: 78 Resp: 1416829

Ion Ratio Lower Upper

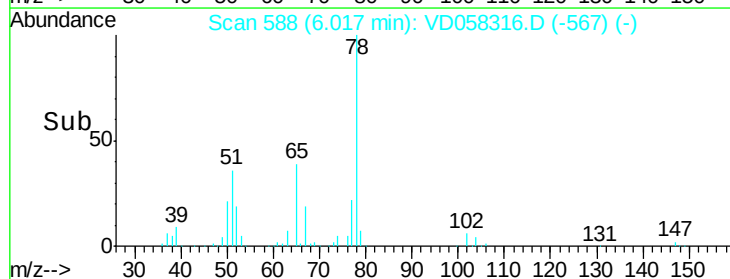
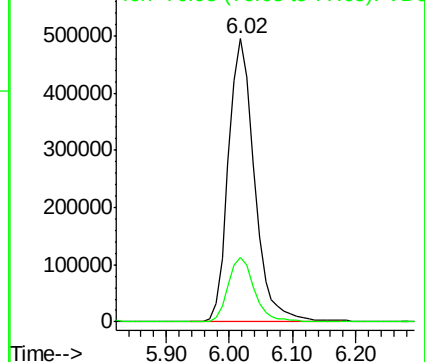
78 100

77 23.0 18.5 27.7

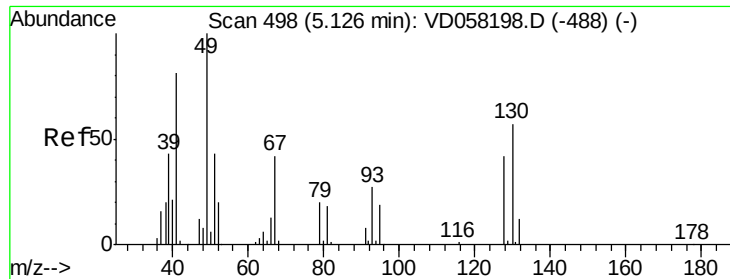


Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



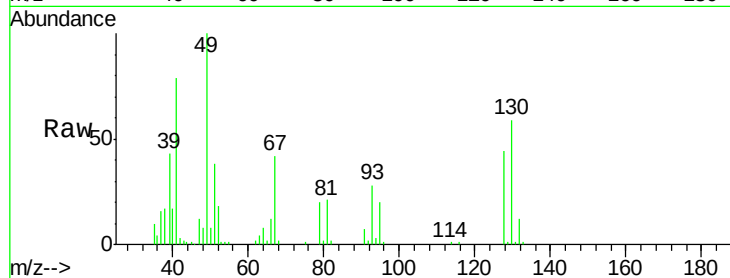




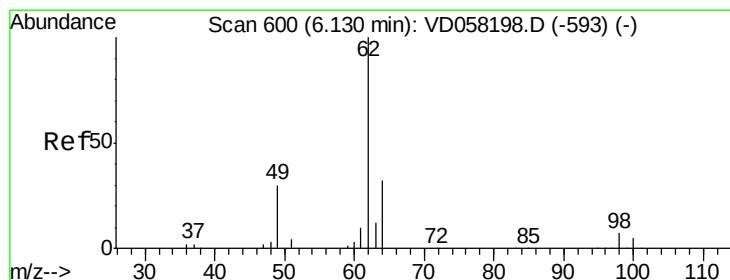
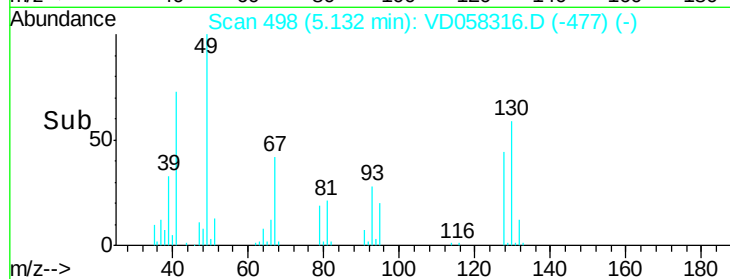
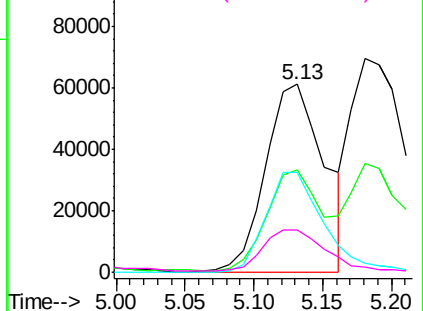
#41  
Methacrylonitrile  
Concen: 56.31 ug/l  
RT: 5.13 min Scan# 498  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 181385 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 54.5  | 43.4  | 65.2   |
| 67       | 53.3  | 41.7  | 62.5   |
| 52       | 22.9  | 20.6  | 30.8   |

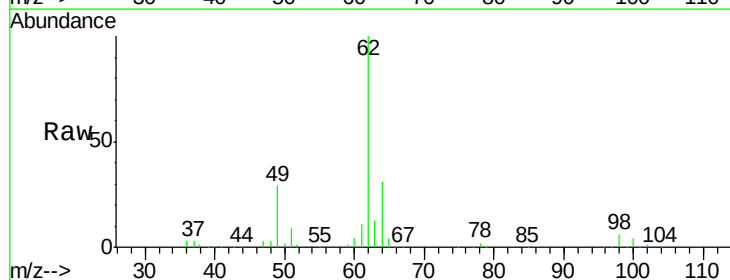


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

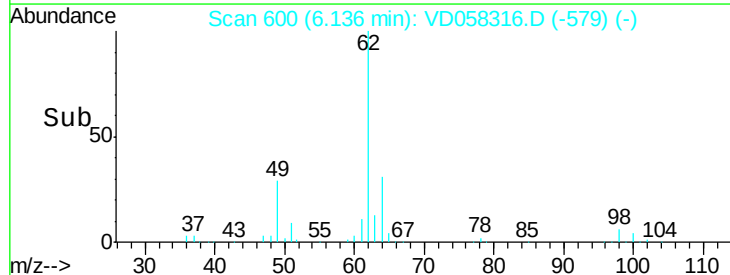
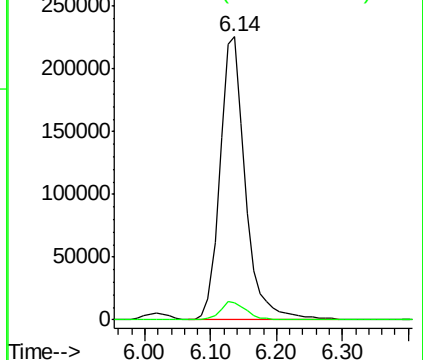


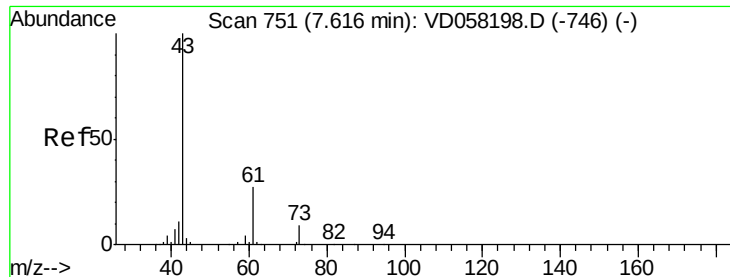
#42  
1,2-Dichloroethane  
Concen: 53.47 ug/l  
RT: 6.14 min Scan# 600  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 601307 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 6.1   | 0.0   | 13.2   |



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





#43

Isopropyl Acetate

Concen: 49.06 ug/l

RT: 7.62 min Scan# 751

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

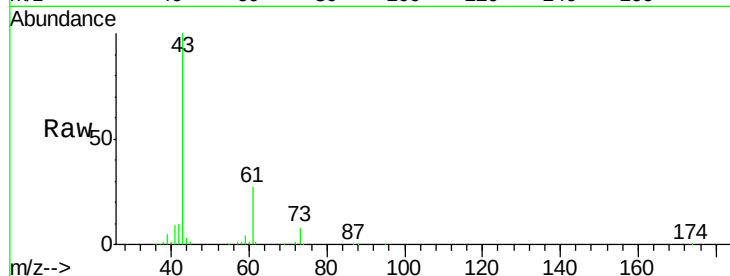
Tot Ion: 43 Resp: 436255

Ion Ratio Lower Upper

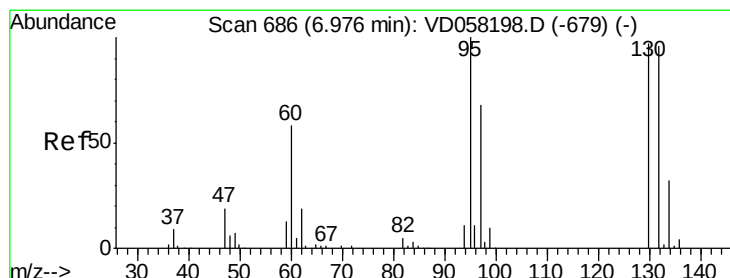
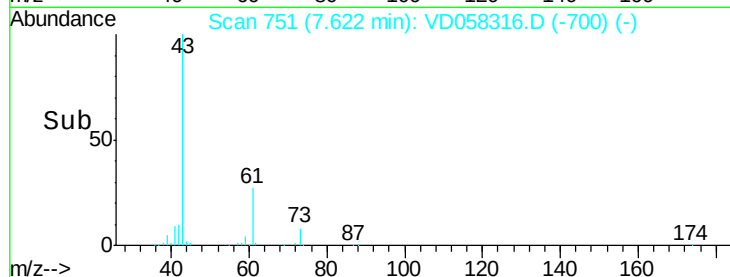
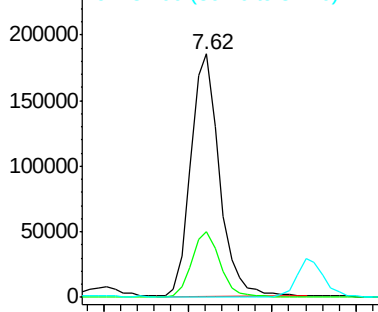
43 100

61 27.0 21.8 32.6

87 0.3 0.3 0.5#



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: 50.86 ug/l

RT: 6.98 min Scan# 686

Delta R.T. 0.01 min

Lab File: VD058316.D

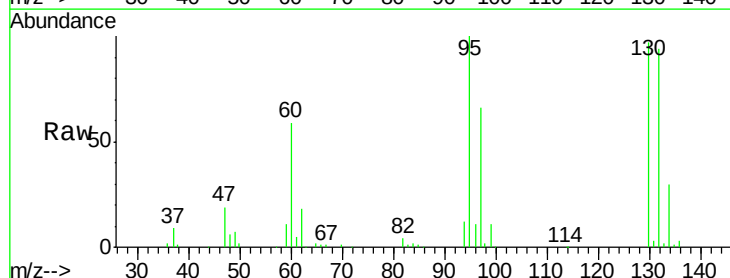
Acq: 23 Jun 2018 1:55

Tgt Ion:130 Resp: 425909

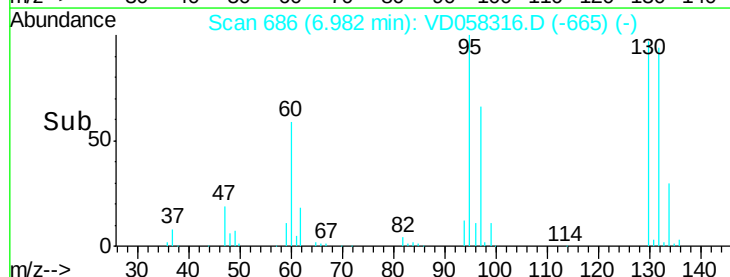
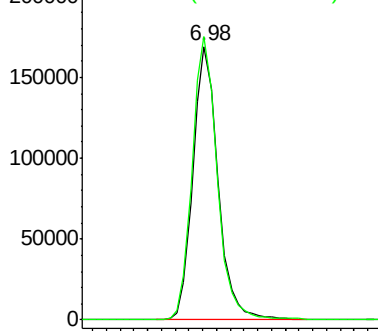
Ion Ratio Lower Upper

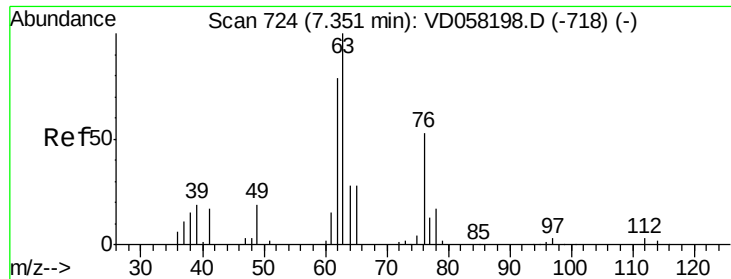
130 100

95 103.4 0.0 205.6



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





#45

1,2-Dichloropropane

Concen: 52.59 ug/l

RT: 7.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

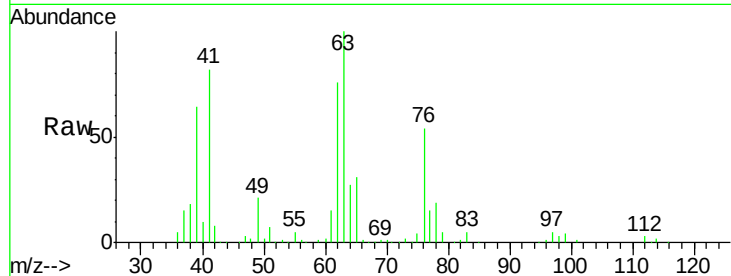
VSTDCCC050

Tot Ion: 63 Resp: 394957

Ion Ratio Lower Upper

63 100

65 30.6 24.0 36.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

7.35

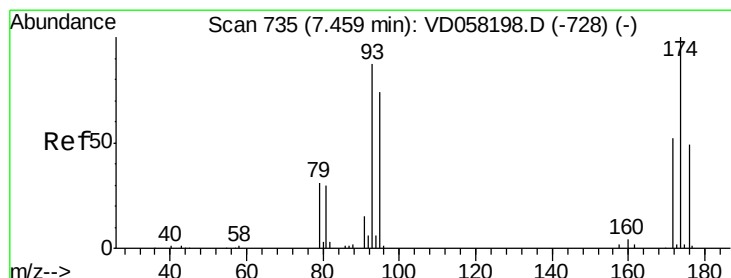
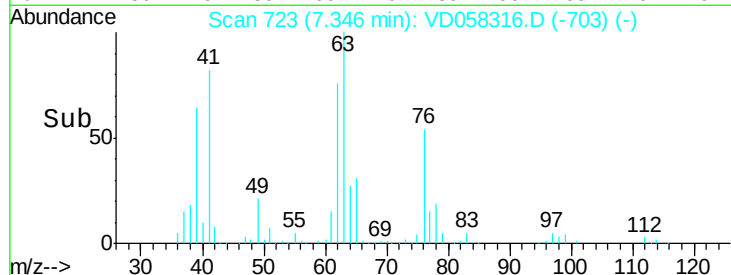
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 50.22 ug/l

RT: 7.46 min Scan# 735

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

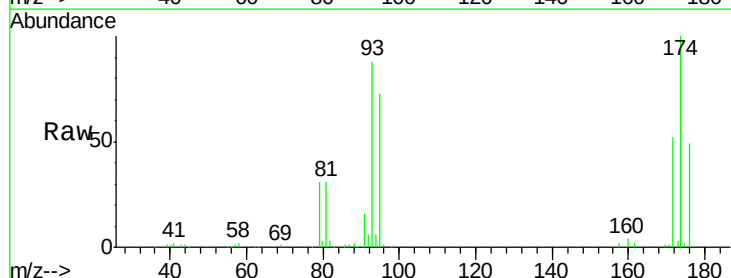
Tgt Ion: 93 Resp: 257507

Ion Ratio Lower Upper

93 100

95 82.9 67.8 101.6

174 113.1 92.2 138.2



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): V

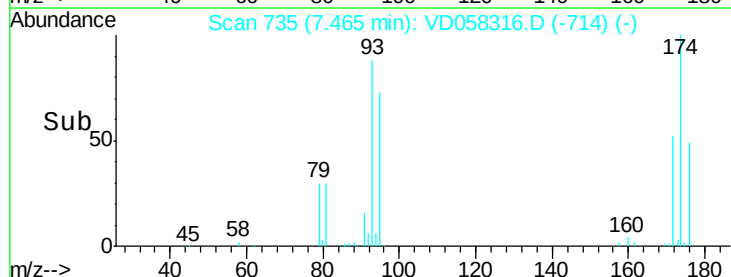
150000

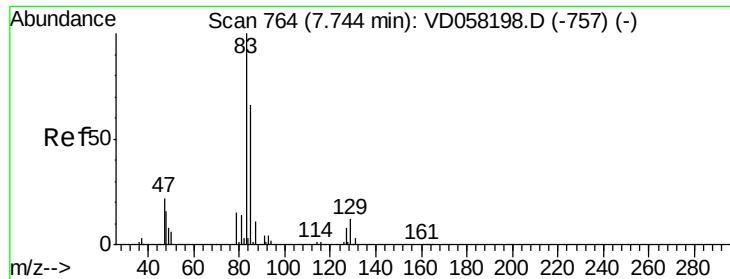
100000

50000

0

Time-->

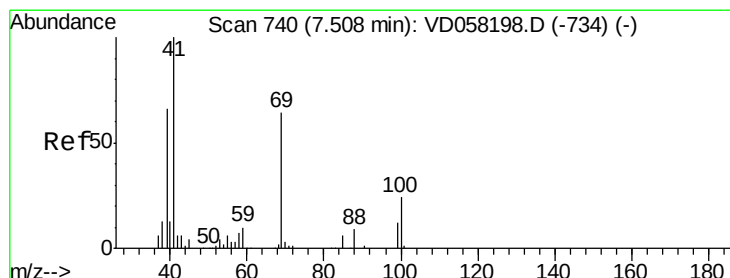
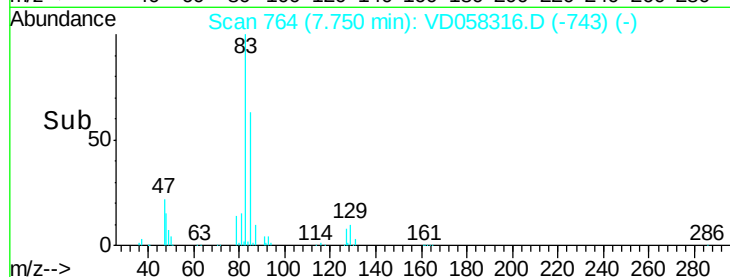
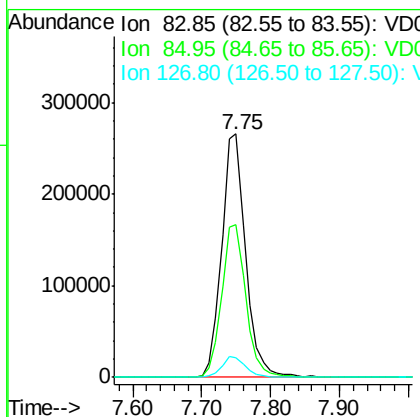
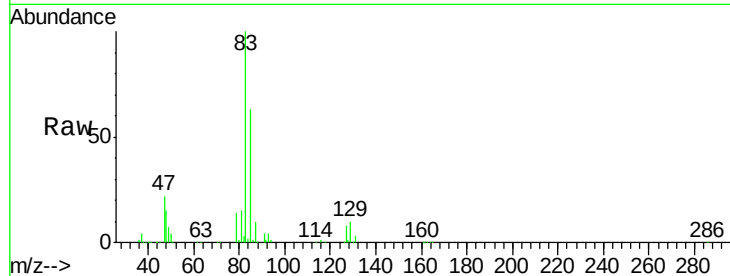




#47  
Bromodichloromethane  
Concen: 54.66 ug/l  
RT: 7.75 min Scan# 764  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

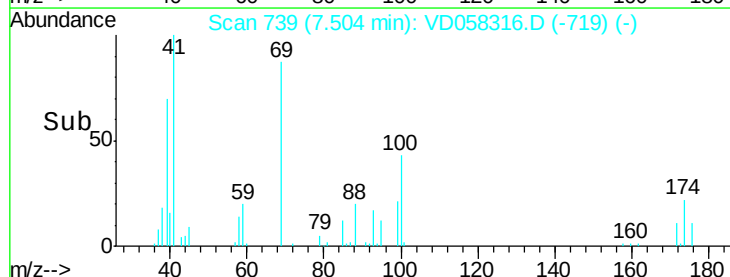
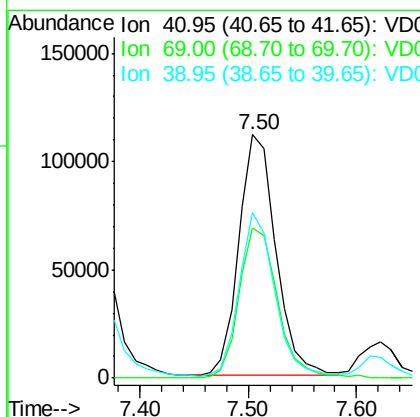
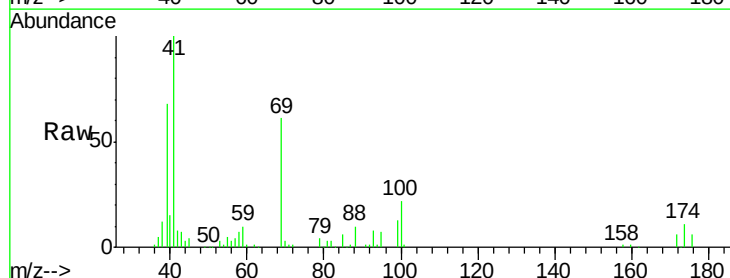
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

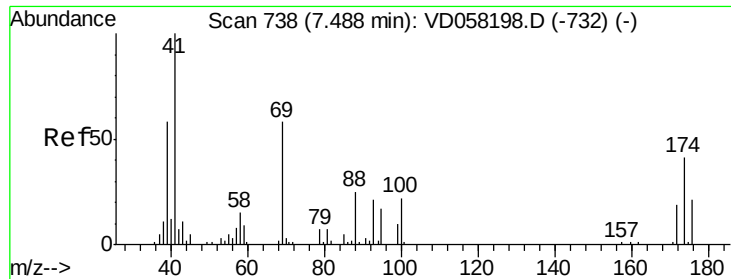
Tot Ion: 83 Resp: 639093  
Ion Ratio Lower Upper  
83 100  
85 62.9 52.6 78.8  
127 8.3 6.2 9.4



#48  
Methyl methacrylate  
Concen: 49.30 ug/l  
RT: 7.50 min Scan# 739  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion: 41 Resp: 266450  
Ion Ratio Lower Upper  
41 100  
69 61.4 50.7 76.1  
39 68.0 52.6 78.8

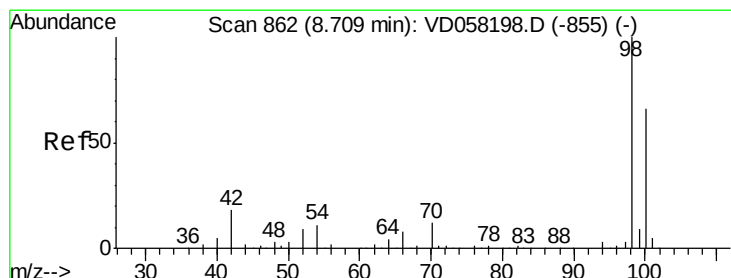
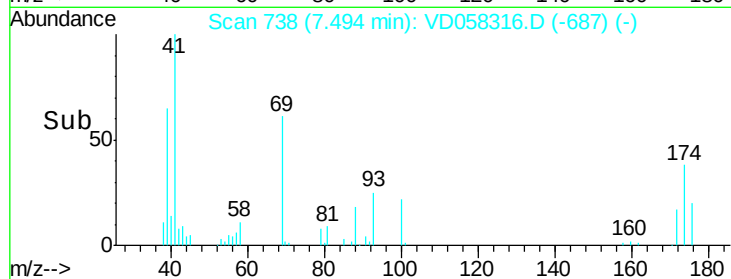
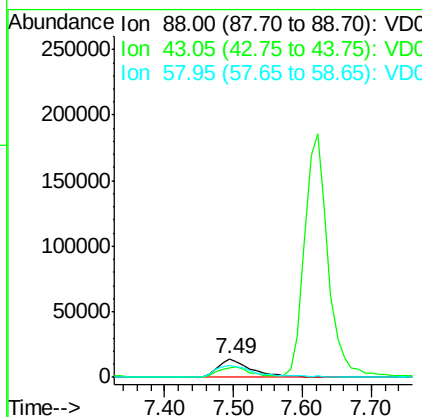
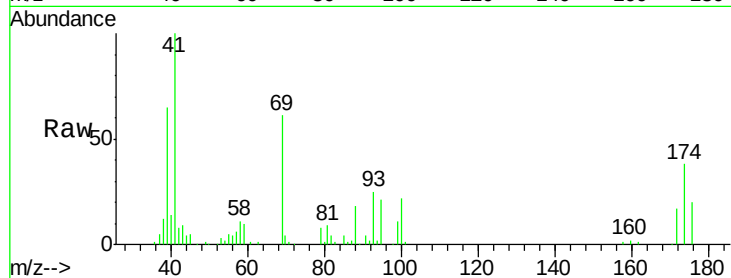




#49  
1,4-Dioxane  
Concen: 1003.09 ug/l  
RT: 7.49 min Scan# 738  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

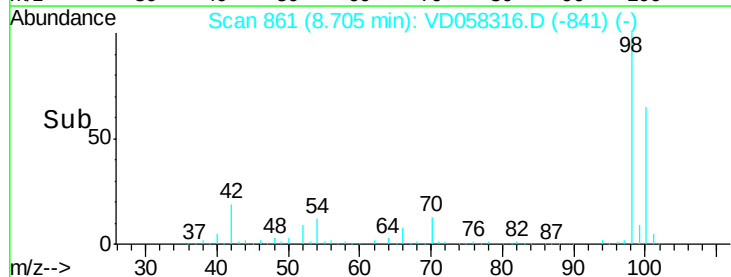
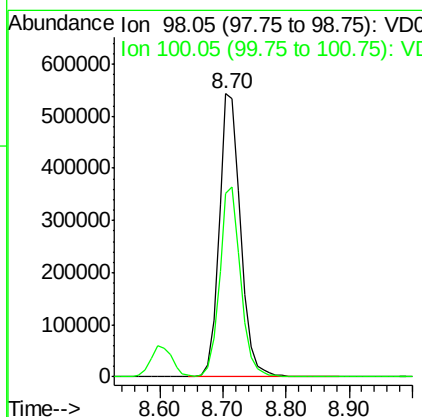
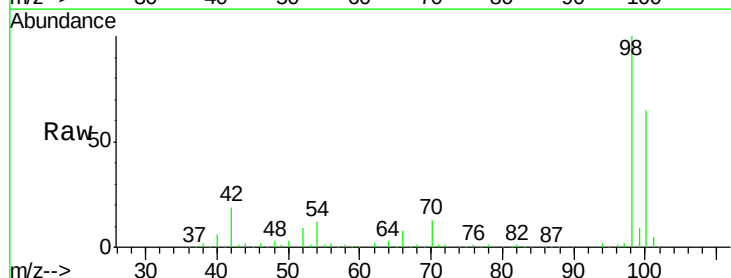
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

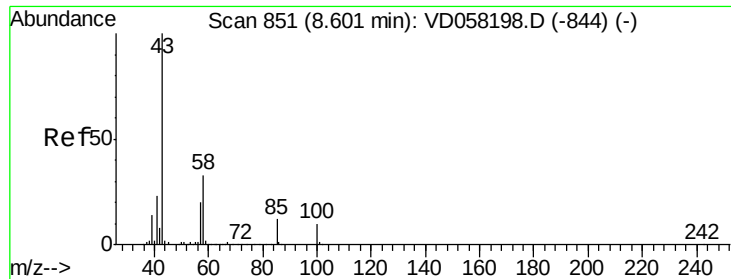
Tot Ion: 88 Resp: 48939  
Ion Ratio Lower Upper  
88 100  
43 51.1 34.2 51.2  
58 63.3 47.9 71.9



#50  
Toluene-d8  
Concen: 1003.09 ug/l  
RT: 8.70 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion: 98 Resp: 1282033  
Ion Ratio Lower Upper  
98 100  
100 65.0 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 257.90 ug/l

RT: 8.60 min Scan# 850

Delta R.T. -0.00 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

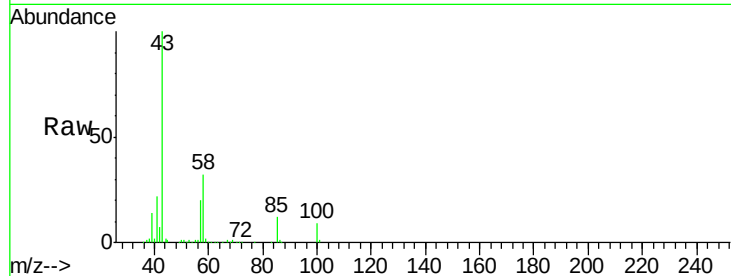
VSTDCCC050

Tot Ion: 43 Resp: 1495980

Ion Ratio Lower Upper

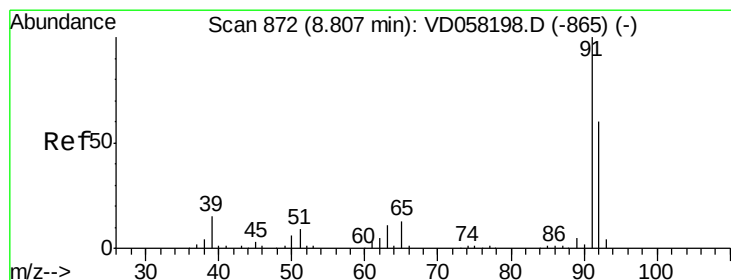
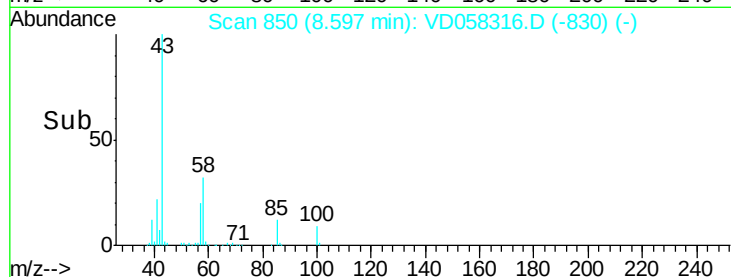
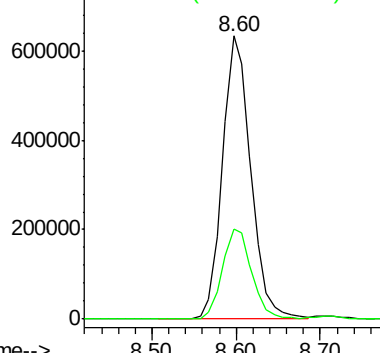
43 100

58 31.6 26.7 40.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 50.07 ug/l

RT: 8.80 min Scan# 871

Delta R.T. -0.00 min

Lab File: VD058316.D

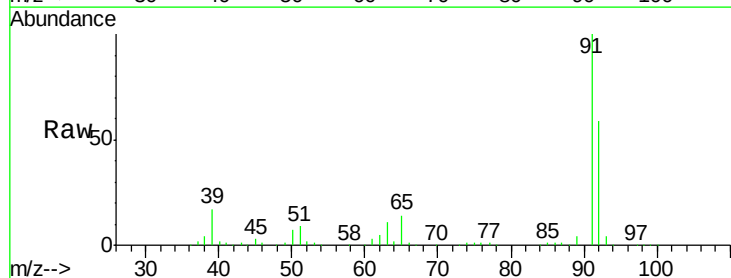
Acq: 23 Jun 2018 1:55

Tgt Ion: 92 Resp: 795154

Ion Ratio Lower Upper

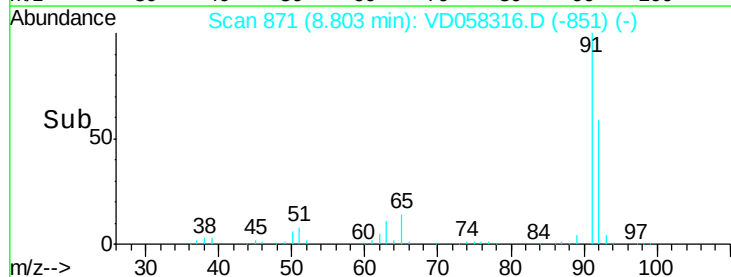
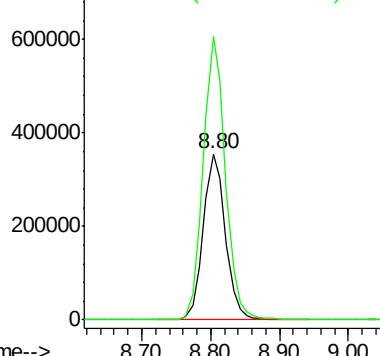
92 100

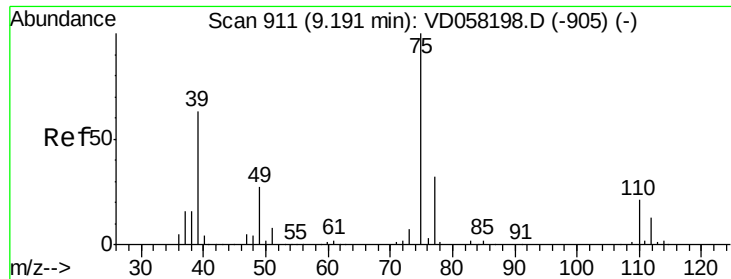
91 170.3 133.2 199.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

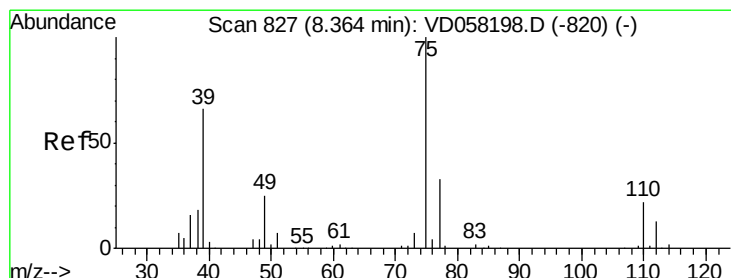
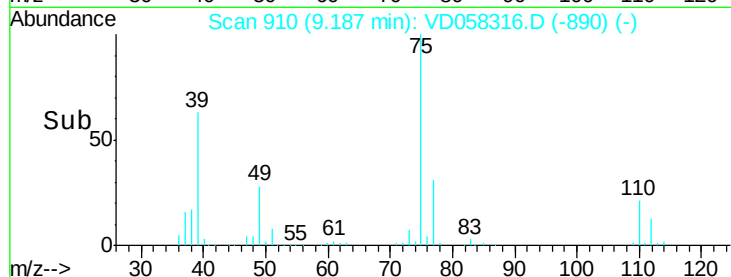
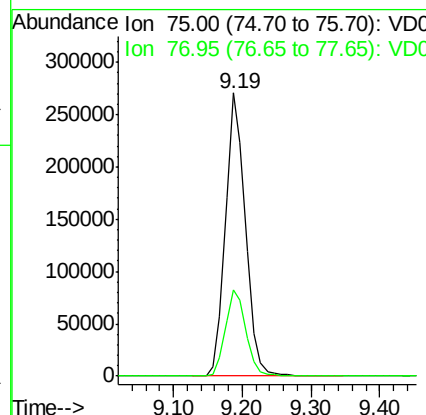
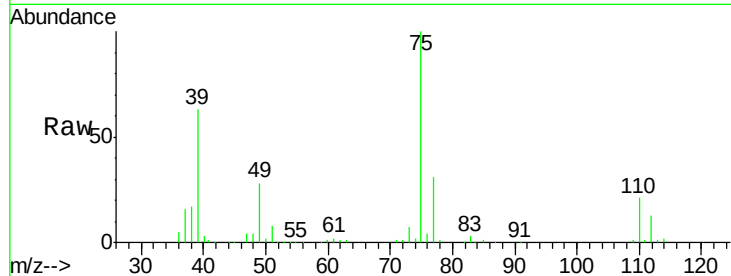




#53  
 t-1,3-Dichloropropene  
 Concen: 53.22 ug/l  
 RT: 9.19 min Scan# 910  
 Delta R.T. -0.00 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

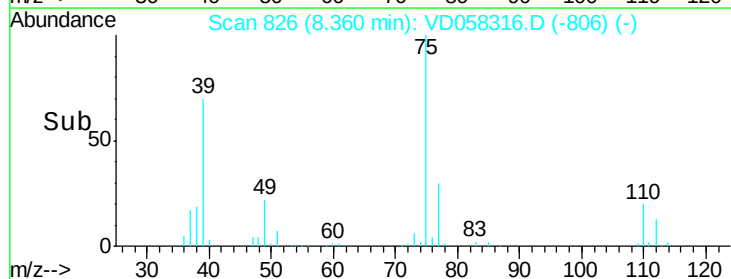
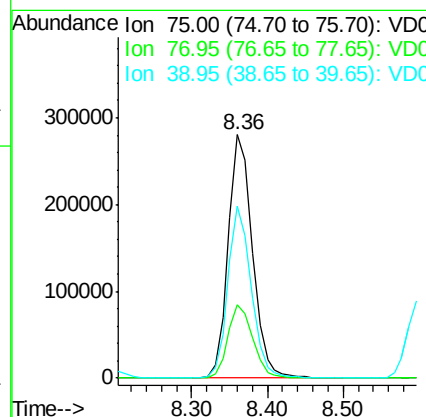
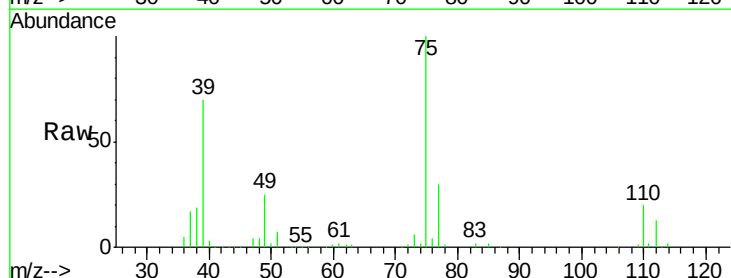
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

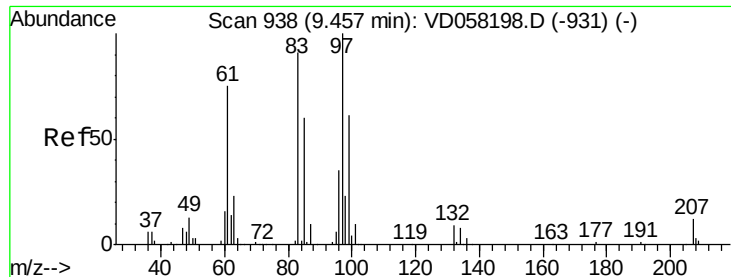
Tot Ion: 75 Resp: 540997  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.22 ug/l  
 RT: 8.36 min Scan# 826  
 Delta R.T. -0.00 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

Tgt Ion: 75 Resp: 622307  
 Ion Ratio Lower Upper  
 75 100  
 77 30.1 26.5 39.7  
 39 70.4 52.9 79.3





#55

1,1,2-Trichloroethane

Concen: 49.61 ug/l

RT: 9.45 min Scan# 937

Delta R.T. -0.00 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 278714

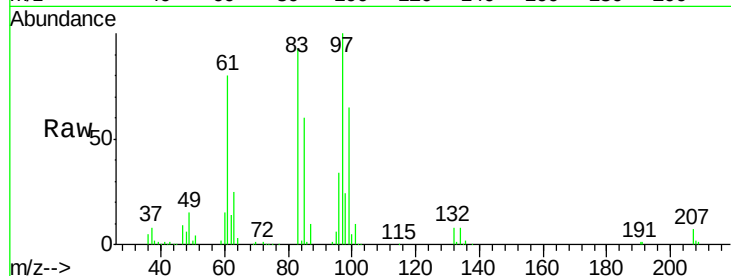
Ion Ratio Lower Upper

97 100

83 93.0 72.9 109.3

85 60.2 48.2 72.4

99 65.3 48.9 73.3

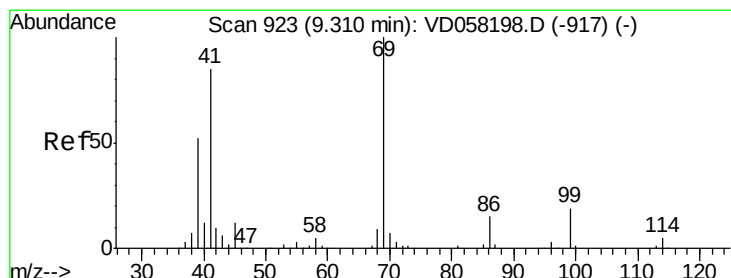
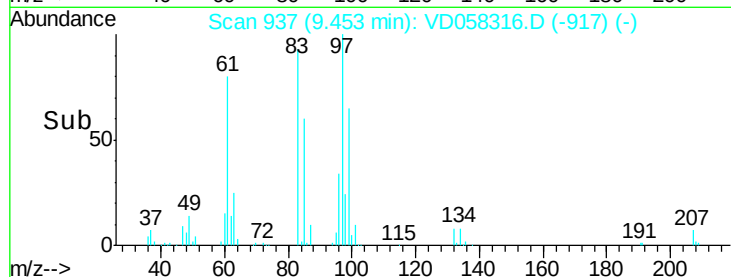
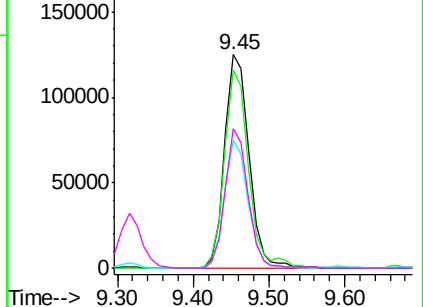


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 50.10 ug/l

RT: 9.32 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

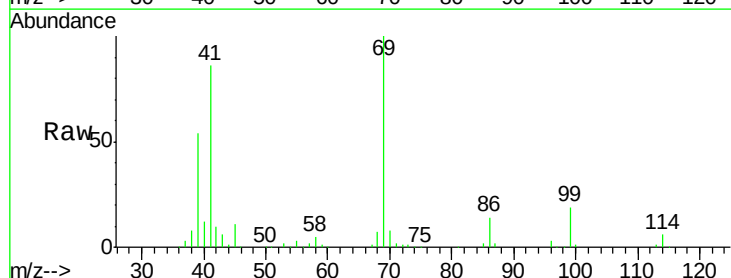
Tgt Ion: 69 Resp: 336590

Ion Ratio Lower Upper

69 100

41 85.8 67.6 101.4

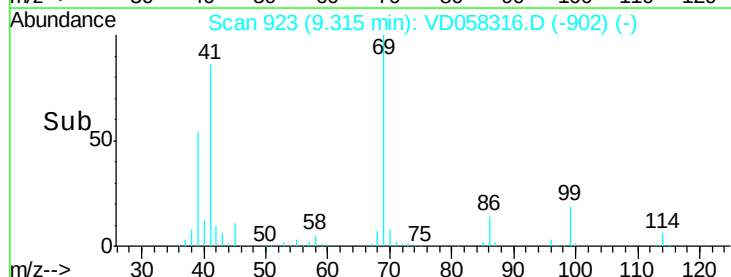
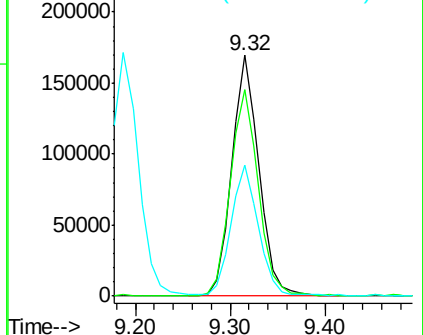
39 54.4 42.2 63.2



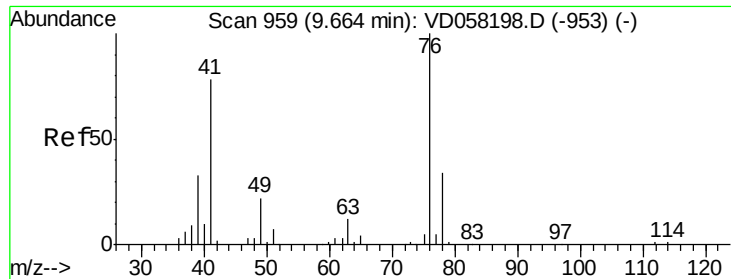
Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC



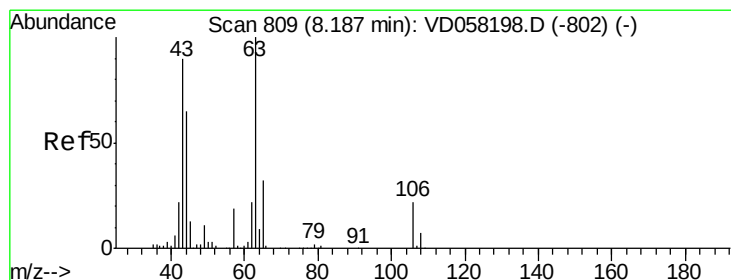
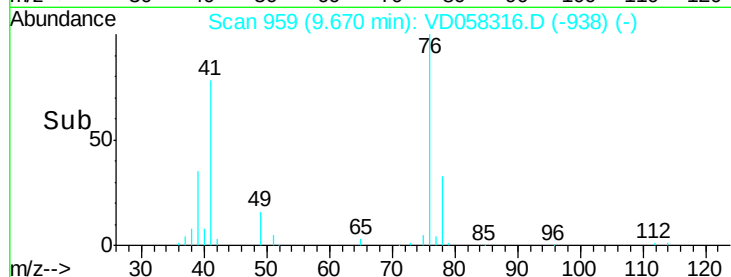
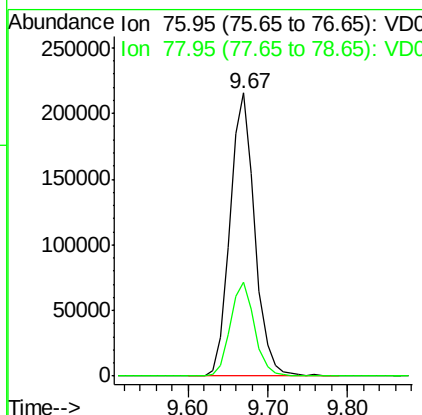
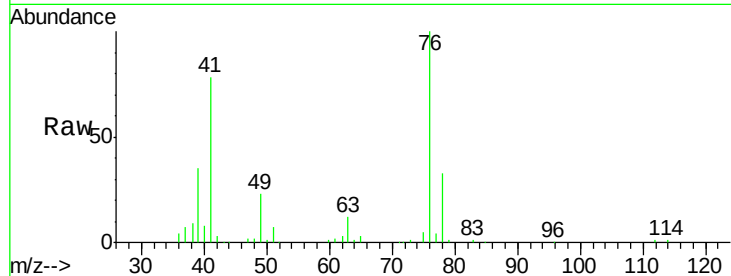




#57  
 1,3-Dichloropropane  
 Concen: 49.44 ug/l  
 RT: 9.67 min Scan# 959  
 Delta R.T. 0.01 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

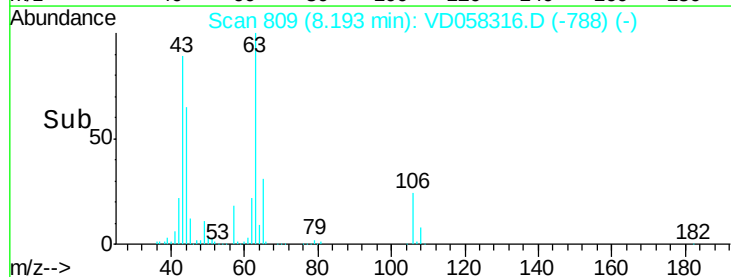
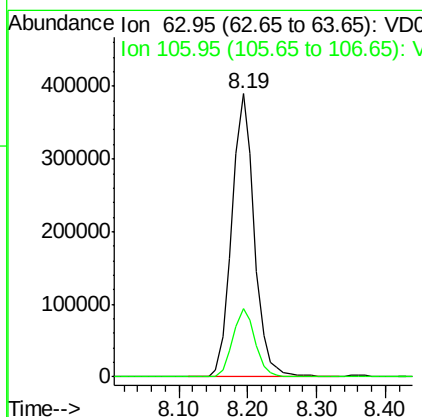
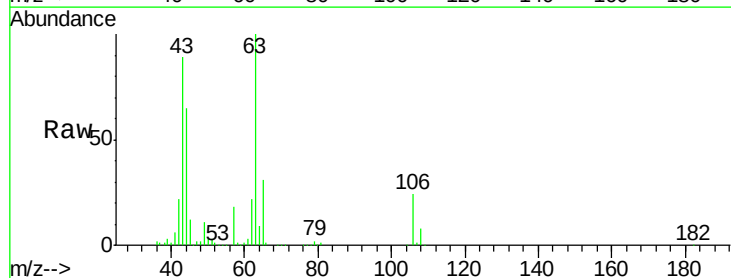
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

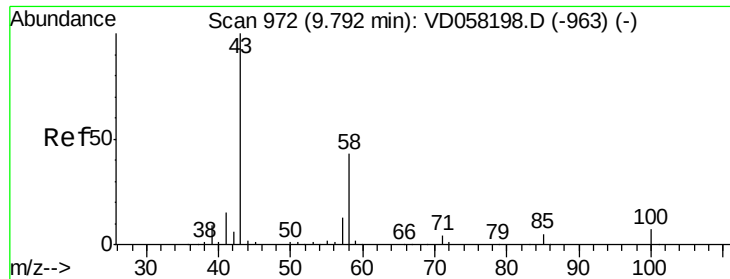
Tot Ion: 76 Resp: 467842  
 Ion Ratio Lower Upper  
 76 100  
 78 33.0 27.0 40.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 264.44 ug/l  
 RT: 8.19 min Scan# 809  
 Delta R.T. 0.01 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

Tgt Ion: 63 Resp: 879606  
 Ion Ratio Lower Upper  
 63 100  
 106 24.1 18.0 27.0

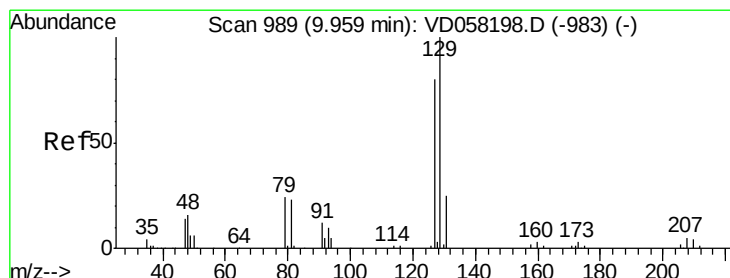
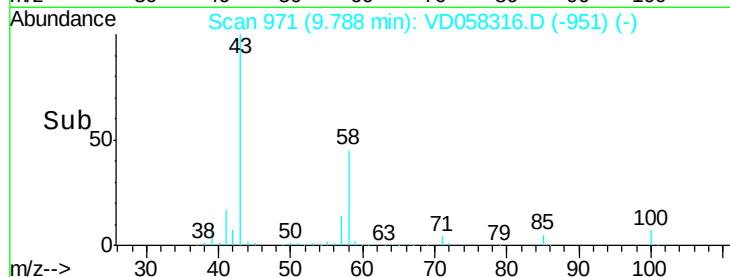
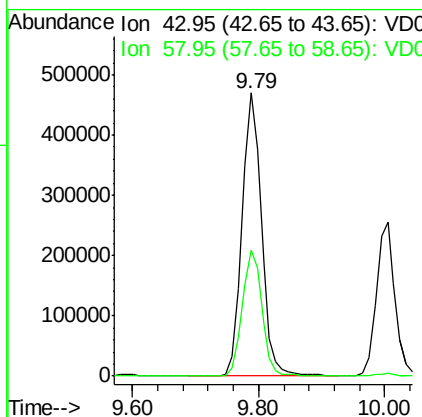
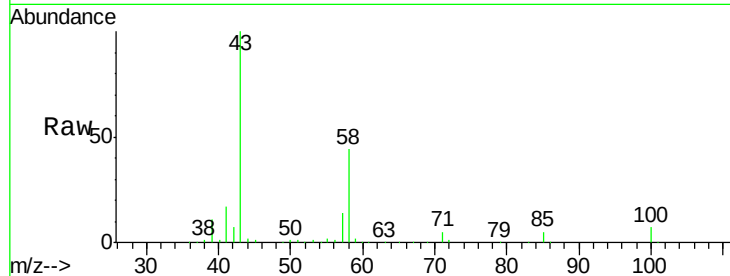




#59  
2-Hexanone  
Concen: 238.56 ug/l  
RT: 9.79 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

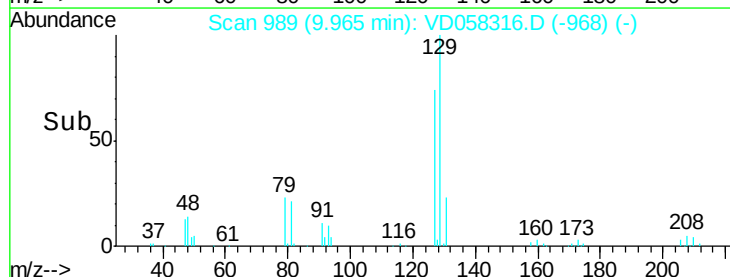
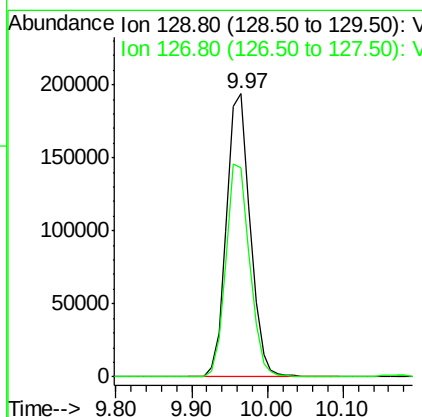
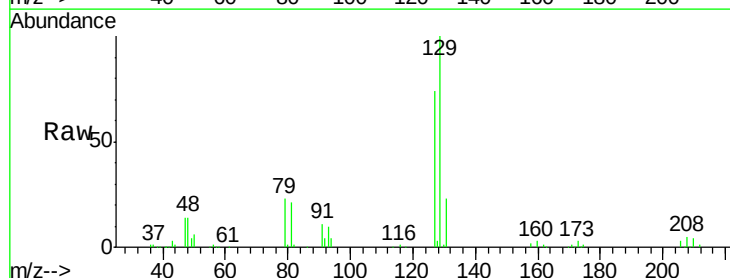
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

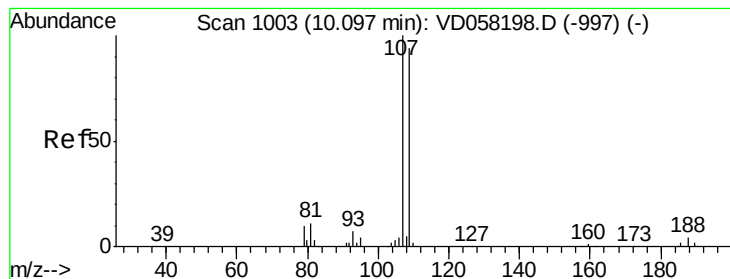
Tot Ion: 43 Resp: 999872  
Ion Ratio Lower Upper  
43 100  
58 44.3 21.7 65.1



#60  
Dibromochloromethane  
Concen: 54.97 ug/l  
RT: 9.97 min Scan# 989  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion:129 Resp: 419149  
Ion Ratio Lower Upper  
129 100  
127 73.9 39.8 119.4





#61

1,2-Dibromoethane

Concen: 52.17 ug/l

RT: 10.09 min Scan# 1002

Delta R.T. -0.00 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

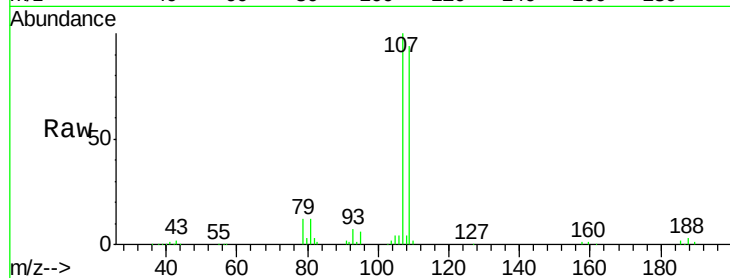
VSTDCCC050

Tot Ion: 107 Resp: 320801

Ion Ratio Lower Upper

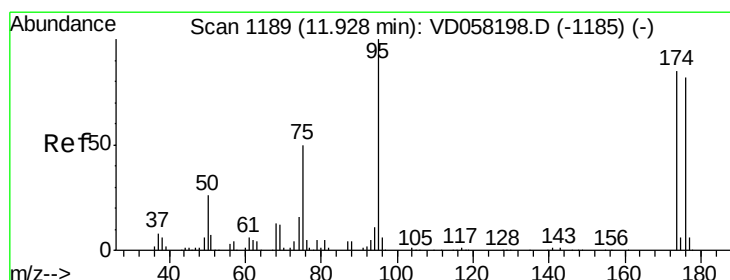
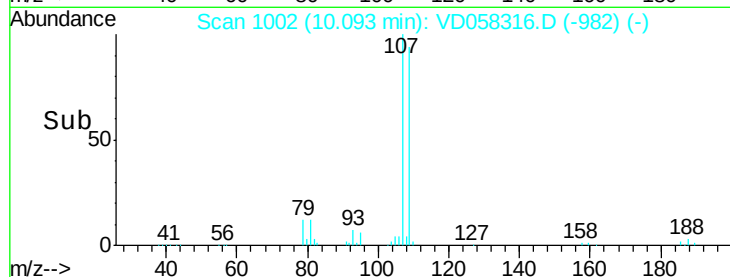
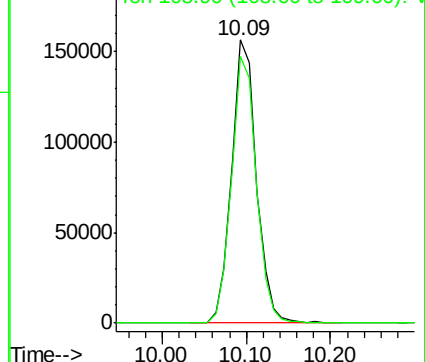
107 100

109 94.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 52.17 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

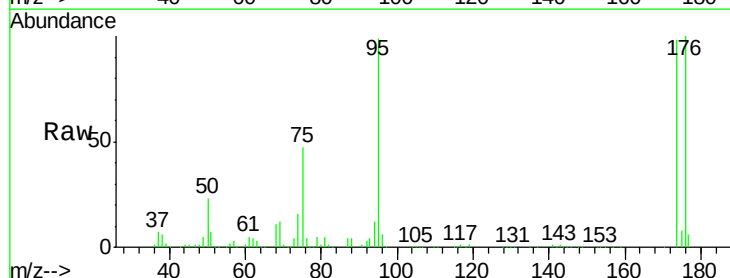
Tgt Ion: 95 Resp: 526328

Ion Ratio Lower Upper

95 100

174 99.9 0.0 170.2

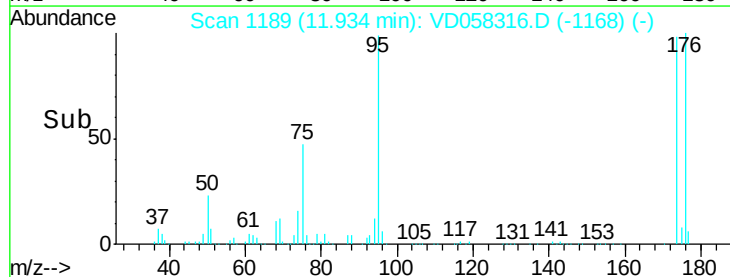
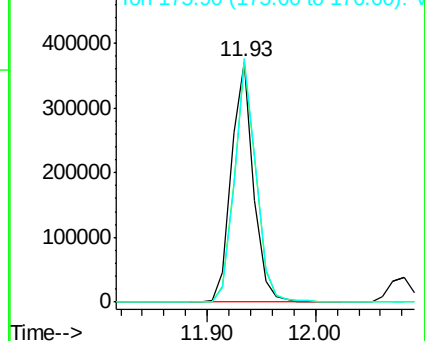
176 101.5 0.0 164.6

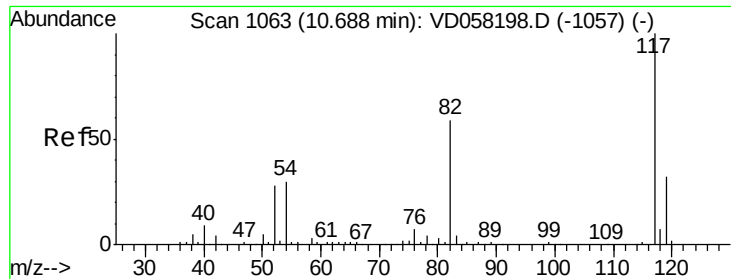


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

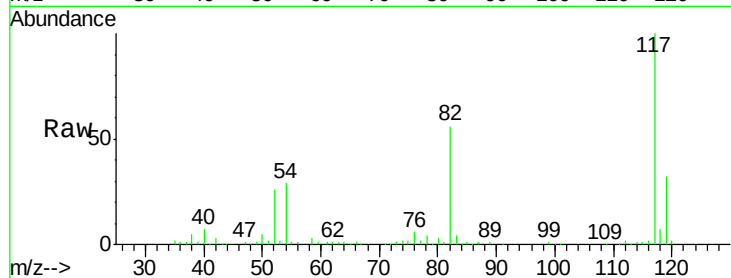




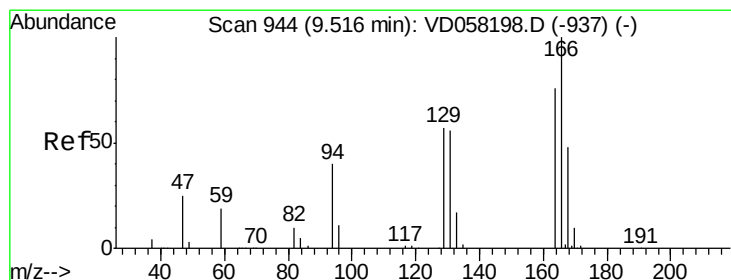
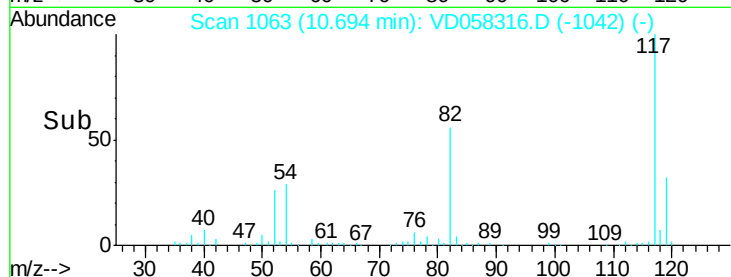
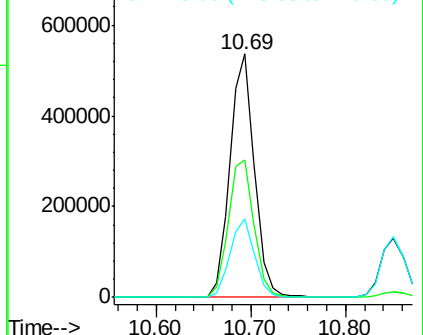
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.69 min Scan# 1063  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:117 Resp: 960178  
Ion Ratio Lower Upper  
117 100  
82 56.3 47.0 70.6  
119 32.4 25.3 37.9

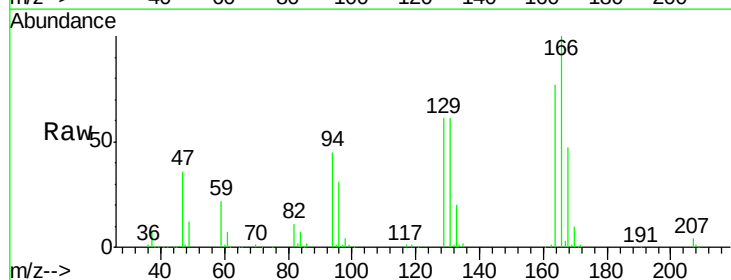


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

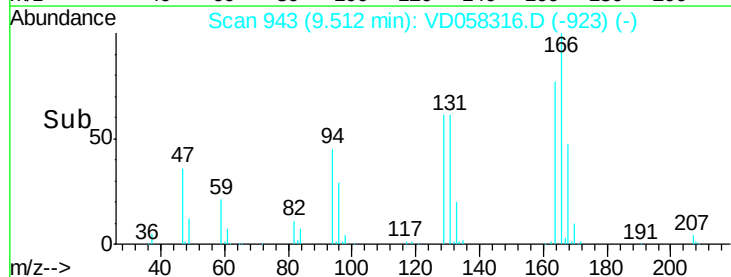
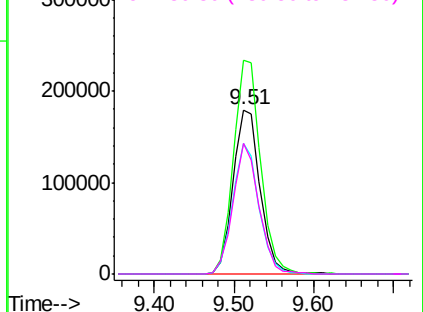


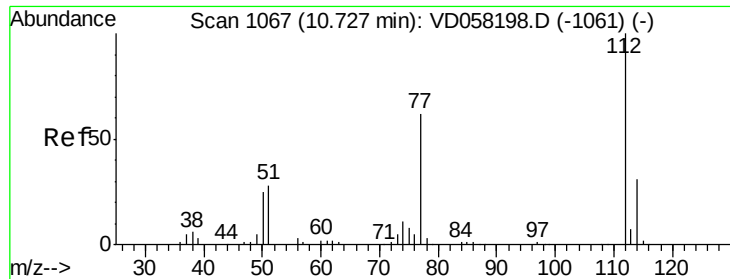
#64  
Tetrachloroethene  
Concen: 52.64 ug/l  
RT: 9.51 min Scan# 943  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion:164 Resp: 425251  
Ion Ratio Lower Upper  
164 100  
166 129.9 105.4 158.0  
129 79.3 59.6 89.4  
131 79.1 59.4 89.2



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

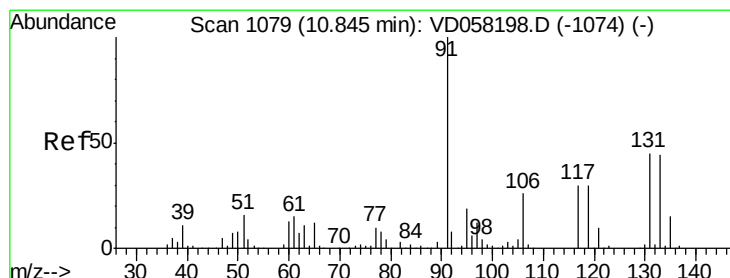
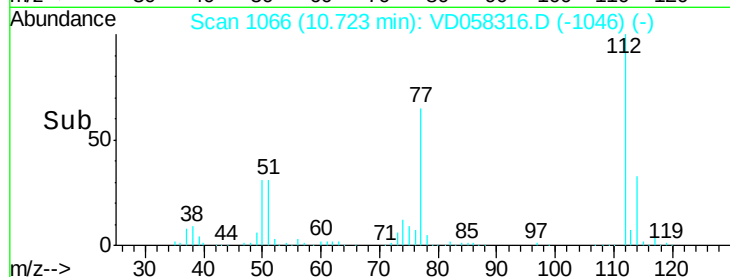
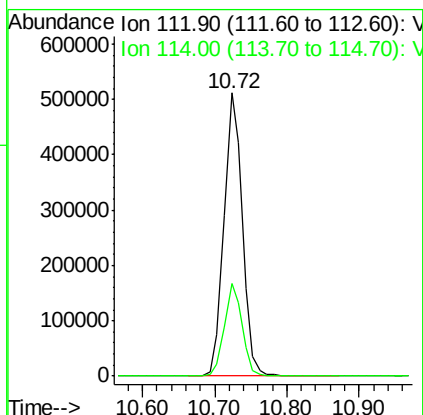
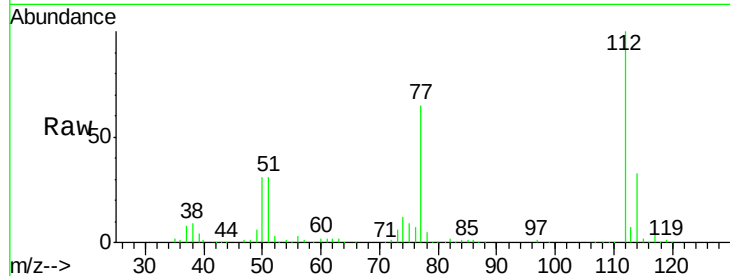




#65  
Chlorobenzene  
Concen: 50.19 ug/l  
RT: 10.72 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

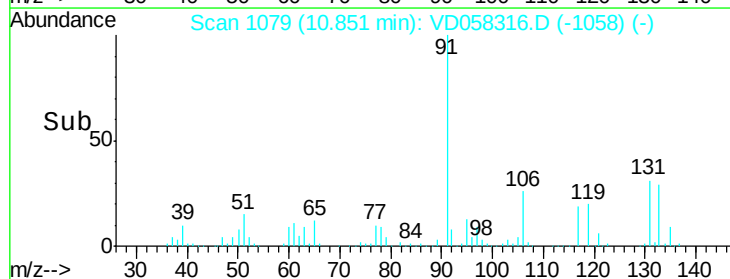
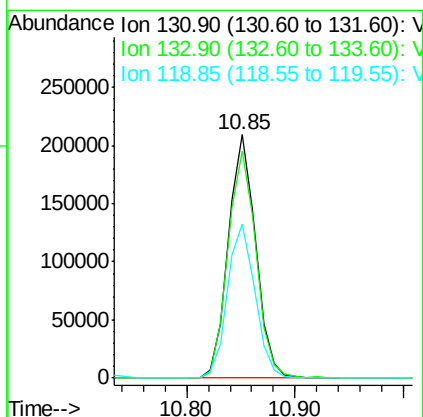
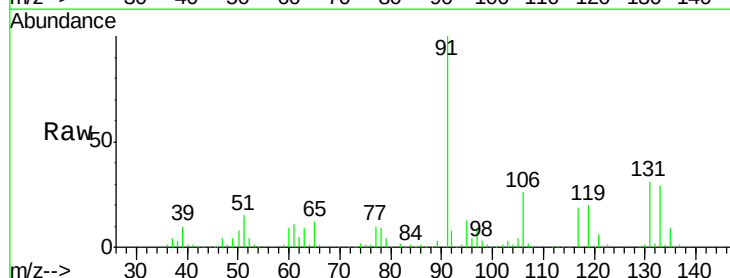
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

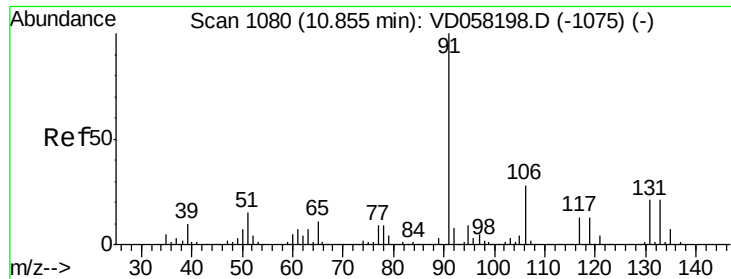
Tot Ion:112 Resp: 901446  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.40 ug/l  
RT: 10.85 min Scan# 1079  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion:131 Resp: 370098  
Ion Ratio Lower Upper  
131 100  
133 93.2 48.6 145.9  
119 63.1 33.0 99.0

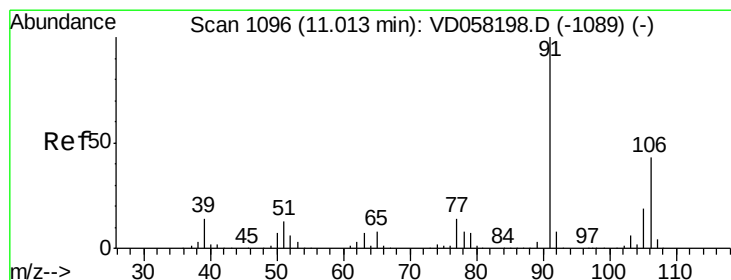
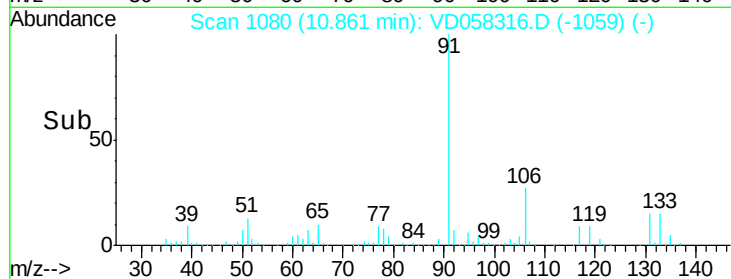
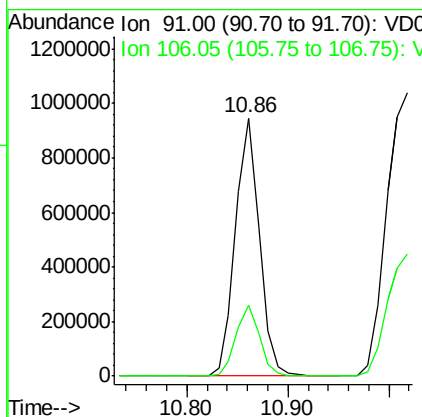
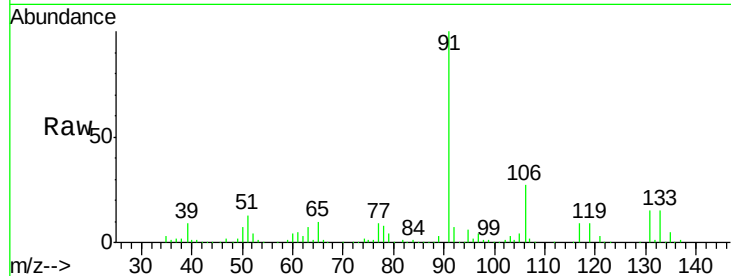




#67  
Ethyl Benzene  
Concen: 49.33 ug/l  
RT: 10.86 min Scan# 1080  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

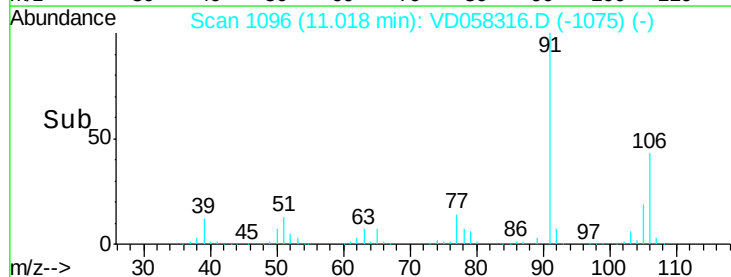
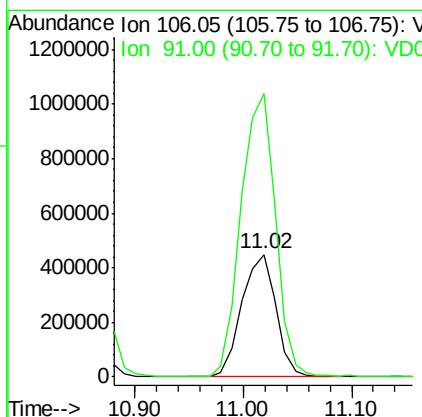
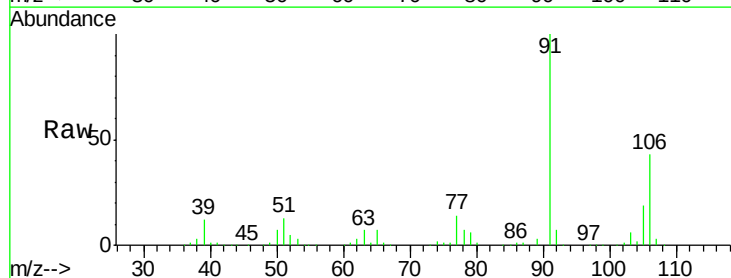
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

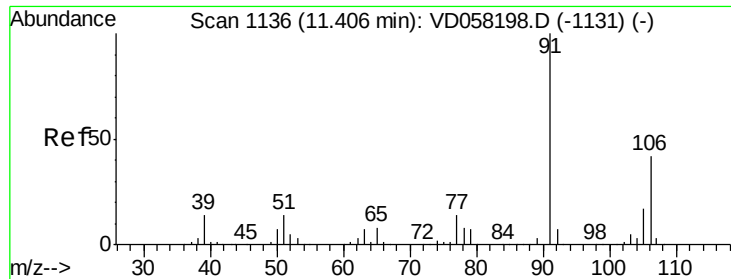
Tot Ion: 91 Resp: 1564195  
Ion Ratio Lower Upper  
91 100  
106 27.4 22.0 33.0



#68  
m/p-Xylenes  
Concen: 92.96 ug/l  
RT: 11.02 min Scan# 1096  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion: 106 Resp: 982928  
Ion Ratio Lower Upper  
106 100  
91 231.6 185.0 277.6

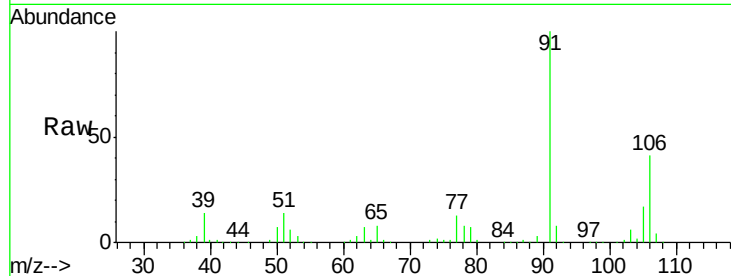




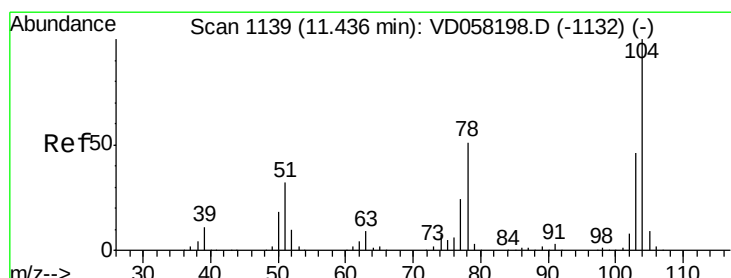
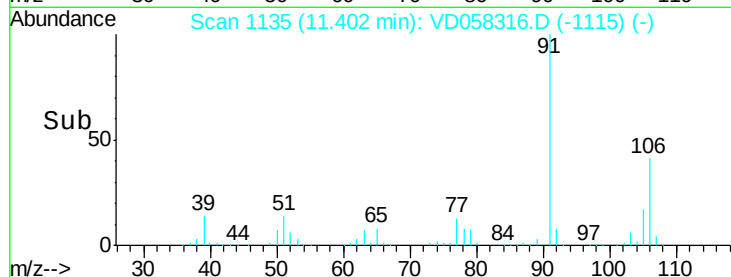
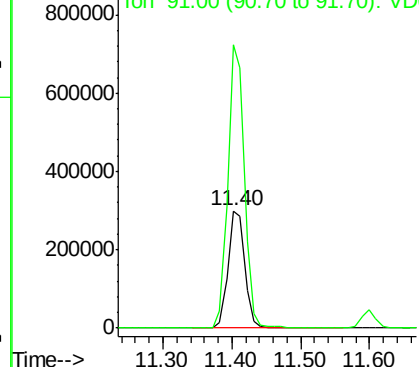
#69  
o-Xylene  
Concen: 50.24 ug/l  
RT: 11.40 min Scan# 1135  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:106 Resp: 507345  
Ion Ratio Lower Upper  
106 100  
91 241.2 120.2 360.6

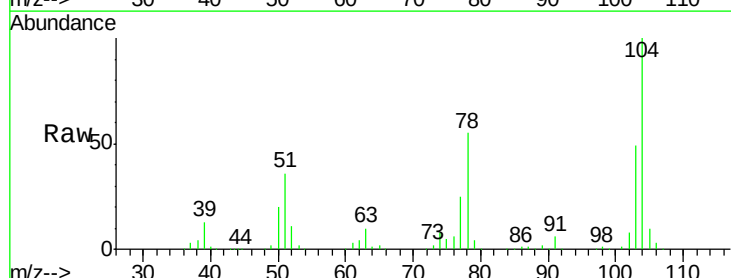


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

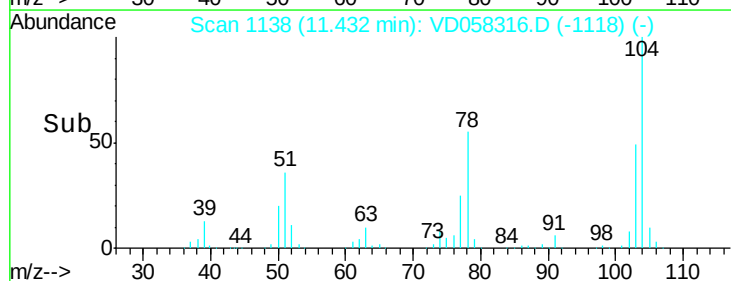
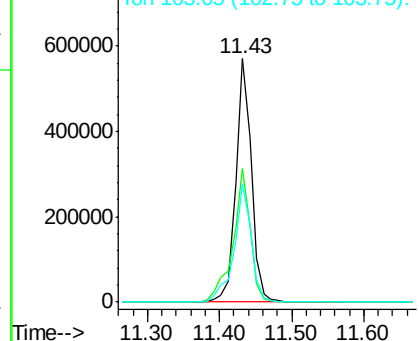


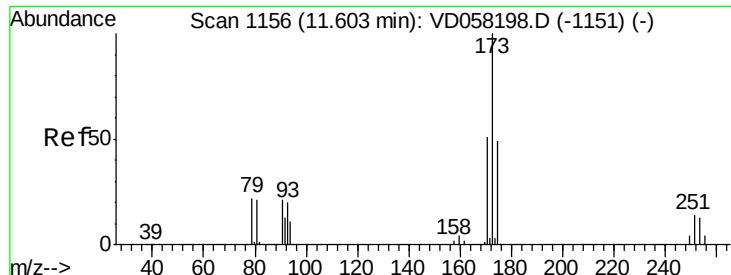
#70  
Styrene  
Concen: 49.74 ug/l  
RT: 11.43 min Scan# 1138  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion:104 Resp: 857287  
Ion Ratio Lower Upper  
104 100  
78 54.8 40.8 61.2  
103 48.6 37.0 55.6



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





#71

Bromoform

Concen: 54.27 ug/l

RT: 11.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

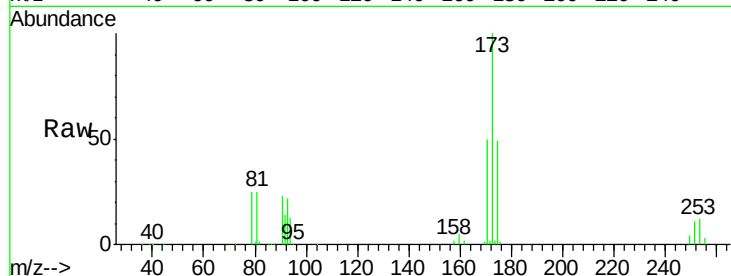
Tot Ion:173 Resp: 300089

Ion Ratio Lower Upper

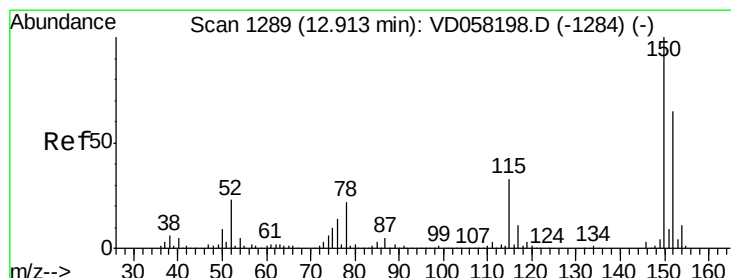
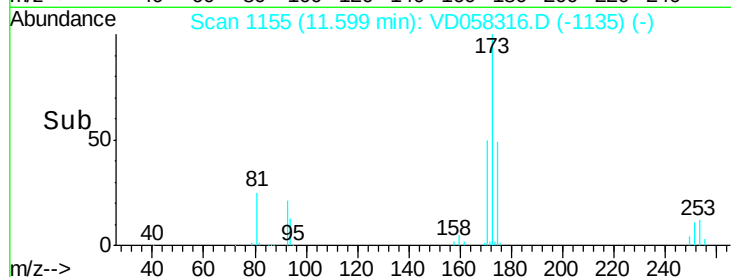
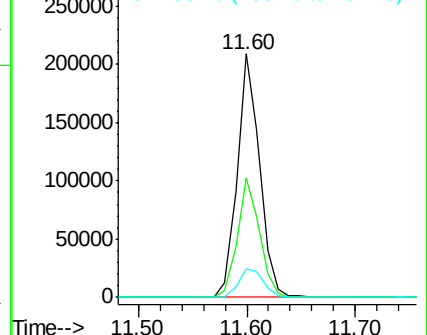
173 100

175 49.0 24.6 74.0

254 11.8 10.3 15.5



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: 50.00 ug/l

RT: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

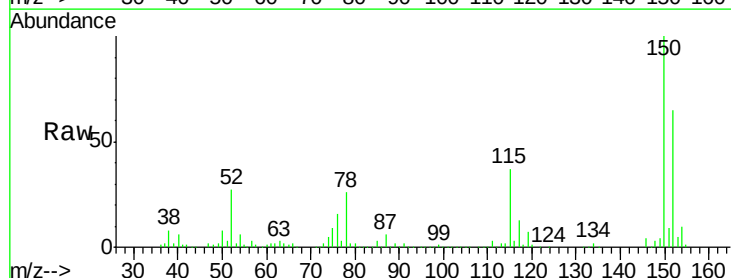
Tgt Ion:152 Resp: 471985

Ion Ratio Lower Upper

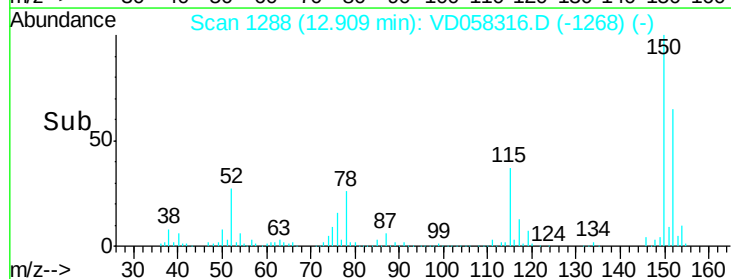
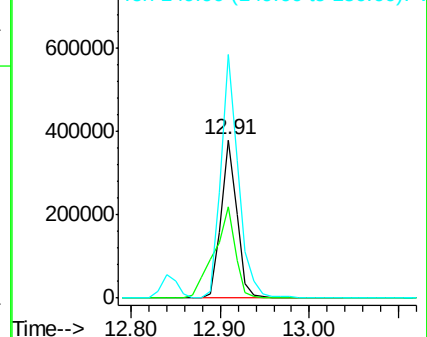
152 100

115 57.7 25.1 75.3

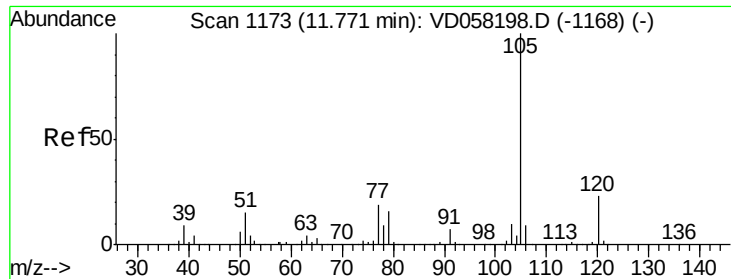
150 154.2 0.0 308.8



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: 51.93 ug/l

RT: 11.78 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

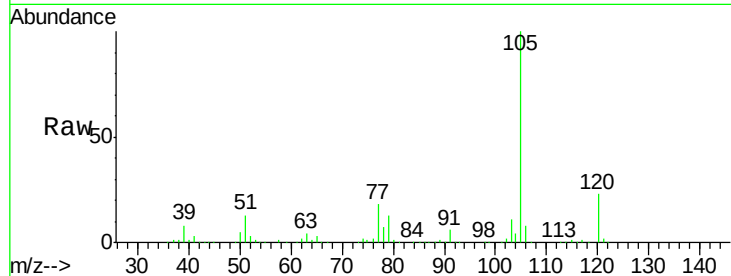
VSTDCCC050

Tot Ion:105 Resp: 1465999

Ion Ratio Lower Upper

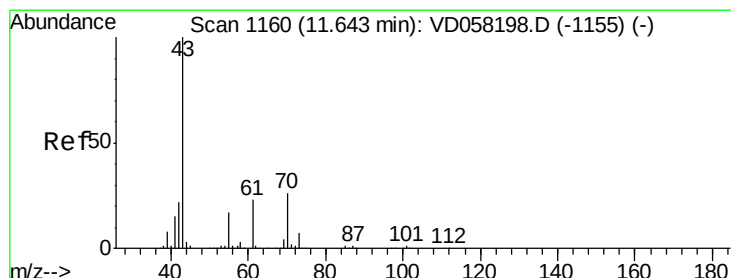
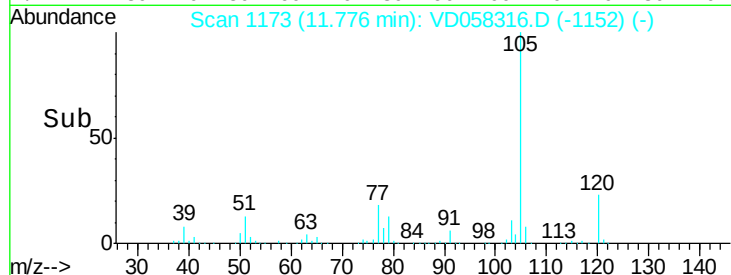
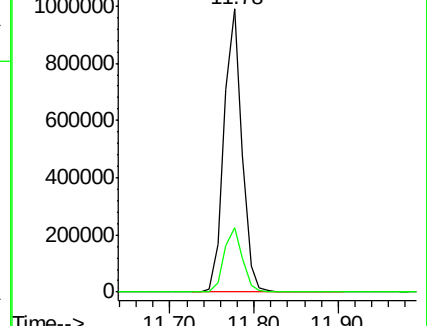
105 100

120 22.9 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 51.82 ug/l

RT: 11.65 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Tgt Ion: 43 Resp: 565613

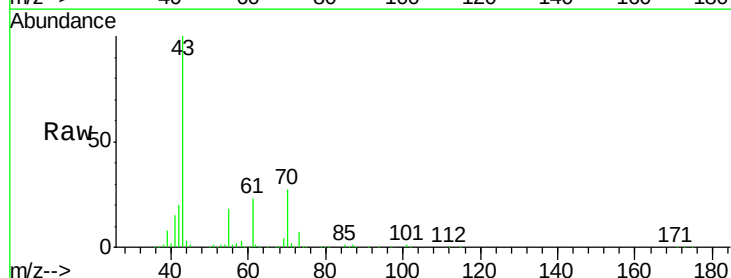
Ion Ratio Lower Upper

43 100

70 27.2 20.9 31.3

55 17.5 13.5 20.3

61 22.5 18.2 27.2

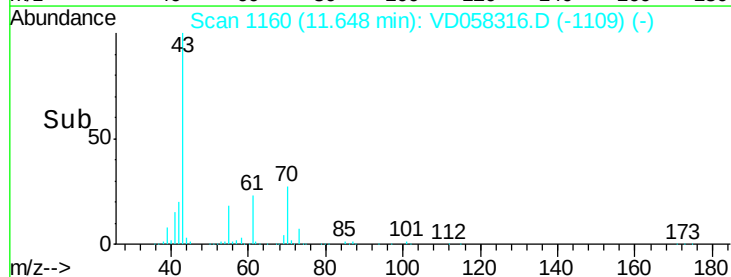
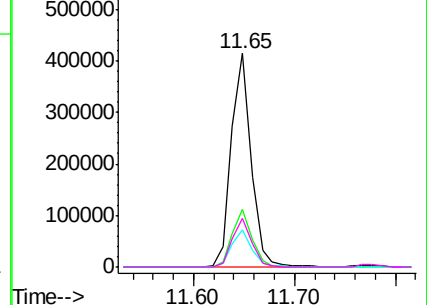


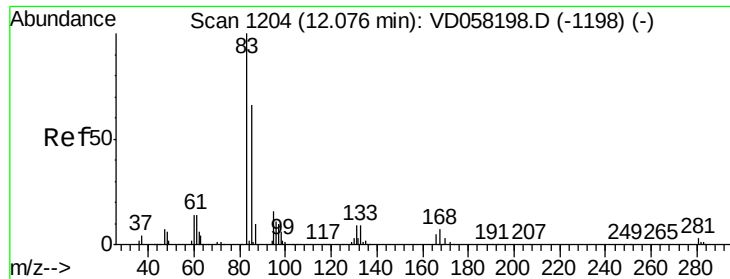
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 53.37 ug/l

RT: 12.08 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

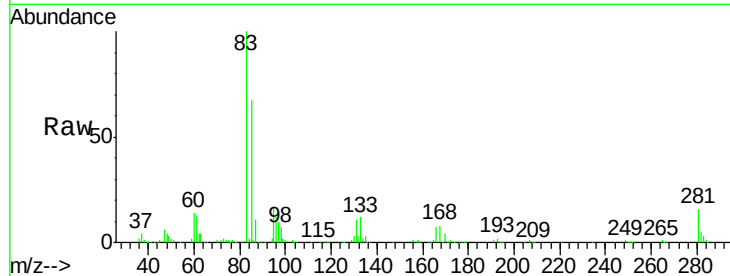
Tot Ion: 83 Resp: 350630

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.9  | 4.8   | 14.3  |
| 85  | 66.8  | 33.1  | 99.5  |

83 100

131 10.9 4.8 14.3

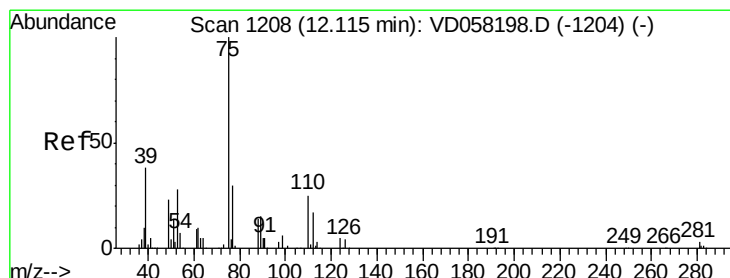
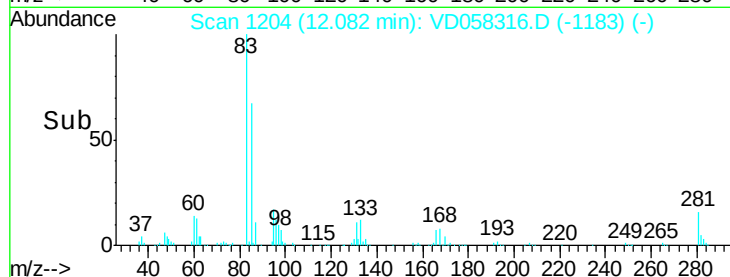
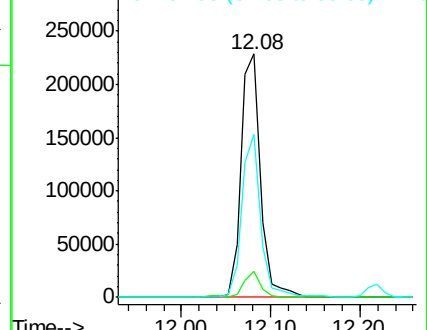
85 66.8 33.1 99.5



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 51.03 ug/l

RT: 12.11 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VD058316.D

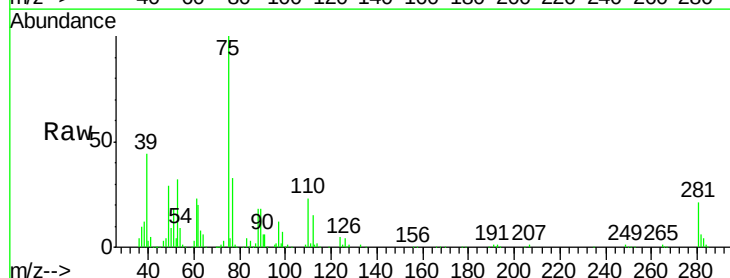
Acq: 23 Jun 2018 1:55

Tgt Ion: 75 Resp: 351650

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 33.0  | 16.0  | 47.9  |

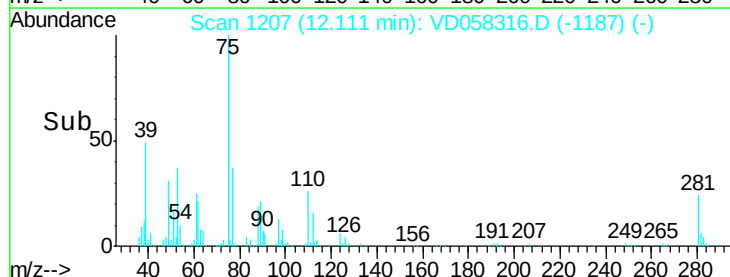
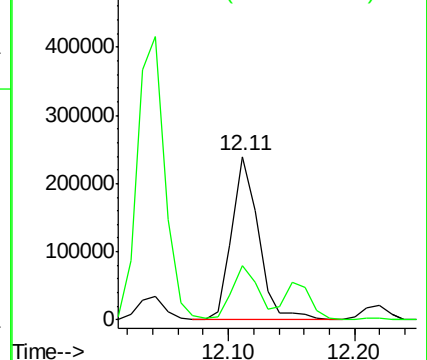
75 100

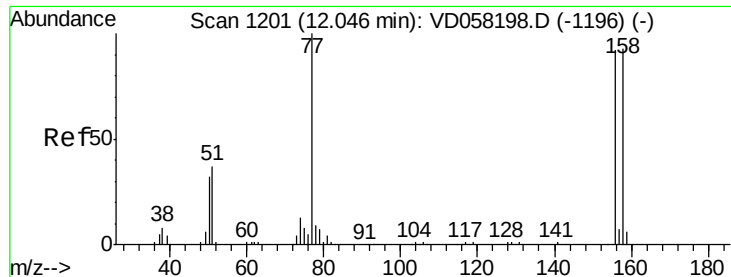
77 33.0 16.0 47.9



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

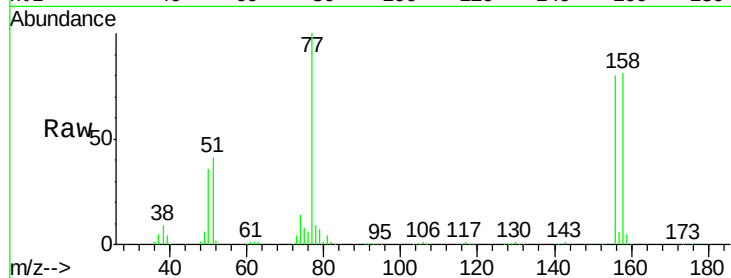




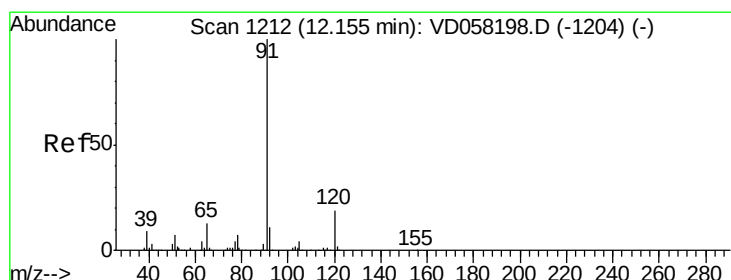
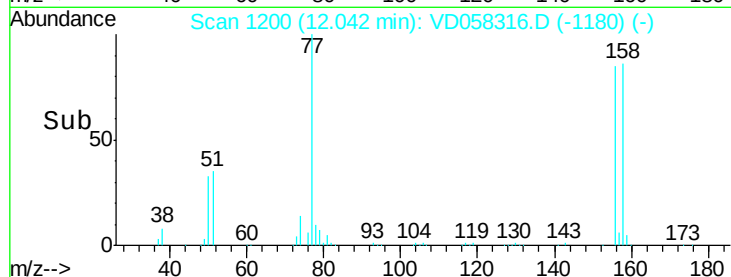
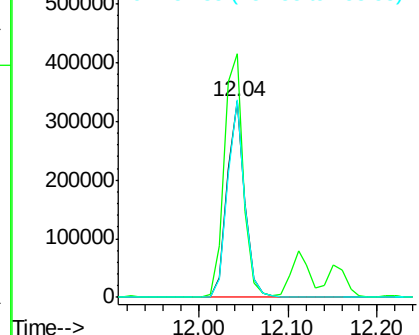
#77  
Bromobenzene  
Concen: 55.40 ug/l  
RT: 12.04 min Scan# 1200  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:156 Resp: 468355  
Ion Ratio Lower Upper  
156 100  
77 124.3 54.5 163.6  
158 100.6 50.8 152.5

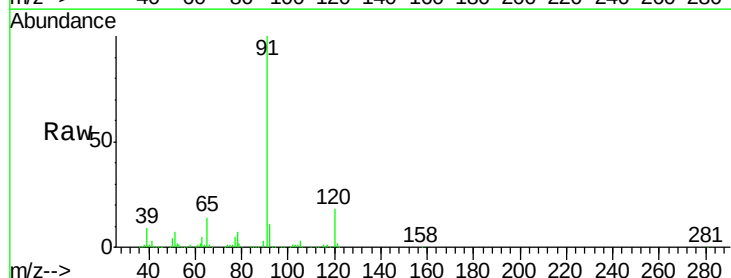


Abundance Ion 155.90 (155.60 to 156.60): V  
Ion 76.95 (76.65 to 77.65): VDC  
Ion 157.85 (157.55 to 158.55): V

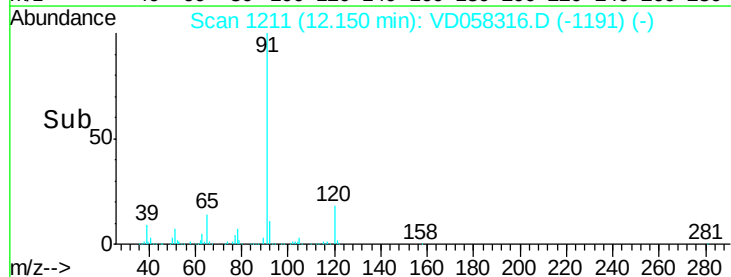
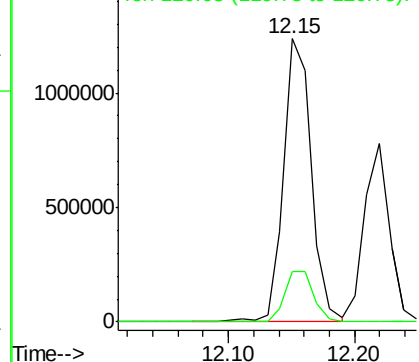


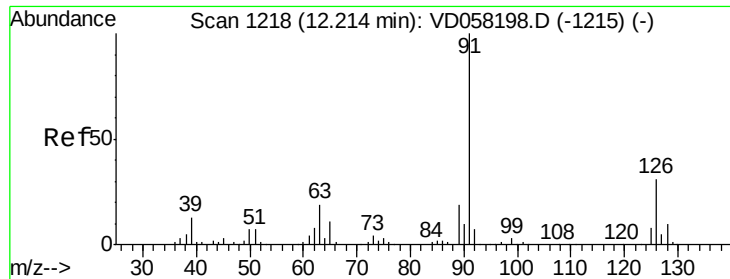
#78  
n-propylbenzene  
Concen: 51.70 ug/l  
RT: 12.15 min Scan# 1211  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion: 91 Resp: 1885064  
Ion Ratio Lower Upper  
91 100  
120 17.9 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 120.05 (119.75 to 120.75): V

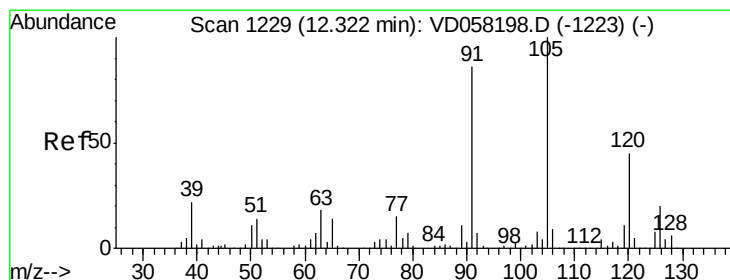
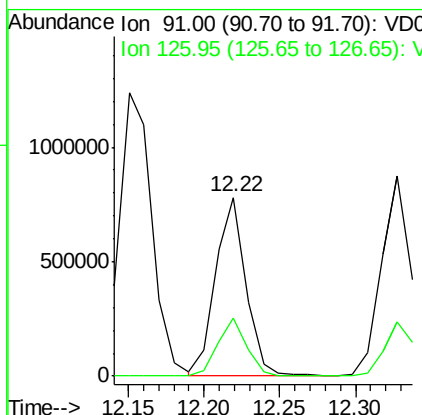
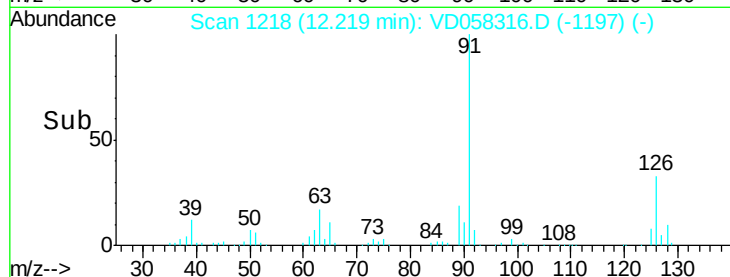
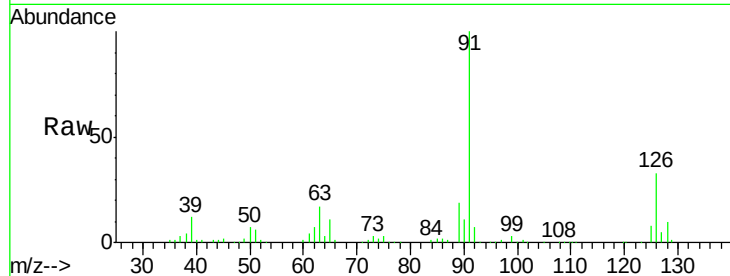




#79  
2-Chlorotoluene  
Concen: 52.31 ug/l  
RT: 12.22 min Scan# 1218  
Delta R.T. 0.01 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

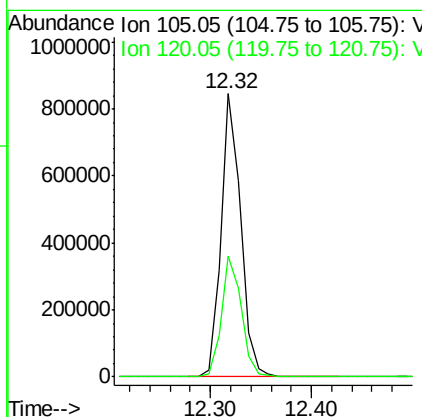
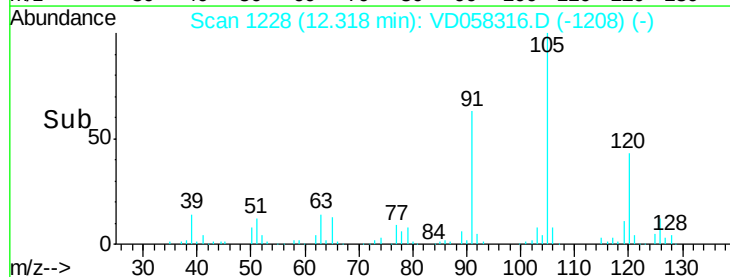
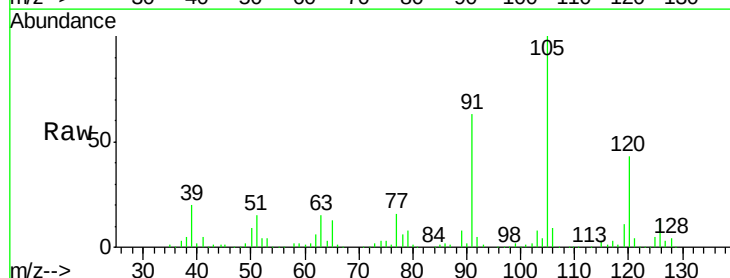
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

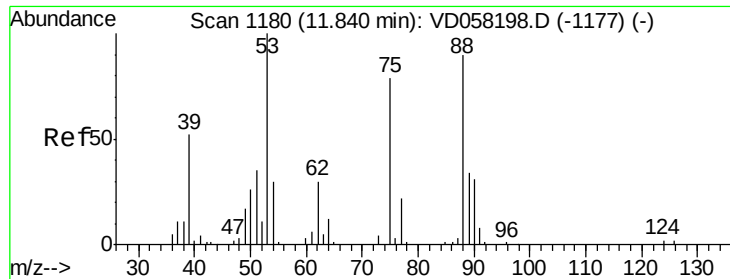
Tot Ion: 91 Resp: 1091297  
Ion Ratio Lower Upper  
91 100  
126 32.8 14.9 44.5



#80  
1,3,5-Trimethylbenzene  
Concen: 51.79 ug/l  
RT: 12.32 min Scan# 1228  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion: 105 Resp: 1140493  
Ion Ratio Lower Upper  
105 100  
120 42.8 22.5 67.5





#81

trans-1,4-Dichloro-2-butene

Concen: 49.75 ug/l

RT: 11.85 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

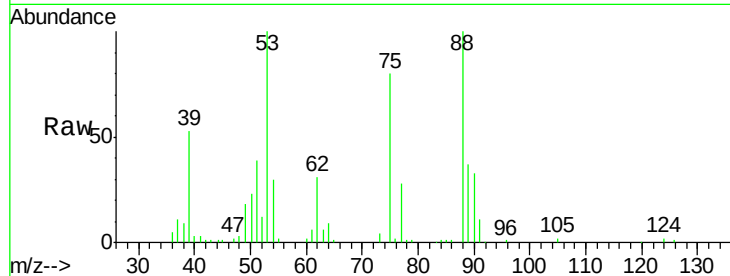
Tot Ion: 75 Resp: 83611

Ion Ratio Lower Upper

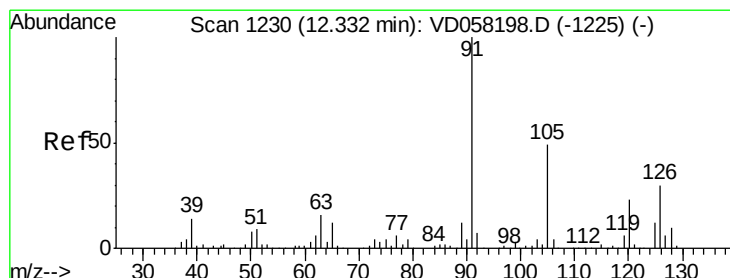
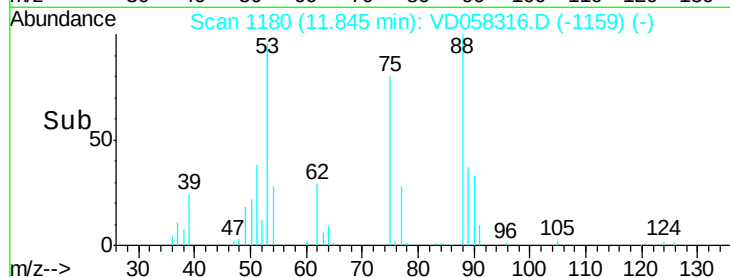
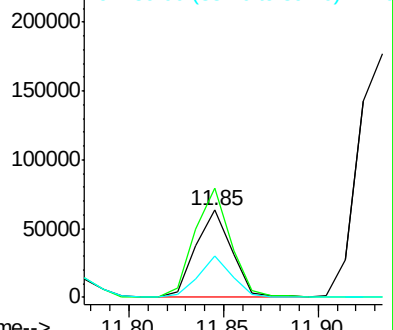
75 100

53 124.8 100.8 151.2

89 46.9 34.6 52.0



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: 60.27 ug/l

RT: 12.33 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VD058316.D

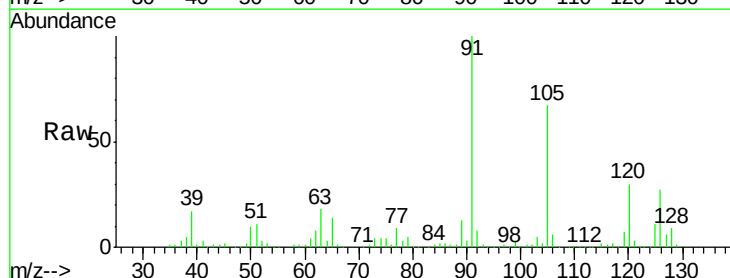
Acq: 23 Jun 2018 1:55

Tgt Ion: 91 Resp: 1202713

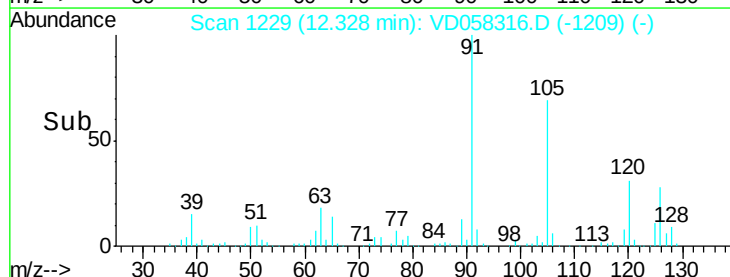
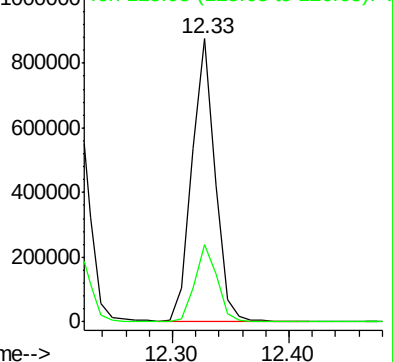
Ion Ratio Lower Upper

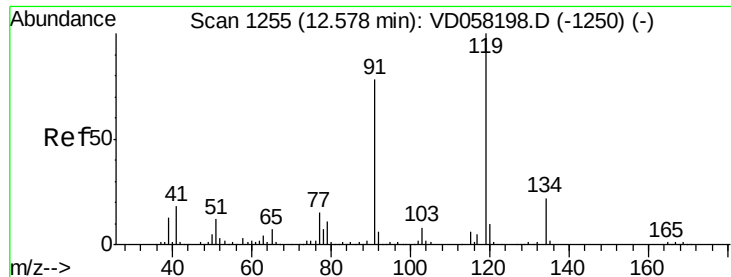
91 100

126 27.3 14.9 44.9



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

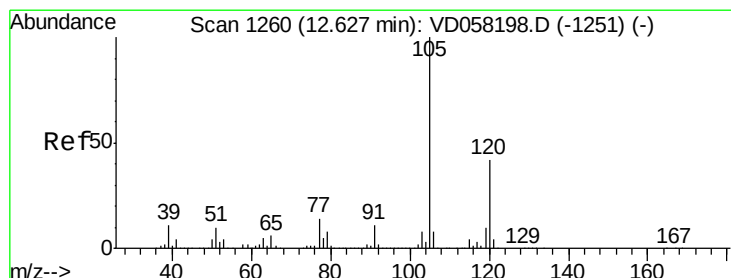
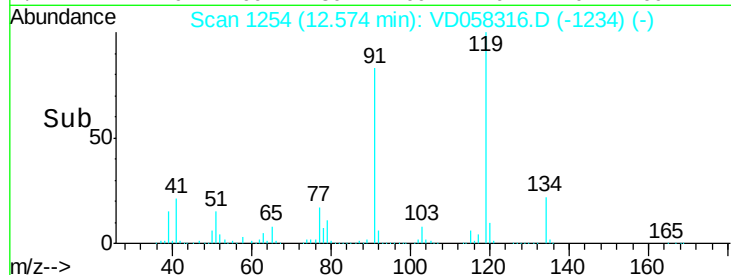
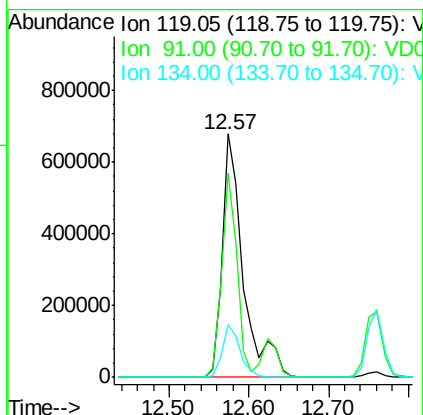
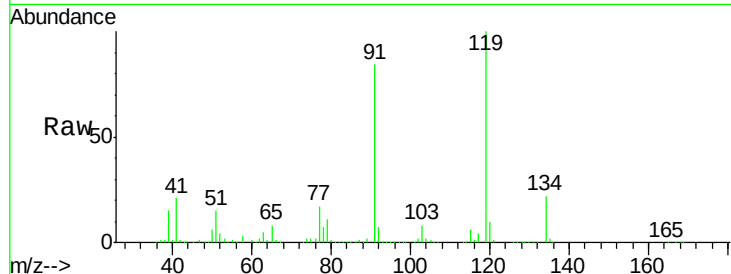




#83  
 tert-Butylbenzene  
 Concen: 49.85 ug/l  
 RT: 12.57 min Scan# 1254  
 Delta R.T. -0.00 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

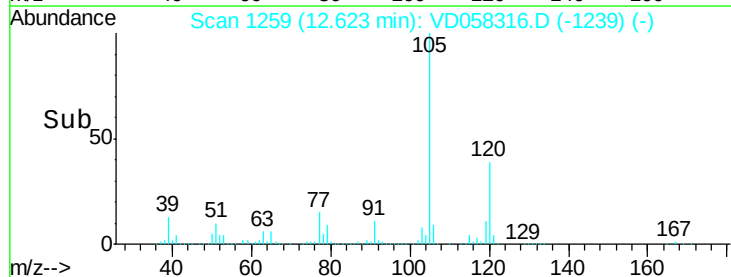
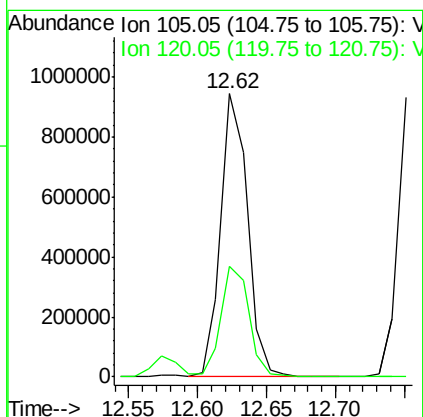
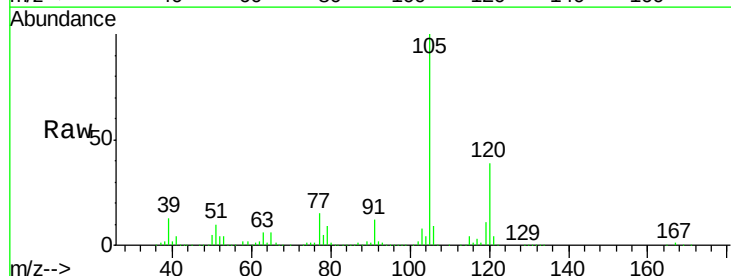
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

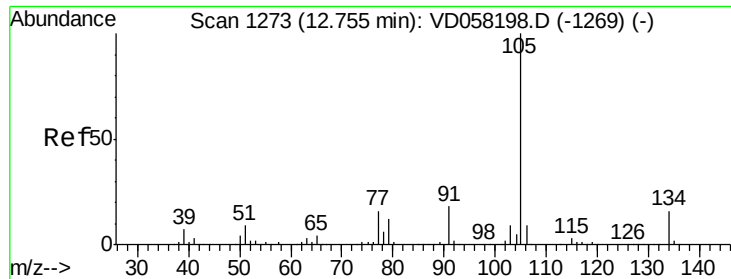
Tot Ion:119 Resp: 1262012  
 Ion Ratio Lower Upper  
 119 100  
 91 84.0 38.9 116.6  
 134 21.6 11.2 33.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.18 ug/l  
 RT: 12.62 min Scan# 1259  
 Delta R.T. -0.00 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

Tgt Ion:105 Resp: 1273015  
 Ion Ratio Lower Upper  
 105 100  
 120 39.2 20.8 62.4





#85

sec-Butylbenzene

Concen: 51.78 ug/l

RT: 12.76 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

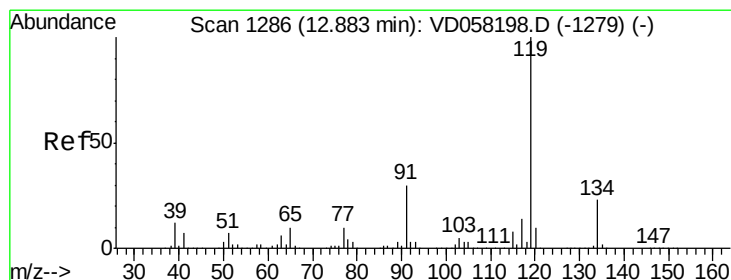
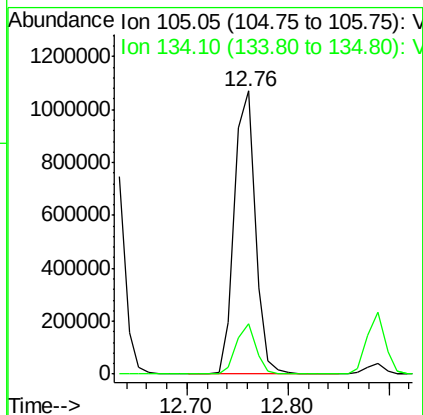
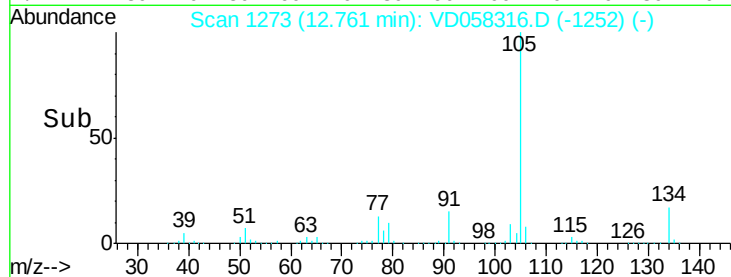
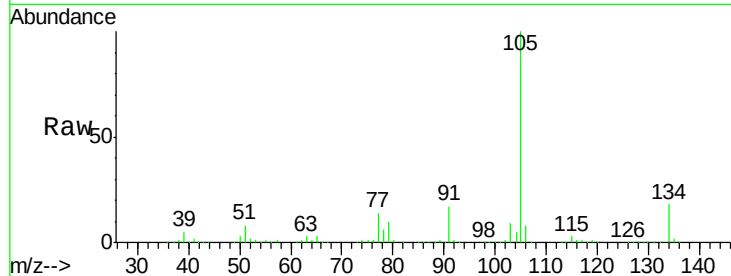
VSTDCCC050

Tot Ion:105 Resp: 1536579

Ion Ratio Lower Upper

105 100

134 17.8 8.1 24.3



#86

p-Isopropyltoluene

Concen: 52.23 ug/l

RT: 12.89 min Scan# 1286

Delta R.T. 0.01 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

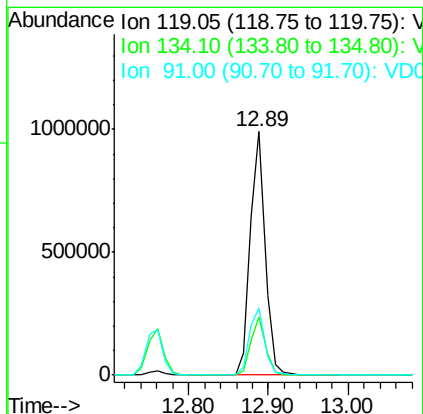
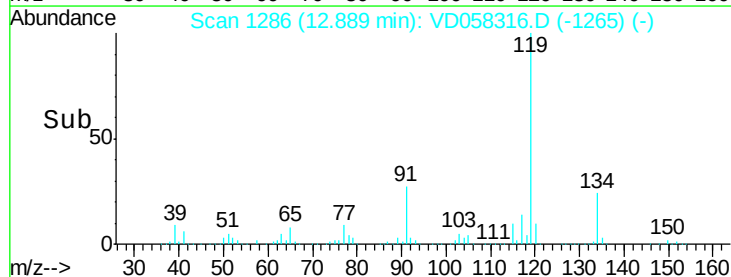
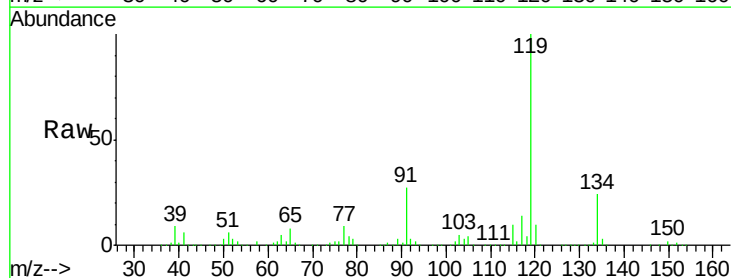
Tgt Ion:119 Resp: 1255863

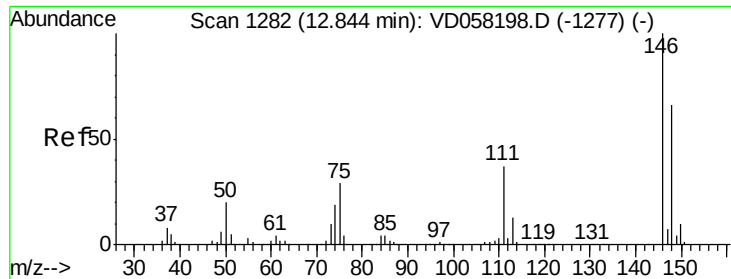
Ion Ratio Lower Upper

119 100

134 23.8 11.6 34.8

91 27.3 15.0 45.1

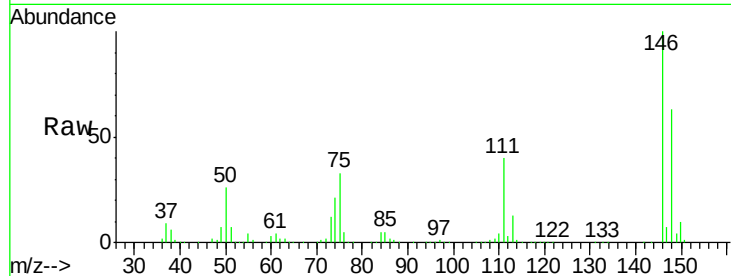




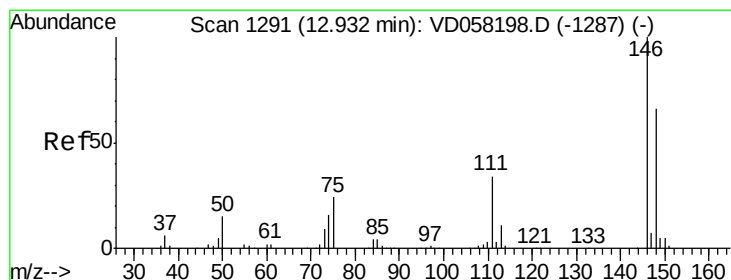
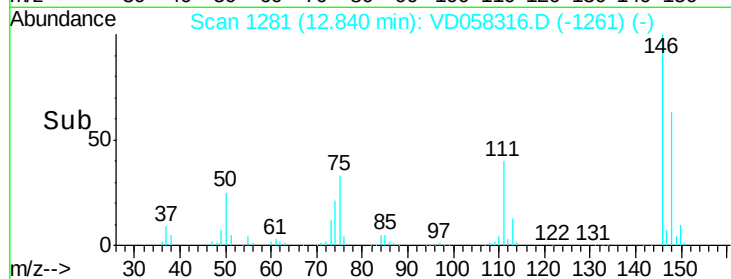
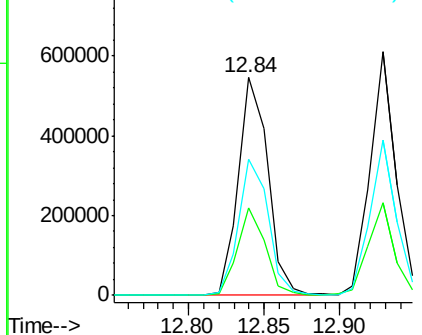
#87  
 1,3-Dichlorobenzene  
 Concen: 50.68 ug/l  
 RT: 12.84 min Scan# 1281  
 Delta R.T. -0.00 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:146 Resp: 744641  
 Ion Ratio Lower Upper  
 146 100  
 111 40.4 18.4 55.0  
 148 62.8 32.8 98.4

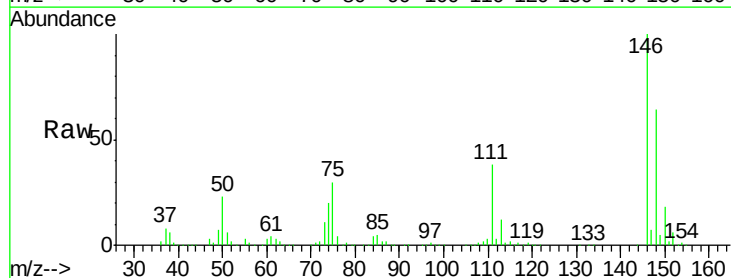


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

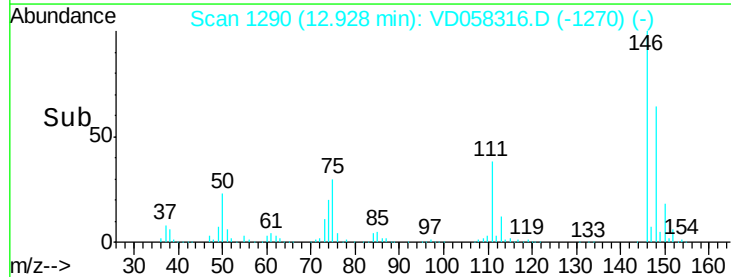
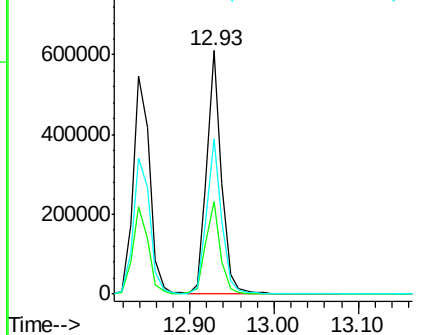


#88  
 1,4-Dichlorobenzene  
 Concen: 51.61 ug/l  
 RT: 12.93 min Scan# 1290  
 Delta R.T. -0.00 min  
 Lab File: VD058316.D  
 Acq: 23 Jun 2018 1:55

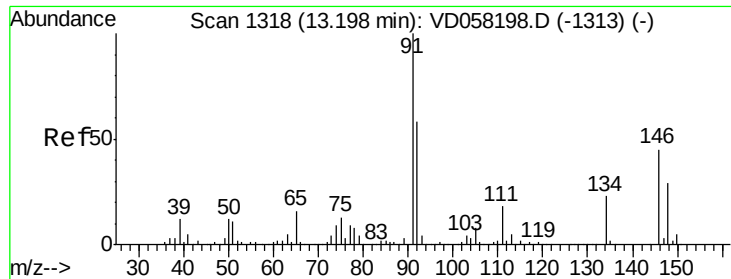
Tgt Ion:146 Resp: 740532  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 17.2 51.5  
 148 63.7 33.1 99.3



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



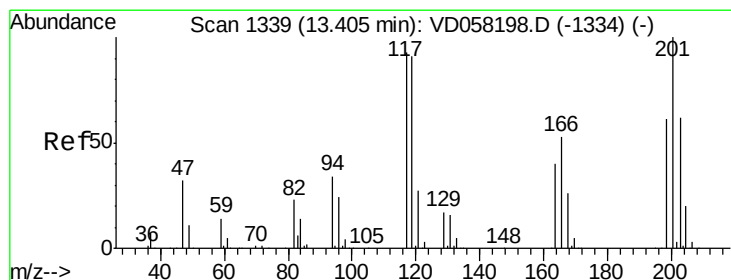
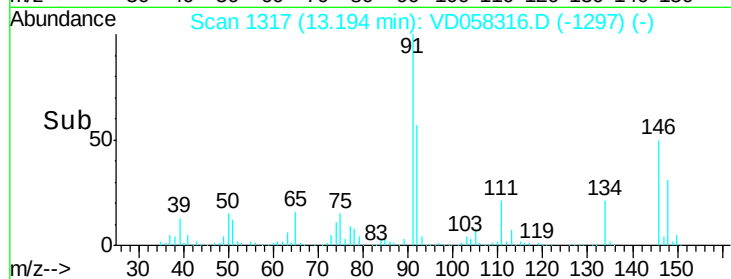
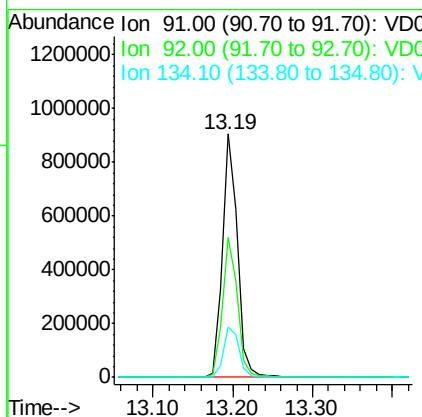
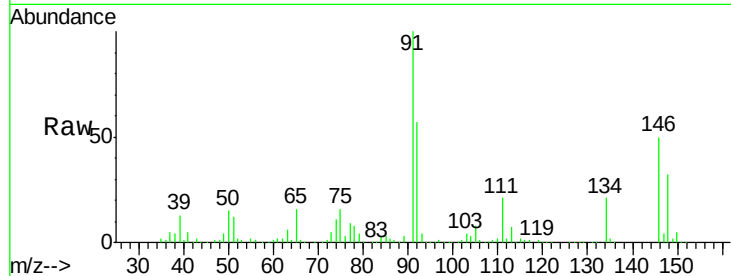




#89  
n-Butylbenzene  
Concen: 47.61 ug/l  
RT: 13.19 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

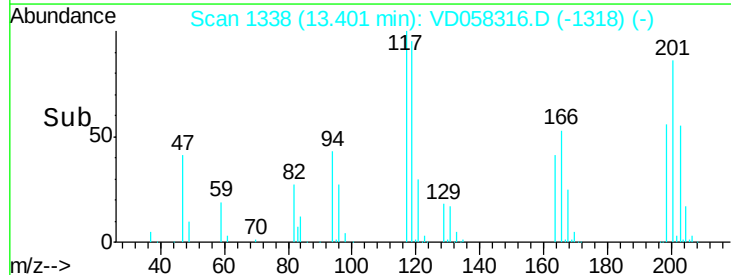
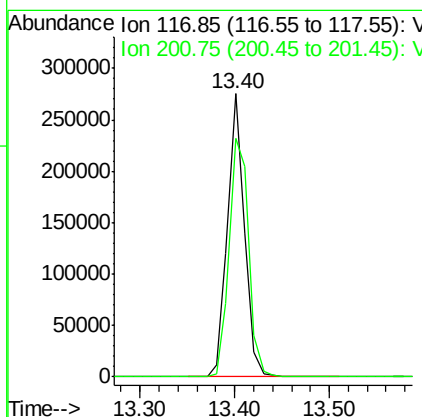
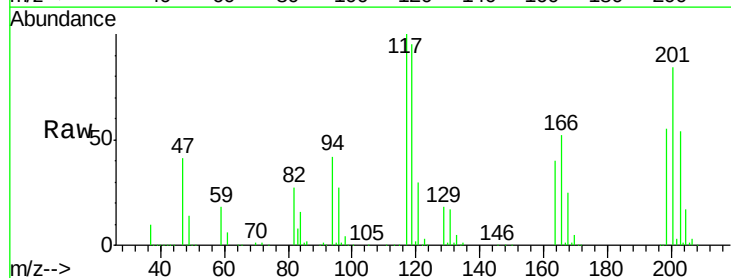
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

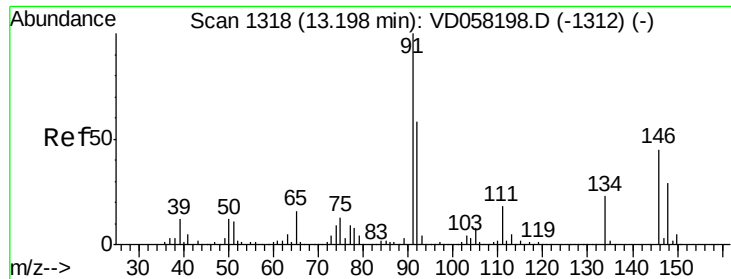
Tot Ion: 91 Resp: 1203355  
Ion Ratio Lower Upper  
91 100  
92 57.4 29.2 87.6  
134 20.7 11.3 33.8



#90  
Hexachloroethane  
Concen: 54.75 ug/l  
RT: 13.40 min Scan# 1338  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion: 117 Resp: 341730  
Ion Ratio Lower Upper  
117 100  
201 84.2 53.8 161.4

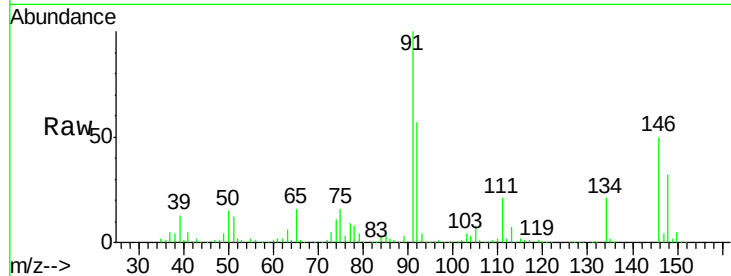




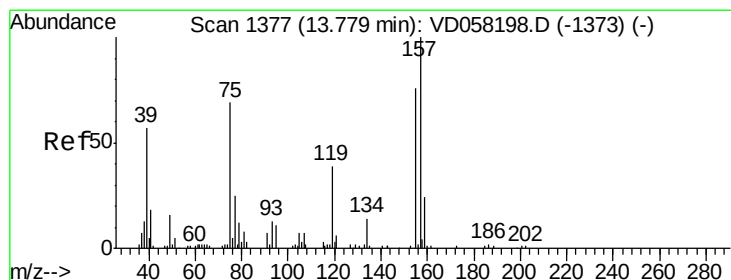
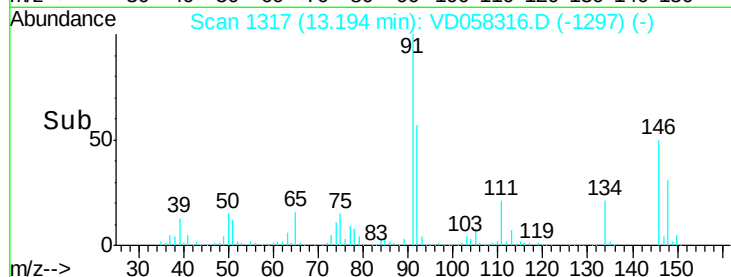
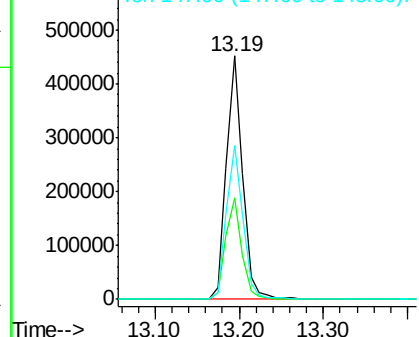
#91  
1,2-Dichlorobenzene  
Concen: 48.17 ug/l  
RT: 13.19 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:146 Resp: 602297  
Ion Ratio Lower Upper  
146 100  
111 41.7 19.6 58.7  
148 63.2 32.0 96.2

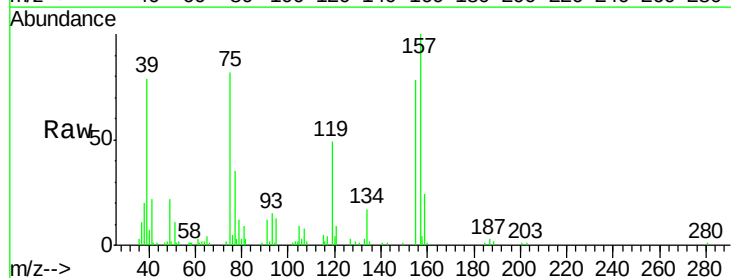


Abundance Ion 145.95 (145.65 to 146.65): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V

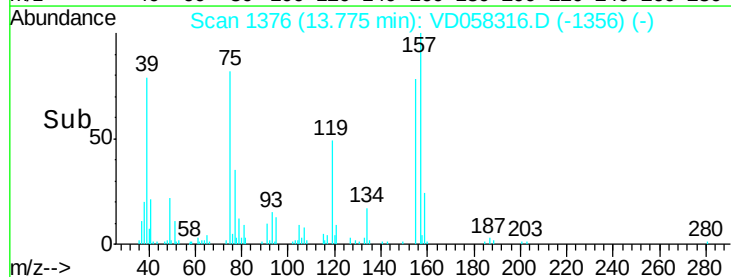
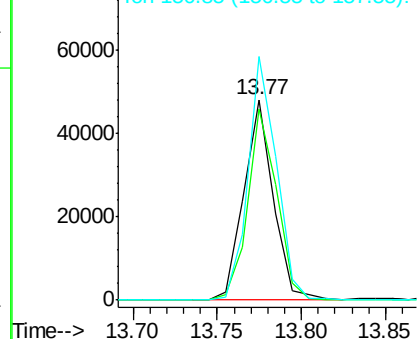


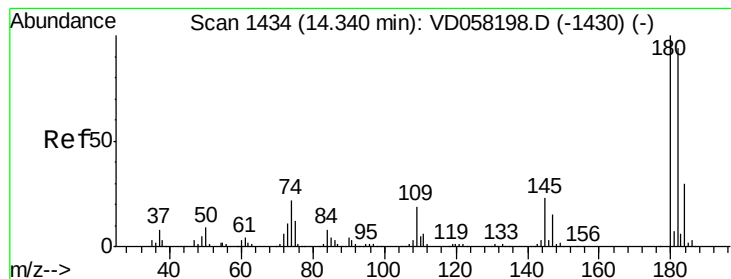
#92  
1,2-Dibromo-3-Chloropropane  
Concen: 55.69 ug/l  
RT: 13.77 min Scan# 1376  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion: 75 Resp: 58227  
Ion Ratio Lower Upper  
75 100  
155 95.3 54.5 163.5  
157 121.4 72.0 215.9



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: 49.98 ug/l

RT: 14.34 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

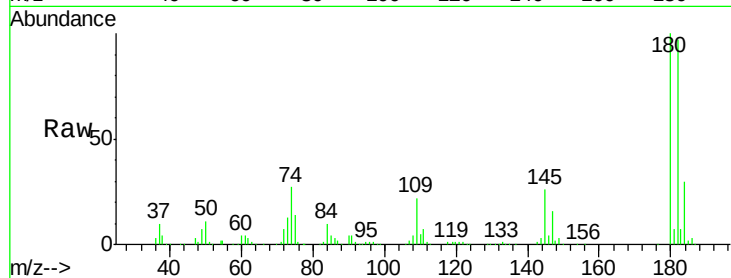
Tot Ion:180 Resp: 597717

Ion Ratio Lower Upper

180 100

182 96.8 47.1 141.3

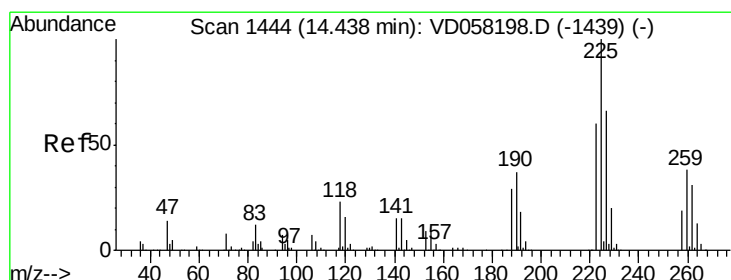
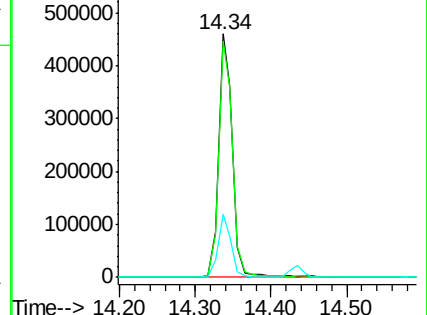
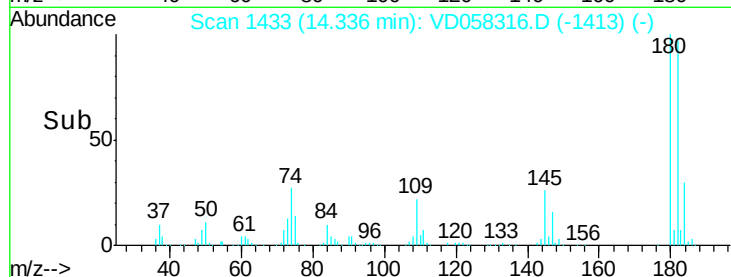
145 26.2 11.7 35.0



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: 47.55 ug/l

RT: 14.43 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD058316.D

Acq: 23 Jun 2018 1:55

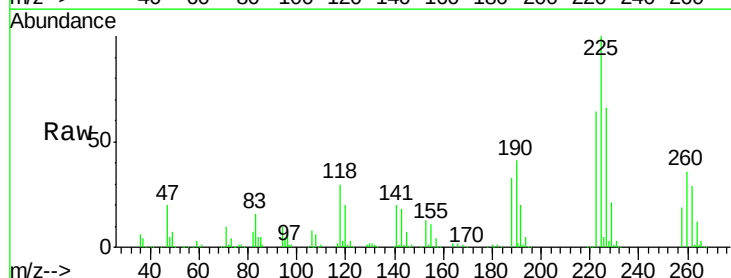
Tgt Ion:225 Resp: 444830

Ion Ratio Lower Upper

225 100

223 63.8 30.1 90.3

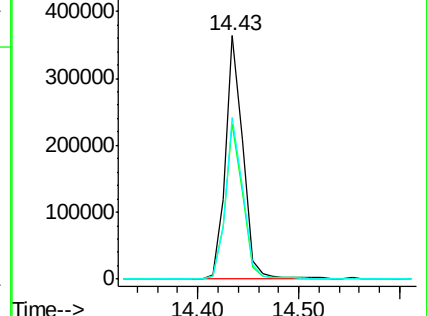
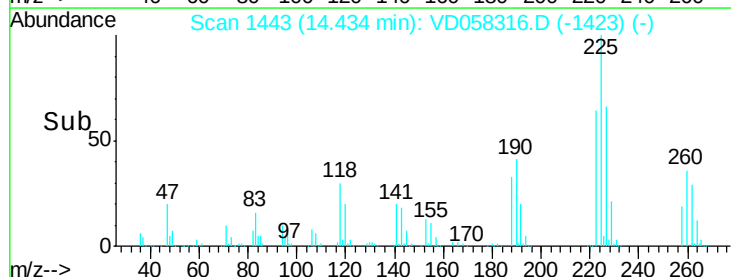
227 66.2 33.0 98.9

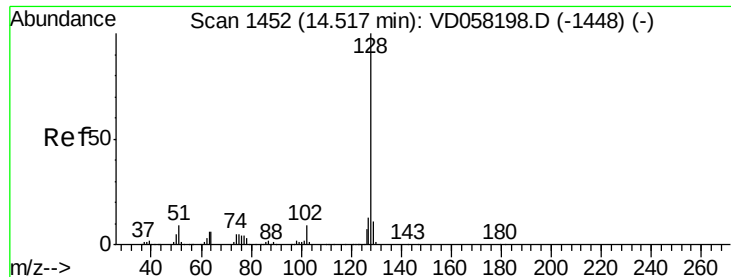


Abundance Ion 224.75 (224.45 to 225.45): V

Ion 222.75 (222.45 to 223.45): V

Ion 226.75 (226.45 to 227.45): V

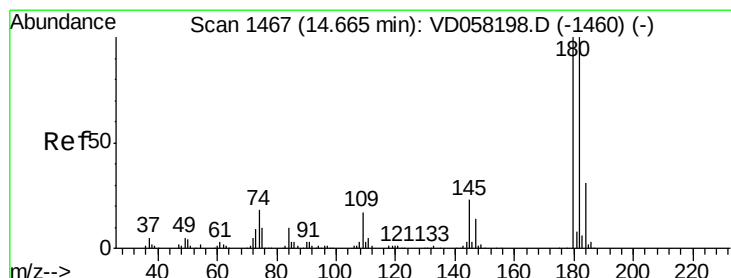
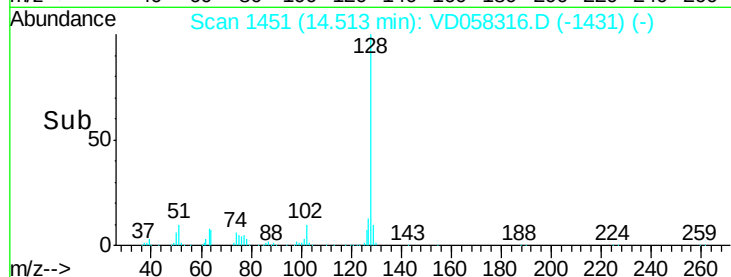
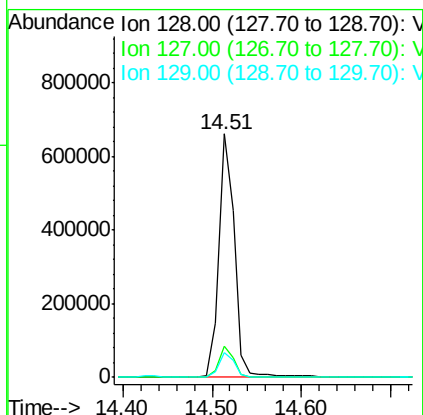
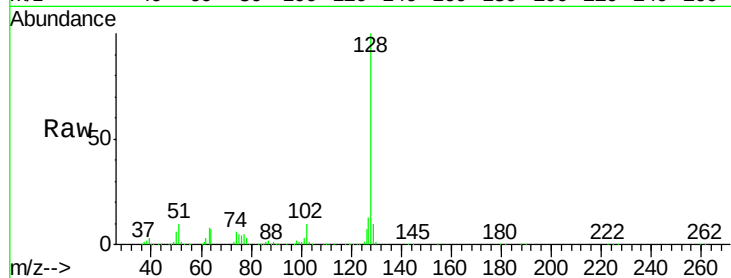




#95  
Naphthalene  
Concen: 51.52 ug/l  
RT: 14.51 min Scan# 1451  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:128 Resp: 811641  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.0 15.0  
129 10.2 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 50.20 ug/l  
RT: 14.66 min Scan# 1466  
Delta R.T. -0.00 min  
Lab File: VD058316.D  
Acq: 23 Jun 2018 1:55

Tgt Ion:180 Resp: 525629  
Ion Ratio Lower Upper  
180 100  
182 98.7 49.9 149.6  
145 25.8 11.7 35.1

