

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\  
 Data File : VD058318.D  
 Acq On : 23 Jun 2018 3:20  
 Operator : VA/AP  
 Sample : VD0622SBS02  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0622SBS02

Quant Time: Jun 23 03:39:00 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      | 5.65  | 168  | 940120   | 50.00 | ug/l  | 0.02     |
| 34) 1,4-Difluorobenzene    | 6.70  | 114  | 1244438  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.69 | 117  | 993765   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.91 | 152  | 496924   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 533687   | 56.20 | ug/l    | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 112.40% |      |
| 35) Dibromofluoromethane  | 5.55   | 113 | 548636   | 54.17 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.34% |      |
| 50) Toluene-d8            | 8.71   | 98  | 1238795  | 50.55 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.10% |      |
| 62) 4-Bromofluorobenzene  | 11.93  | 95  | 507017   | 50.65 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.30% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.35 | 85  | 231212  | 24.15  | ug/l | 97     |
| 3) Chloromethane              | 1.49 | 50  | 107880  | 24.03  | ug/l | # 88   |
| 4) Vinyl Chloride             | 1.57 | 62  | 109204  | 22.17  | ug/l | 98     |
| 5) Bromomethane               | 1.80 | 94  | 35235   | 18.89  | ug/l | 98     |
| 6) Chloroethane               | 1.88 | 64  | 34345   | 17.91  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 2.09 | 101 | 144644  | 21.42  | ug/l | 99     |
| 8) Diethyl Ether              | 2.36 | 74  | 30451   | 21.32  | ug/l | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.56 | 101 | 94383   | 21.99  | ug/l | 90     |
| 10) Methyl Iodide             | 2.70 | 142 | 100240  | 20.53  | ug/l | 97     |
| 11) Tert butyl alcohol        | 3.27 | 59  | 29578   | 94.44  | ug/l | 96     |
| 12) 1,1-Dichloroethene        | 2.55 | 96  | 68602   | 21.24  | ug/l | 83     |
| 13) Acrolein                  | 2.48 | 56  | 16993   | 95.05  | ug/l | 90     |
| 14) Allyl chloride            | 2.93 | 41  | 163683  | 21.77  | ug/l | 96     |
| 15) Acrylonitrile             | 3.37 | 53  | 115519  | 139.11 | ug/l | 98     |
| 16) Acetone                   | 2.62 | 43  | 118937  | 91.59  | ug/l | 94     |
| 17) Carbon Disulfide          | 2.76 | 76  | 222587  | 20.26  | ug/l | 98     |
| 18) Methyl Acetate            | 2.95 | 43  | 54760   | 19.77  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.42 | 73  | 342254  | 39.95  | ug/l | 98     |
| 20) Methylene Chloride        | 3.08 | 84  | 92762   | 24.98  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.40 | 96  | 131297  | 37.20  | ug/l | 92     |
| 22) Diisopropyl ether         | 4.09 | 45  | 654459  | 21.92  | ug/l | 99     |
| 23) Vinyl Acetate             | 4.03 | 43  | 1671709 | 104.45 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.99 | 63  | 373086  | 23.19  | ug/l | 99     |
| 25) 2-Butanone                | 4.85 | 43  | 303986  | 107.40 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.81 | 77  | 278521  | 20.68  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.82 | 96  | 210204  | 23.83  | ug/l | 98     |
| 28) Bromochloromethane        | 5.15 | 49  | 161963  | 22.46  | ug/l | 98     |
| 29) Tetrahydrofuran           | 5.20 | 42  | 158935  | 105.49 | ug/l | 100    |
| 30) Chloroform                | 5.33 | 83  | 391789  | 23.07  | ug/l | 97     |
| 31) Cyclohexane               | 5.60 | 56  | 298582  | 22.71  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.53 | 97  | 307152  | 21.89  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.75 | 75  | 270475  | 21.97  | ug/l | 97     |
| 37) Ethyl Acetate             | 4.93 | 43  | 148614  | 21.19  | ug/l | 97     |
| 38) Carbon Tetrachloride      | 5.73 | 117 | 260417  | 21.29  | ug/l | 94     |

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 Sample : VD0622SBS02  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0622SBS02

Quant Time: Jun 23 03:39:00 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   | 260093   | 21.69  | ug/l   | 95       |
| 40) Benzene                    | 6.03  | 78   | 648670   | 22.12  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.14  | 41   | 74303    | 21.94  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.14  | 62   | 258720   | 21.88  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 7.62  | 43   | 188160   | 20.12  | ug/l # | 98       |
| 44) Trichloroethene            | 6.99  | 130  | 196396   | 22.30  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 7.36  | 63   | 162005   | 20.51  | ug/l   | 99       |
| 46) Dibromomethane             | 7.46  | 93   | 117960   | 21.88  | ug/l   | 83       |
| 47) Bromodichloromethane       | 7.75  | 83   | 268336   | 21.83  | ug/l   | 96       |
| 48) Methyl methacrylate        | 7.51  | 41   | 120031   | 21.12  | ug/l   | 90       |
| 49) 1,4-Dioxane                | 7.50  | 88   | 21463    | 418.35 | ug/l # | 76       |
| 51) 4-Methyl-2-Pentanone       | 8.61  | 43   | 654807   | 107.35 | ug/l   | 100      |
| 52) Toluene                    | 8.81  | 92   | 367389   | 22.00  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.20  | 75   | 223072   | 20.87  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.37  | 75   | 263960   | 21.06  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.46  | 97   | 130696   | 22.12  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.32  | 69   | 152143   | 21.53  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 9.67  | 76   | 220431   | 22.15  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 8.19  | 63   | 393386   | 112.47 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.79  | 43   | 461520   | 104.71 | ug/l   | 94       |
| 60) Dibromochloromethane       | 9.96  | 129  | 168894   | 21.07  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 10.10 | 107  | 139969   | 21.65  | ug/l   | 94       |
| 64) Tetrachloroethene          | 9.52  | 164  | 207218   | 24.78  | ug/l   | 100      |
| 65) Chlorobenzene              | 10.72 | 112  | 413345   | 22.24  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.85 | 131  | 157764   | 21.99  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.86 | 91   | 742590   | 22.63  | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.02 | 106  | 467434   | 42.71  | ug/l   | 99       |
| 69) o-Xylene                   | 11.41 | 106  | 232067   | 22.20  | ug/l   | 96       |
| 70) Styrene                    | 11.43 | 104  | 392389   | 22.00  | ug/l   | 97       |
| 71) Bromoform                  | 11.60 | 173  | 118401   | 20.69  | ug/l   | 96       |
| 73) Isopropylbenzene           | 11.78 | 105  | 670577   | 22.56  | ug/l   | 100      |
| 74) N-amyl acetate             | 11.65 | 43   | 251170   | 21.85  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.08 | 83   | 150557   | 21.77  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.11 | 75   | 155852   | 21.48  | ug/l   | 100      |
| 77) Bromobenzene               | 12.04 | 156  | 205252   | 23.06  | ug/l   | 88       |
| 78) n-propylbenzene            | 12.15 | 91   | 895639   | 23.33  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 12.22 | 91   | 515022   | 23.45  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.32 | 105  | 507976   | 21.91  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.85 | 75   | 34095    | 19.27  | ug/l   | 88       |
| 82) 4-Chlorotoluene            | 12.33 | 91   | 535577   | 21.97  | ug/l   | 93       |
| 83) tert-Butylbenzene          | 12.57 | 119  | 598907   | 22.47  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene     | 12.62 | 105  | 575511   | 22.84  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 12.76 | 105  | 710563   | 22.74  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 12.89 | 119  | 569778   | 22.51  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.84 | 146  | 346209   | 22.38  | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene        | 12.93 | 146  | 329255   | 21.80  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.19 | 91   | 595239   | 22.37  | ug/l   | 95       |
| 90) Hexachloroethane           | 13.40 | 117  | 145989   | 22.22  | ug/l   | 73       |
| 91) 1,2-Dichlorobenzene        | 13.19 | 146  | 290493   | 22.07  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.77 | 75   | 24269    | 22.05  | ug/l   | 71       |

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Data File : VD058318.D  
Acq On : 23 Jun 2018 3:20  
Operator : VA/AP  
Sample : VD0622SBS02  
Misc : 5.00µl/5ml/MSVOA D/SOIL  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0622SBS02

Quant Time: Jun 23 03:39:00 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

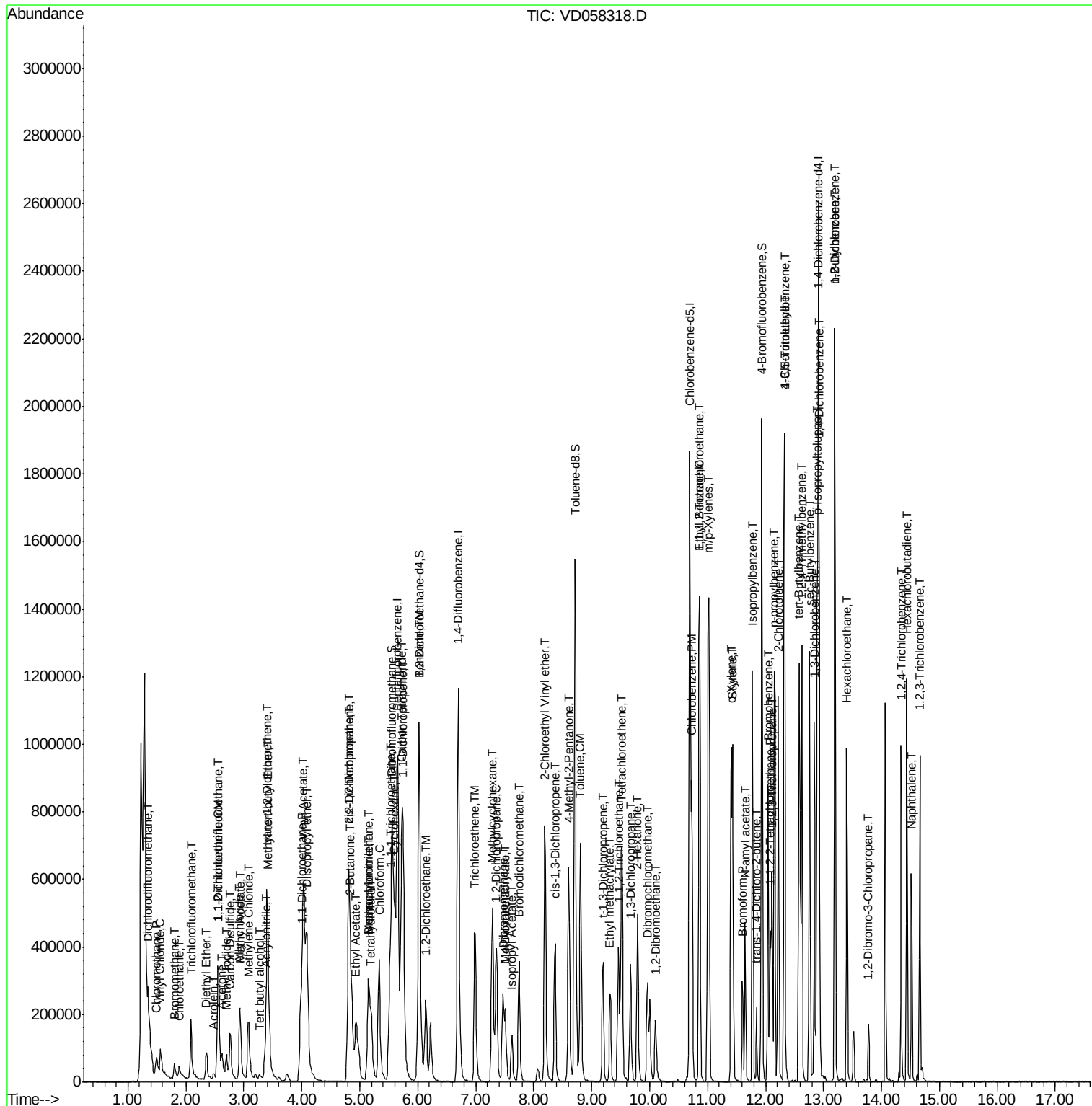
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.34 | 180  | 258810   | 20.55 | µg/l  | 93       |
| 94) Hexachlorobutadiene    | 14.43 | 225  | 198571   | 20.16 | µg/l  | 98       |
| 95) Naphthalene            | 14.51 | 128  | 352716   | 21.27 | µg/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 223325   | 20.26 | µg/l  | 96       |

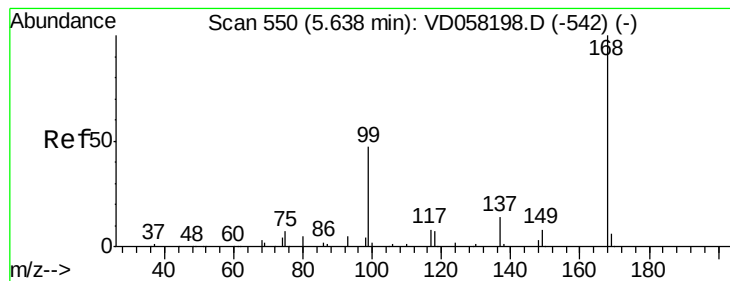
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062218\  
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ALS Vial : 32 Sample Multiplier: 1

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VD0622SBS02

Quant Time: Jun 23 03:39:00 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

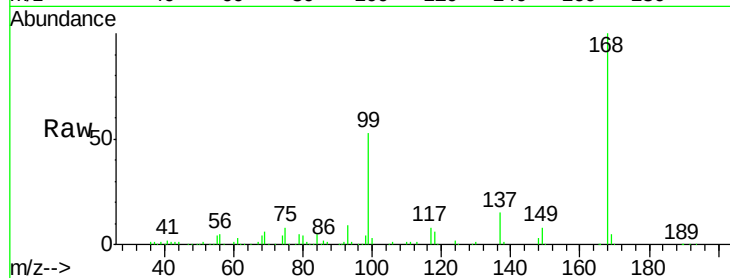
VD0622SBS02

Tot Ion:168 Resp: 940120

Ion Ratio Lower Upper

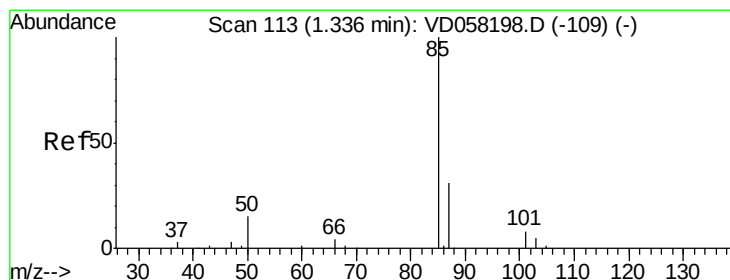
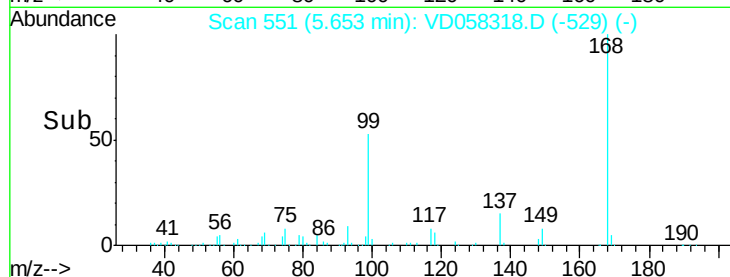
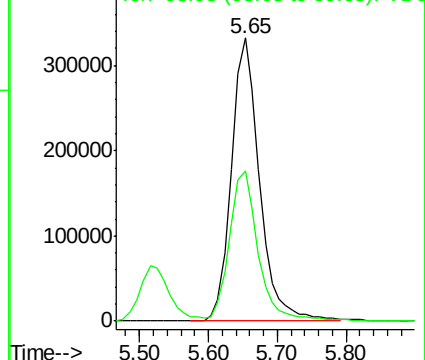
168 100

99 53.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 24.15 ug/l

RT: 1.35 min Scan# 114

Delta R.T. 0.02 min

Lab File: VD058318.D

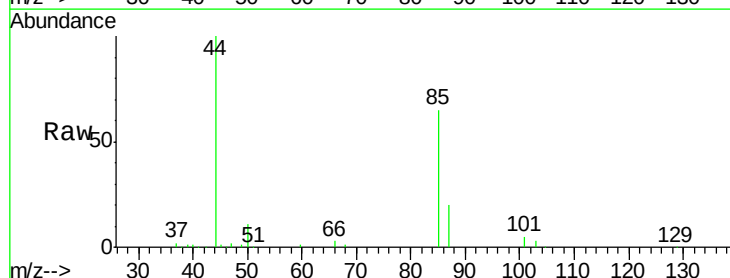
Acq: 23 Jun 2018 3:20

Tgt Ion: 85 Resp: 231212

Ion Ratio Lower Upper

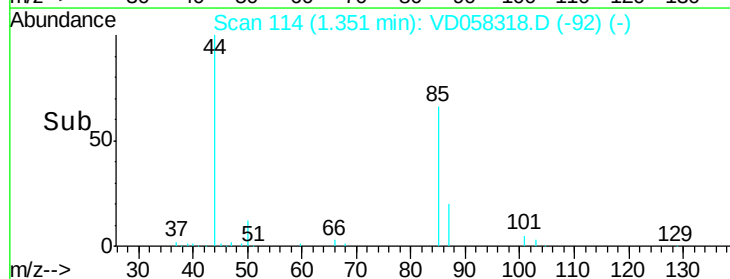
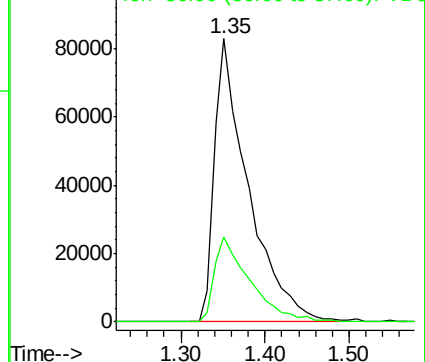
85 100

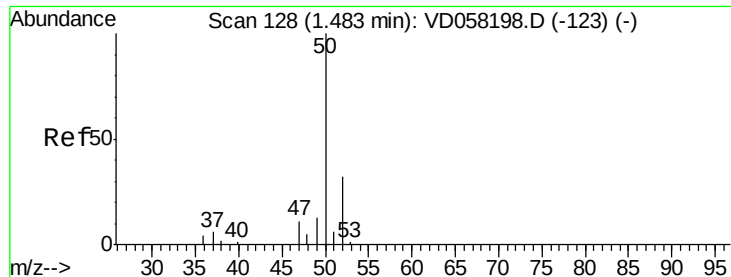
87 29.9 15.7 47.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 24.03 ug/l

RT: 1.49 min Scan# 128

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

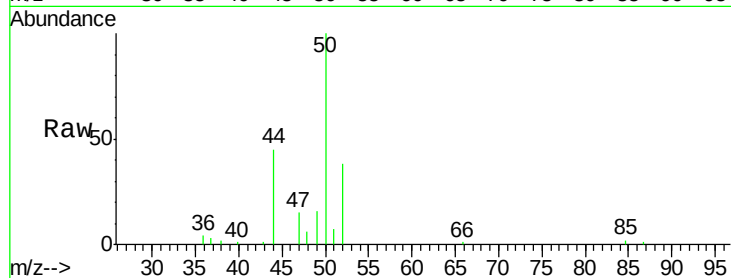
VD0622SBS02

Tot Ion: 50 Resp: 107880

Ion Ratio Lower Upper

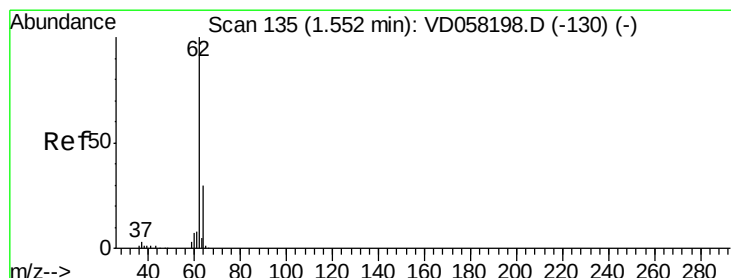
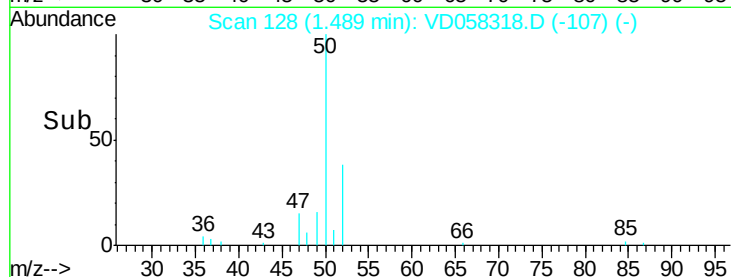
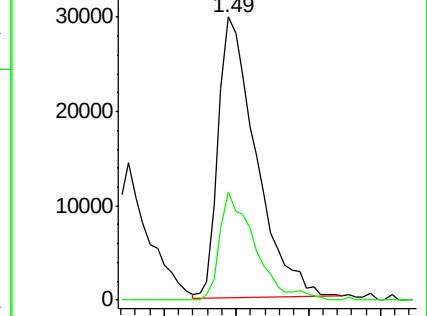
50 100

52 38.0 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: 22.17 ug/l

RT: 1.57 min Scan# 136

Delta R.T. 0.02 min

Lab File: VD058318.D

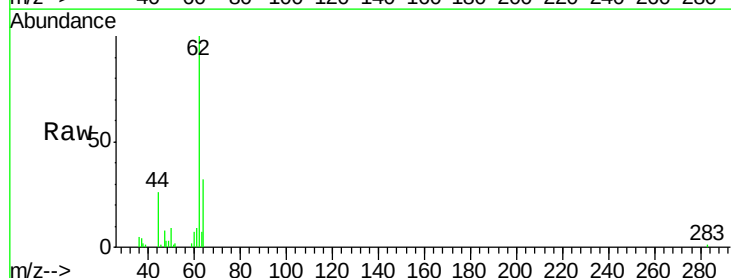
Acq: 23 Jun 2018 3:20

Tgt Ion: 62 Resp: 109204

Ion Ratio Lower Upper

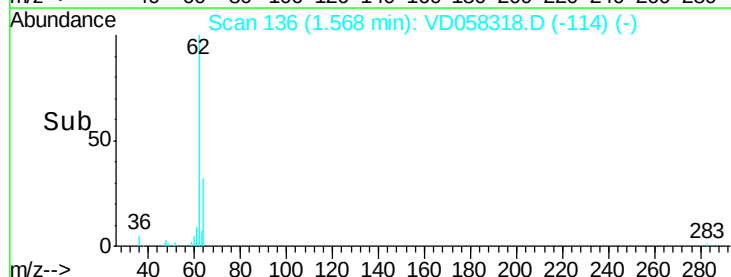
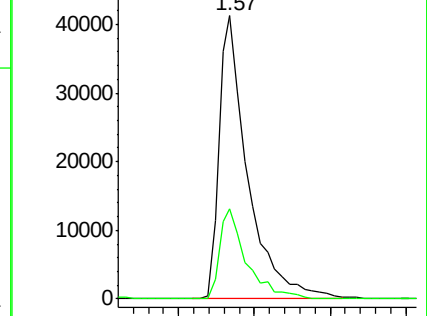
62 100

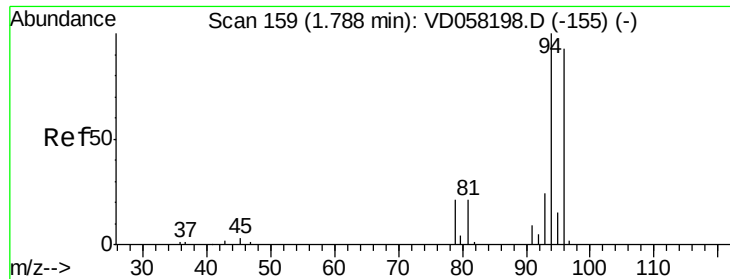
64 31.7 24.4 36.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 18.89 ug/l

RT: 1.80 min Scan# 160

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

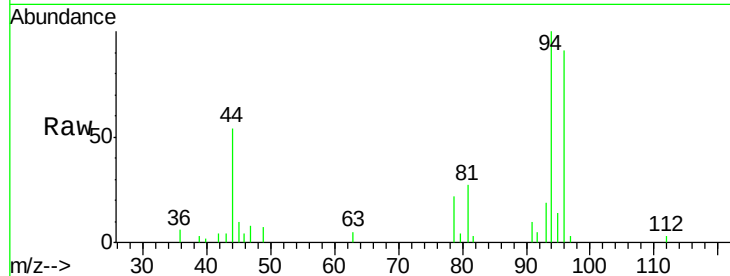
VD0622SBS02

Tot Ion: 94 Resp: 35235

Ion Ratio Lower Upper

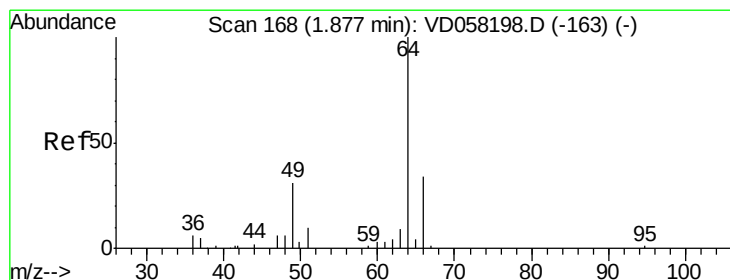
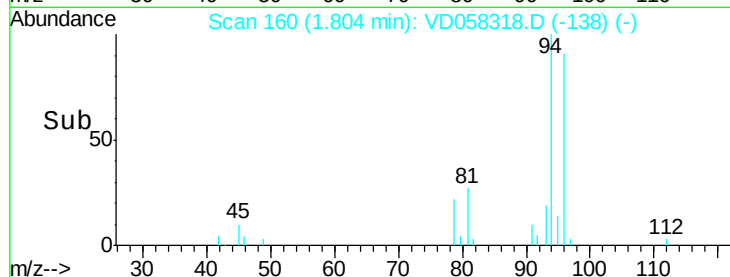
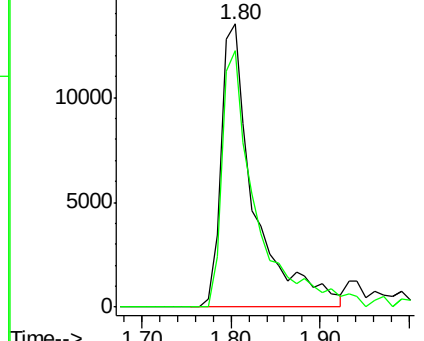
94 100

96 90.7 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: 17.91 ug/l

RT: 1.88 min Scan# 168

Delta R.T. 0.01 min

Lab File: VD058318.D

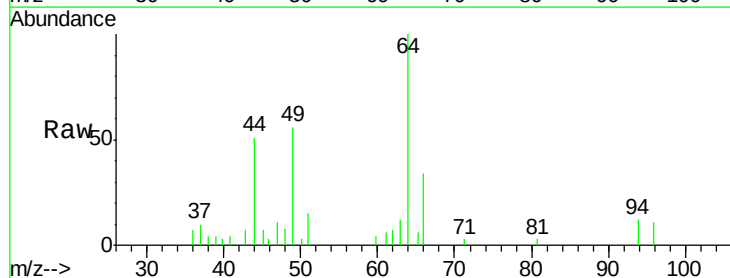
Acq: 23 Jun 2018 3:20

Tgt Ion: 64 Resp: 34345

Ion Ratio Lower Upper

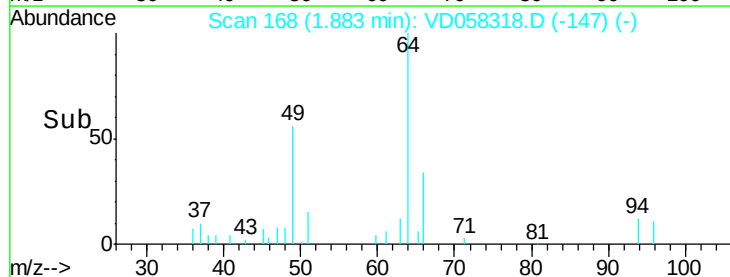
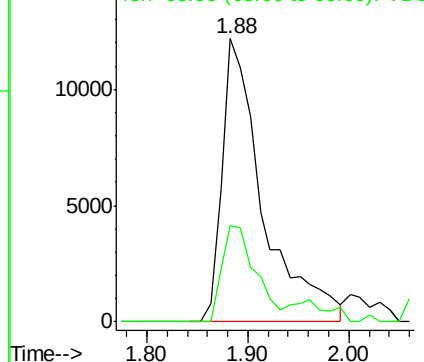
64 100

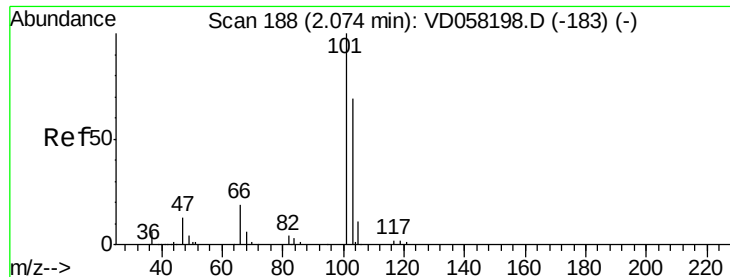
66 34.2 27.3 40.9



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



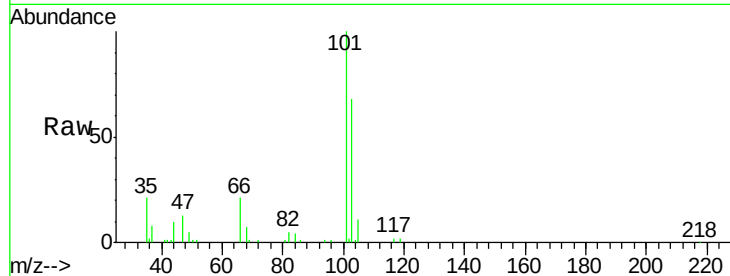


#7

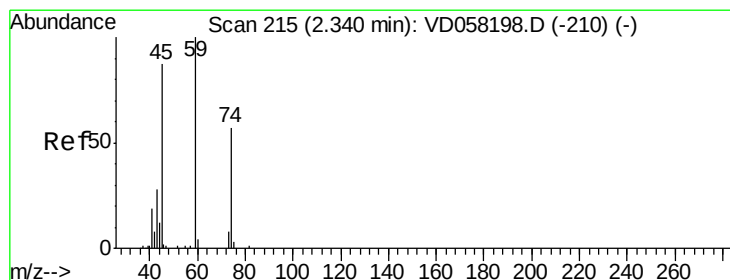
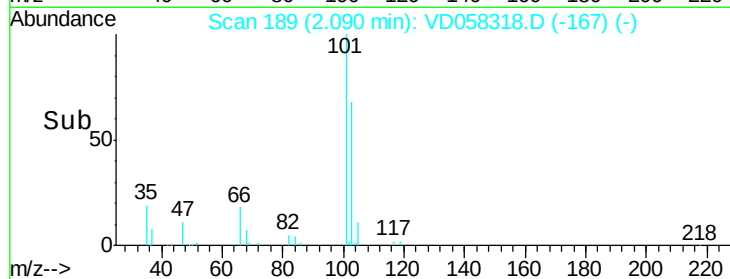
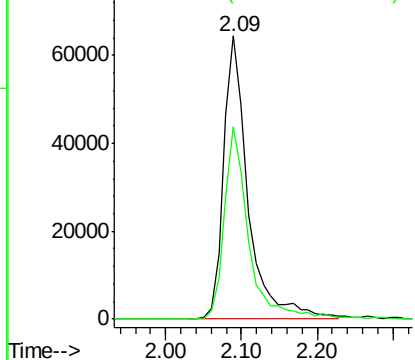
Trichlorofluoromethane  
 Concen: 21.42 ug/l  
 RT: 2.09 min Scan# 189  
 Delta R.T. 0.02 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0622SBS02

Tot Ion:101 Resp: 144644  
 Ion Ratio Lower Upper  
 101 100  
 103 67.9 55.1 82.7



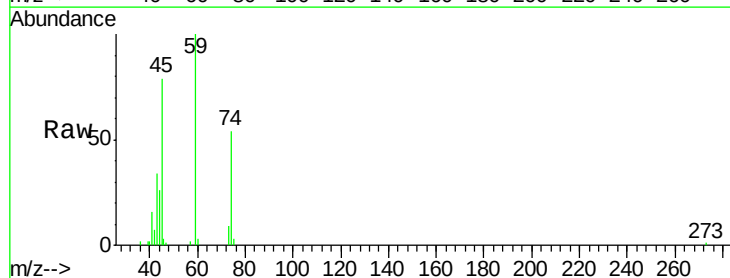
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



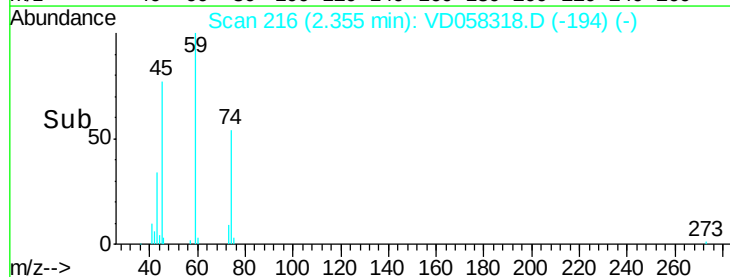
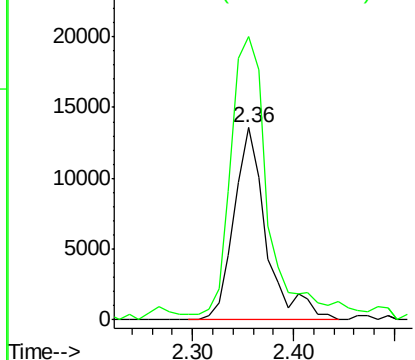
#8

Diethyl Ether  
 Concen: 21.32 ug/l  
 RT: 2.36 min Scan# 216  
 Delta R.T. 0.02 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

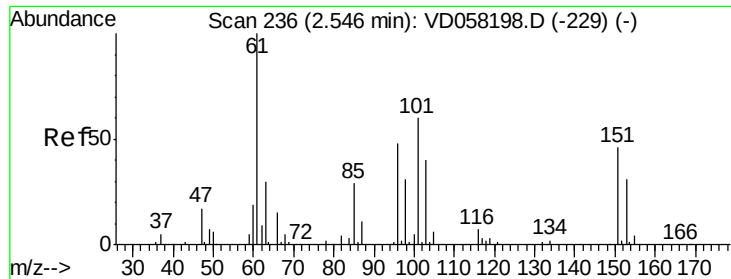
Tgt Ion: 74 Resp: 30451  
 Ion Ratio Lower Upper  
 74 100  
 45 147.5 77.5 232.6



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: 21.99 ug/l

RT: 2.56 min Scan# 237

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

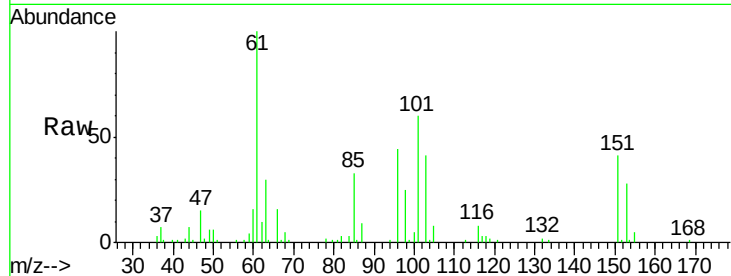
Tot Ion:101 Resp: 94383

Ion Ratio Lower Upper

101 100

85 54.8 39.0 58.4

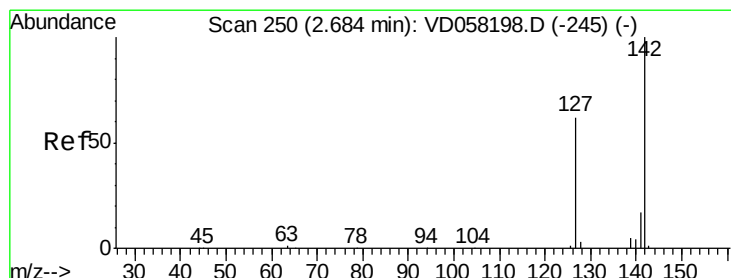
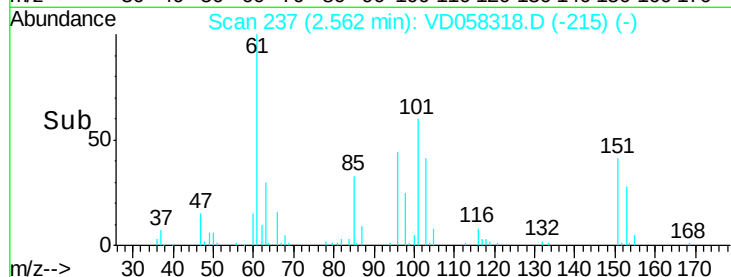
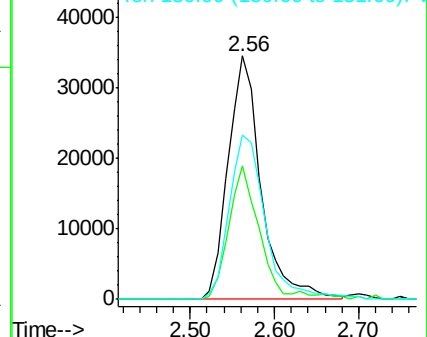
151 67.6 61.8 92.8



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: 20.53 ug/l

RT: 2.70 min Scan# 251

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

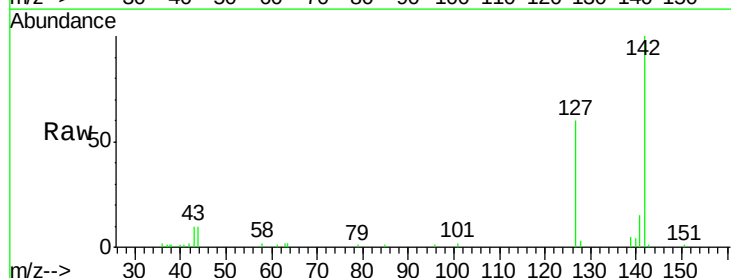
Tgt Ion:142 Resp: 100240

Ion Ratio Lower Upper

142 100

127 60.2 49.4 74.0

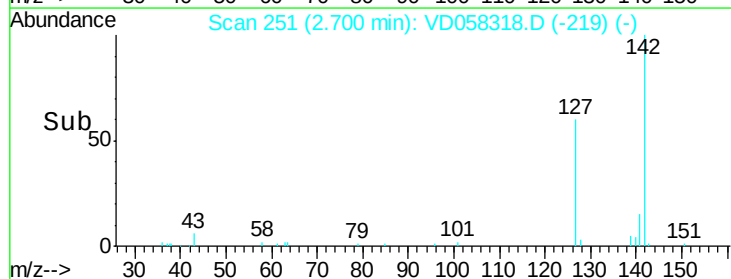
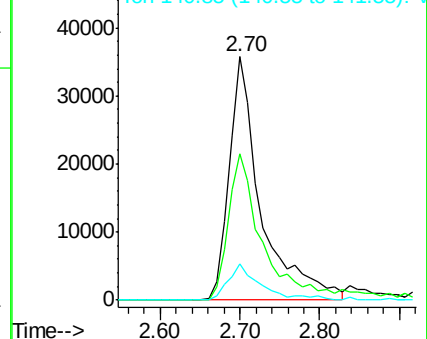
141 14.7 13.5 20.3

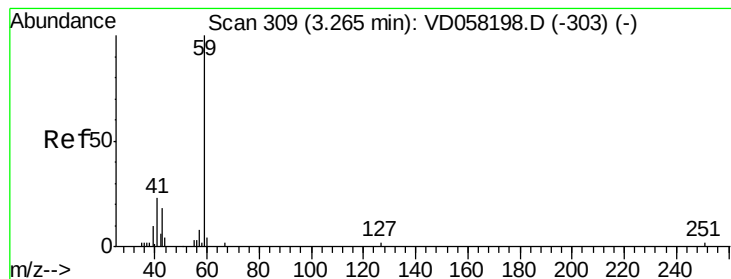


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 94.44 ug/l

RT: 3.27 min Scan# 309

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

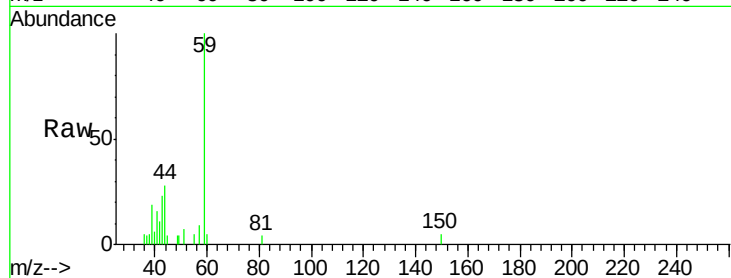
VD0622SBS02

Tot Ion: 59 Resp: 29578

Ion Ratio Lower Upper

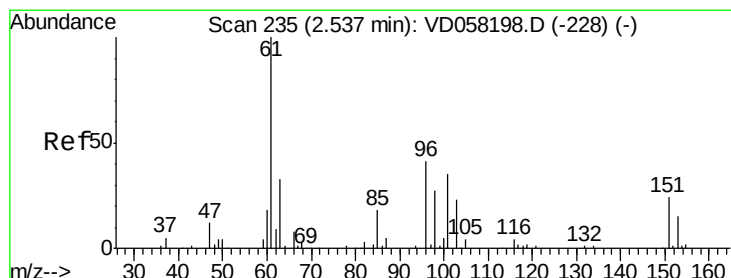
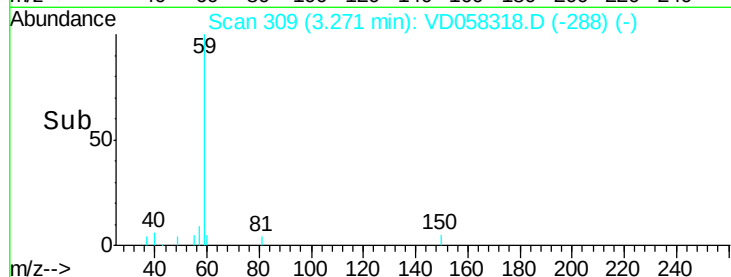
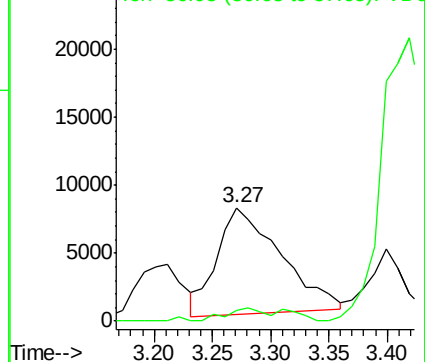
59 100

57 9.3 6.2 9.4



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#12

1,1-Dichloroethene

Concen: 21.24 ug/l

RT: 2.55 min Scan# 236

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

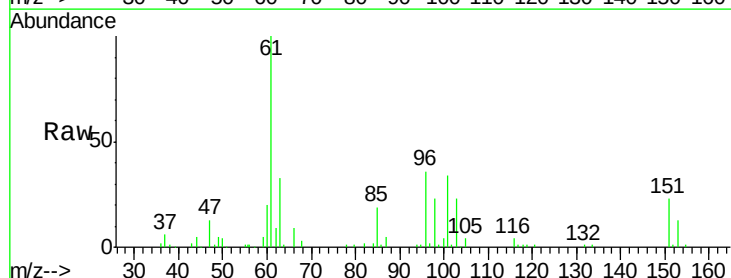
Tgt Ion: 96 Resp: 68602

Ion Ratio Lower Upper

96 100

61 278.4 193.9 290.9

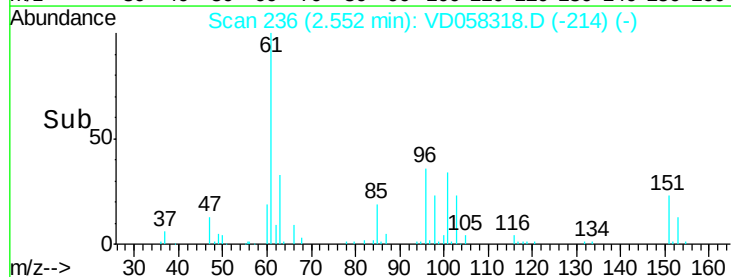
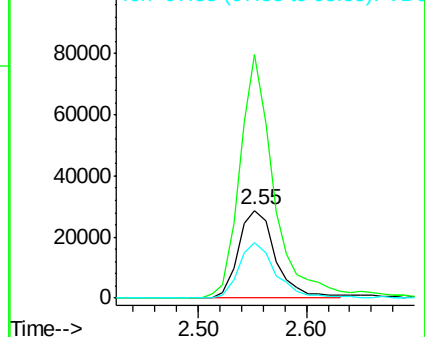
98 63.1 51.7 77.5

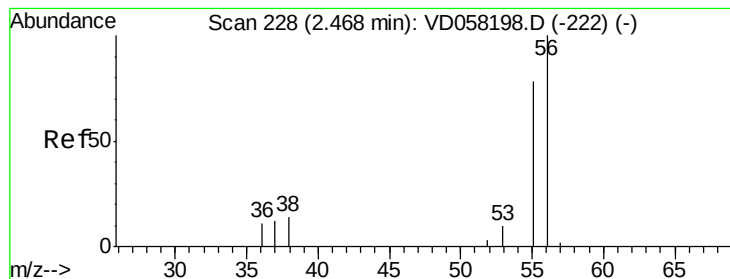


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 95.05 ug/l

RT: 2.48 min Scan# 229

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

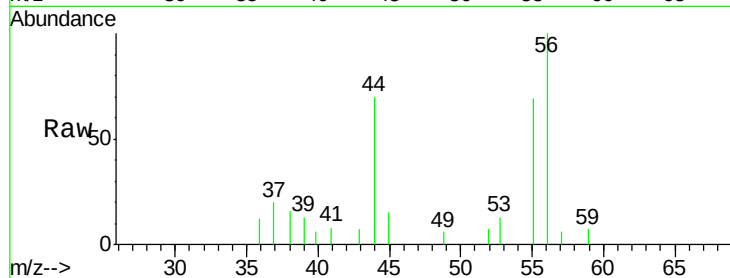
VD0622SBS02

Tot Ion: 56 Resp: 16993

Ion Ratio Lower Upper

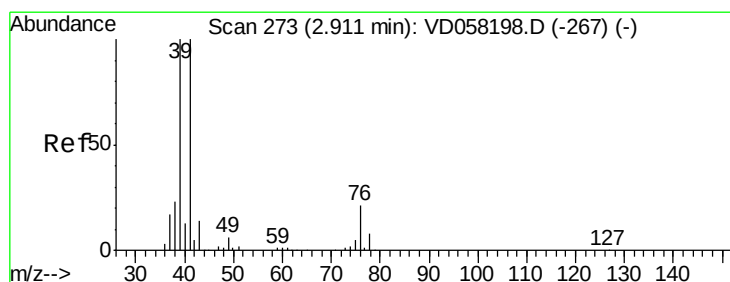
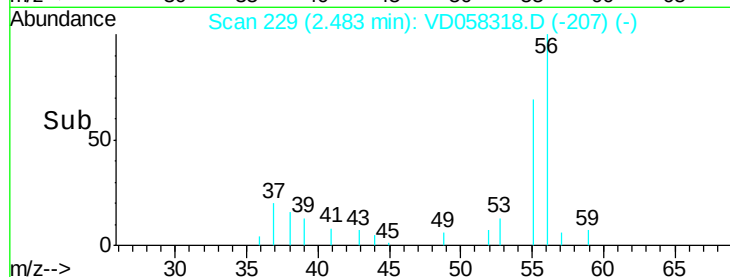
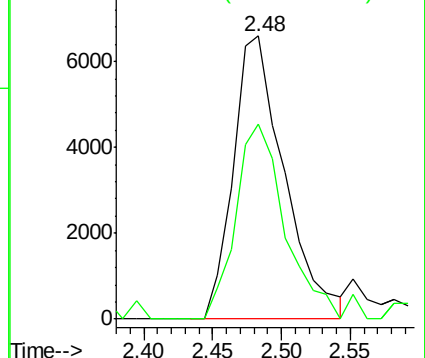
56 100

55 68.7 62.1 93.1



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.77 ug/l

RT: 2.93 min Scan# 274

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

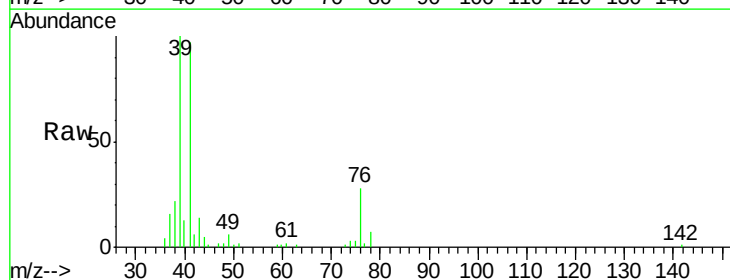
Tgt Ion: 41 Resp: 163683

Ion Ratio Lower Upper

41 100

39 102.9 80.1 120.1

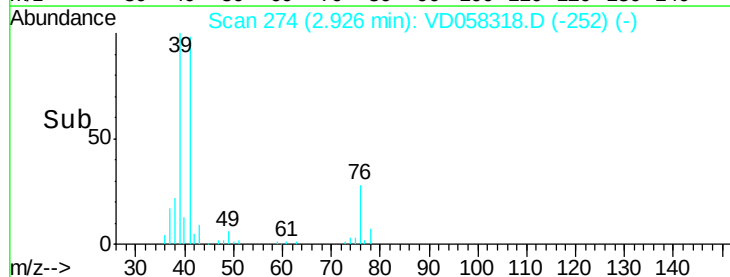
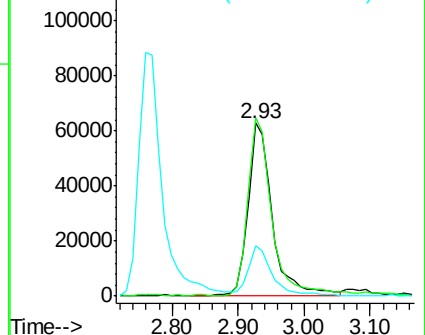
76 28.9 19.4 29.2

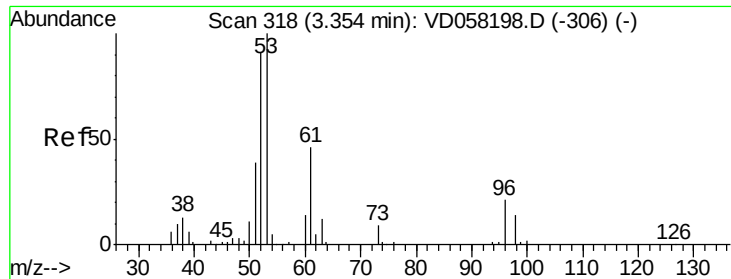


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 139.11 ug/l

RT: 3.37 min Scan# 319

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

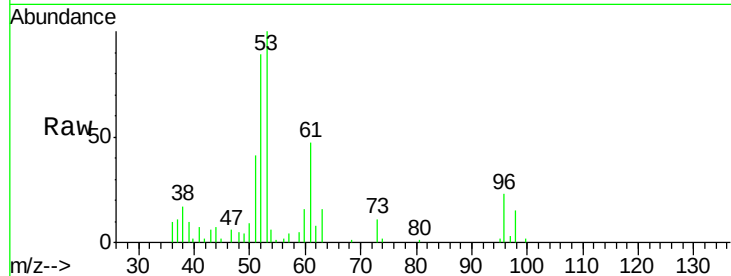
Tot Ion: 53 Resp: 115519

Ion Ratio Lower Upper

53 100

52 88.9 72.6 108.8

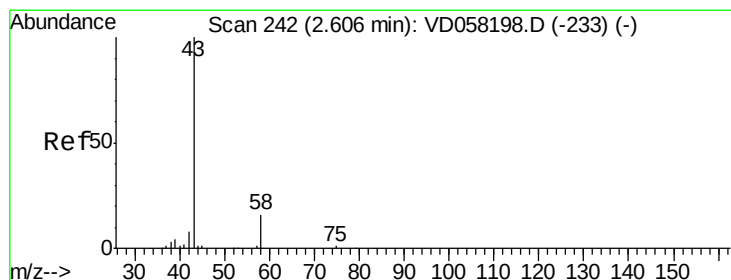
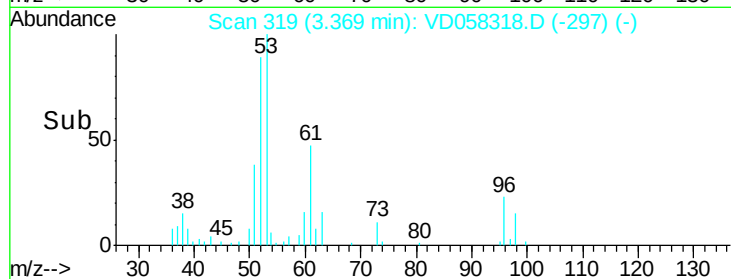
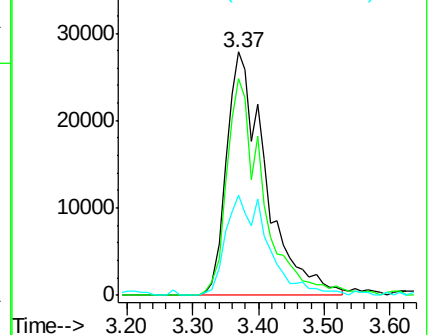
51 41.4 32.2 48.4



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 91.59 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD058318.D

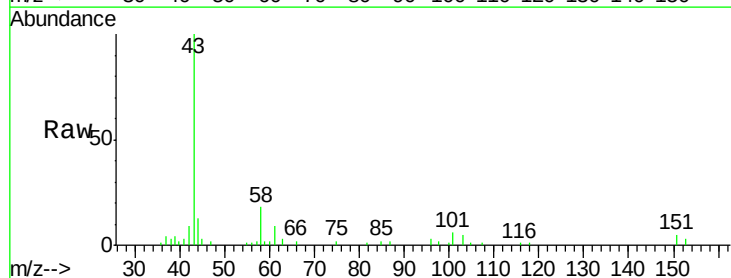
Acq: 23 Jun 2018 3:20

Tgt Ion: 43 Resp: 118937

Ion Ratio Lower Upper

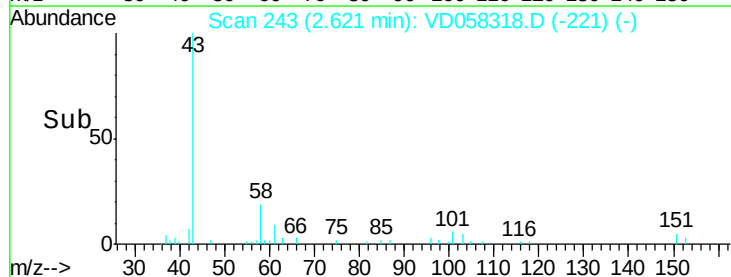
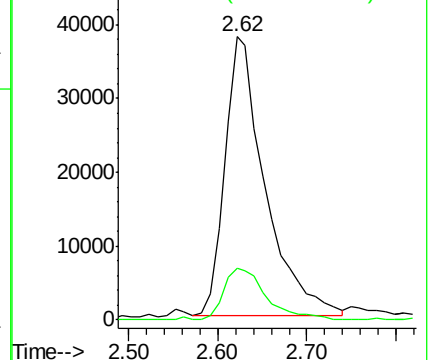
43 100

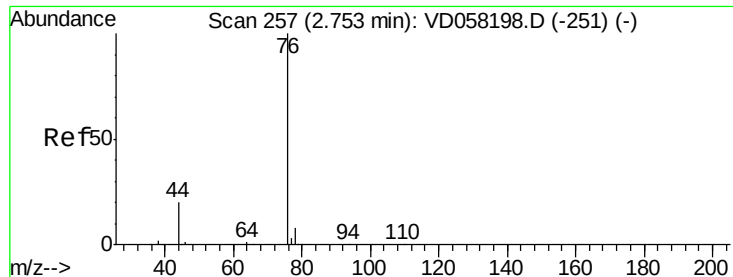
58 18.3 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

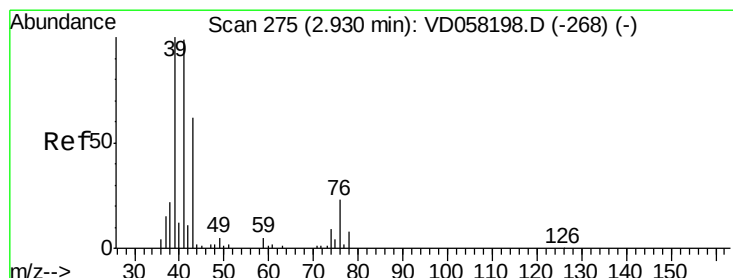
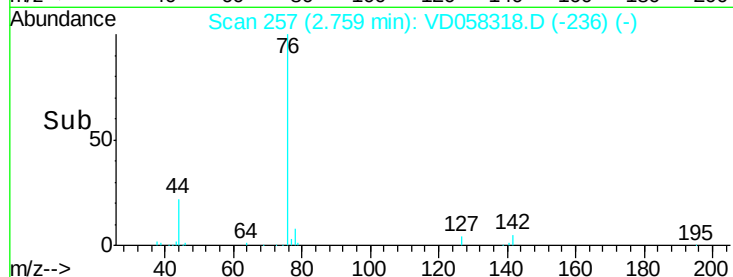
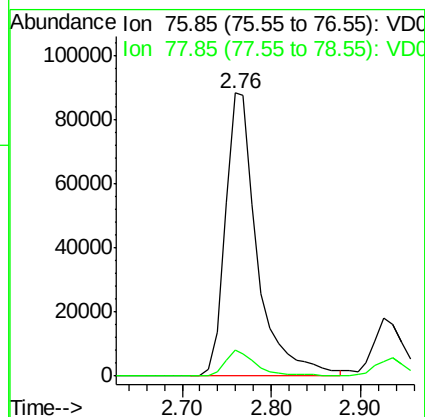
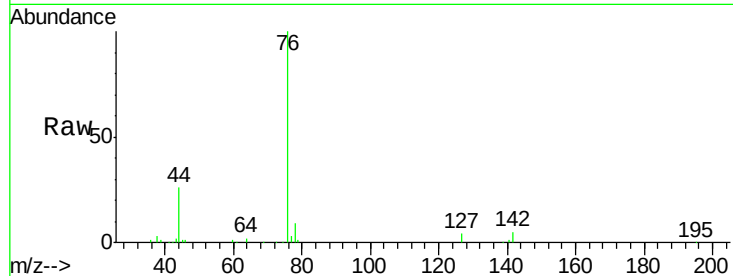




#17  
Carbon Disulfide  
Concen: 20.26 ug/l  
RT: 2.76 min Scan# 257  
Delta R.T. 0.01 min  
Lab File: VD058318.D  
Acq: 23 Jun 2018 3:20

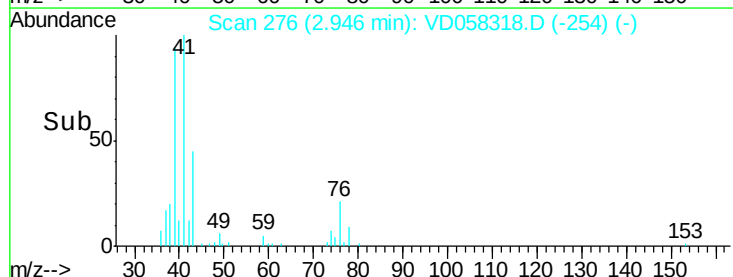
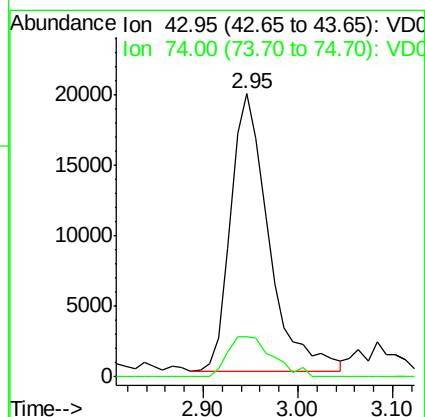
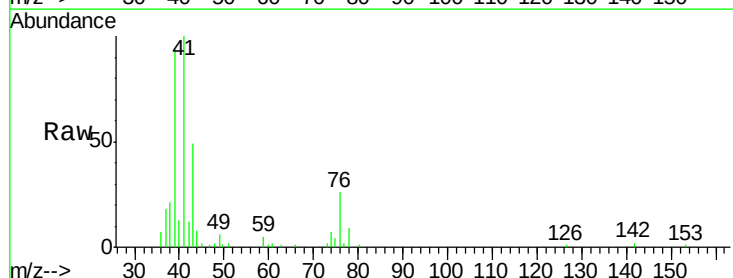
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0622SBS02

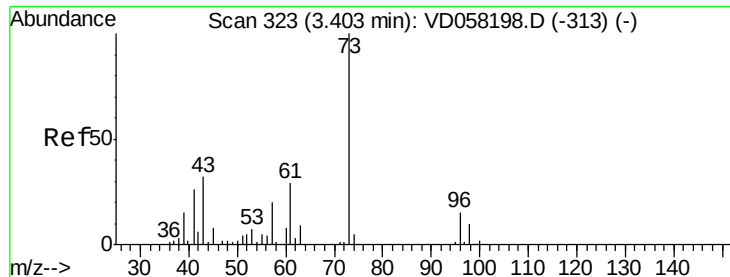
Tot Ion: 76 Resp: 222587  
Ion Ratio Lower Upper  
76 100  
78 9.2 6.8 10.2



#18  
Methyl Acetate  
Concen: 19.77 ug/l  
RT: 2.95 min Scan# 276  
Delta R.T. 0.02 min  
Lab File: VD058318.D  
Acq: 23 Jun 2018 3:20

Tgt Ion: 43 Resp: 54760  
Ion Ratio Lower Upper  
43 100  
74 14.0 11.7 17.5





#19

Methyl tert-butyl Ether

Concen: 39.95 ug/l

RT: 3.42 min Scan# 324

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

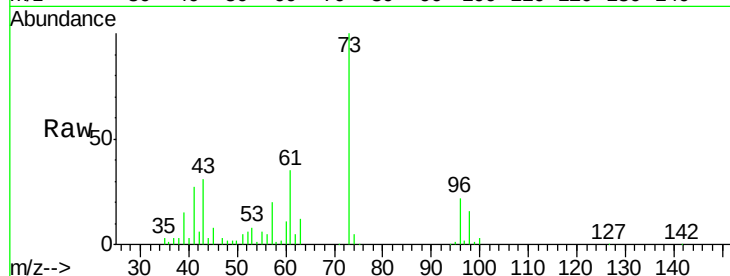
VD0622SBS02

Tot Ion: 73 Resp: 342254

Ion Ratio Lower Upper

73 100

57 19.6 16.6 24.8



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.05 (56.75 to 57.75): VDC

3.42

120000

100000

80000

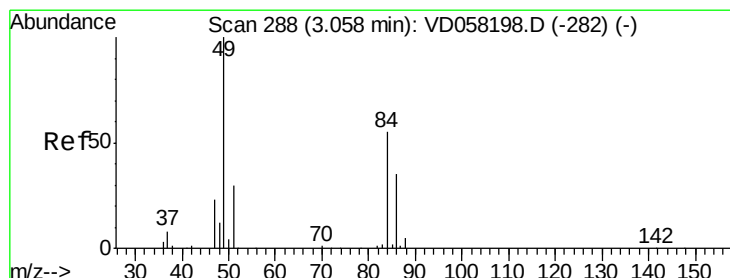
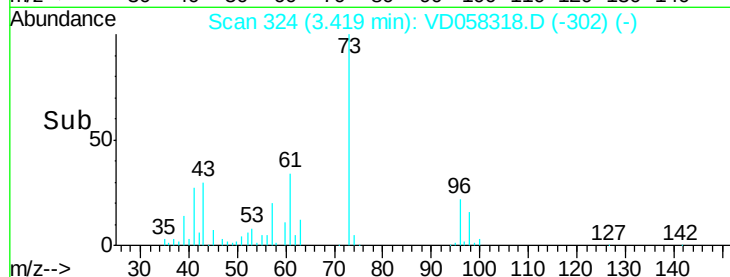
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 24.98 ug/l

RT: 3.08 min Scan# 290

Delta R.T. 0.03 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Tgt Ion: 84 Resp: 92762

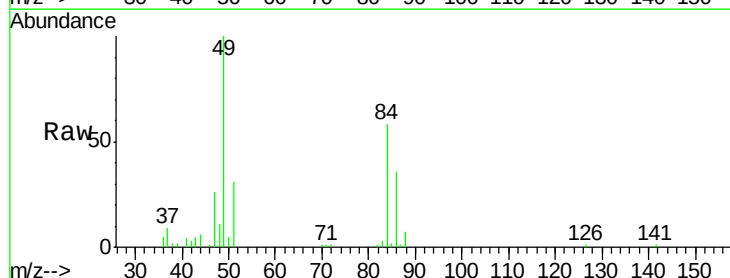
Ion Ratio Lower Upper

84 100

49 171.6 145.0 217.6

51 52.8 42.9 64.3

86 62.5 50.1 75.1



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

80000

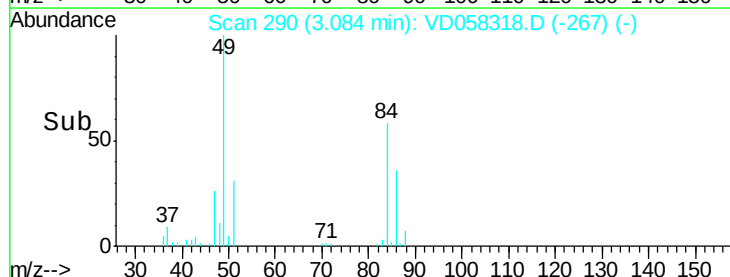
60000

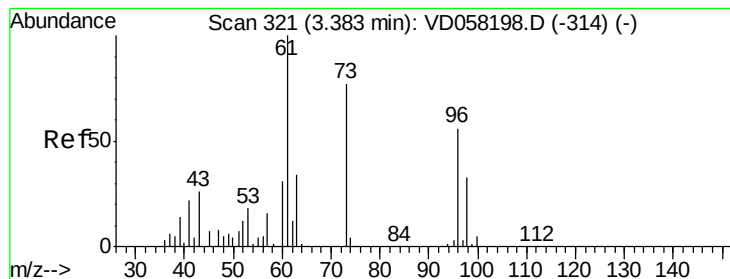
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 37.20 ug/l

RT: 3.40 min Scan# 322

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

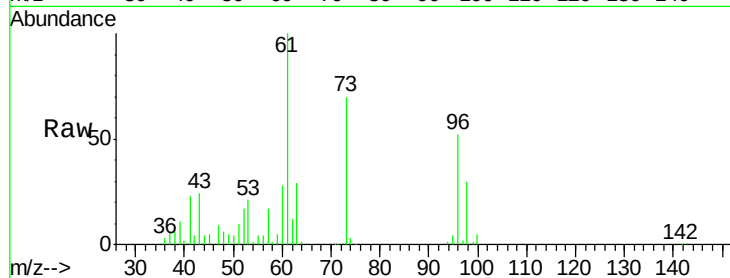
Tot Ion: 96 Resp: 131297

Ion Ratio Lower Upper

96 100

61 193.4 143.8 215.6

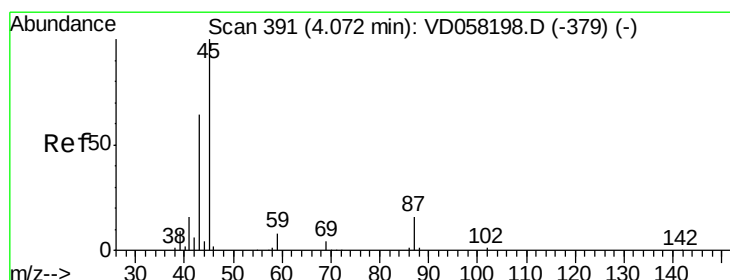
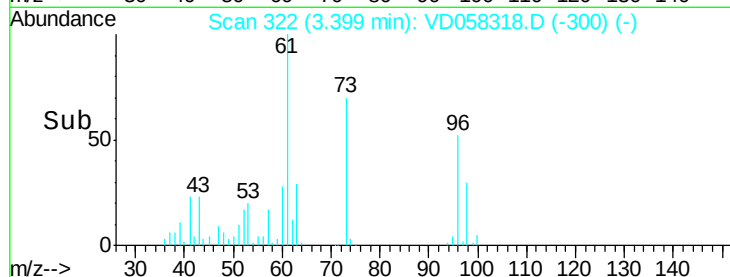
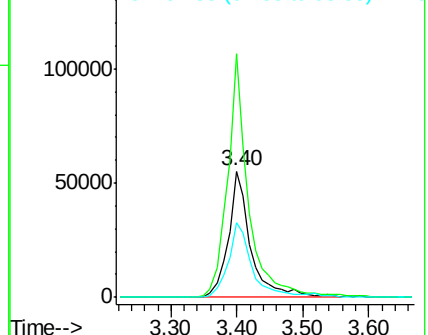
98 58.8 48.0 72.0



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: 21.92 ug/l

RT: 4.09 min Scan# 392

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Tgt Ion: 45 Resp: 654459

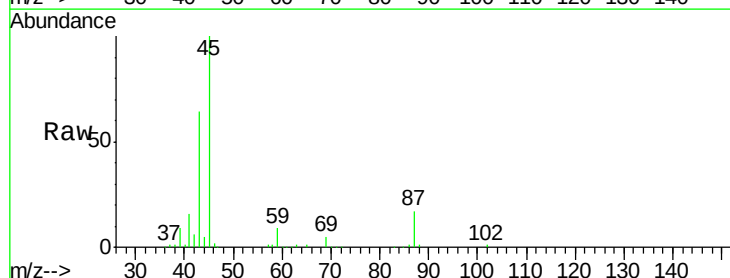
Ion Ratio Lower Upper

45 100

43 64.4 51.4 77.0

87 16.7 13.0 19.4

59 9.5 6.9 10.3

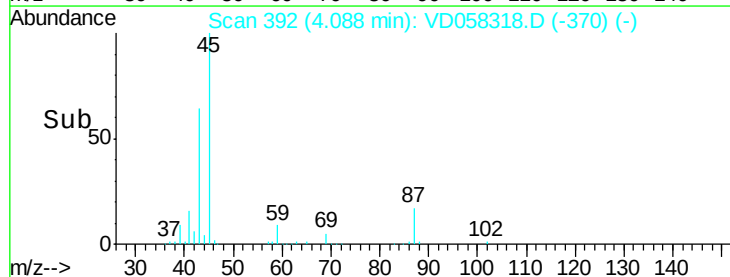
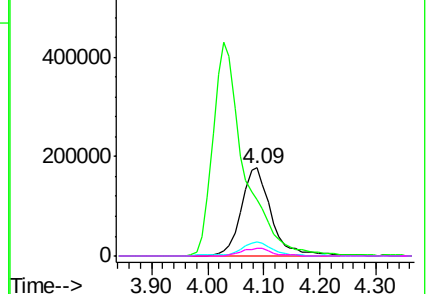


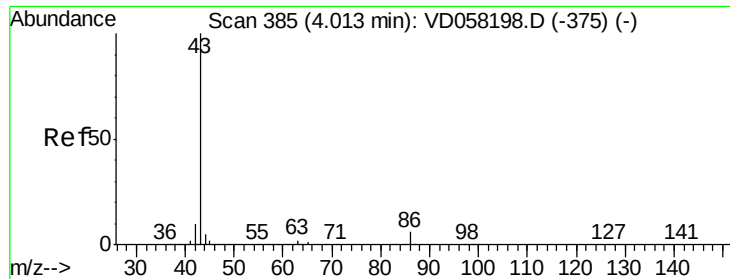
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 104.45 ug/l

RT: 4.03 min Scan# 386

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

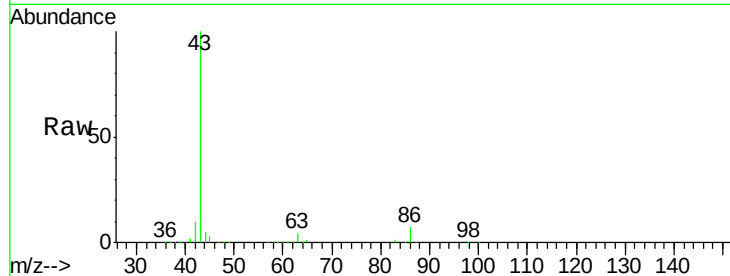
VD0622SBS02

Tot Ion: 43 Resp: 1671709

Ion Ratio Lower Upper

43 100

86 6.6 5.0 7.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

4.03

400000

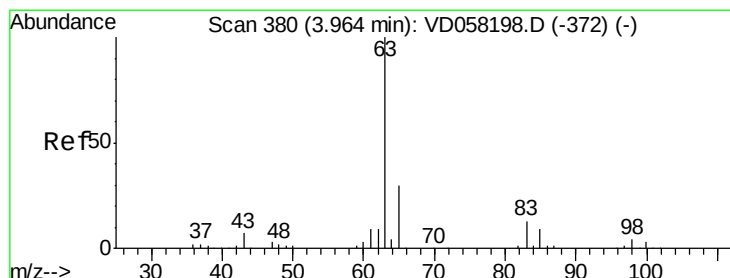
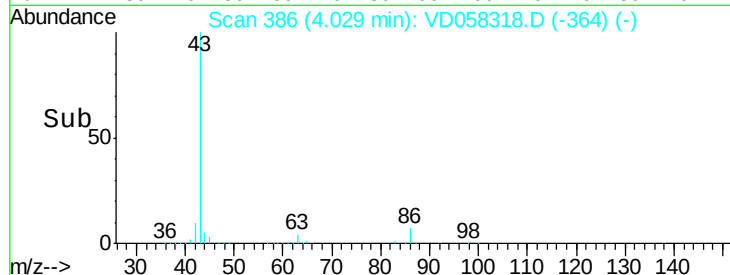
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.19 ug/l

RT: 3.99 min Scan# 382

Delta R.T. 0.03 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

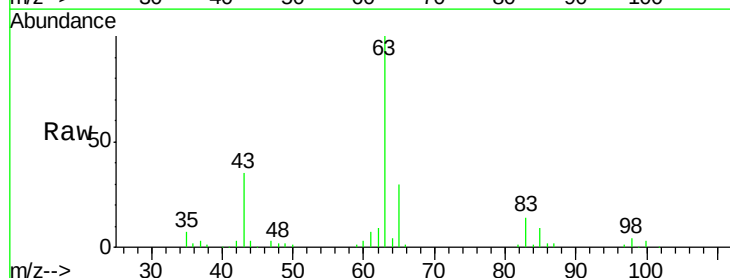
Tgt Ion: 63 Resp: 373086

Ion Ratio Lower Upper

63 100

98 3.6 1.9 5.7

100 2.8 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

3.99

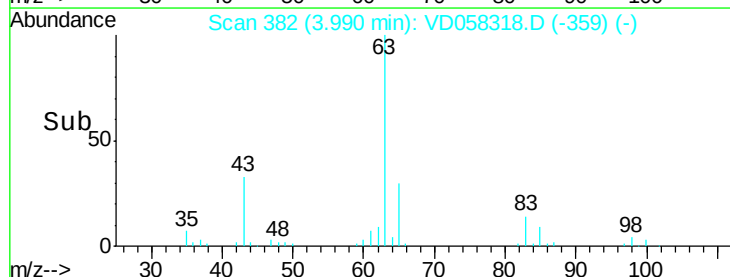
150000

100000

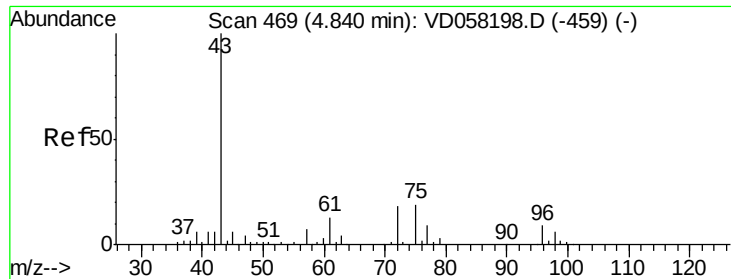
50000

0

Time-->







#25

2-Butanone

Concen: 107.40 ug/l

RT: 4.85 min Scan# 469

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

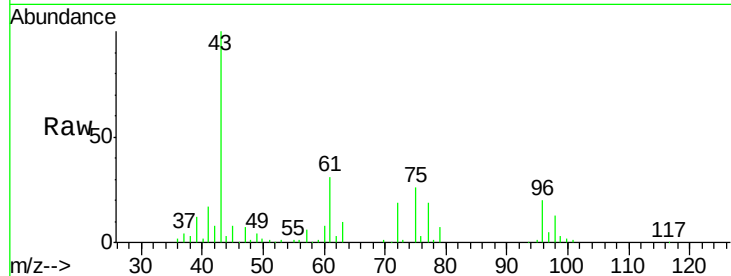
VD0622SBS02

Tot Ion: 43 Resp: 303986

Ion Ratio Lower Upper

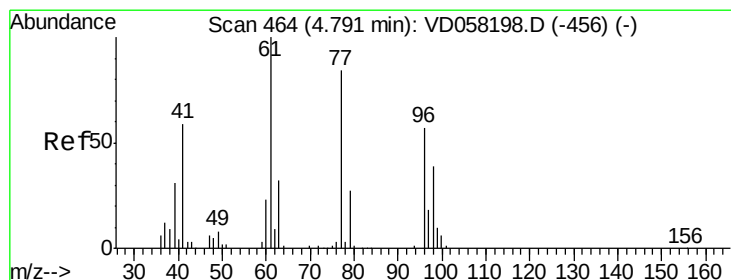
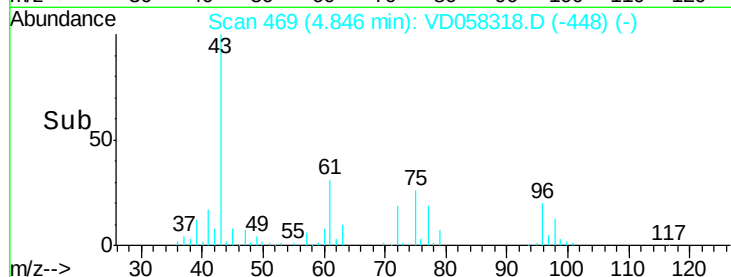
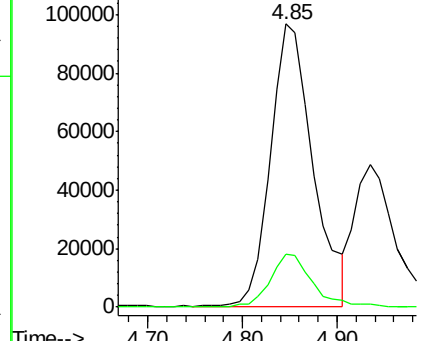
43 100

72 18.9 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: 20.68 ug/l

RT: 4.81 min Scan# 465

Delta R.T. 0.02 min

Lab File: VD058318.D

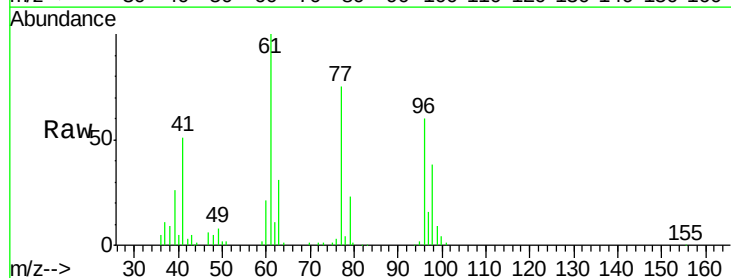
Acq: 23 Jun 2018 3:20

Tgt Ion: 77 Resp: 278521

Ion Ratio Lower Upper

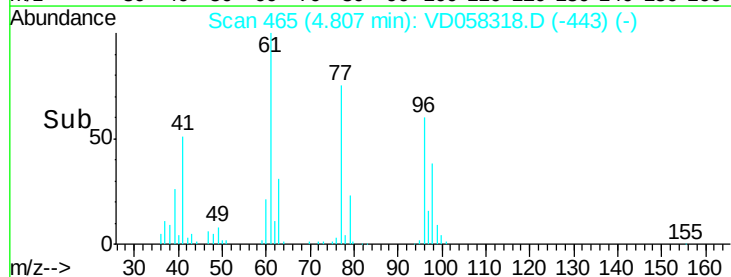
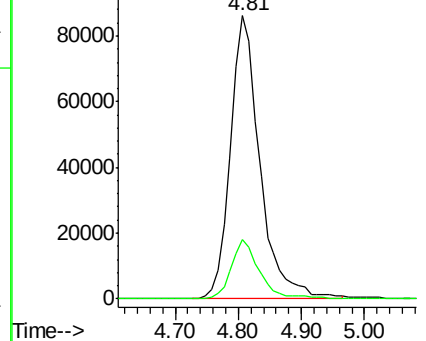
77 100

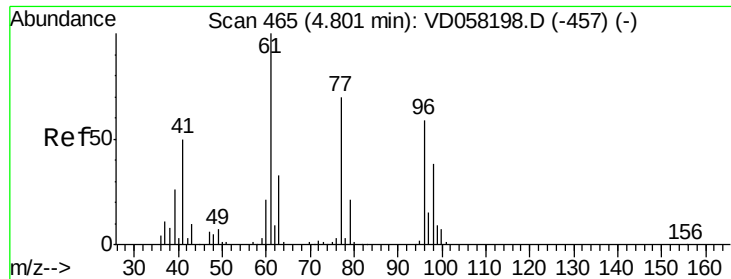
97 21.2 10.5 31.6



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: 23.83 ug/l

RT: 4.82 min Scan# 466

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

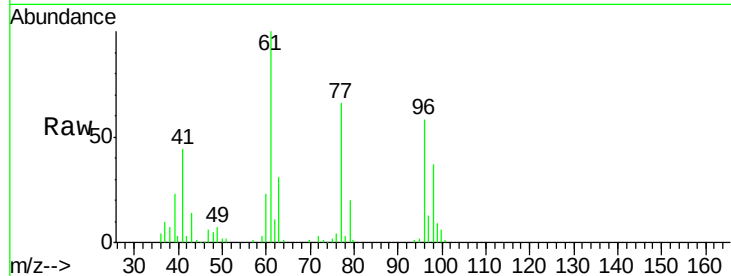
Tot Ion: 96 Resp: 210204

Ion Ratio Lower Upper

96 100

61 172.1 0.0 338.6

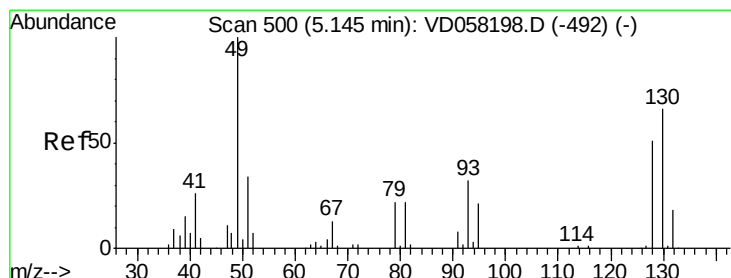
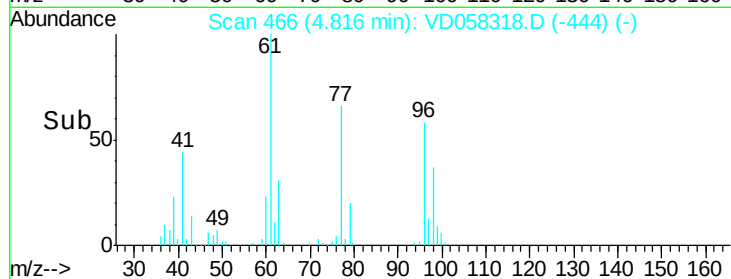
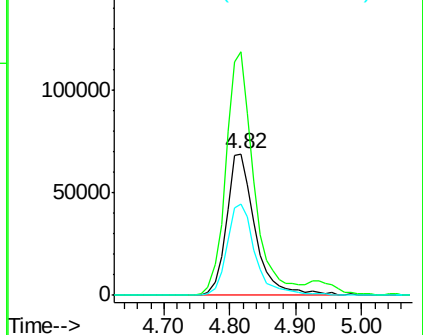
98 64.5 0.0 130.2



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: 22.46 ug/l

RT: 5.15 min Scan# 500

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

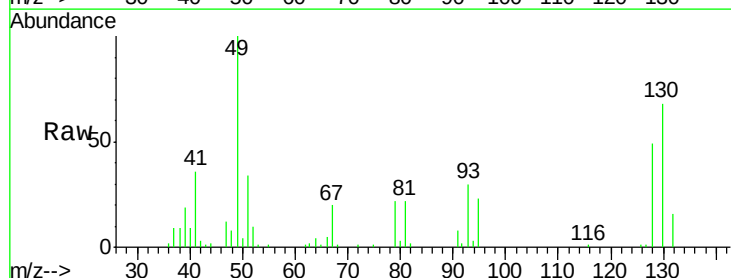
Tgt Ion: 49 Resp: 161963

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

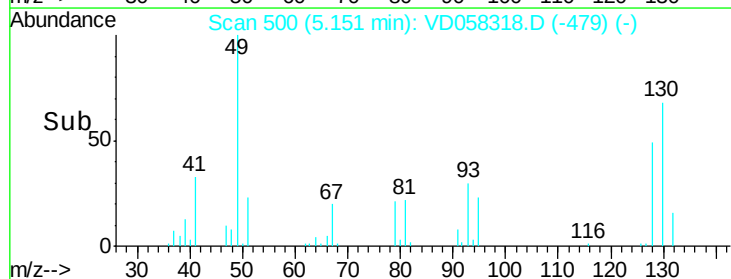
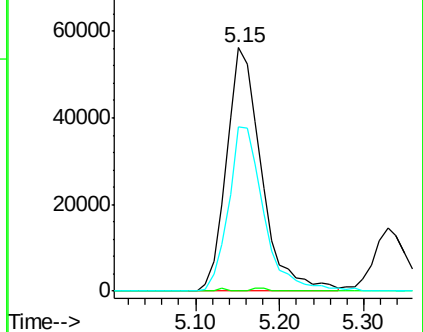
130 67.7 52.6 79.0

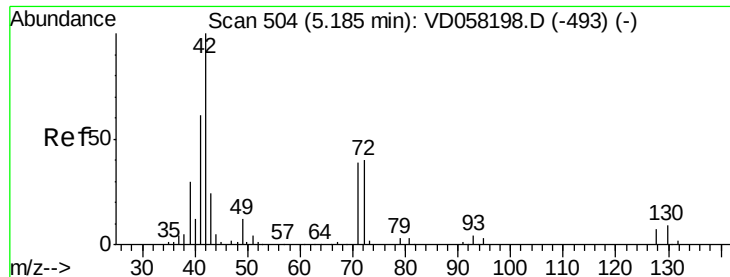


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 105.49 ug/l

RT: 5.20 min Scan# 505

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

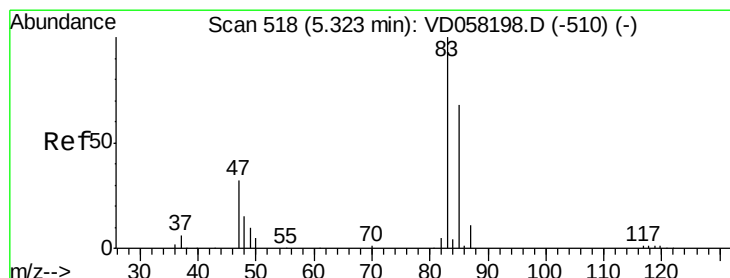
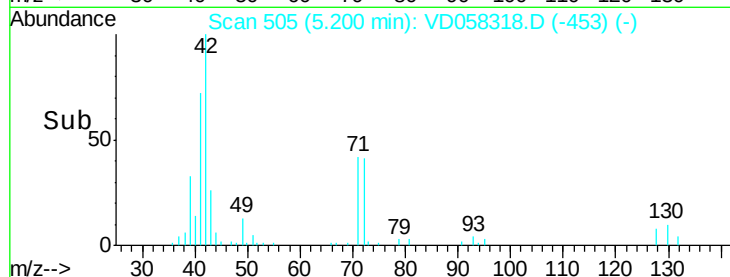
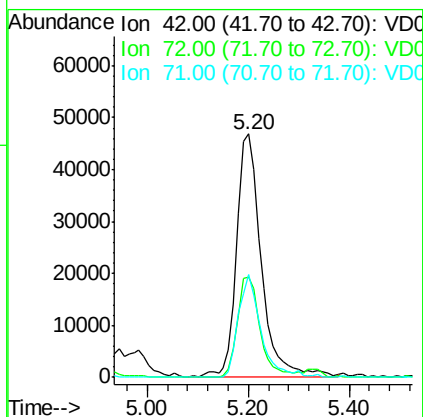
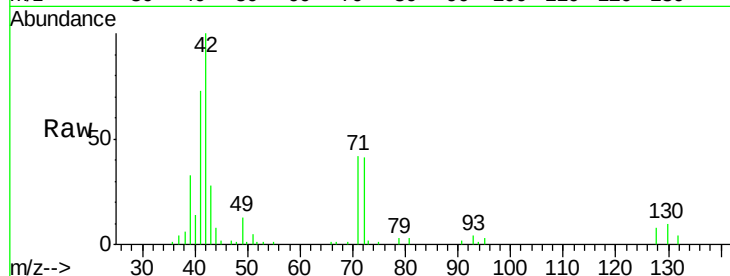
Tot Ion: 42 Resp: 158935

Ion Ratio Lower Upper

42 100

72 37.6 30.2 45.2

71 38.0 30.1 45.1



#30

Chloroform

Concen: 23.07 ug/l

RT: 5.33 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD058318.D

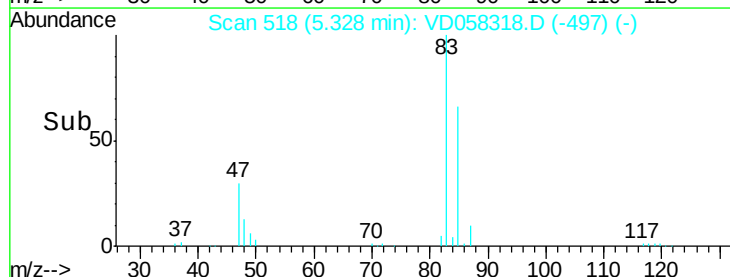
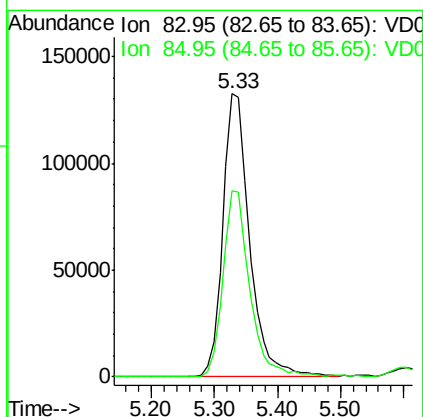
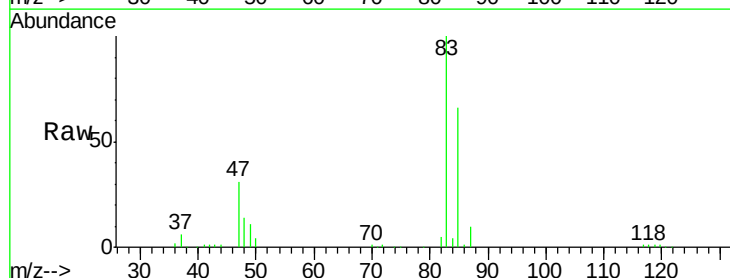
Acq: 23 Jun 2018 3:20

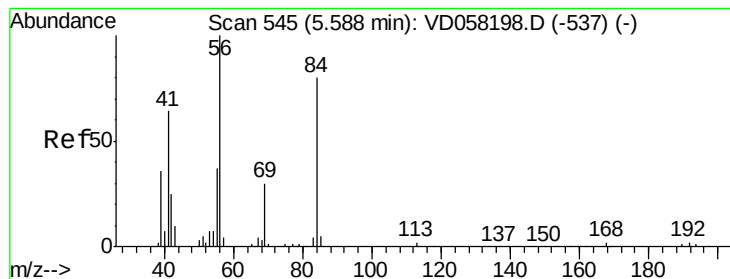
Tgt Ion: 83 Resp: 391789

Ion Ratio Lower Upper

83 100

85 65.8 54.8 82.2





#31

Cyclohexane

Concen: 22.71 ug/l

RT: 5.60 min Scan# 546

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

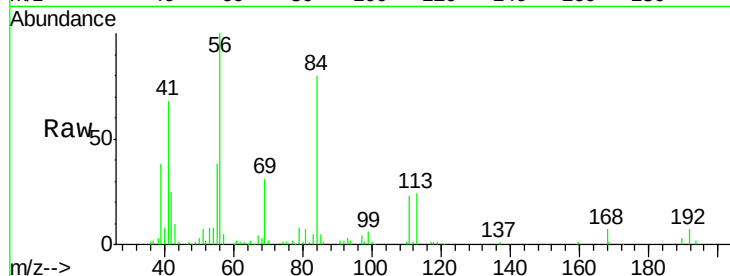
Tot Ion: 56 Resp: 298582

Ion Ratio Lower Upper

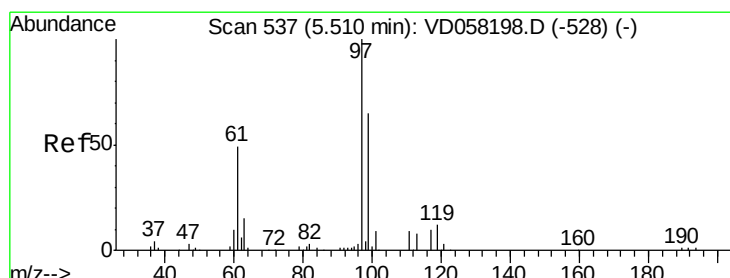
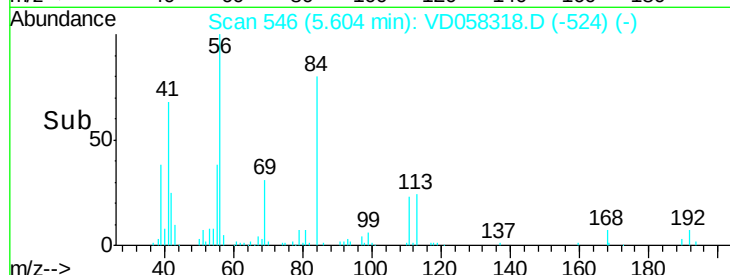
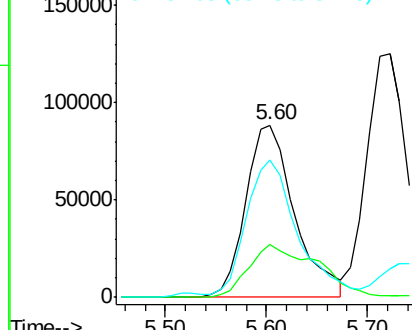
56 100

69 31.0 23.6 35.4

84 79.6 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: 21.89 ug/l

RT: 5.53 min Scan# 538

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

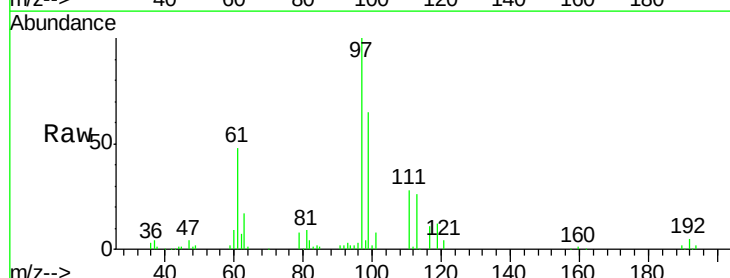
Tgt Ion: 97 Resp: 307152

Ion Ratio Lower Upper

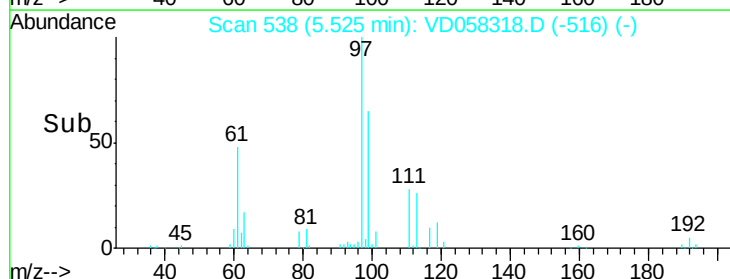
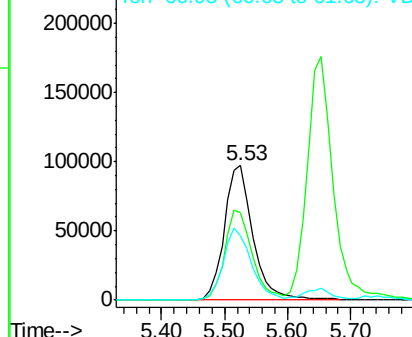
97 100

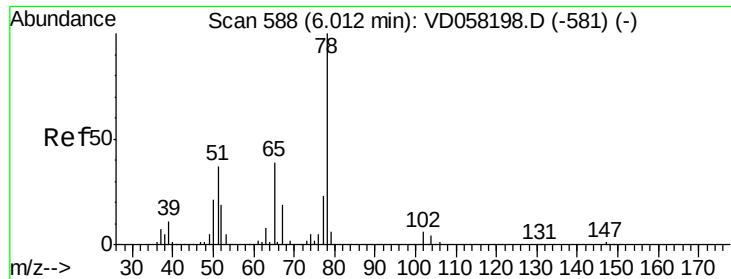
99 64.7 52.2 78.4

61 48.1 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

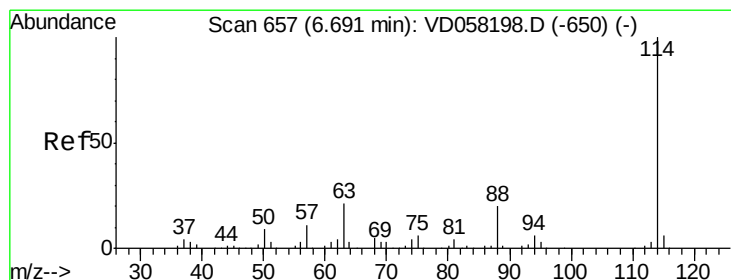
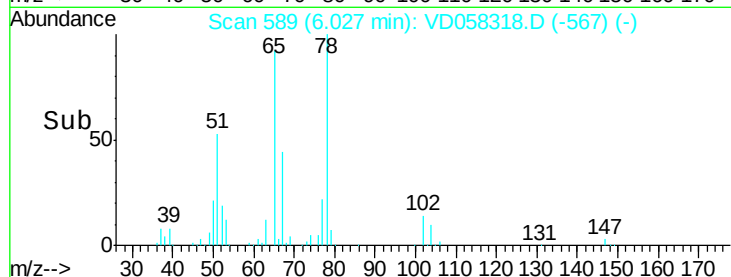
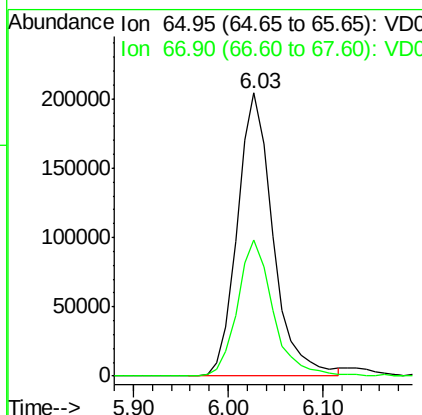
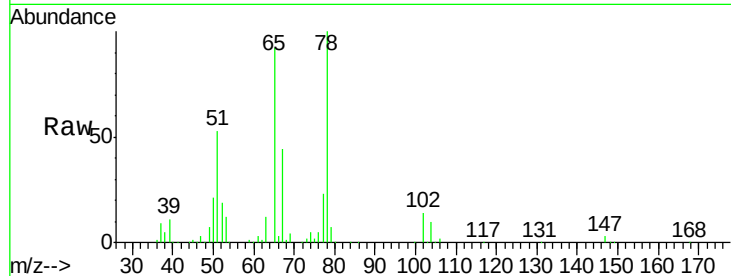




#33  
 1,2-Dichloroethane-d4  
 Concen: 21.89 ug/l  
 RT: 6.03 min Scan# 589  
 Delta R.T. 0.02 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

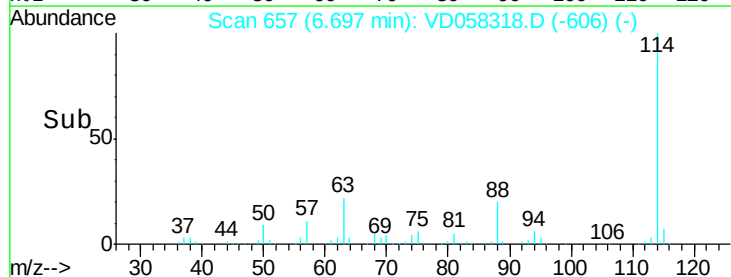
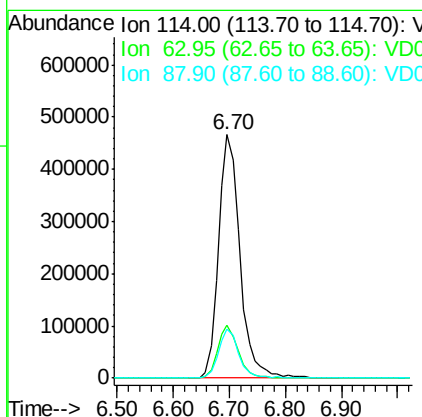
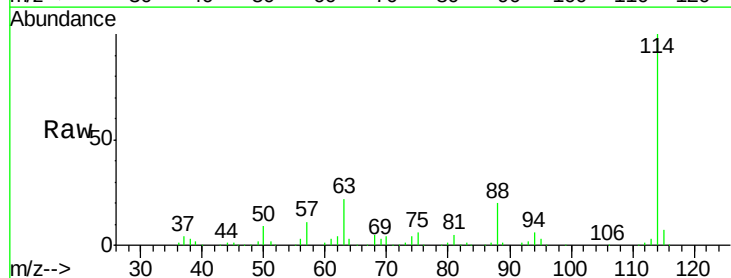
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0622SBS02

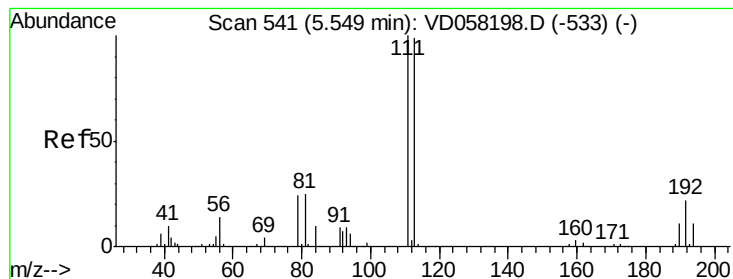
Tot Ion: 65 Resp: 533687  
 Ion Ratio Lower Upper  
 65 100  
 67 48.1 0.0 97.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.70 min Scan# 657  
 Delta R.T. 0.01 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

Tgt Ion: 114 Resp: 1244438  
 Ion Ratio Lower Upper  
 114 100  
 63 21.9 0.0 42.6  
 88 20.0 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

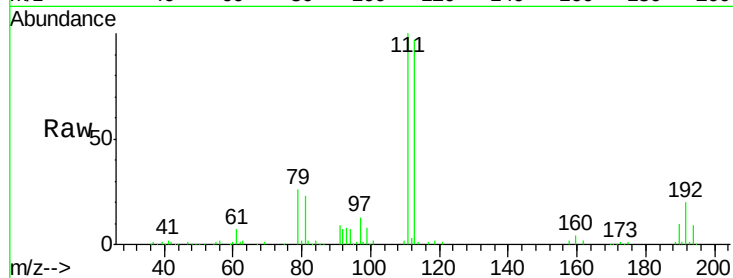
Tot Ion:113 Resp: 548636

Ion Ratio Lower Upper

113 100

111 102.7 80.6 121.0

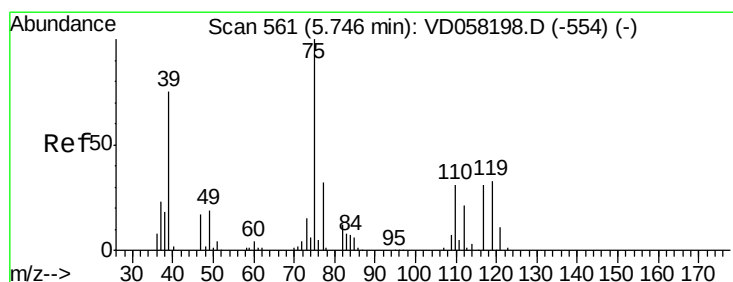
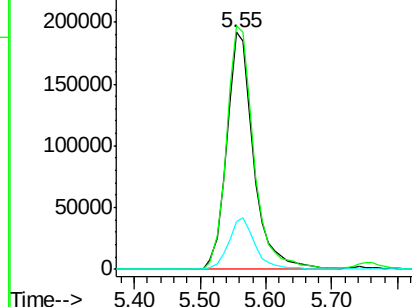
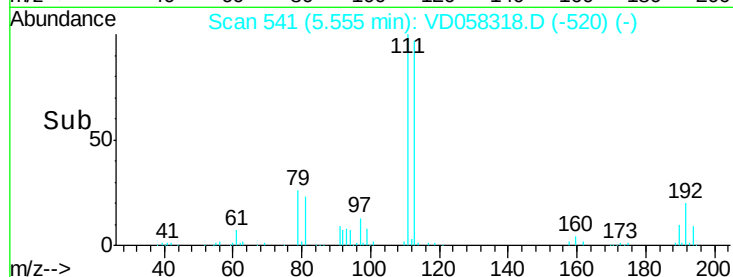
192 20.1 17.8 26.6



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: 21.97 ug/l

RT: 5.75 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

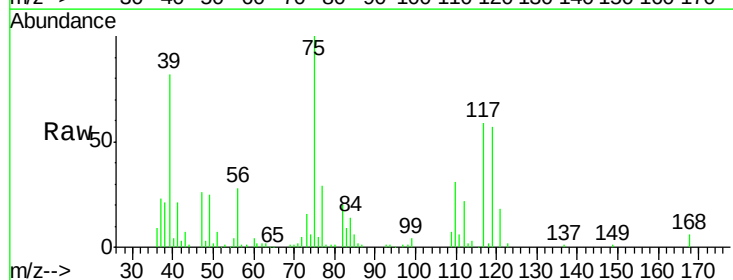
Tgt Ion: 75 Resp: 270475

Ion Ratio Lower Upper

75 100

110 31.5 15.4 46.4

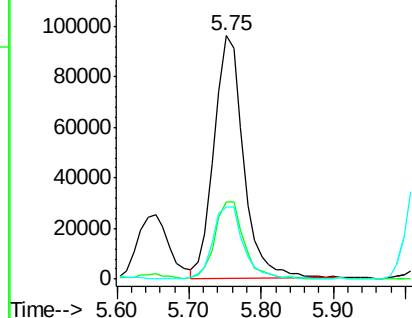
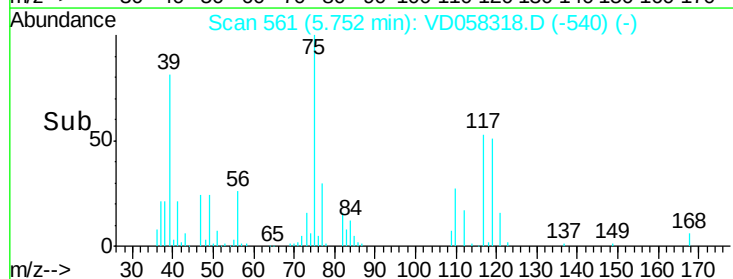
77 29.4 25.4 38.2

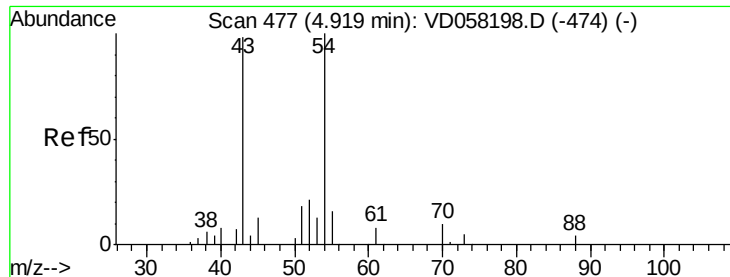


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 21.19 ug/l

RT: 4.93 min Scan# 478

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

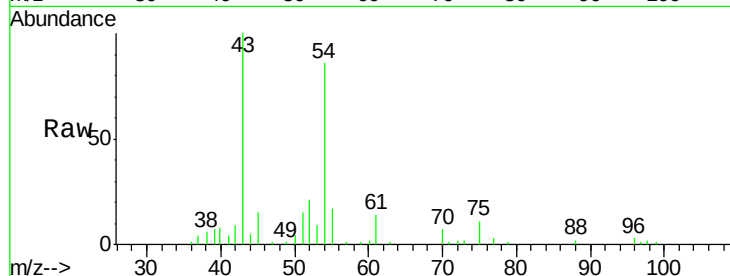
Tot Ion: 43 Resp: 148614

Ion Ratio Lower Upper

43 100

61 14.4 10.3 15.5

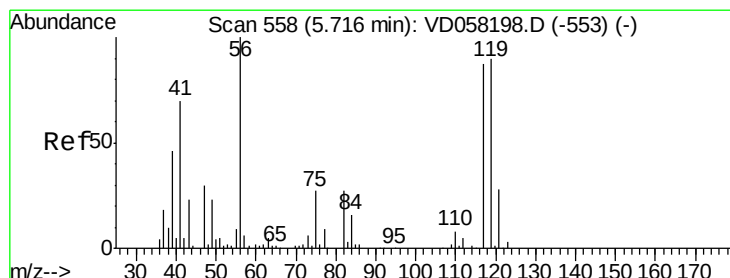
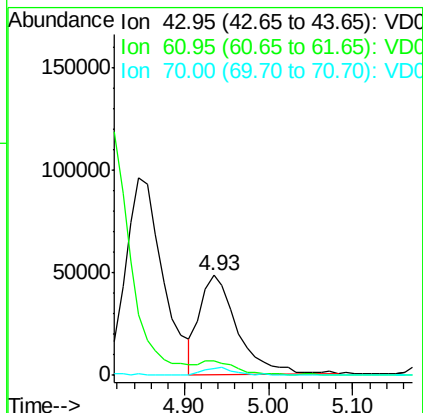
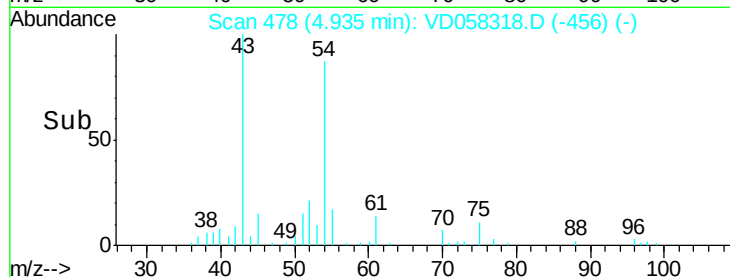
70 7.2 5.7 8.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 21.29 ug/l

RT: 5.73 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

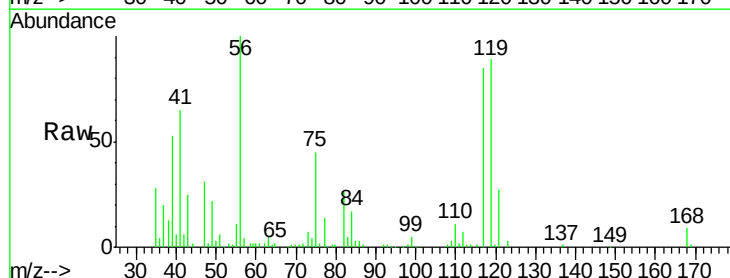
Tgt Ion: 117 Resp: 260417

Ion Ratio Lower Upper

117 100

119 105.3 78.8 118.2

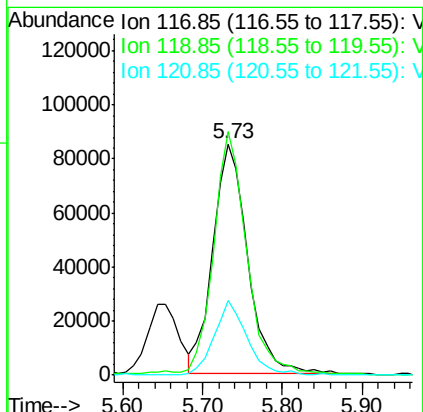
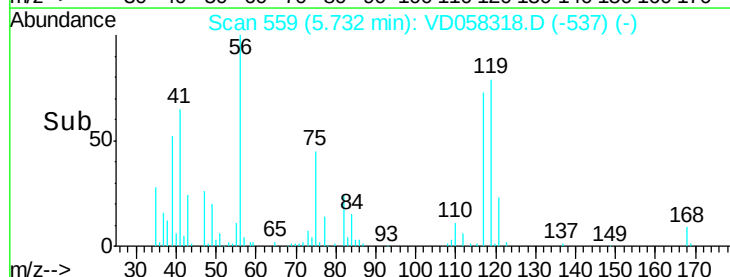
121 32.5 25.0 37.6

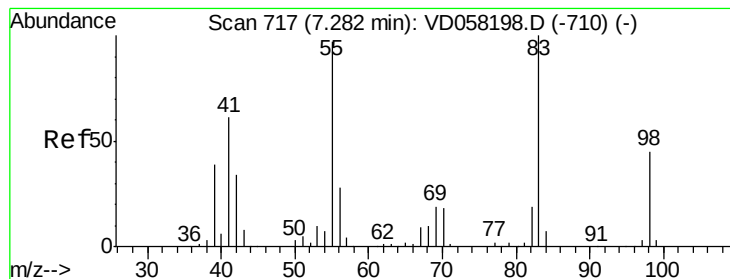


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#39

Methylvlcyclohexane

Concen: 21.69 ug/l

RT: 7.29 min Scan# 717

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

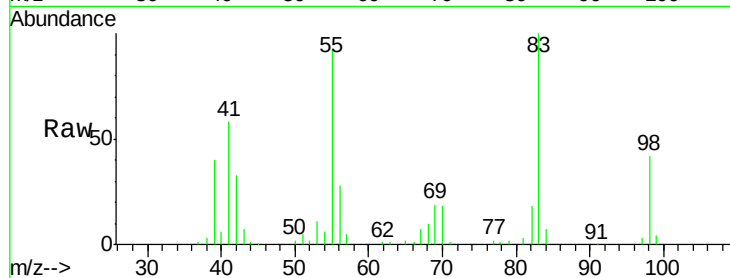
Tot Ion: 83 Resp: 260093

Ion Ratio Lower Upper

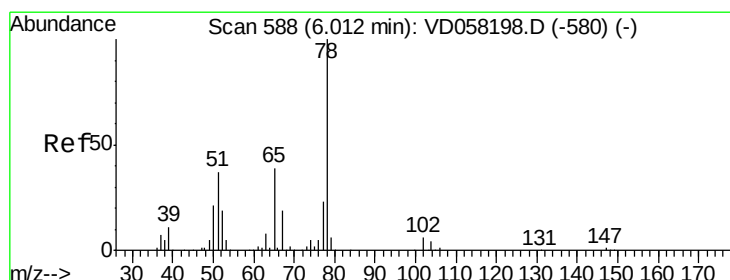
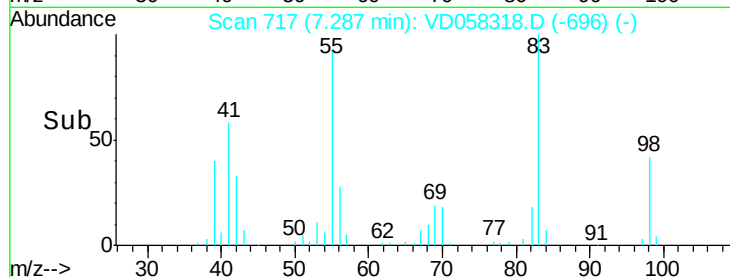
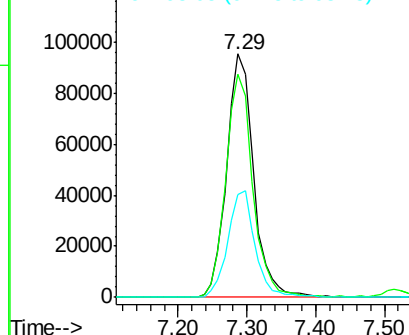
83 100

55 91.6 77.4 116.2

98 42.2 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: 22.12 ug/l

RT: 6.03 min Scan# 589

Delta R.T. 0.02 min

Lab File: VD058318.D

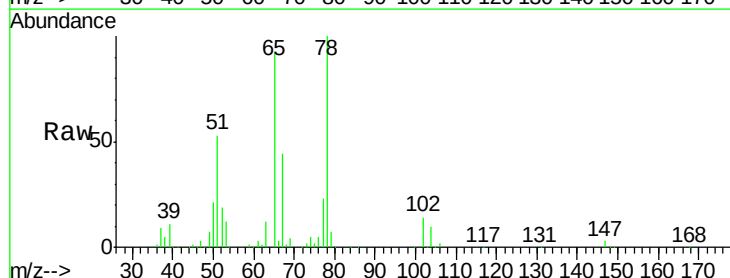
Acq: 23 Jun 2018 3:20

Tgt Ion: 78 Resp: 648670

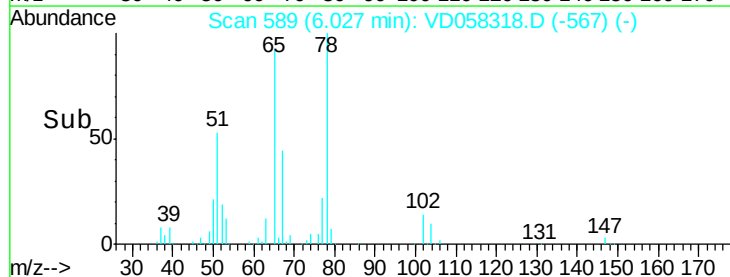
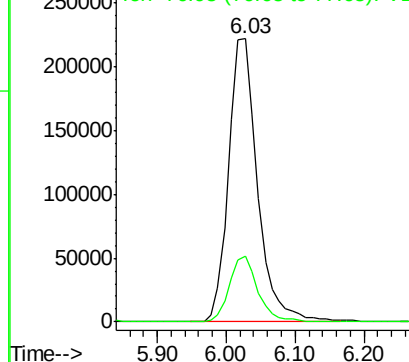
Ion Ratio Lower Upper

78 100

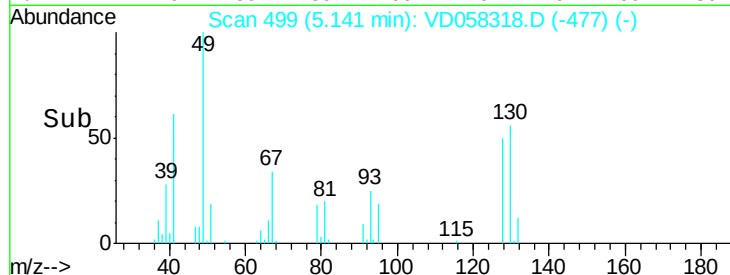
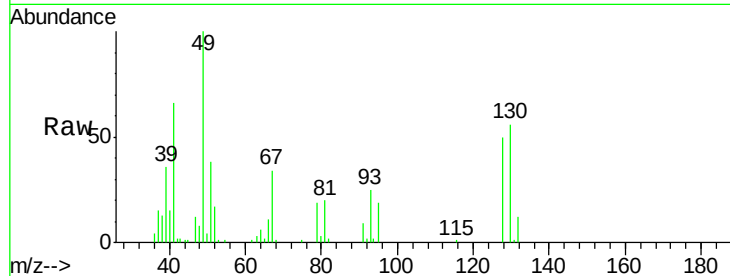
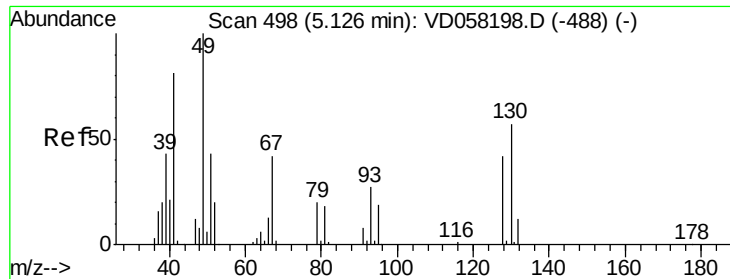
77 23.0 18.5 27.7



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







#41

Methacrylonitrile

Concen: 21.94 ug/l

RT: 5.14 min Scan# 499

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

Tot Ion: 41 Resp: 74303

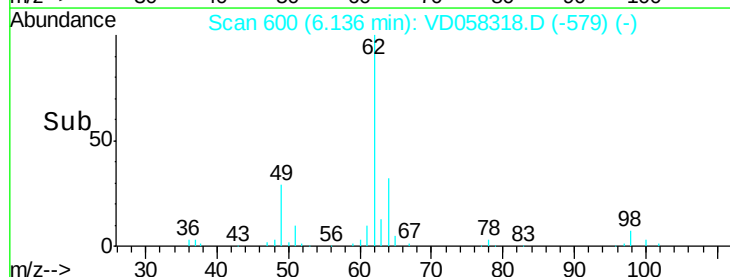
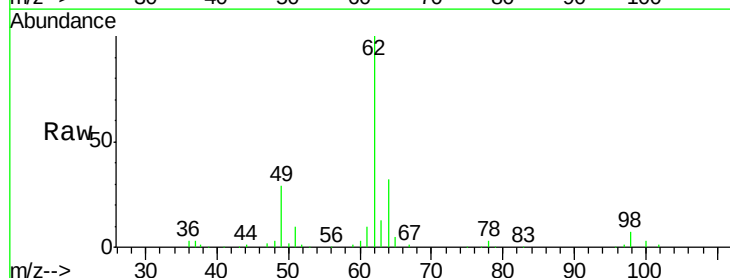
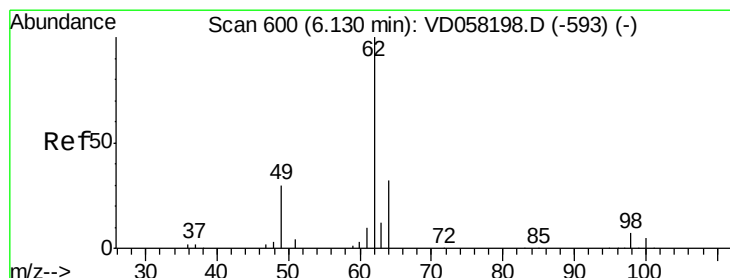
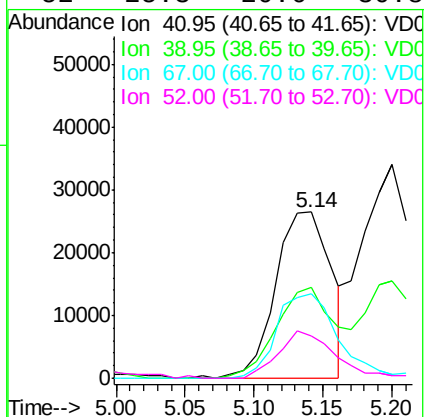
Ion Ratio Lower Upper

41 100

39 54.5 43.4 65.2

67 51.1 41.7 62.5

52 25.3 20.6 30.8



#42

1,2-Dichloroethane

Concen: 21.88 ug/l

RT: 6.14 min Scan# 600

Delta R.T. 0.01 min

Lab File: VD058318.D

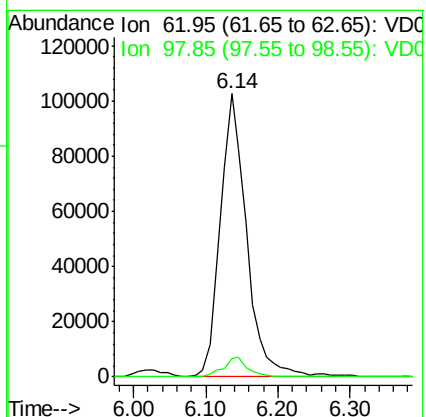
Acq: 23 Jun 2018 3:20

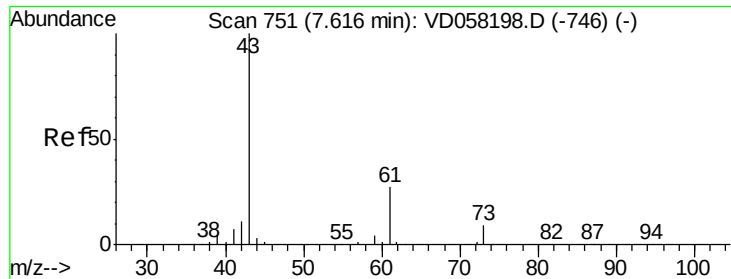
Tgt Ion: 62 Resp: 258720

Ion Ratio Lower Upper

62 100

98 6.5 0.0 13.2





#43

Isopropyl Acetate

Concen: 20.12 ug/l

RT: 7.62 min Scan# 751

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

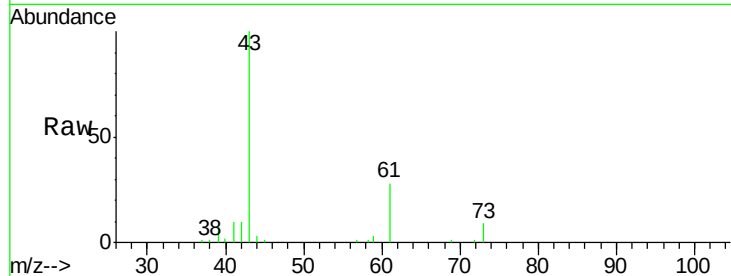
Tot Ion: 43 Resp: 188160

Ion Ratio Lower Upper

43 100

61 28.0 21.8 32.6

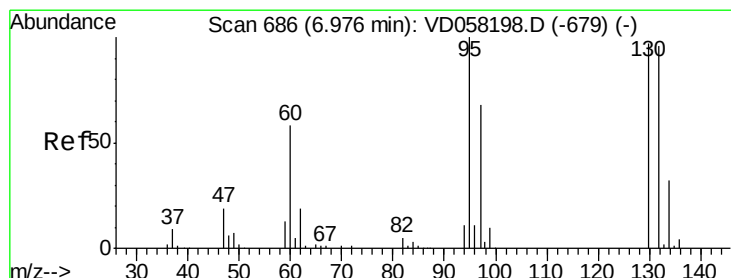
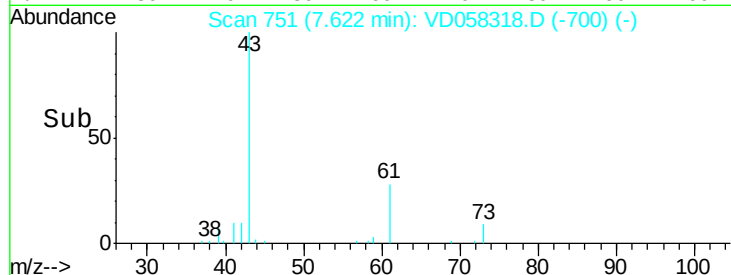
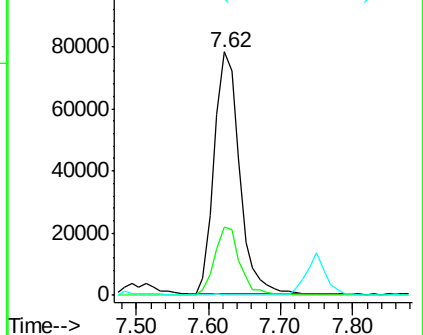
87 0.0 0.3 0.5#



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: 22.30 ug/l

RT: 6.99 min Scan# 687

Delta R.T. 0.02 min

Lab File: VD058318.D

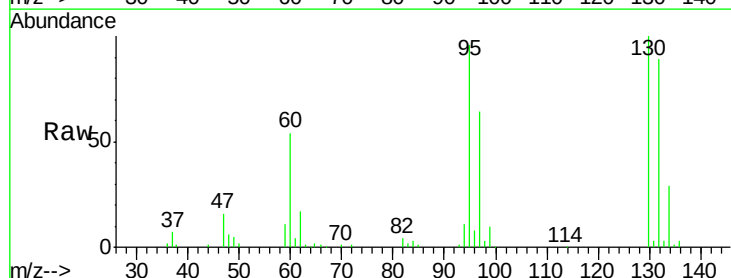
Acq: 23 Jun 2018 3:20

Tgt Ion:130 Resp: 196396

Ion Ratio Lower Upper

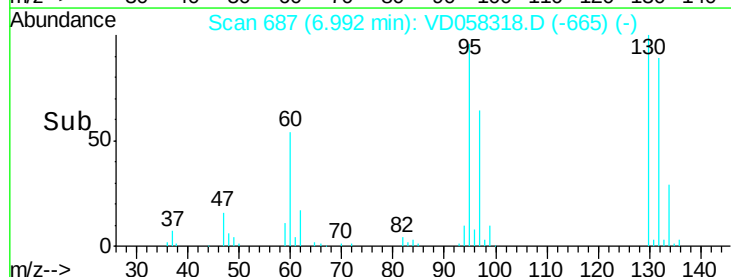
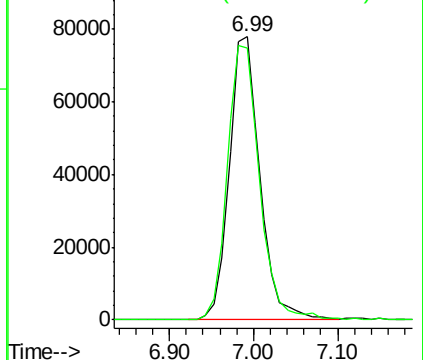
130 100

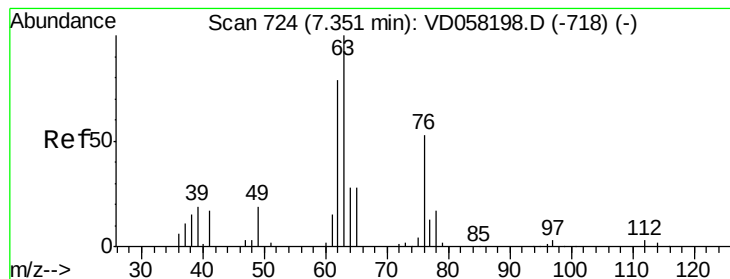
95 96.2 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.51 ug/l

RT: 7.36 min Scan# 724

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

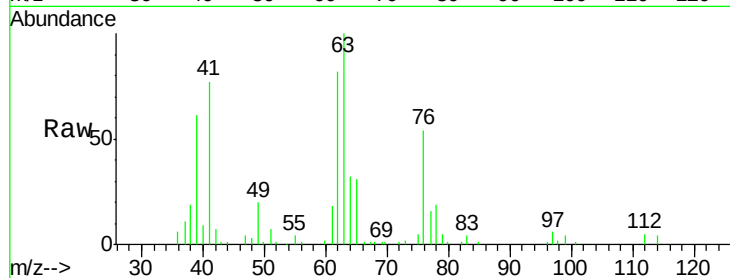
VD0622SBS02

Tot Ion: 63 Resp: 162005

Ion Ratio Lower Upper

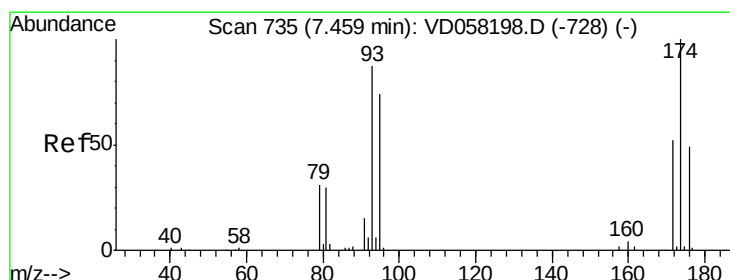
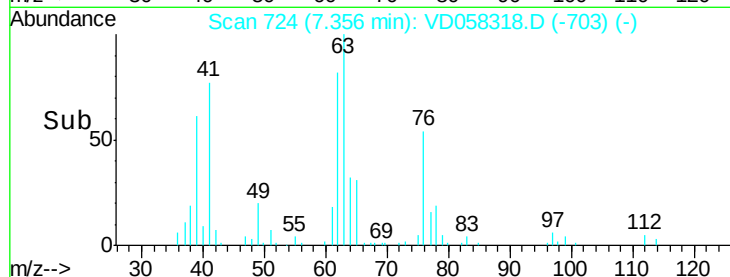
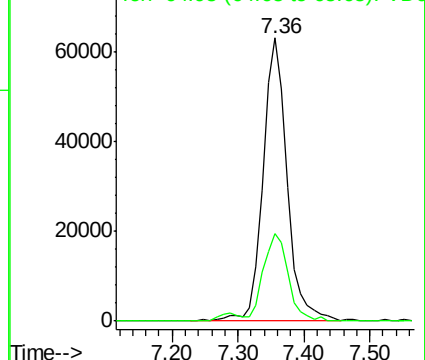
63 100

65 30.7 24.0 36.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 21.88 ug/l

RT: 7.46 min Scan# 735

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

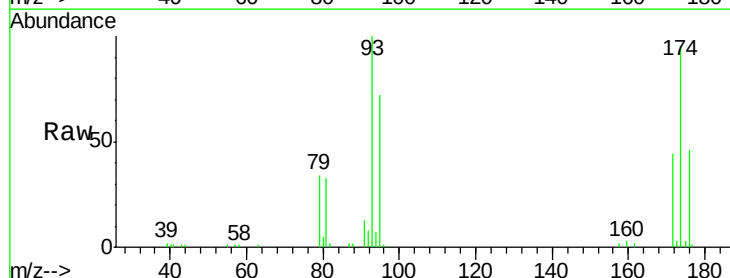
Tgt Ion: 93 Resp: 117960

Ion Ratio Lower Upper

93 100

95 71.9 67.8 101.6

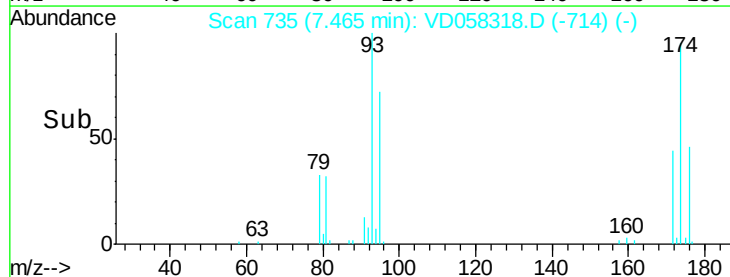
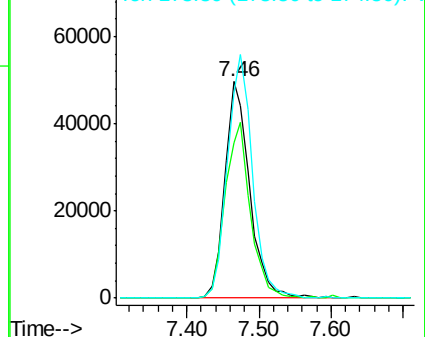
174 94.8 92.2 138.2

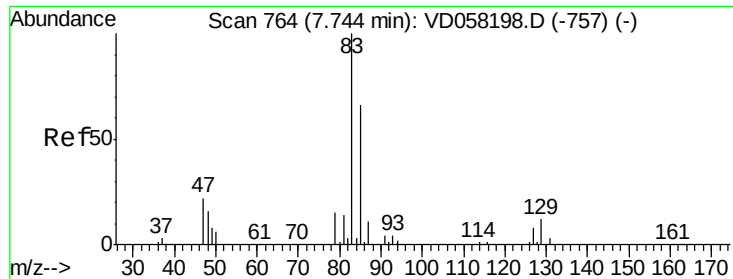


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 21.83 ug/l

RT: 7.75 min Scan# 764

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

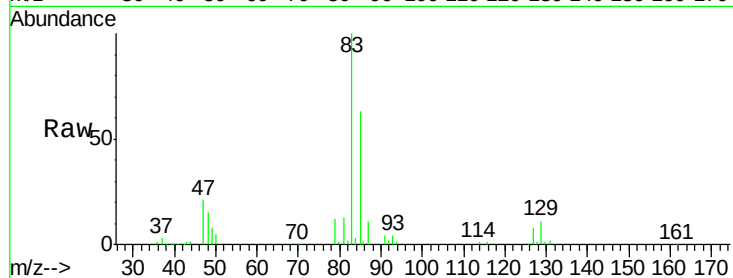
Tot Ion: 83 Resp: 268336

Ion Ratio Lower Upper

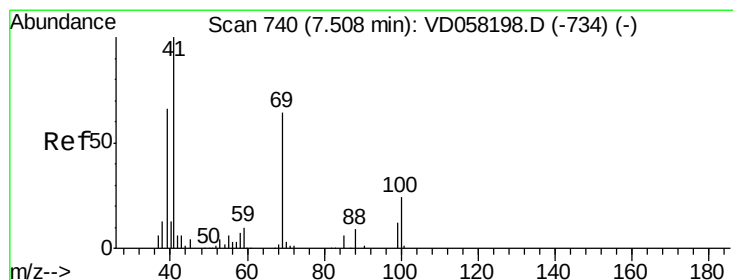
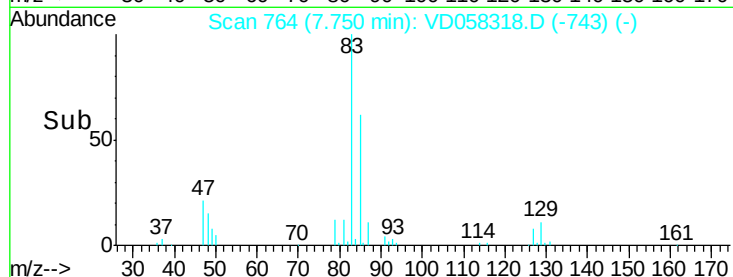
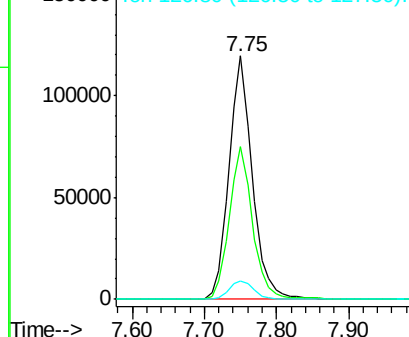
83 100

85 62.6 52.6 78.8

127 7.7 6.2 9.4



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



#48

Methyl methacrylate

Concen: 21.12 ug/l

RT: 7.51 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

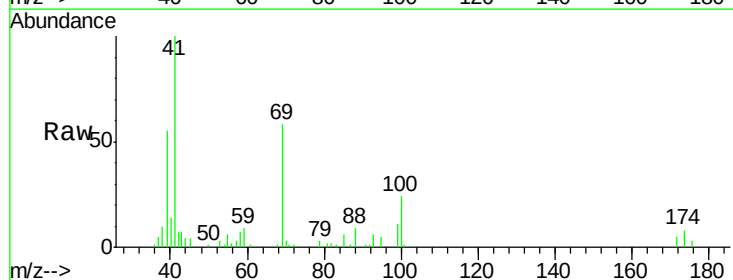
Tgt Ion: 41 Resp: 120031

Ion Ratio Lower Upper

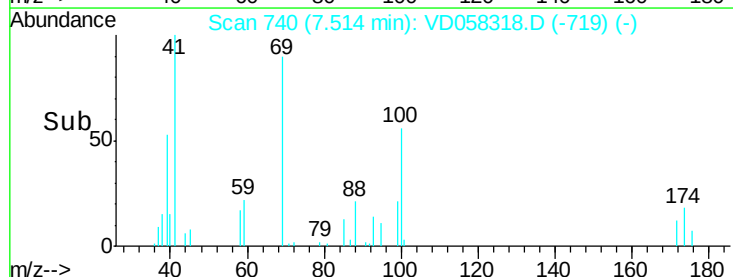
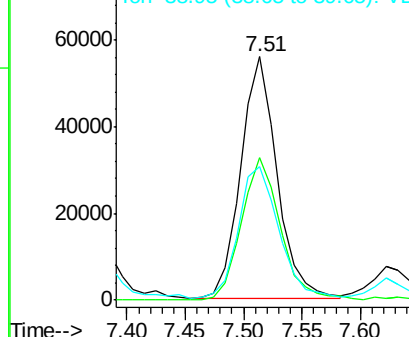
41 100

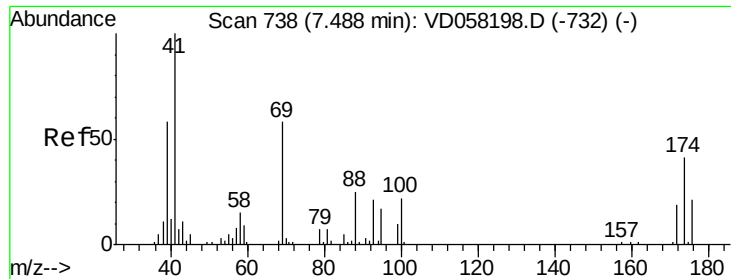
69 58.3 50.7 76.1

39 54.9 52.6 78.8



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





#49

1,4-Dioxane

Concen: 418.35 ug/l

RT: 7.50 min Scan# 739

Delta R.T. 0.02 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

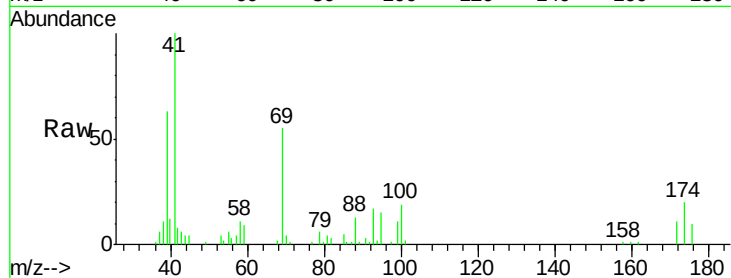
Tot Ion: 88 Resp: 21463

Ion Ratio Lower Upper

88 100

43 44.9 34.2 51.2

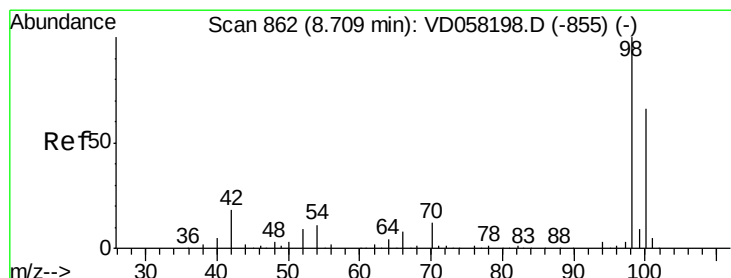
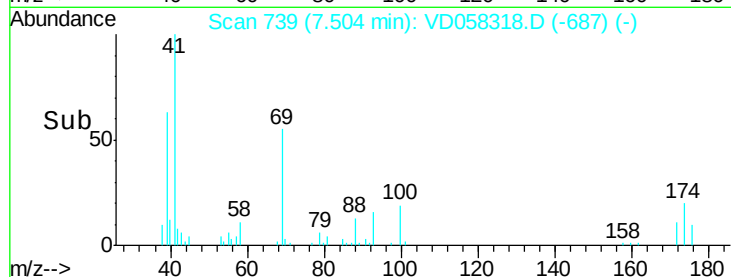
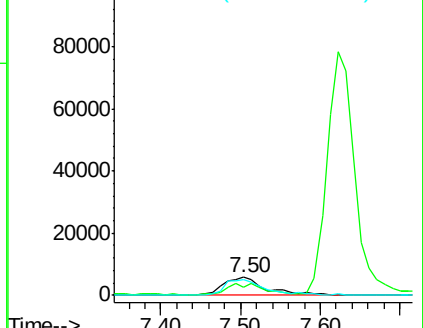
58 88.8 47.9 71.9#



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 418.35 ug/l

RT: 8.71 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD058318.D

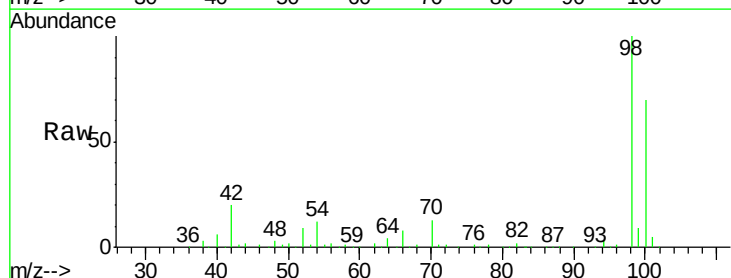
Acq: 23 Jun 2018 3:20

Tgt Ion: 98 Resp: 1238795

Ion Ratio Lower Upper

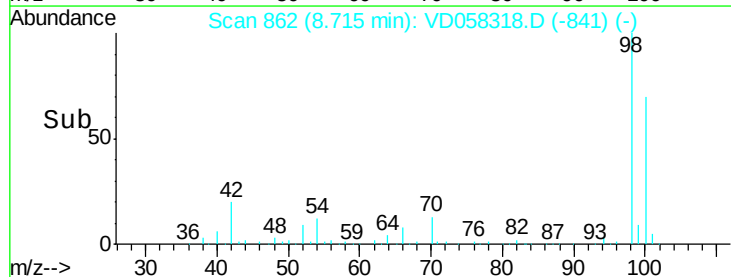
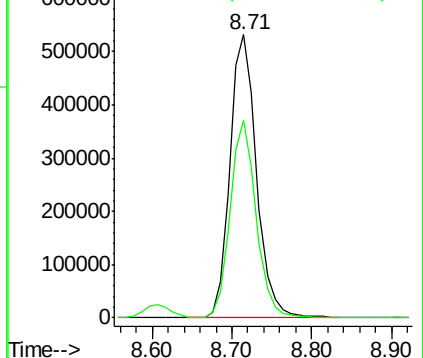
98 100

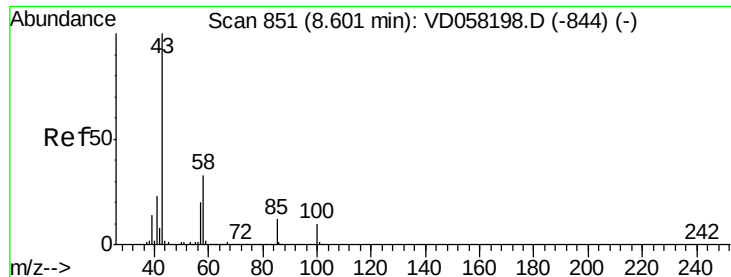
100 69.9 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 107.35 ug/l

RT: 8.61 min Scan# 851

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

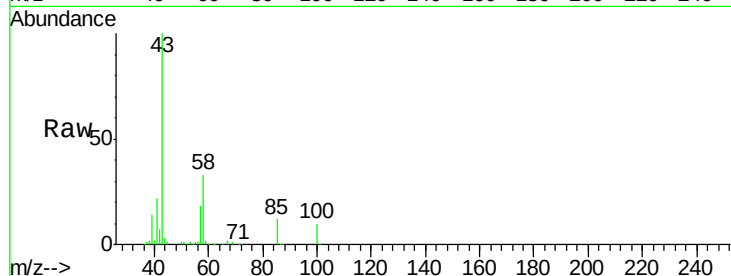
VD0622SBS02

Tot Ion: 43 Resp: 654807

Ion Ratio Lower Upper

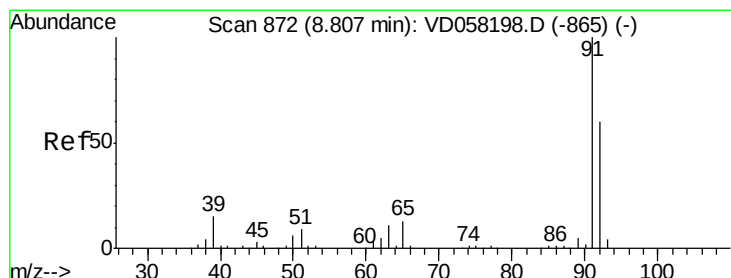
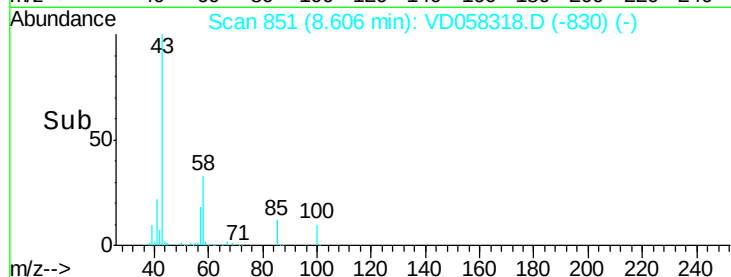
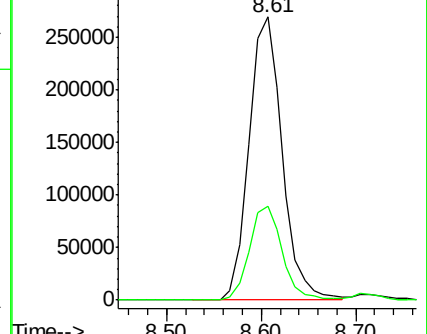
43 100

58 33.3 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: 22.00 ug/l

RT: 8.81 min Scan# 872

Delta R.T. 0.01 min

Lab File: VD058318.D

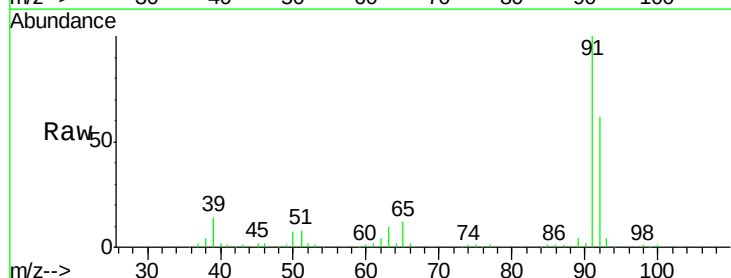
Acq: 23 Jun 2018 3:20

Tgt Ion: 92 Resp: 367389

Ion Ratio Lower Upper

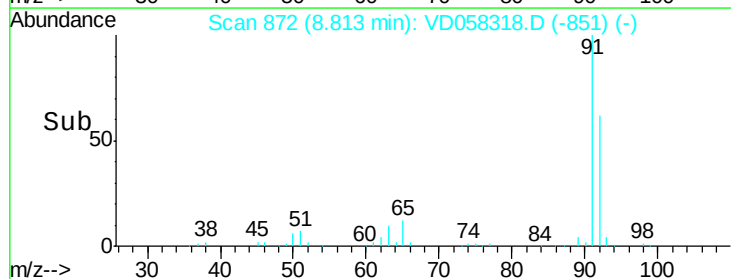
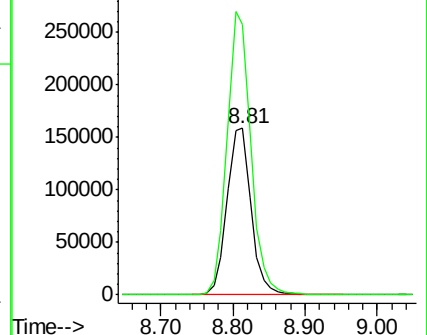
92 100

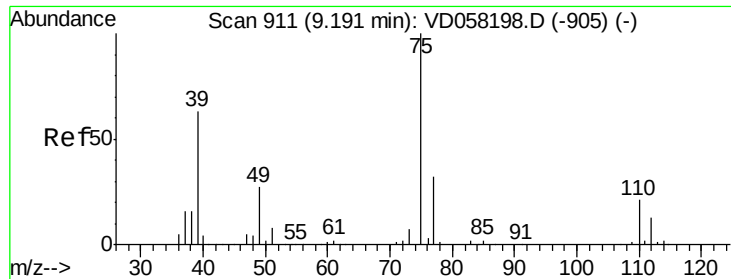
91 162.4 133.2 199.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

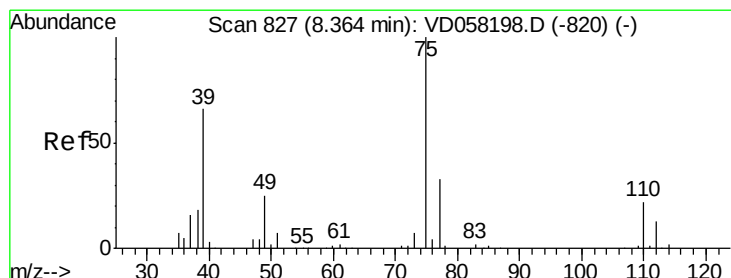
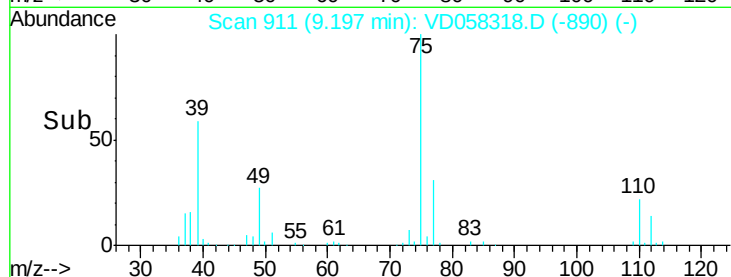
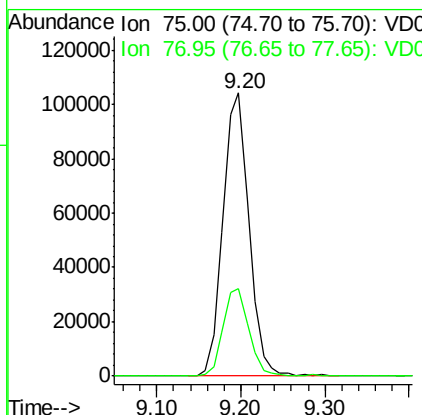
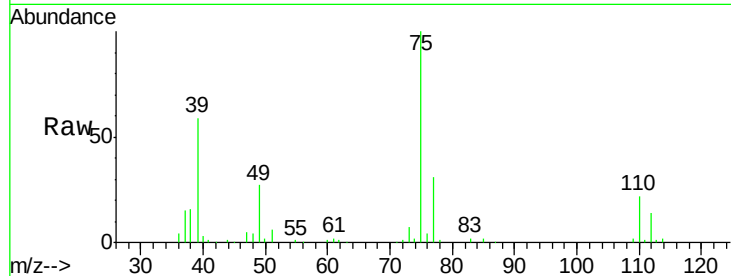




#53  
 t-1,3-Dichloropropene  
 Concen: 20.87 ug/l  
 RT: 9.20 min Scan# 911  
 Delta R.T. 0.01 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

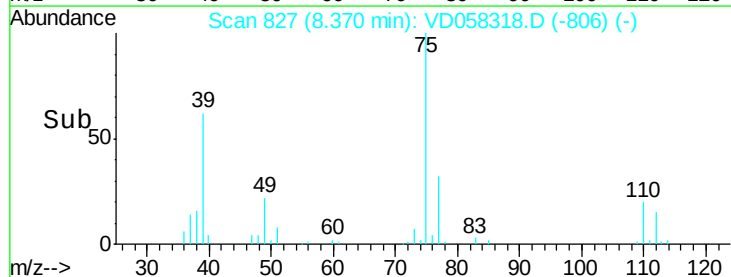
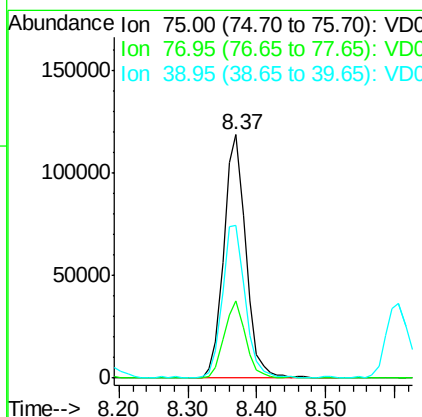
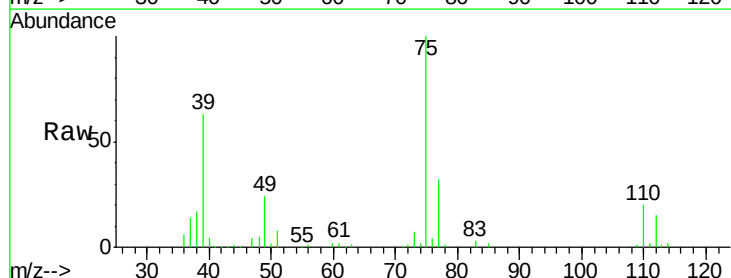
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0622SBS02

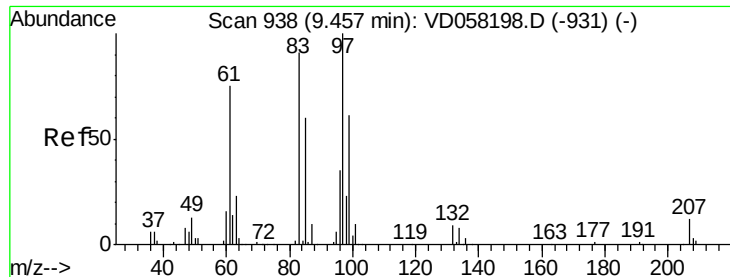
Tot Ion: 75 Resp: 223072  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.06 ug/l  
 RT: 8.37 min Scan# 827  
 Delta R.T. 0.01 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

Tgt Ion: 75 Resp: 263960  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 26.5 39.7  
 39 62.9 52.9 79.3





#55

1,1,2-Trichloroethane

Concen: 22.12 ug/l

RT: 9.46 min Scan# 938

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

Tot Ion: 97 Resp: 130696

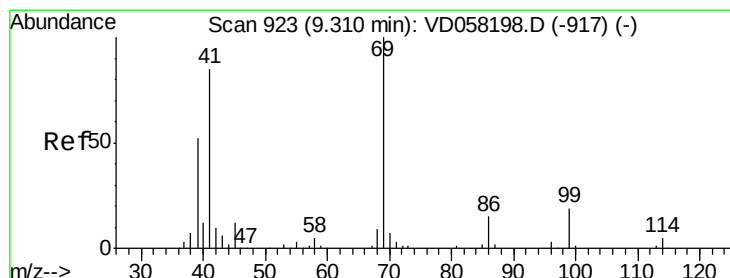
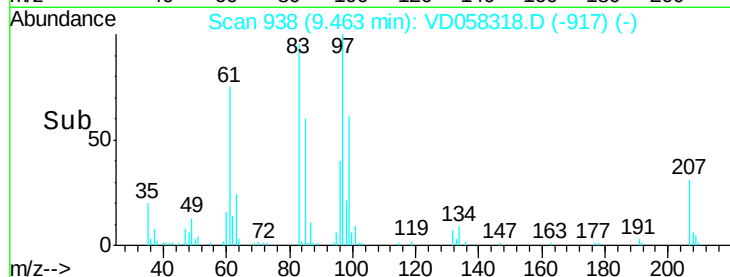
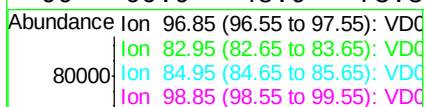
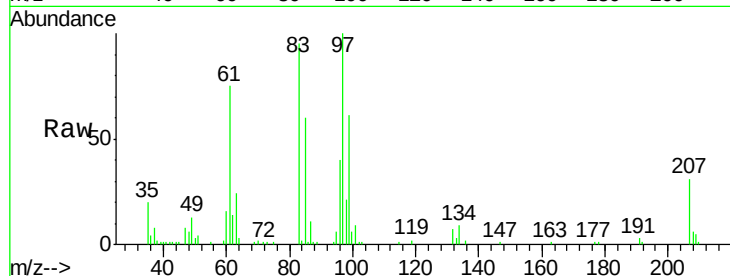
Ion Ratio Lower Upper

97 100

83 94.8 72.9 109.3

85 60.0 48.2 72.4

99 60.9 48.9 73.3



#56

Ethyl methacrylate

Concen: 21.53 ug/l

RT: 9.32 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

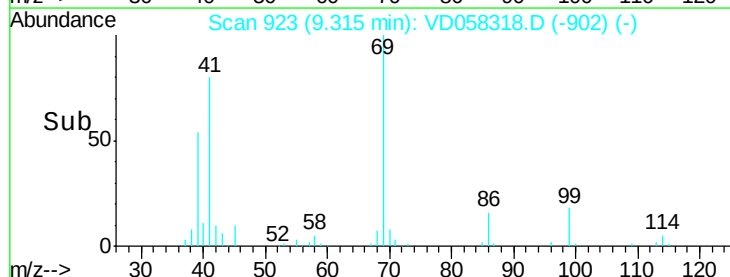
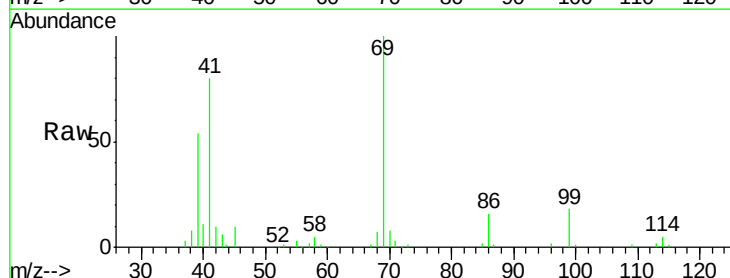
Tgt Ion: 69 Resp: 152143

Ion Ratio Lower Upper

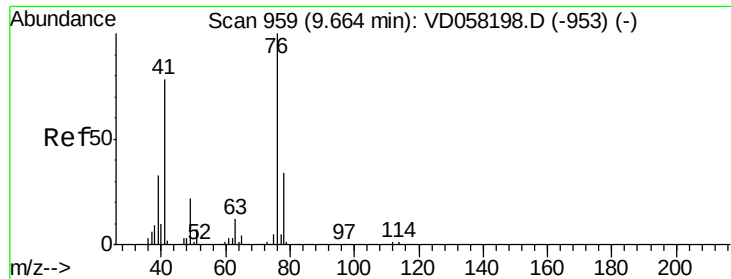
69 100

41 79.7 67.6 101.4

39 54.4 42.2 63.2







#57

1,3-Dichloropropane

Concen: 22.15 ug/l

RT: 9.67 min Scan# 959

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

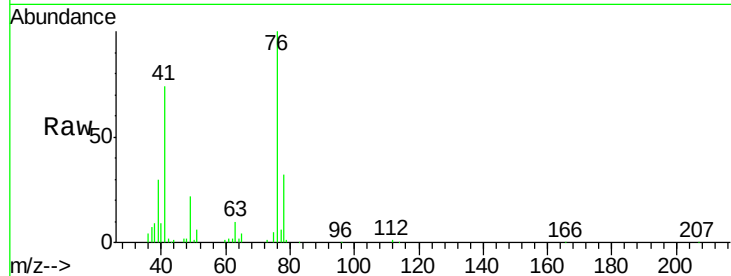
VD0622SBS02

Tot Ion: 76 Resp: 220431

Ion Ratio Lower Upper

76 100

78 31.6 27.0 40.6



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

9.67

120000

100000

80000

60000

40000

20000

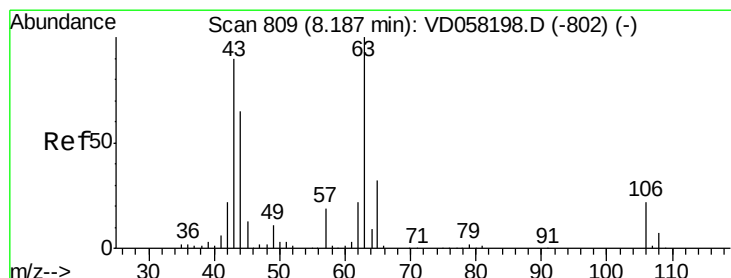
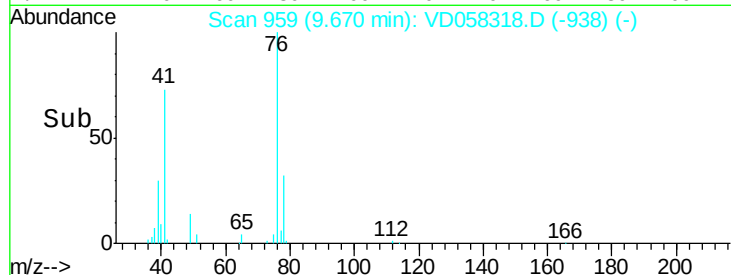
0

Time-->

9.60

9.70

9.80



#58

2-Chloroethyl Vinyl ether

Concen: 112.47 ug/l

RT: 8.19 min Scan# 809

Delta R.T. 0.01 min

Lab File: VD058318.D

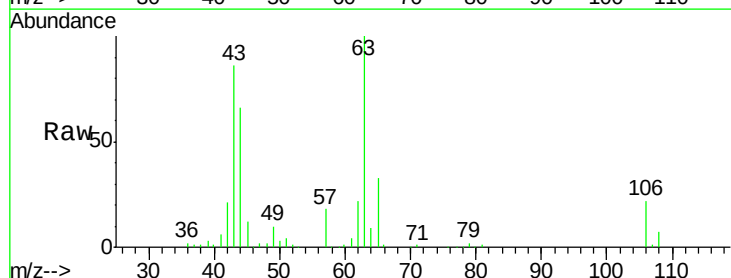
Acq: 23 Jun 2018 3:20

Tgt Ion: 63 Resp: 393386

Ion Ratio Lower Upper

63 100

106 22.4 18.0 27.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

8.19

200000

150000

100000

50000

0

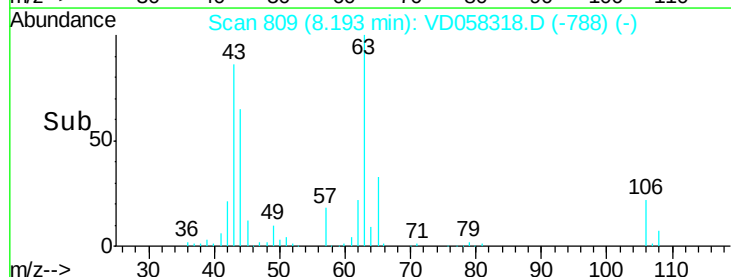
Time-->

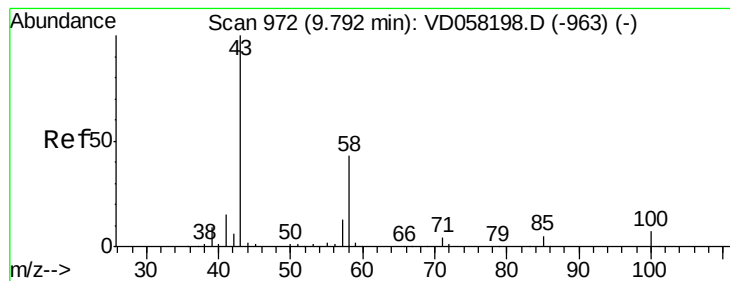
8.10

8.20

8.30

8.40





#59

2-Hexanone

Concen: 104.71 ug/l

RT: 9.79 min Scan# 971

Delta R.T. -0.00 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

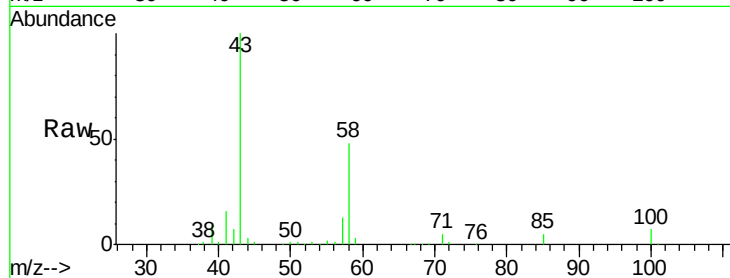
VD0622SBS02

Tot Ion: 43 Resp: 461520

Ion Ratio Lower Upper

43 100

58 47.5 21.7 65.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

9.79

200000

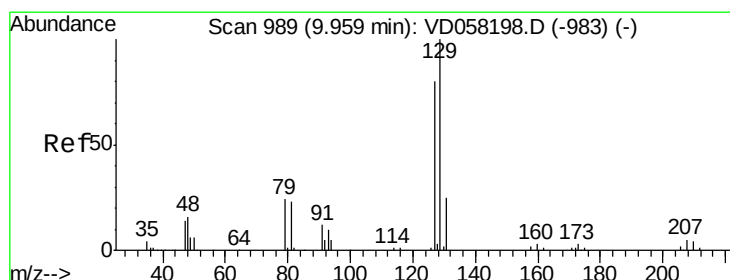
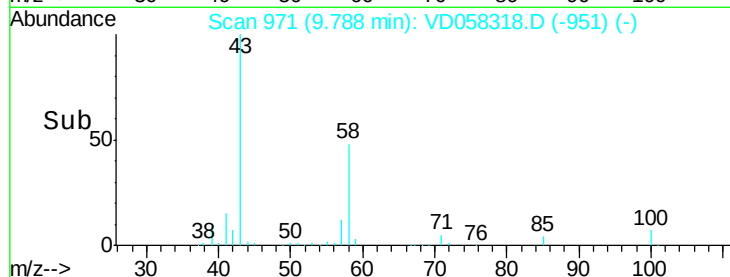
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 21.07 ug/l

RT: 9.96 min Scan# 989

Delta R.T. 0.01 min

Lab File: VD058318.D

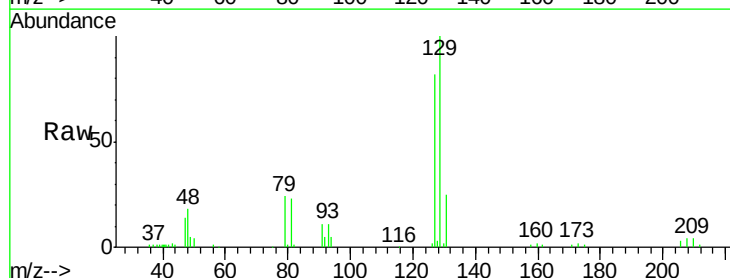
Acq: 23 Jun 2018 3:20

Tgt Ion:129 Resp: 168894

Ion Ratio Lower Upper

129 100

127 81.9 39.8 119.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.96

80000

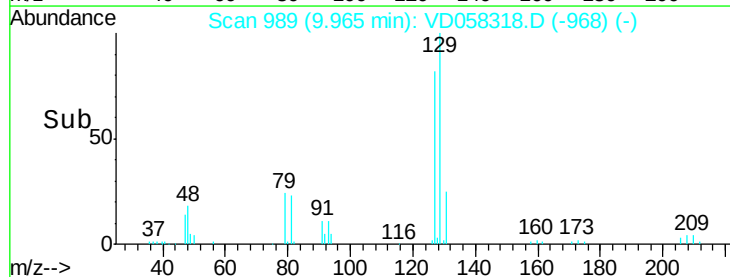
60000

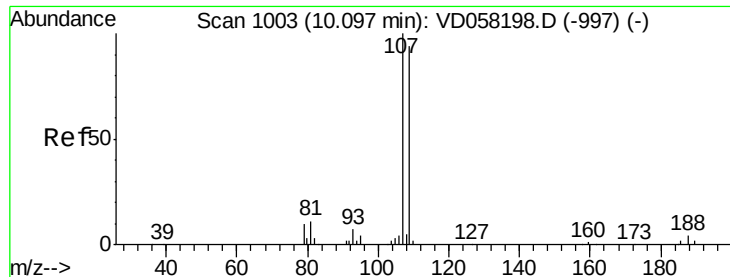
40000

20000

0

Time-->





#61

1,2-Dibromoethane

Concen: 21.65 ug/l

RT: 10.10 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

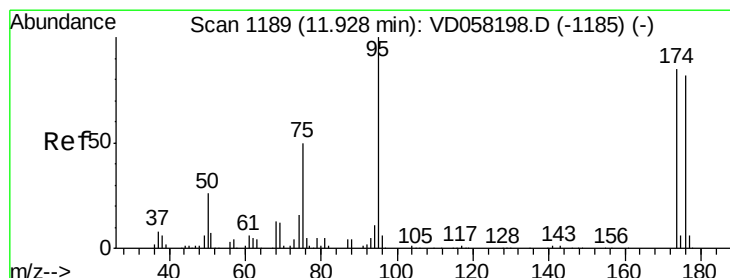
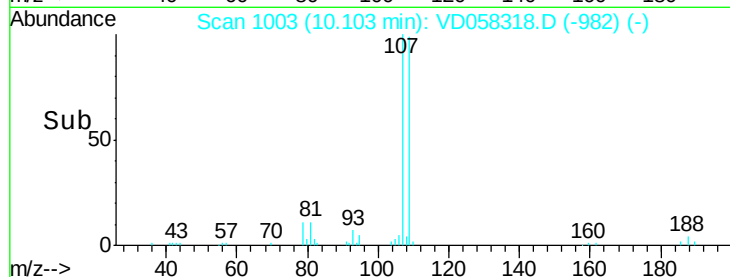
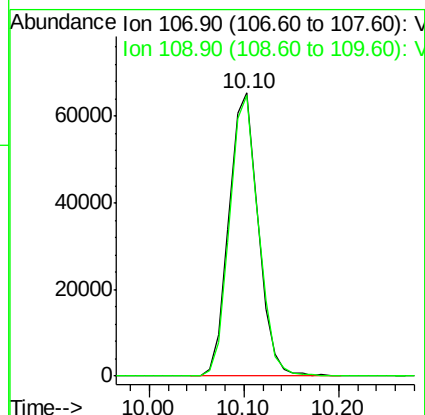
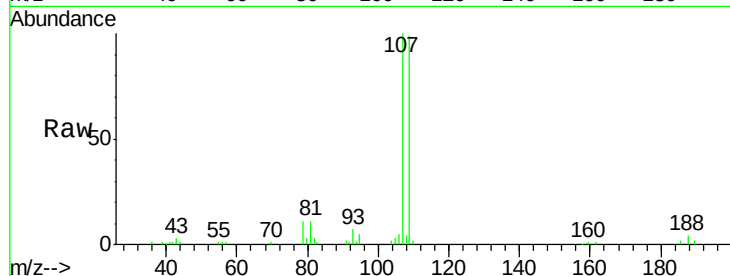
VD0622SBS02

Tot Ion:107 Resp: 139969

Ion Ratio Lower Upper

107 100

109 99.4 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 21.65 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

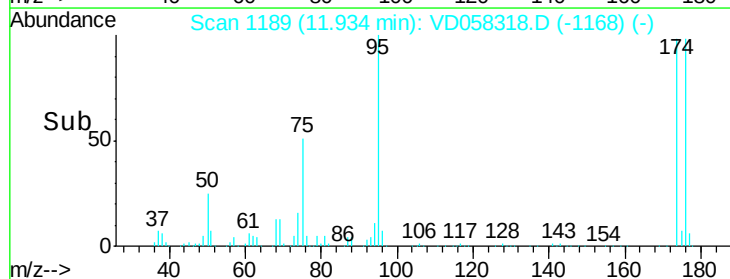
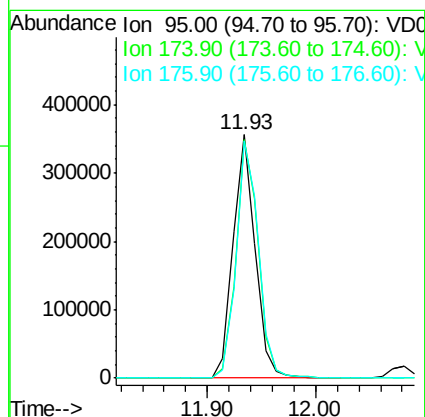
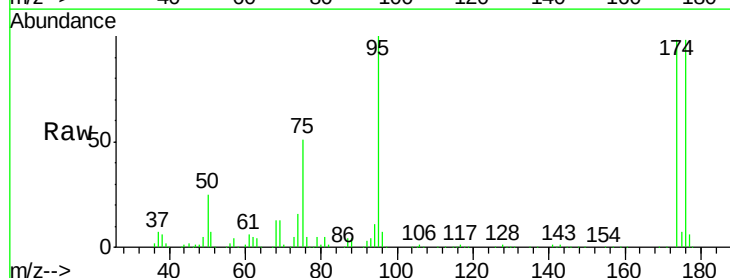
Tgt Ion: 95 Resp: 507017

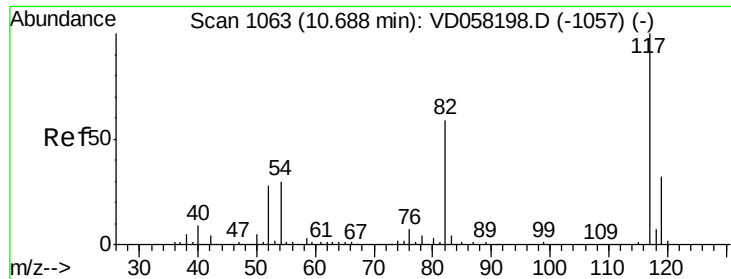
Ion Ratio Lower Upper

95 100

174 98.0 0.0 170.2

176 97.7 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

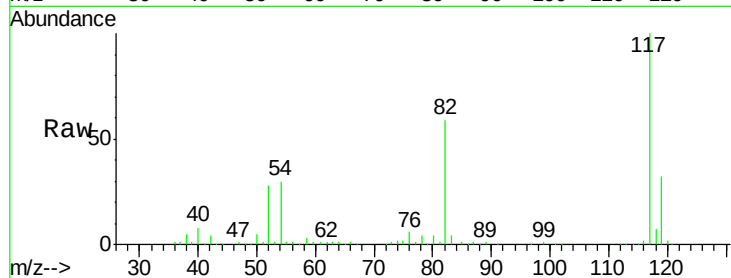
Tot Ion:117 Resp: 993765

Ion Ratio Lower Upper

117 100

82 58.5 47.0 70.6

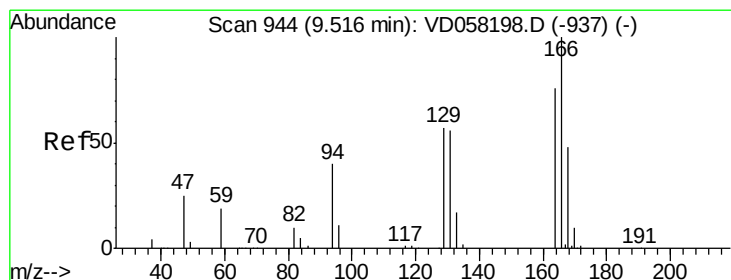
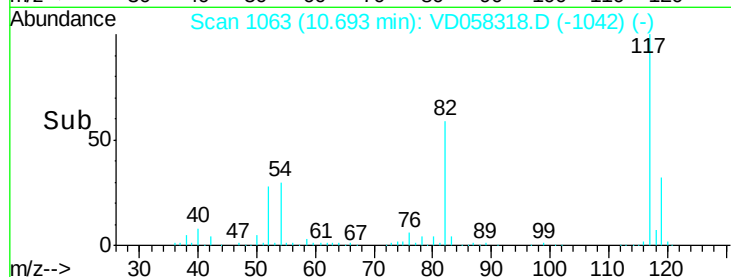
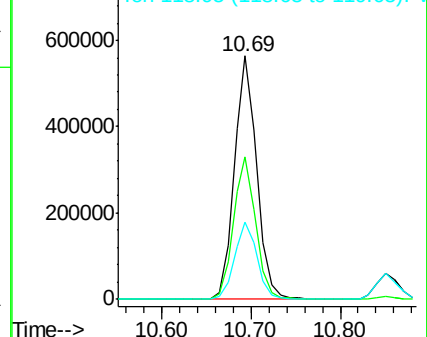
119 31.6 25.3 37.9



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: 24.78 ug/l

RT: 9.52 min Scan# 944

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Tgt Ion:164 Resp: 207218

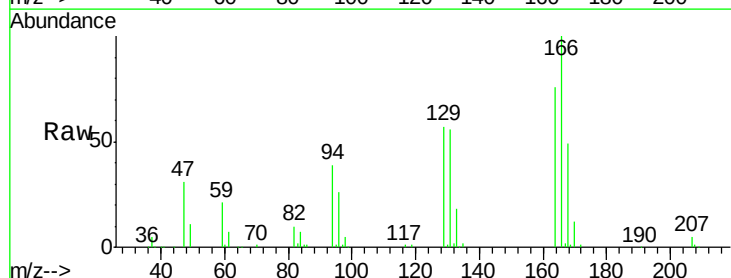
Ion Ratio Lower Upper

164 100

166 131.0 105.4 158.0

129 74.1 59.6 89.4

131 74.0 59.4 89.2

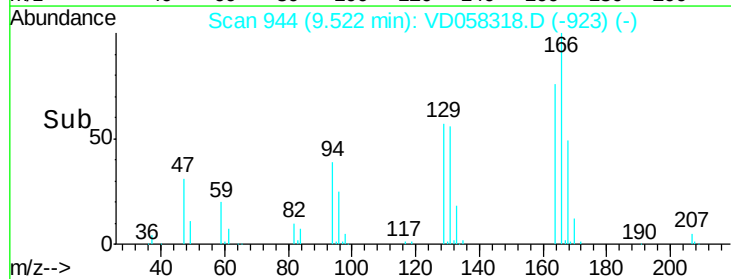
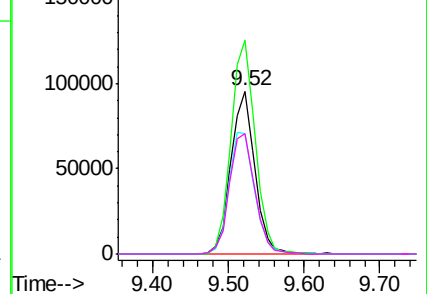


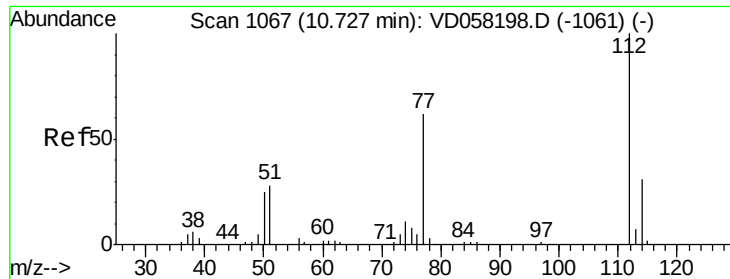
Abundance Ion 163.85 (163.55 to 164.55): V

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

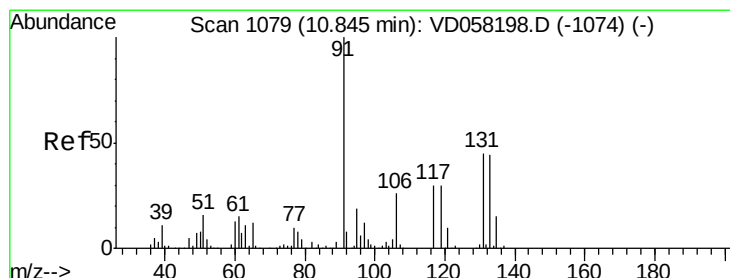
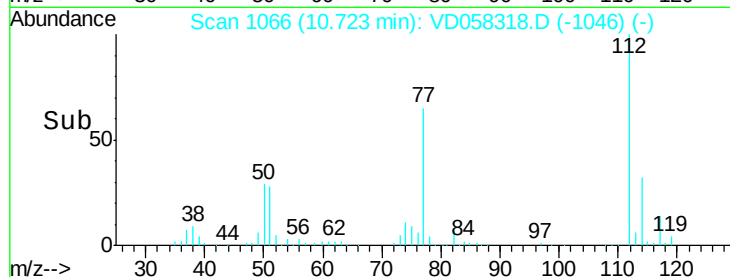
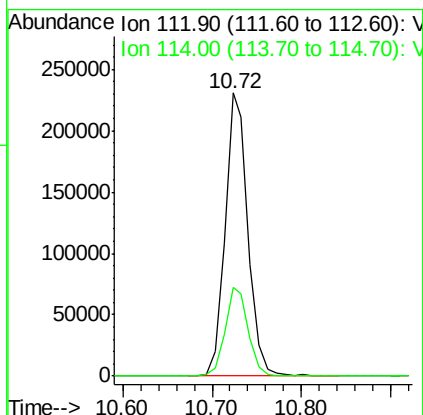
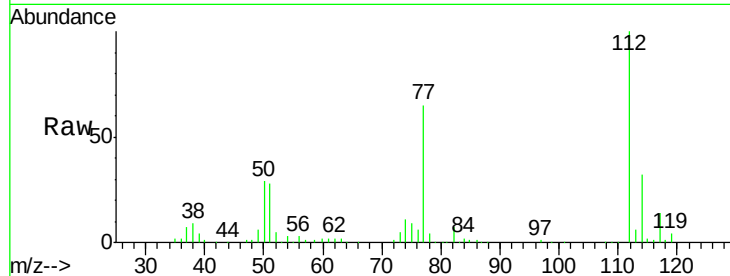




#65  
Chlorobenzene  
Concen: 22.24 ug/l  
RT: 10.72 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: VD058318.D  
Acq: 23 Jun 2018 3:20

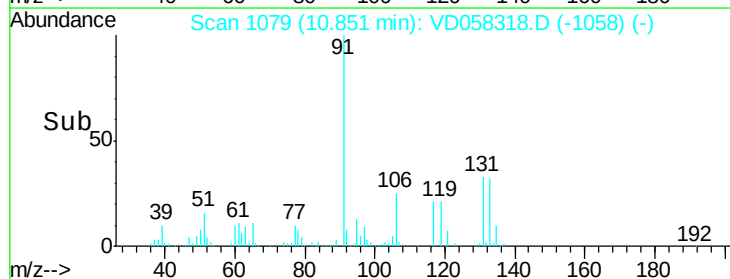
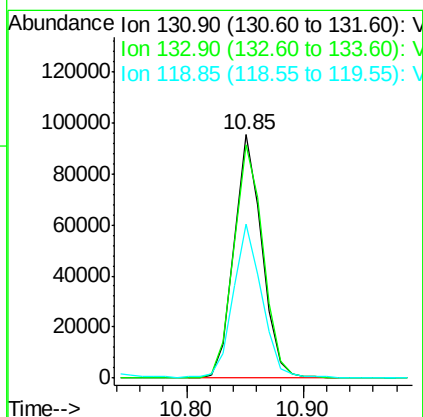
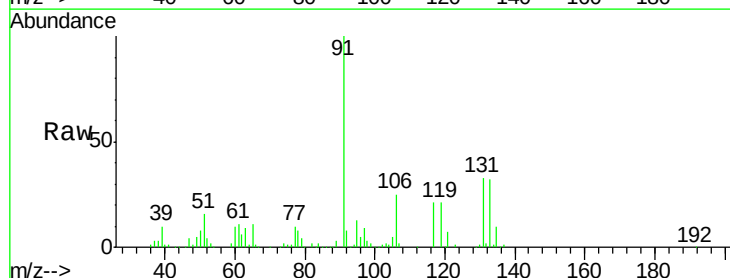
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0622SBS02

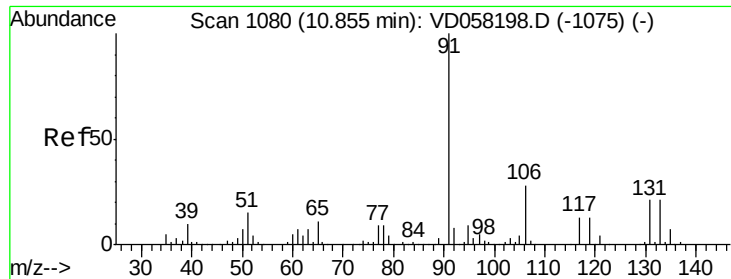
Tot Ion:112 Resp: 413345  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.99 ug/l  
RT: 10.85 min Scan# 1079  
Delta R.T. 0.01 min  
Lab File: VD058318.D  
Acq: 23 Jun 2018 3:20

Tgt Ion:131 Resp: 157764  
Ion Ratio Lower Upper  
131 100  
133 95.6 48.6 145.9  
119 63.3 33.0 99.0

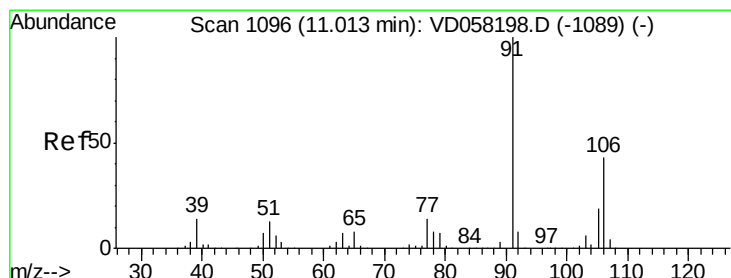
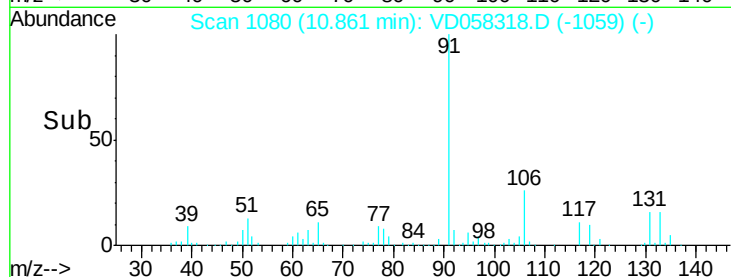
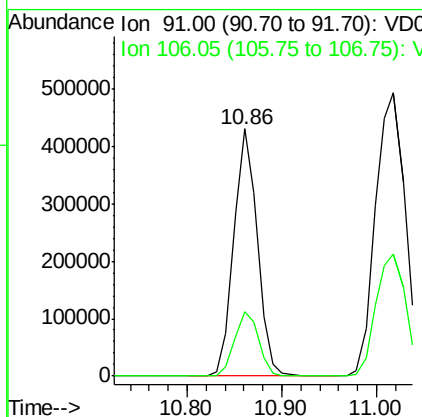
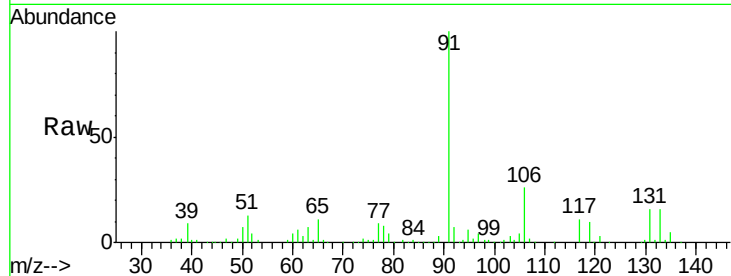




#67  
Ethyl Benzene  
Concen: 22.63 ug/l  
RT: 10.86 min Scan# 1080  
Delta R.T. 0.01 min  
Lab File: VD058318.D  
Acq: 23 Jun 2018 3:20

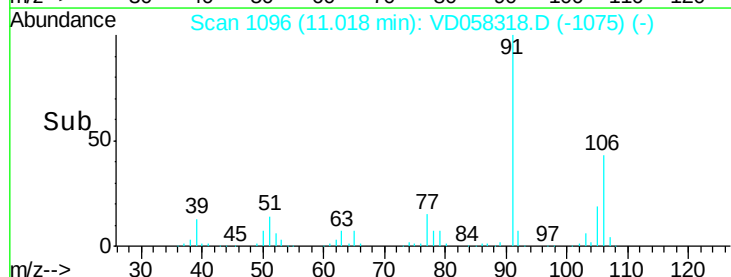
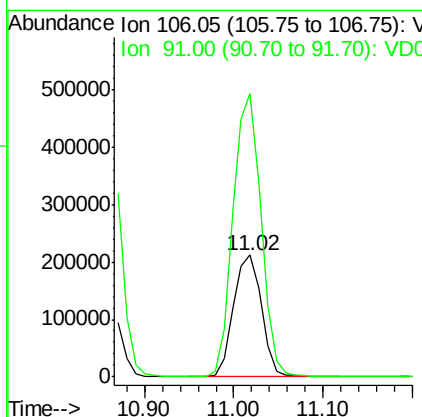
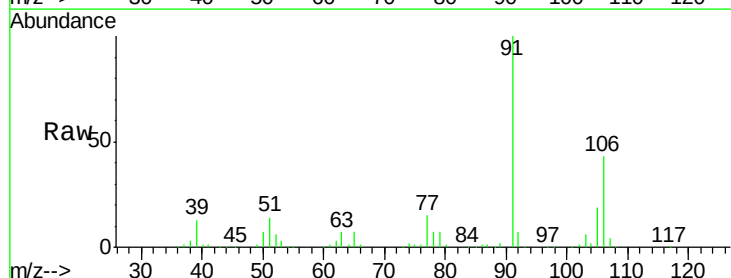
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0622SBS02

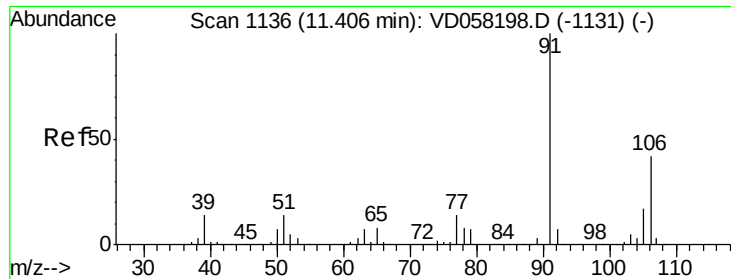
Tot Ion: 91 Resp: 742590  
Ion Ratio Lower Upper  
91 100  
106 26.0 22.0 33.0



#68  
m/p-Xylenes  
Concen: 42.71 ug/l  
RT: 11.02 min Scan# 1096  
Delta R.T. 0.01 min  
Lab File: VD058318.D  
Acq: 23 Jun 2018 3:20

Tgt Ion: 106 Resp: 467434  
Ion Ratio Lower Upper  
106 100  
91 232.7 185.0 277.6

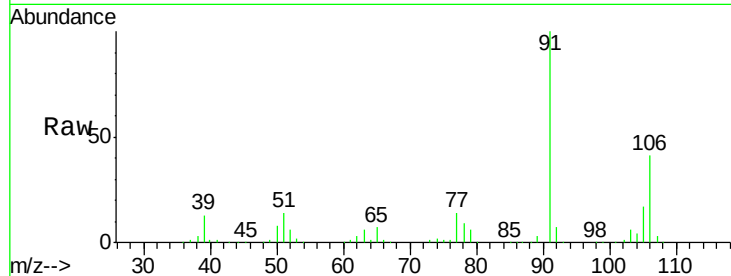




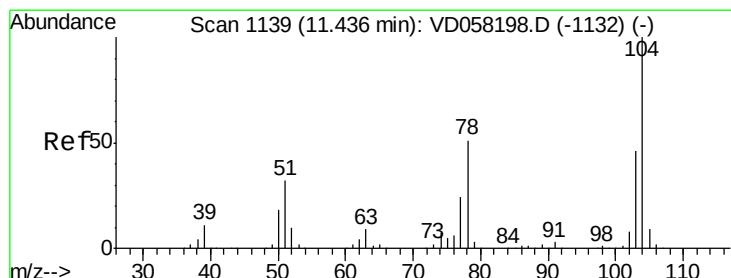
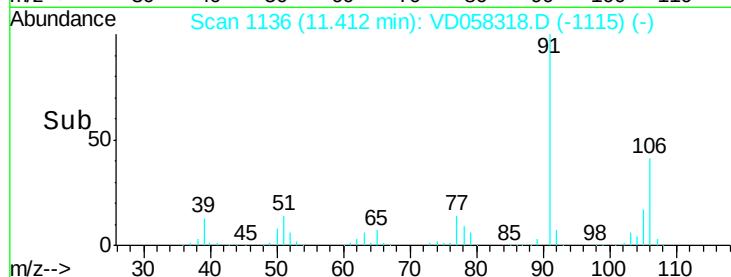
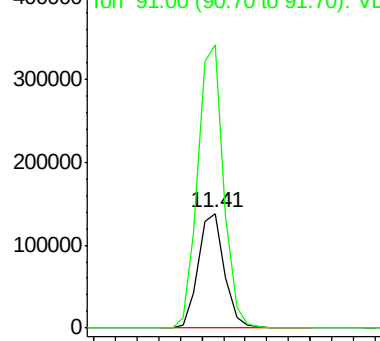
#69  
o-Xylene  
Concen: 22.20 ug/l  
RT: 11.41 min Scan# 1136  
Delta R.T. 0.01 min  
Lab File: VD058318.D  
Acq: 23 Jun 2018 3:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0622SBS02

Tot Ion:106 Resp: 232067  
Ion Ratio Lower Upper  
106 100  
91 246.7 120.2 360.6

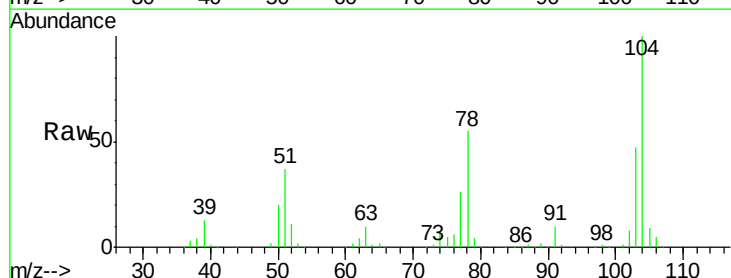


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

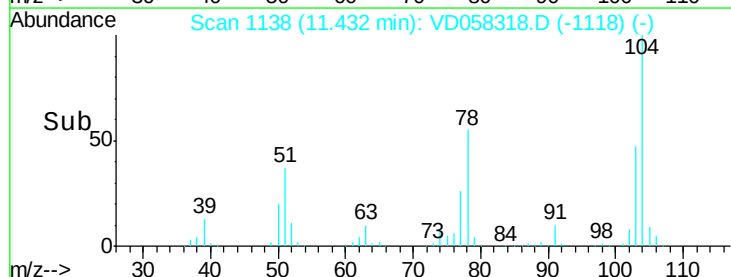
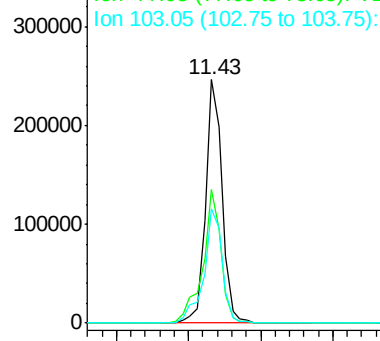


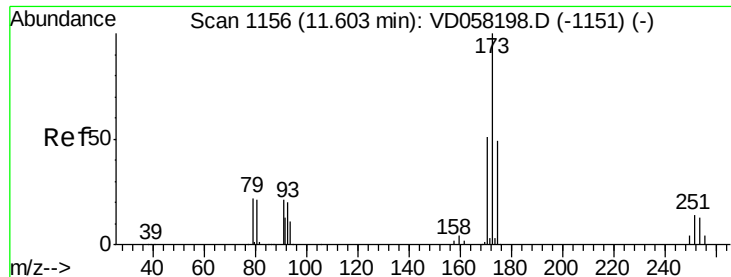
#70  
Styrene  
Concen: 22.00 ug/l  
RT: 11.43 min Scan# 1138  
Delta R.T. -0.00 min  
Lab File: VD058318.D  
Acq: 23 Jun 2018 3:20

Tgt Ion:104 Resp: 392389  
Ion Ratio Lower Upper  
104 100  
78 54.8 40.8 61.2  
103 46.8 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: 20.69 ug/l

RT: 11.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

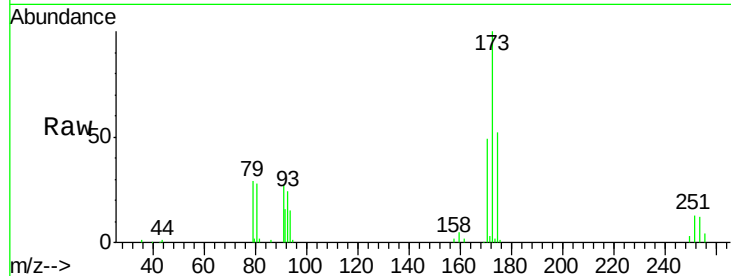
Tot Ion:173 Resp: 118401

Ion Ratio Lower Upper

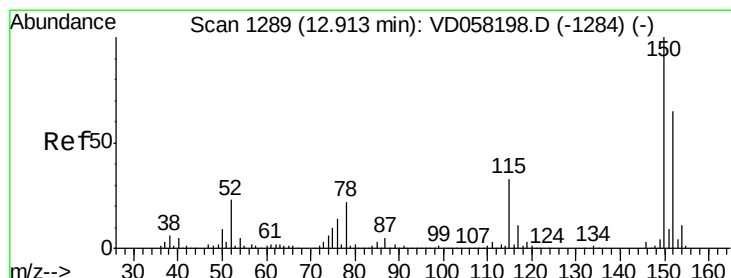
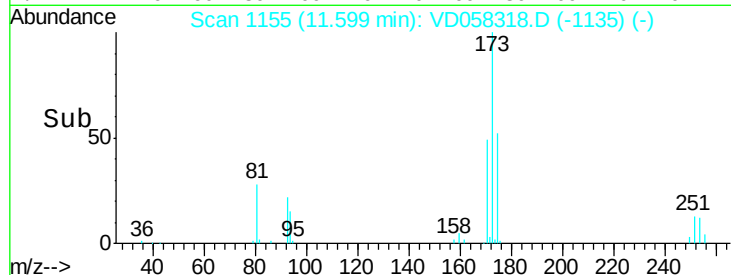
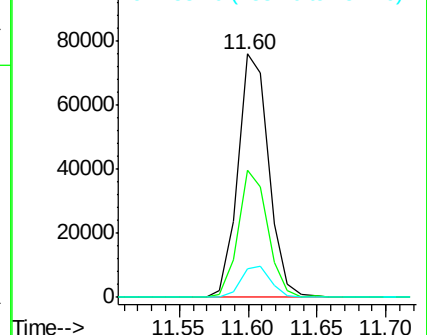
173 100

175 52.1 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: VD058318.D

Acq: 23 Jun 2018 3:20

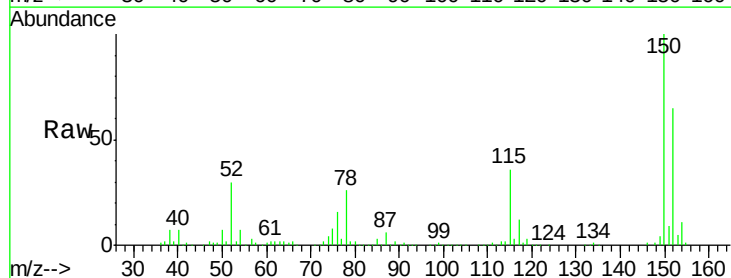
Tgt Ion:152 Resp: 496924

Ion Ratio Lower Upper

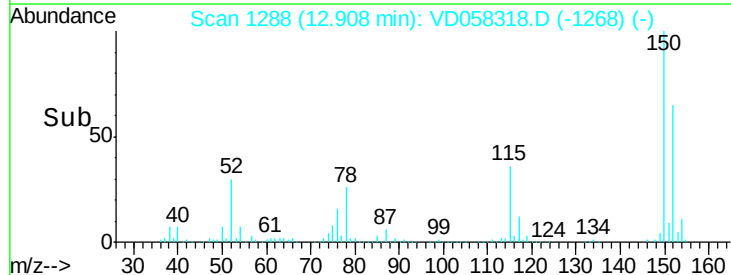
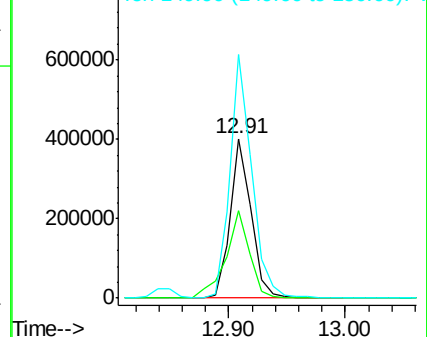
152 100

115 55.0 25.1 75.3

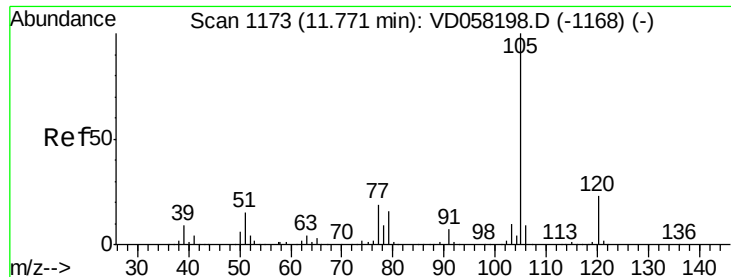
150 152.9 0.0 308.8



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: 22.56 ug/l

RT: 11.78 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

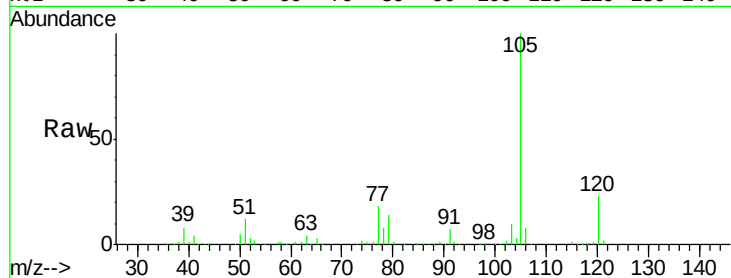
VD0622SBS02

Tot Ion:105 Resp: 670577

Ion Ratio Lower Upper

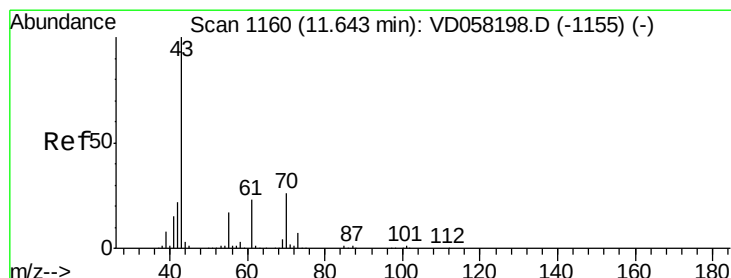
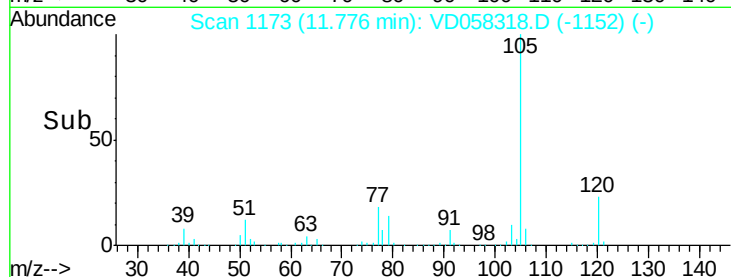
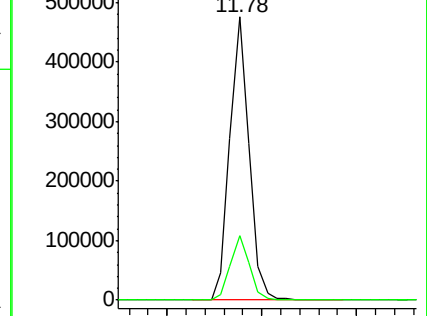
105 100

120 23.0 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: 21.85 ug/l

RT: 11.65 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Tgt Ion: 43 Resp: 251170

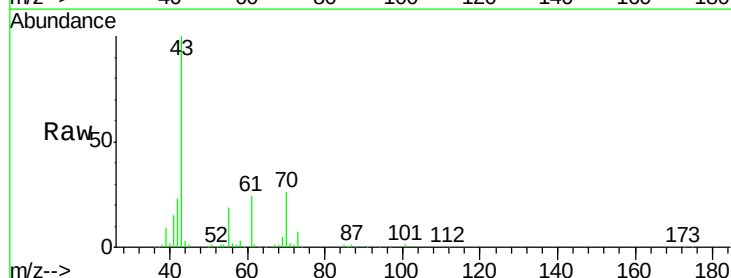
Ion Ratio Lower Upper

43 100

70 26.5 20.9 31.3

55 18.7 13.5 20.3

61 24.1 18.2 27.2

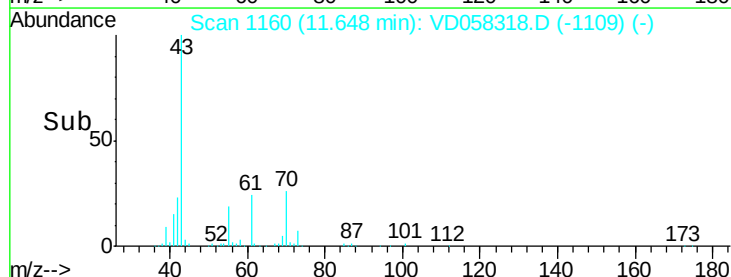
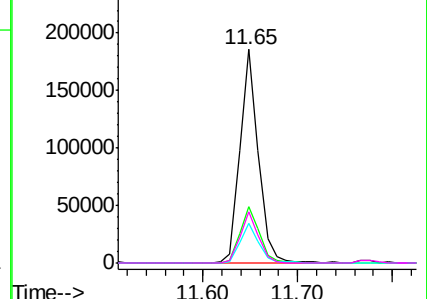


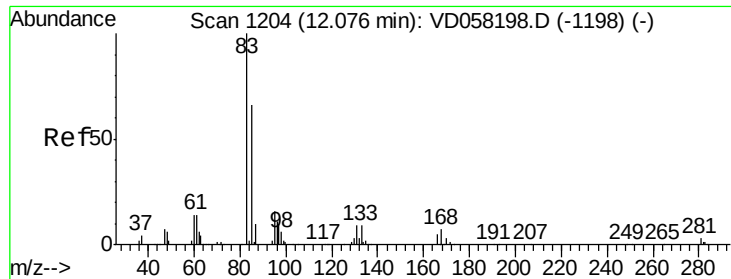
Abundance Ion 42.95 (42.65 to 43.65): V

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: 21.77 ug/l

RT: 12.08 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

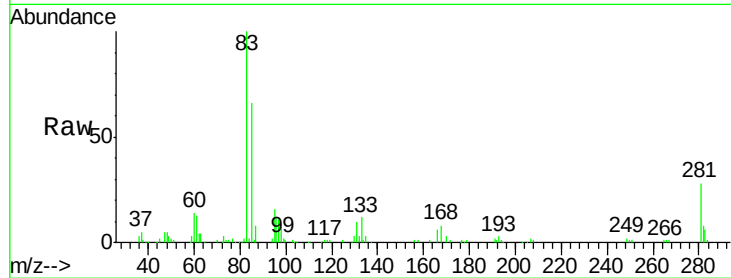
Tot Ion: 83 Resp: 150557

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.0  | 4.8   | 14.3  |
| 85  | 65.6  | 33.1  | 99.5  |

83 100

131 10.0 4.8 14.3

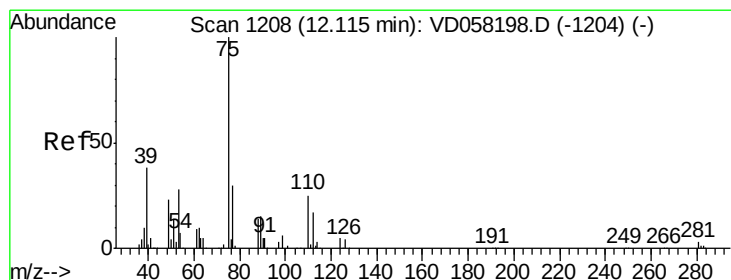
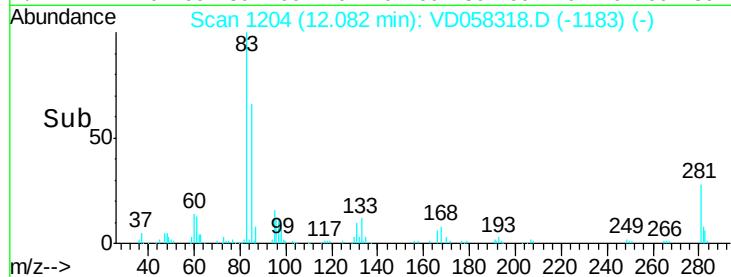
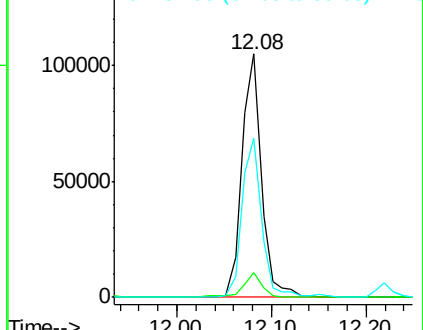
85 65.6 33.1 99.5



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: 21.48 ug/l

RT: 12.11 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VD058318.D

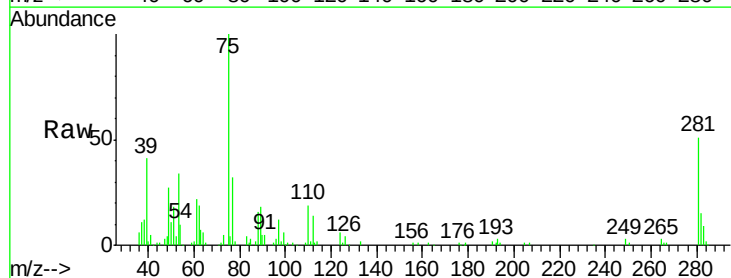
Acq: 23 Jun 2018 3:20

Tgt Ion: 75 Resp: 155852

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 32.1  | 16.0  | 47.9  |

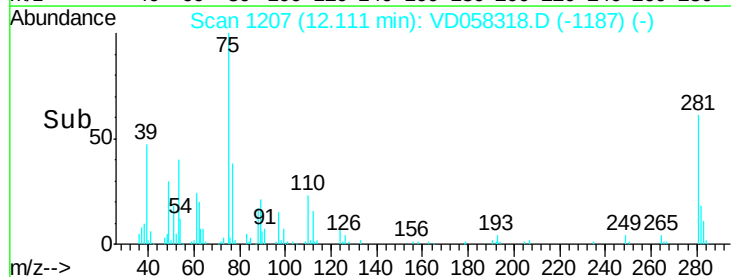
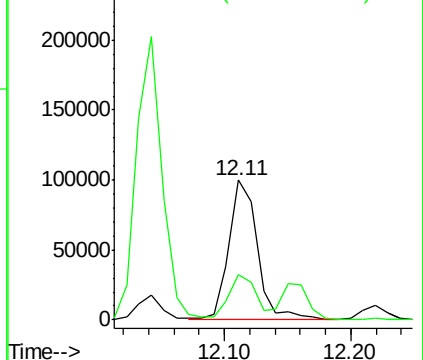
75 100

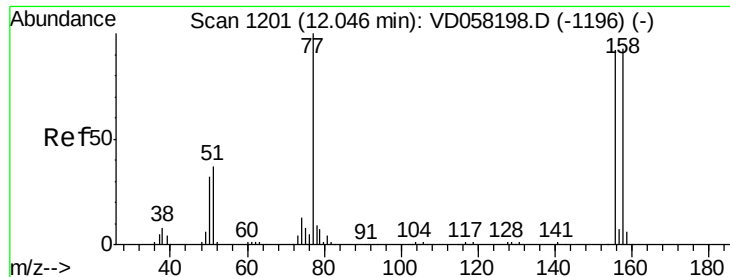
77 32.1 16.0 47.9



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 23.06 ug/l

RT: 12.04 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

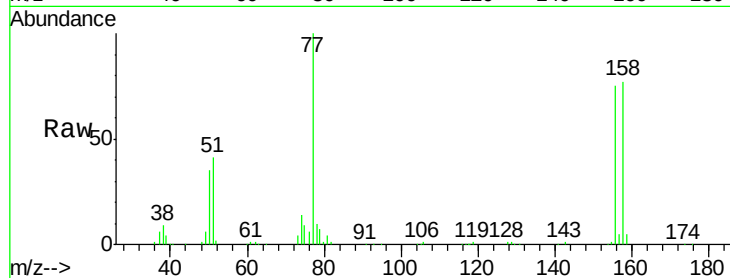
Tot Ion:156 Resp: 205252

Ion Ratio Lower Upper

156 100

77 133.4 54.5 163.6

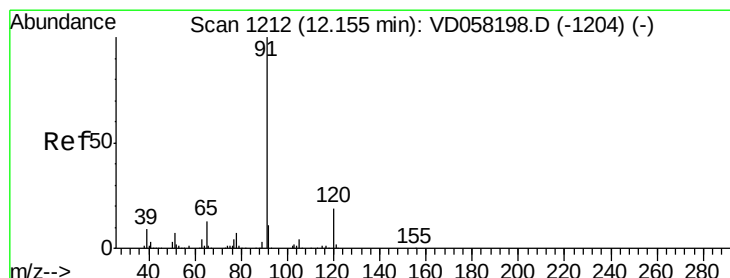
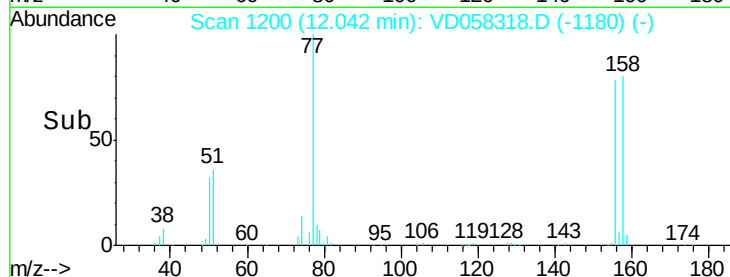
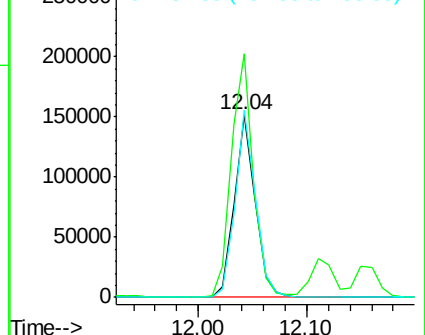
158 102.6 50.8 152.5



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 23.33 ug/l

RT: 12.15 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VD058318.D

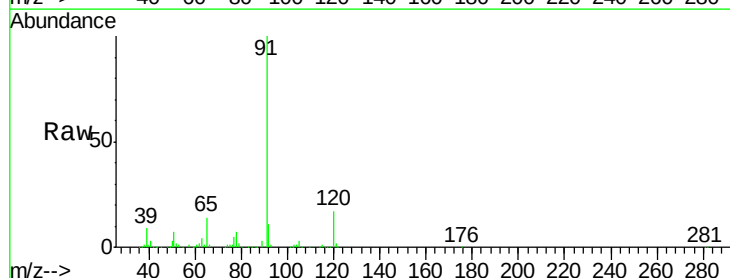
Acq: 23 Jun 2018 3:20

Tgt Ion: 91 Resp: 895639

Ion Ratio Lower Upper

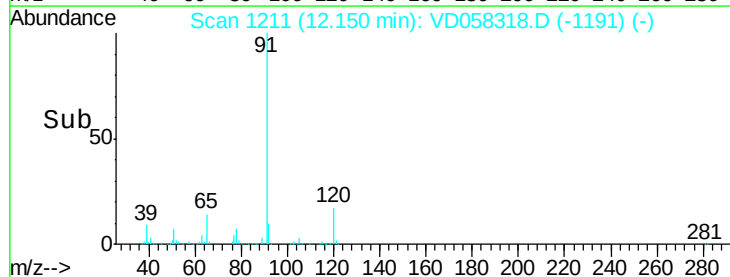
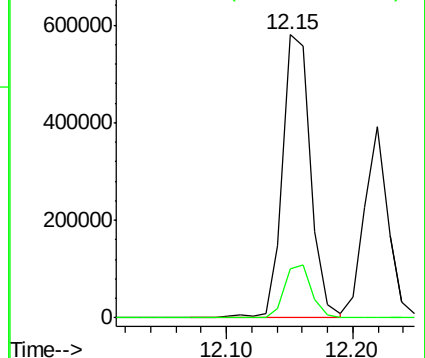
91 100

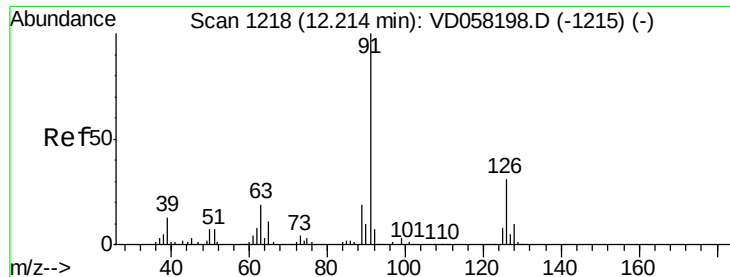
120 17.5 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

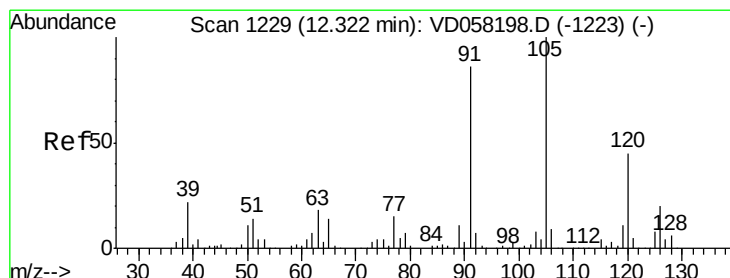
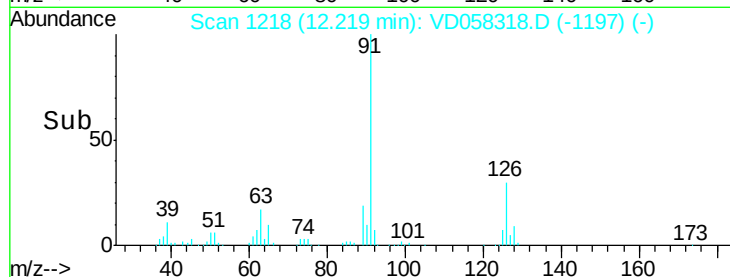
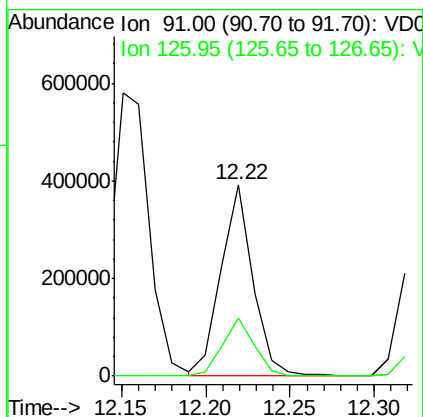
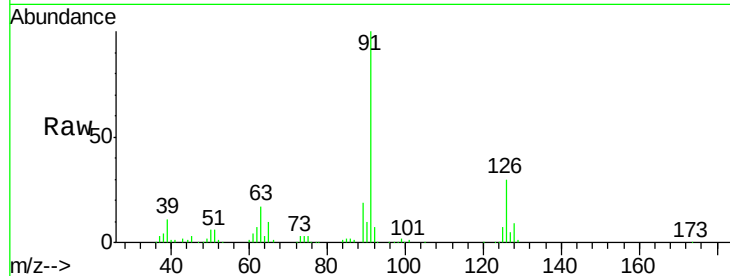




#79  
 2-Chlorotoluene  
 Concen: 23.45 ug/l  
 RT: 12.22 min Scan# 1218  
 Delta R.T. 0.01 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

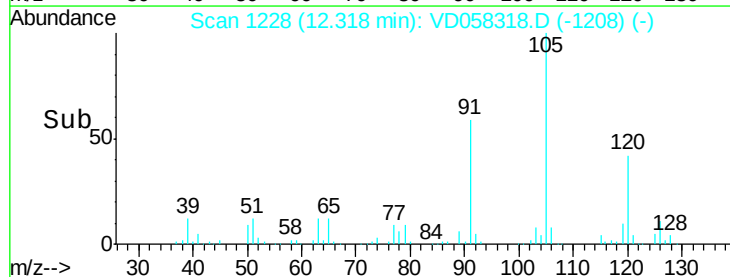
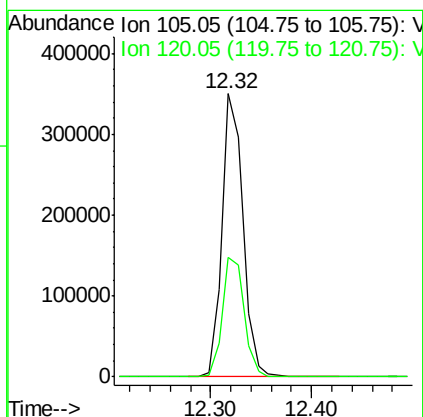
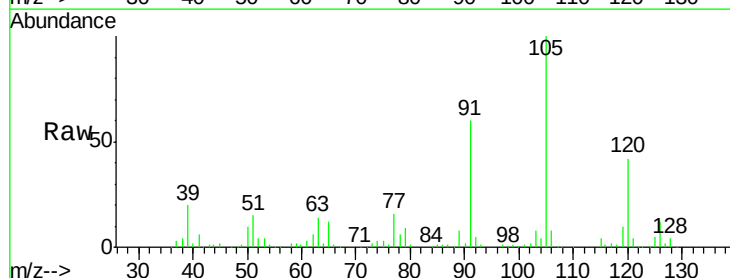
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0622SBS02

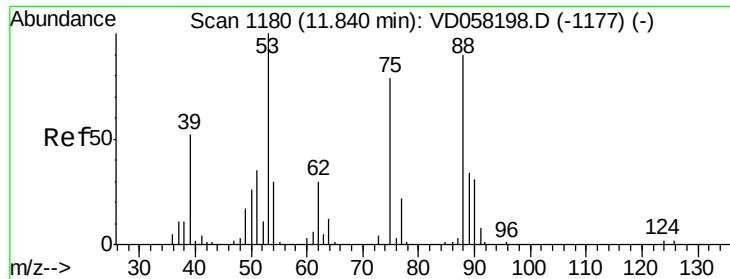
Tot Ion: 91 Resp: 515022  
 Ion Ratio Lower Upper  
 91 100  
 126 30.1 14.9 44.5



#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.91 ug/l  
 RT: 12.32 min Scan# 1228  
 Delta R.T. -0.00 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

Tgt Ion: 105 Resp: 507976  
 Ion Ratio Lower Upper  
 105 100  
 120 42.4 22.5 67.5

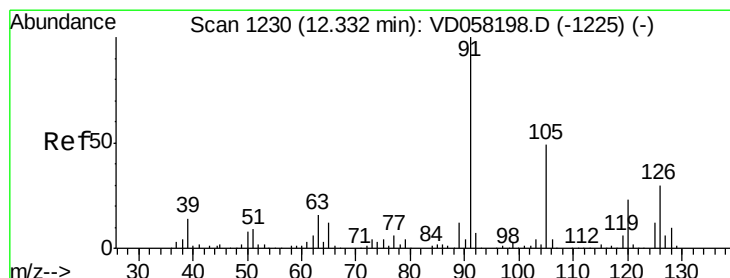
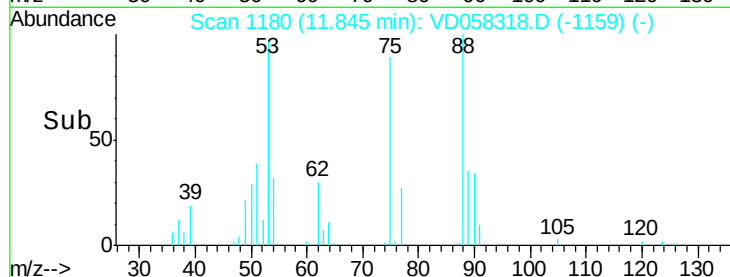
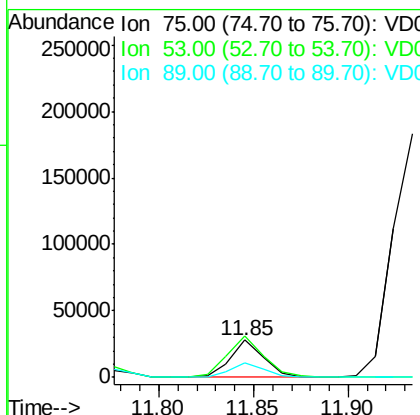
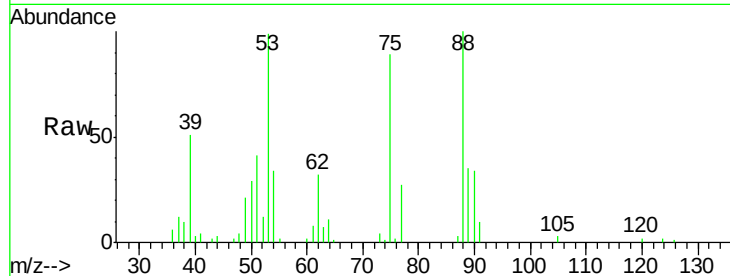




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.27 ug/l  
RT: 11.85 min Scan# 1180  
Delta R.T. 0.01 min  
Lab File: VD058318.D  
Acq: 23 Jun 2018 3:20

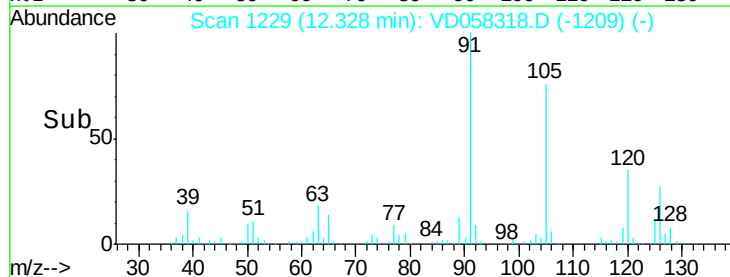
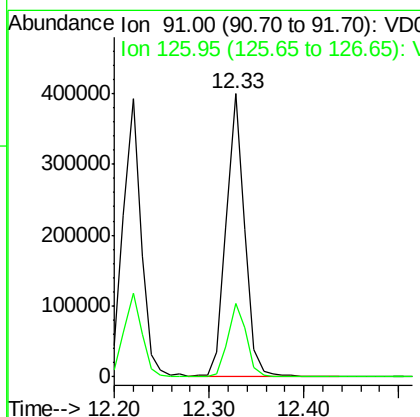
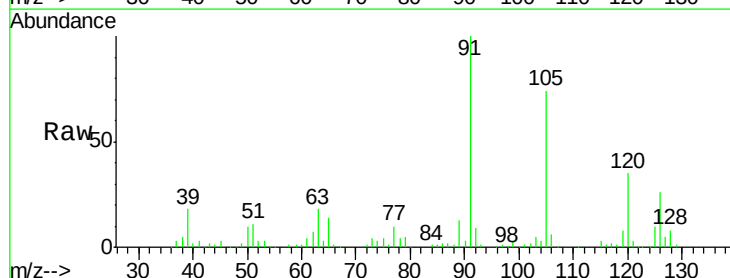
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0622SBS02

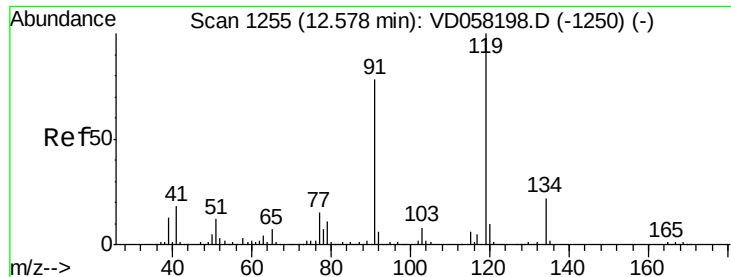
Tot Ion: 75 Resp: 34095  
Ion Ratio Lower Upper  
75 100  
53 110.6 100.8 151.2  
89 39.4 34.6 52.0



#82  
4-Chlorotoluene  
Concen: 21.97 ug/l  
RT: 12.33 min Scan# 1229  
Delta R.T. -0.00 min  
Lab File: VD058318.D  
Acq: 23 Jun 2018 3:20

Tgt Ion: 91 Resp: 535577  
Ion Ratio Lower Upper  
91 100  
126 26.0 14.9 44.9

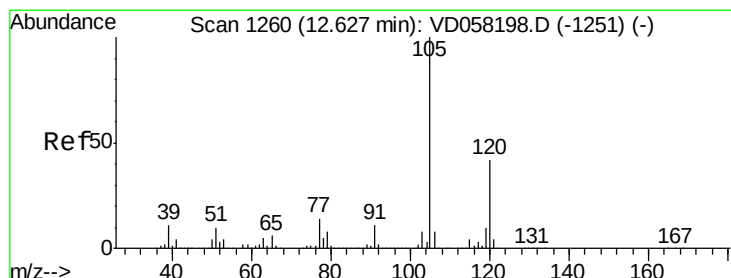
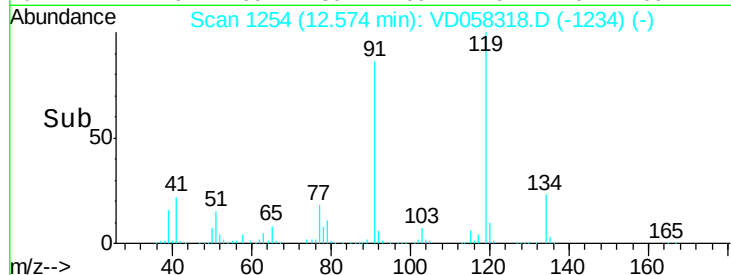
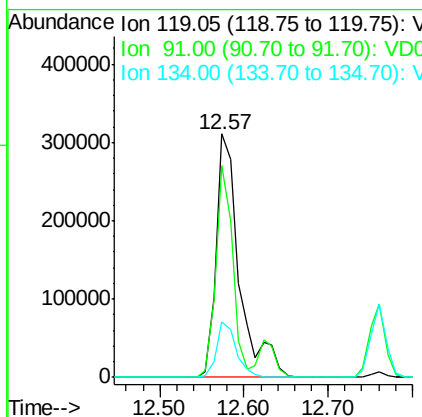
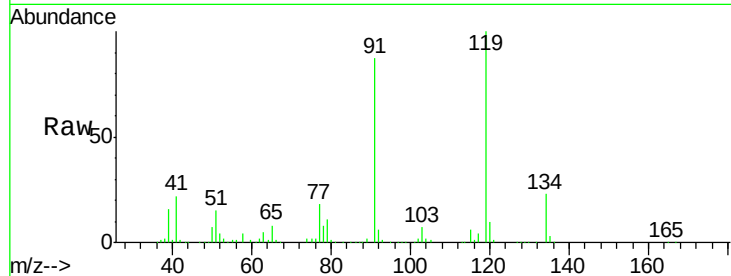




#83  
 tert-Butylbenzene  
 Concen: 22.47 ug/l  
 RT: 12.57 min Scan# 1254  
 Delta R.T. -0.00 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

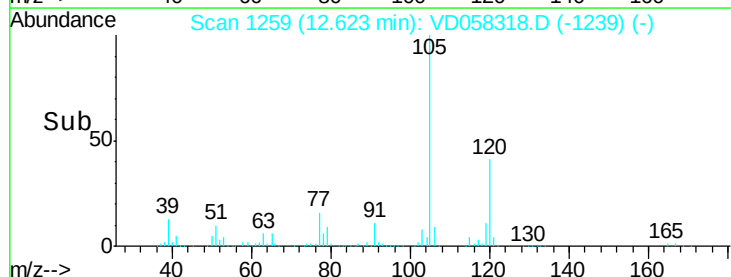
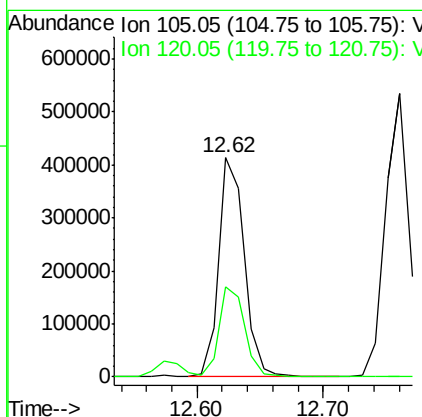
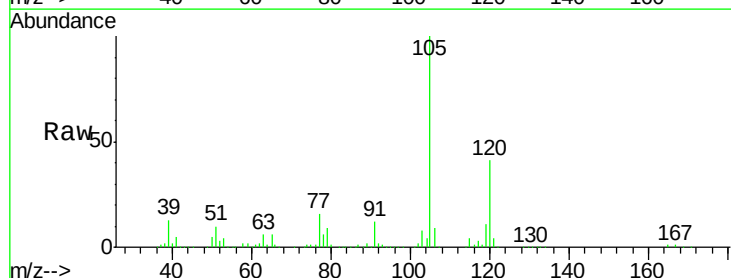
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0622SBS02

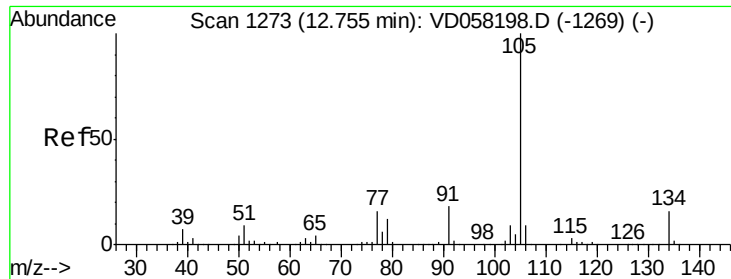
Tot Ion:119 Resp: 598907  
 Ion Ratio Lower Upper  
 119 100  
 91 86.9 38.9 116.6  
 134 22.7 11.2 33.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 22.84 ug/l  
 RT: 12.62 min Scan# 1259  
 Delta R.T. -0.00 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

Tgt Ion:105 Resp: 575511  
 Ion Ratio Lower Upper  
 105 100  
 120 41.4 20.8 62.4





#85

sec-Butylbenzene

Concen: 22.74 ug/l

RT: 12.76 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

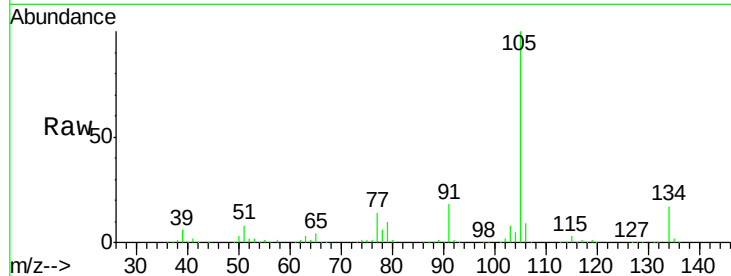
VD0622SBS02

Tot Ion:105 Resp: 710563

Ion Ratio Lower Upper

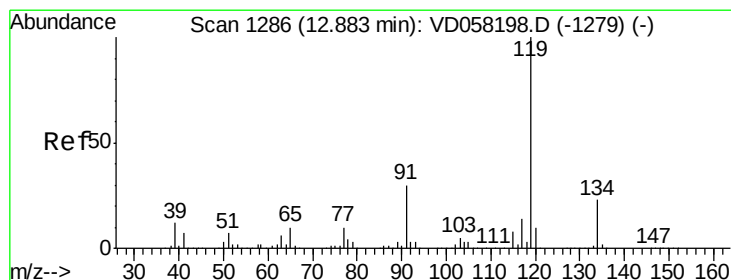
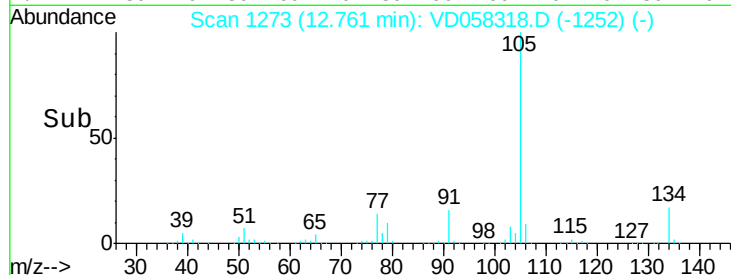
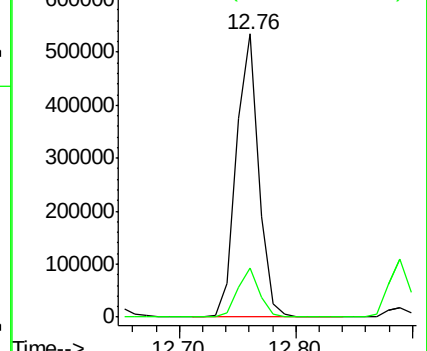
105 100

134 17.4 8.1 24.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 22.51 ug/l

RT: 12.89 min Scan# 1286

Delta R.T. 0.01 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

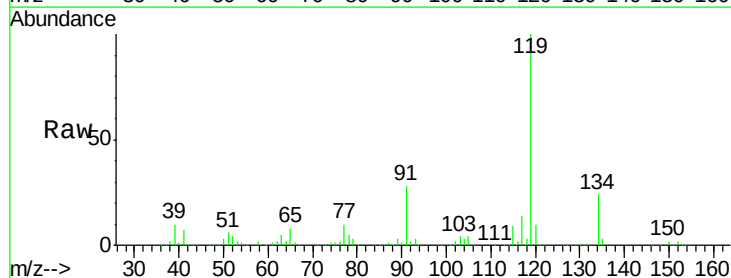
Tgt Ion:119 Resp: 569778

Ion Ratio Lower Upper

119 100

134 24.3 11.6 34.8

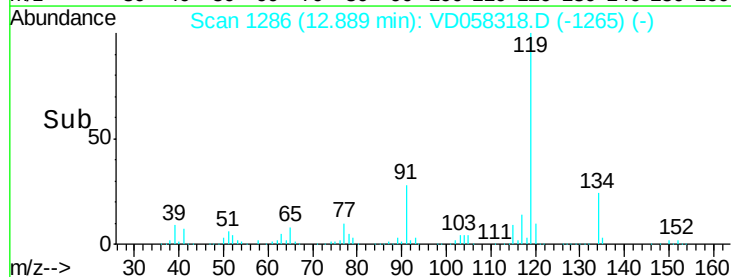
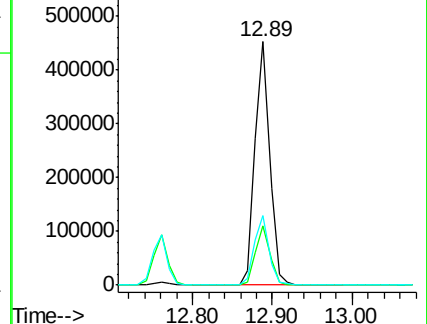
91 28.4 15.0 45.1

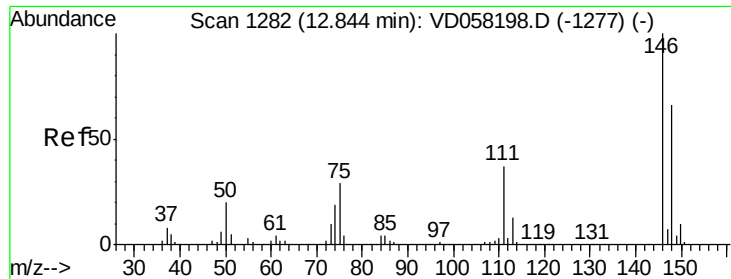


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

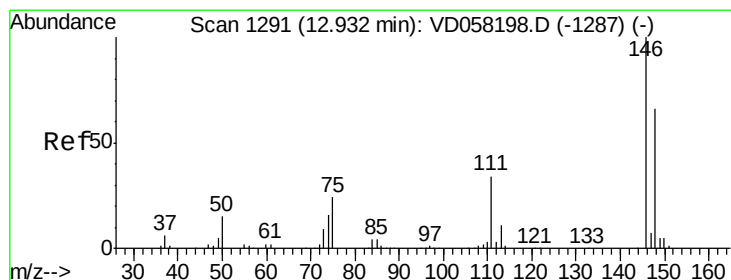
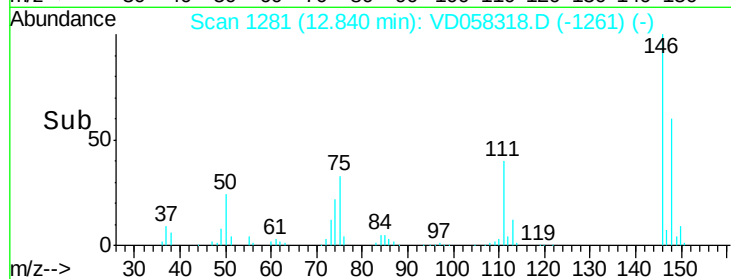
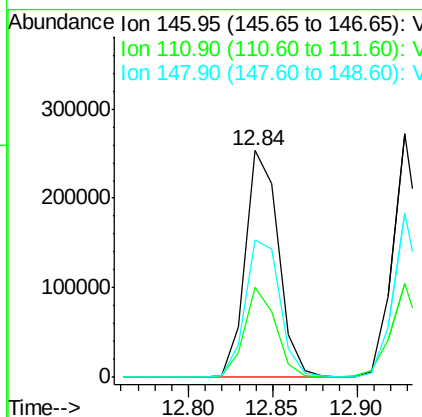
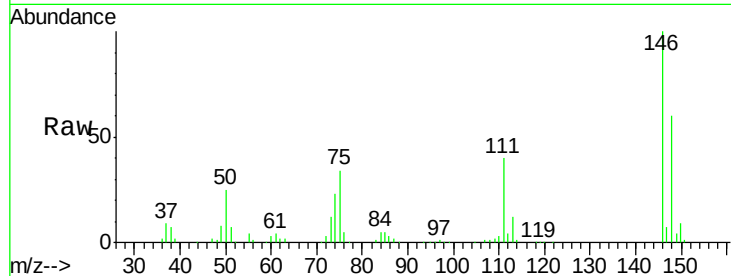




#87  
 1,3-Dichlorobenzene  
 Concen: 22.38 ug/l  
 RT: 12.84 min Scan# 1281  
 Delta R.T. -0.00 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

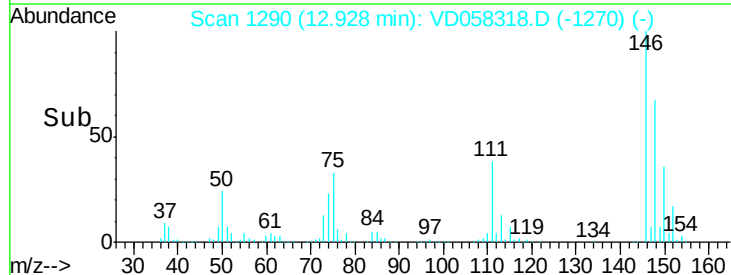
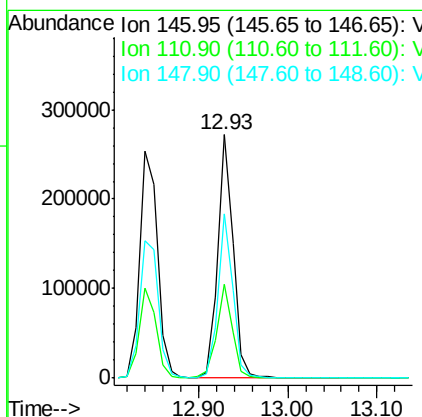
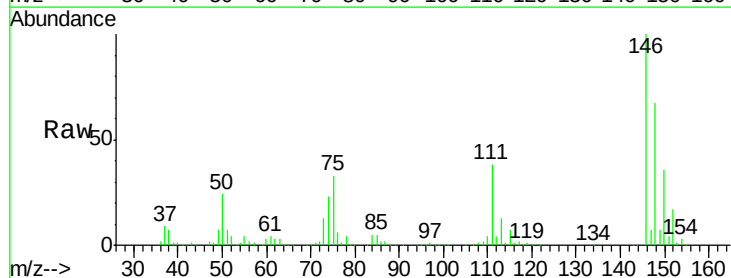
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0622SBS02

Tot Ion:146 Resp: 346209  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 18.4 55.0  
 148 60.4 32.8 98.4

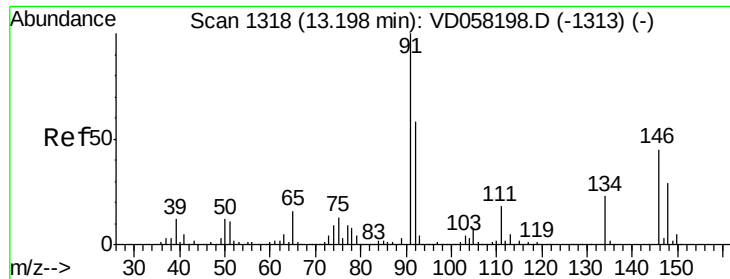


#88  
 1,4-Dichlorobenzene  
 Concen: 21.80 ug/l  
 RT: 12.93 min Scan# 1290  
 Delta R.T. -0.00 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

Tgt Ion:146 Resp: 329255  
 Ion Ratio Lower Upper  
 146 100  
 111 38.3 17.2 51.5  
 148 67.4 33.1 99.3



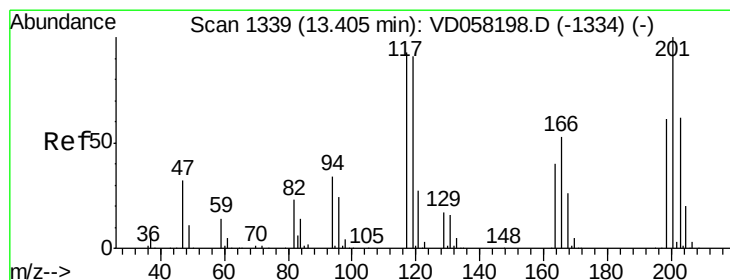
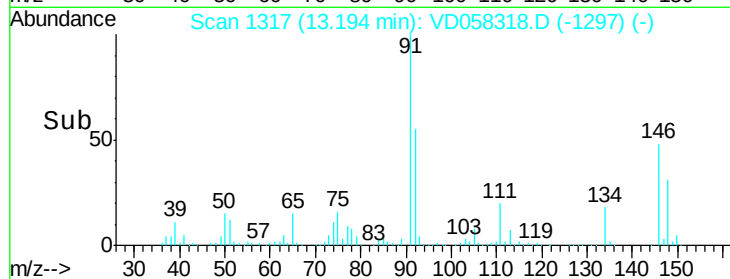
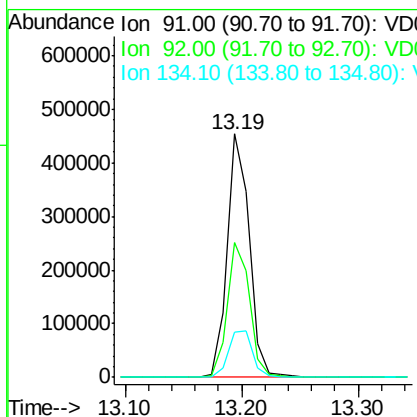
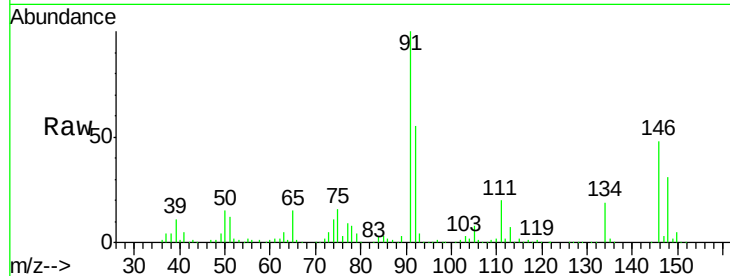




#89  
n-Butylbenzene  
Concen: 22.37 ug/l  
RT: 13.19 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VD058318.D  
Acq: 23 Jun 2018 3:20

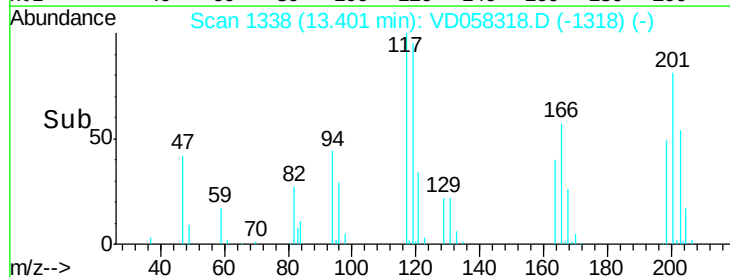
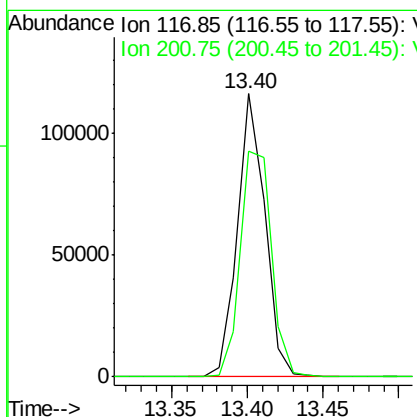
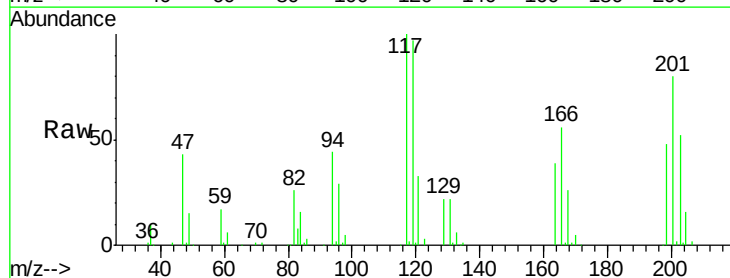
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0622SBS02

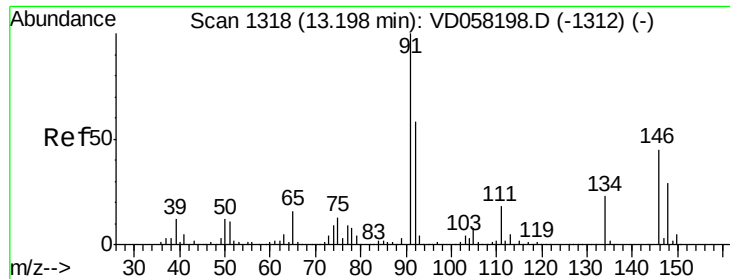
Tot Ion: 91 Resp: 595239  
Ion Ratio Lower Upper  
91 100  
92 55.5 29.2 87.6  
134 18.5 11.3 33.8



#90  
Hexachloroethane  
Concen: 22.22 ug/l  
RT: 13.40 min Scan# 1338  
Delta R.T. -0.00 min  
Lab File: VD058318.D  
Acq: 23 Jun 2018 3:20

Tgt Ion: 117 Resp: 145989  
Ion Ratio Lower Upper  
117 100  
201 79.7 53.8 161.4

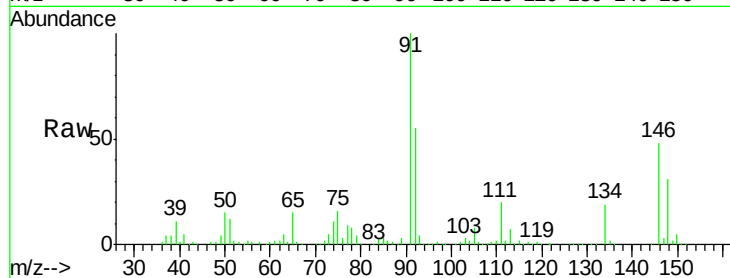




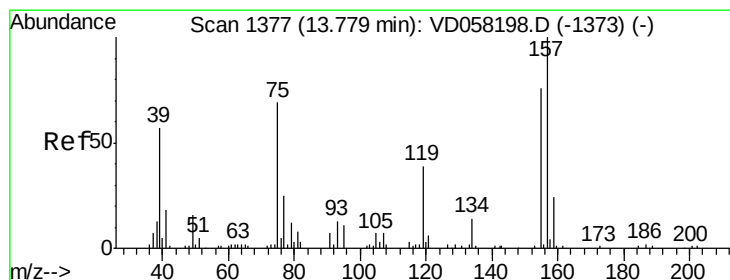
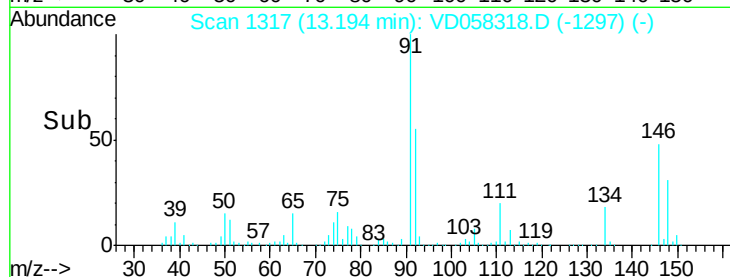
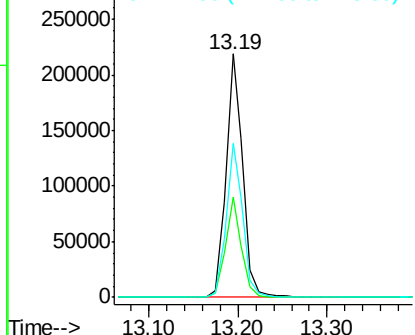
#91  
 1,2-Dichlorobenzene  
 Concen: 22.07 ug/l  
 RT: 13.19 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0622SBS02

Tot Ion:146 Resp: 290493  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 19.6 58.7  
 148 63.5 32.0 96.2

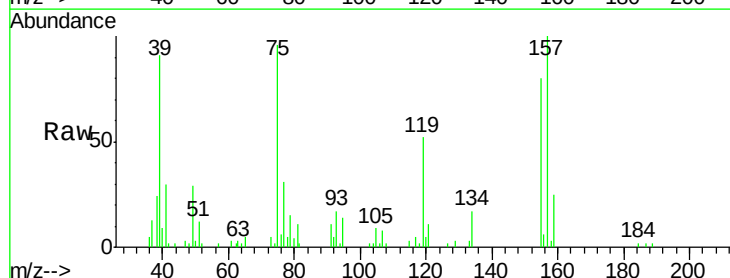


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

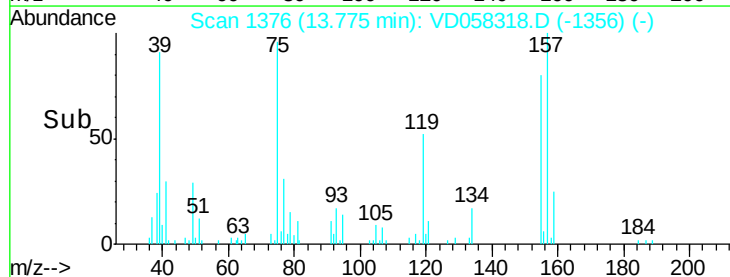
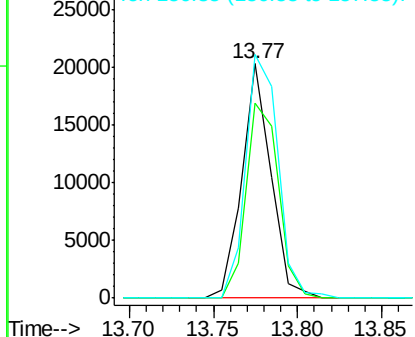


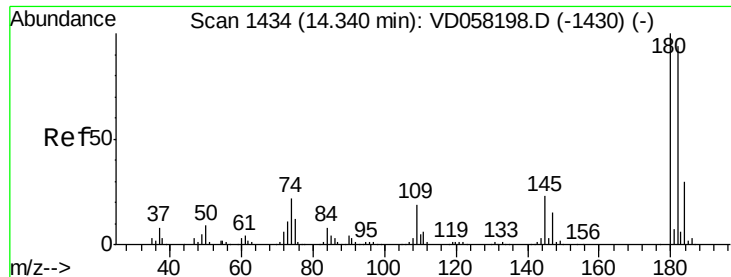
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 22.05 ug/l  
 RT: 13.77 min Scan# 1376  
 Delta R.T. -0.00 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

Tgt Ion: 75 Resp: 24269  
 Ion Ratio Lower Upper  
 75 100  
 155 83.1 54.5 163.5  
 157 103.8 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

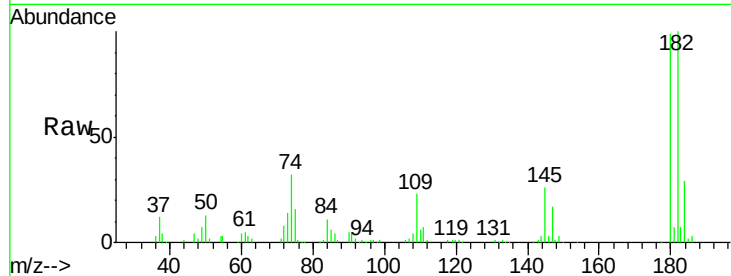




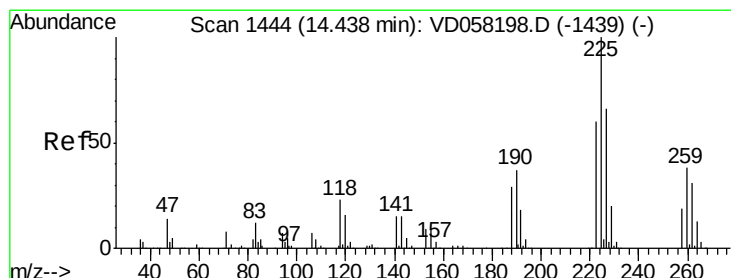
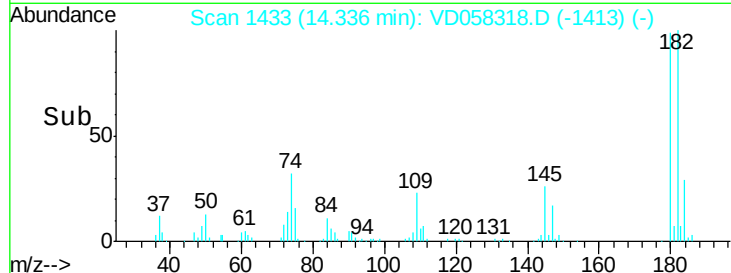
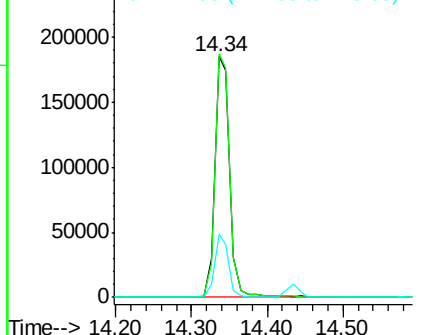
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.55 ug/l  
 RT: 14.34 min Scan# 1433  
 Delta R.T. -0.00 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0622SBS02

Tot Ion:180 Resp: 258810  
 Ion Ratio Lower Upper  
 180 100  
 182 101.0 47.1 141.3  
 145 26.1 11.7 35.0

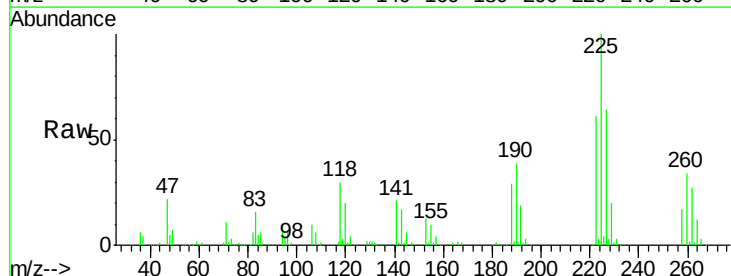


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

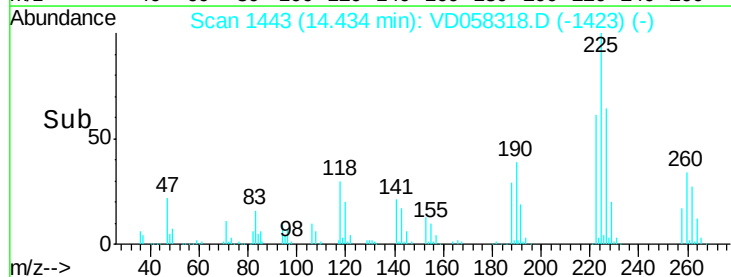
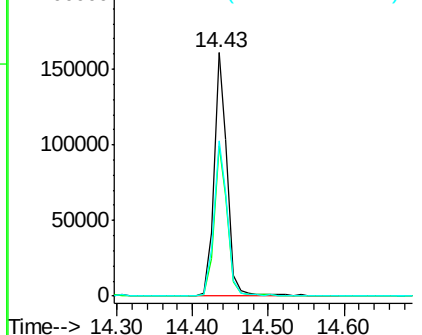


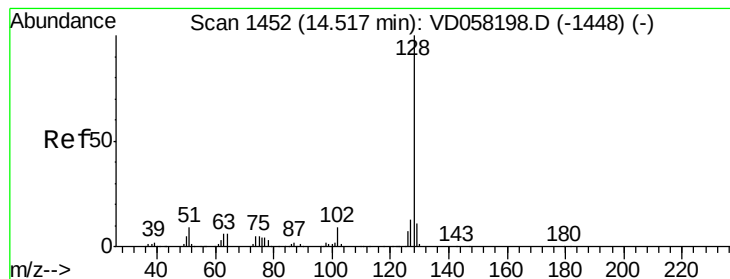
#94  
 Hexachlorobutadiene  
 Concen: 20.16 ug/l  
 RT: 14.43 min Scan# 1443  
 Delta R.T. -0.00 min  
 Lab File: VD058318.D  
 Acq: 23 Jun 2018 3:20

Tgt Ion:225 Resp: 198571  
 Ion Ratio Lower Upper  
 225 100  
 223 61.4 30.1 90.3  
 227 64.0 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: 21.27 ug/l

RT: 14.51 min Scan# 1451

Delta R.T. -0.00 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0622SBS02

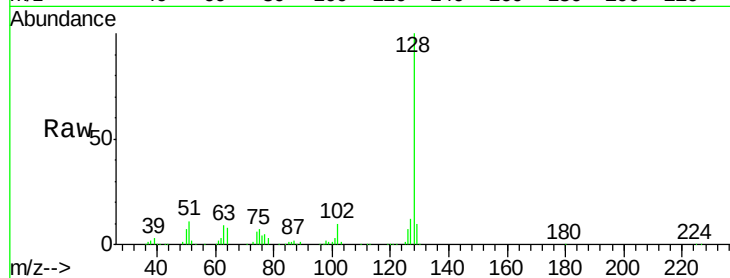
Tot Ion:128 Resp: 352716

Ion Ratio Lower Upper

128 100

127 12.0 10.0 15.0

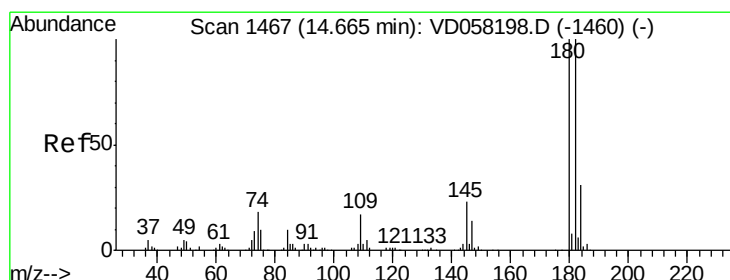
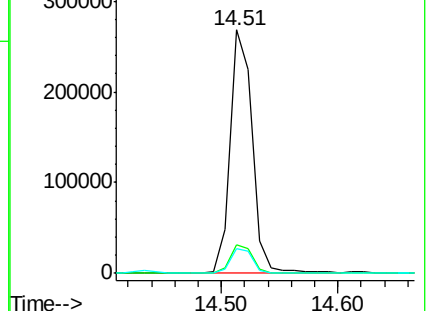
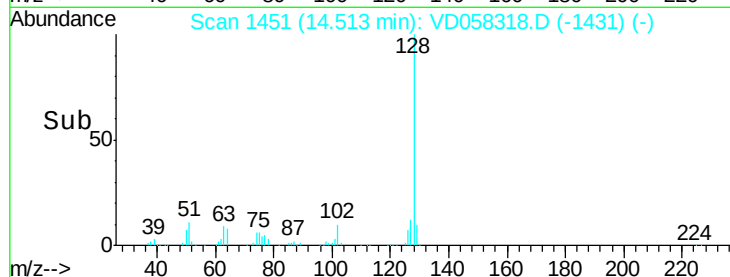
129 10.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.26 ug/l

RT: 14.66 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VD058318.D

Acq: 23 Jun 2018 3:20

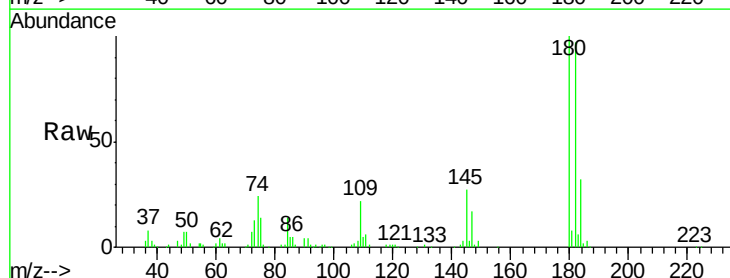
Tgt Ion:180 Resp: 223325

Ion Ratio Lower Upper

180 100

182 96.9 49.9 149.6

145 27.4 11.7 35.1



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

