

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030619\  
 Data File : VD060961.D  
 Acq On : 6 Mar 2019 13:19  
 Operator : VA/AP  
 Sample : VD0306SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0306SBS01

Quant Time: Mar 07 06:02:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D030119S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 02 01:28:28 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.05  | 168  | 749916   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 1247803  | 50.00 | ug/l  | 0.02     |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 1038051  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 477076   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.45  | 65   | 339578   | 54.78 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 109.56% |          |
| 35) Dibromofluoromethane    | 6.93  | 113  | 525472   | 52.53 | ug/l    | 0.02     |
| Spiked Amount               |       |      | Recovery | =     | 105.06% |          |
| 50) Toluene-d8              | 10.41 | 98   | 1354961  | 54.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.86% |          |
| 62) 4-Bromofluorobenzene    | 13.56 | 95   | 506210   | 53.81 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.62% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.59 | 85   | 165084   | 19.867  | ug/l  | 96     |
| 3) Chloromethane              | 1.76 | 50   | 149939   | 21.744  | ug/l  | 98     |
| 4) Vinyl Chloride             | 1.86 | 62   | 135397   | 21.734  | ug/l  | 99     |
| 5) Bromomethane               | 2.16 | 94   | 18809    | 17.093  | ug/l  | 95     |
| 6) Chloroethane               | 2.27 | 64   | 26888    | 17.914  | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 2.53 | 101  | 150063   | 20.069  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.88 | 74   | 62624    | 18.988  | ug/l  | 89     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.16 | 101  | 207576   | 20.466  | ug/l  | 97     |
| 10) Methyl Iodide             | 3.32 | 142  | 228464   | 18.905  | ug/l  | 97     |
| 11) Tert butyl alcohol        | 4.08 | 59   | 41446    | 89.700  | ug/l  | 97     |
| 12) 1,1-Dichloroethene        | 3.13 | 96   | 168631   | 19.601  | ug/l  | 97     |
| 13) Acrolein                  | 3.04 | 56   | 56294    | 87.979  | ug/l  | 99     |
| 14) Allyl chloride            | 3.63 | 41   | 286739   | 20.434  | ug/l  | 97     |
| 15) Acrylonitrile             | 4.21 | 53   | 169187   | 95.630  | ug/l  | 98     |
| 16) Acetone                   | 3.23 | 43   | 195431   | 94.414  | ug/l  | 100    |
| 17) Carbon Disulfide          | 3.39 | 76   | 568496   | 18.642  | ug/l  | 100    |
| 18) Methyl Acetate            | 3.65 | 43   | 77443    | 18.272  | ug/l  | 94     |
| 19) Methyl tert-butyl Ether   | 4.25 | 73   | 315325   | 20.838  | ug/l  | 97     |
| 20) Methylene Chloride        | 3.82 | 84   | 205662   | 18.657  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 4.23 | 96   | 192509   | 20.555  | ug/l  | 99     |
| 22) Diisopropyl ether         | 5.12 | 45   | 576276   | 19.341  | ug/l  | 93     |
| 23) Vinyl Acetate             | 5.06 | 43   | 1574018  | 100.595 | ug/l  | 98     |
| 24) 1,1-Dichloroethane        | 4.99 | 63   | 311920   | 19.629  | ug/l  | 98     |
| 25) 2-Butanone                | 6.08 | 43   | 242066   | 94.271  | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 6.03 | 77   | 249790   | 21.160  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.05 | 96   | 213401   | 20.096  | ug/l  | 97     |
| 28) Bromochloromethane        | 6.44 | 49   | 114387   | 17.137  | ug/l  | 96     |
| 29) Tetrahydrofuran           | 6.46 | 42   | 127823   | 96.710  | ug/l  | 97     |
| 30) Chloroform                | 6.67 | 83   | 306703   | 19.900  | ug/l  | 100    |
| 31) Cyclohexane               | 6.96 | 56   | 274397   | 20.049  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97   | 269937   | 20.454  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.15 | 75   | 247563   | 21.579  | ug/l  | 100    |
| 37) Ethyl Acetate             | 6.18 | 43   | 118868   | 20.155  | ug/l  | 96     |
| 38) Carbon Tetrachloride      | 7.11 | 117  | 258307   | 20.957  | ug/l  | 96     |

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 Sample : VD0306SBS01  
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0306SBS01

Quant Time: Mar 07 06:02:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D030119S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 02 01:28:28 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.86  | 83   | 264997   | 21.131  | ug/l   | 99       |
| 40) Benzene                    | 7.45  | 78   | 644135   | 22.046  | ug/l   | 99       |
| 41) Methacrylonitrile          | 6.44  | 41   | 73927m   | 20.065  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 7.58  | 62   | 168363   | 20.480  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 9.25  | 43   | 159997   | 19.457  | ug/l # | 93       |
| 44) Trichloroethene            | 8.54  | 130  | 221052   | 22.092  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 8.94  | 63   | 157508   | 20.363  | ug/l   | 98       |
| 46) Dibromomethane             | 9.07  | 93   | 101010   | 20.245  | ug/l   | 94       |
| 47) Bromodichloromethane       | 9.37  | 83   | 238876   | 21.949  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.12  | 41   | 90398    | 19.567  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.09  | 88   | 19797    | 409.332 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 10.30 | 43   | 460887   | 92.059  | ug/l   | 97       |
| 52) Toluene                    | 10.51 | 92   | 368646   | 19.639  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 207674   | 20.736  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.04 | 75   | 255336   | 20.561  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 11.19 | 97   | 134775   | 21.711  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 11.04 | 69   | 129298   | 19.648  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 11.40 | 76   | 193524   | 21.442  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 361026   | 102.721 | ug/l   | 99       |
| 59) 2-Hexanone                 | 11.53 | 43   | 355215   | 101.215 | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.69 | 129  | 183044   | 20.445  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.81 | 107  | 152180   | 20.867  | ug/l   | 99       |
| 64) Tetrachloroethene          | 11.25 | 164  | 168104   | 21.155  | ug/l   | 97       |
| 65) Chlorobenzene              | 12.40 | 112  | 485958   | 21.027  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 179682   | 21.666  | ug/l   | 99       |
| 67) Ethyl Benzene              | 12.52 | 91   | 762631   | 22.663  | ug/l   | 98       |
| 68) m/p-Xylenes                | 12.67 | 106  | 552885   | 41.123  | ug/l   | 98       |
| 69) o-Xylene                   | 13.05 | 106  | 270053   | 21.383  | ug/l   | 99       |
| 70) Styrene                    | 13.08 | 104  | 443879   | 21.066  | ug/l   | 98       |
| 71) Bromoform                  | 13.23 | 173  | 105696   | 20.136  | ug/l   | 97       |
| 73) Isopropylbenzene           | 13.40 | 105  | 740772   | 20.097  | ug/l   | 97       |
| 74) N-amyl acetate             | 13.26 | 43   | 215064   | 19.532  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 138546   | 18.123  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 145493   | 18.822  | ug/l   | 99       |
| 77) Bromobenzene               | 13.67 | 156  | 192875   | 20.019  | ug/l   | 85       |
| 78) n-propylbenzene            | 13.77 | 91   | 929829   | 21.926  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 464380   | 19.174  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 14.24 | 105  | 585371   | 20.941  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 43804    | 19.148  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 522968   | 19.687  | ug/l   | 91       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 604109   | 18.875  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 585371   | 20.941  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 768890   | 20.723  | ug/l   | 94       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 644620   | 21.330  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 333256   | 20.360  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 309182   | 19.021  | ug/l   | 94       |
| 89) n-Butylbenzene             | 14.80 | 91   | 598255   | 19.981  | ug/l   | 98       |
| 90) Hexachloroethane           | 15.01 | 117  | 173986   | 19.963  | ug/l   | 75       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 289598   | 20.420  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 17325    | 19.368  | ug/l   | 66       |

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Operator : VA/AP  
Sample : VD0306SBS01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

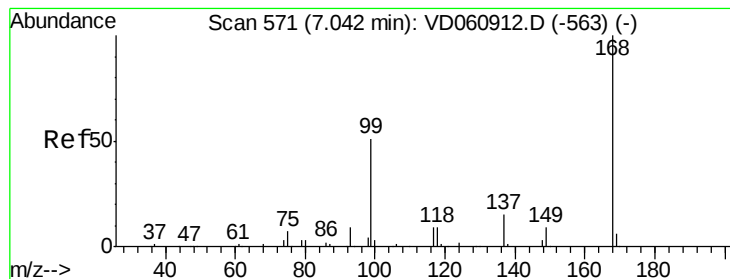
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

Quant Time: Mar 07 06:02:54 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D030119S.M  
Quant Title : SW846 8260  
QLast Update : Sat Mar 02 01:28:28 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 152069   | 18.467 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 103802   | 19.639 | ug/l  | 99       |
| 95) Naphthalene            | 16.13 | 128  | 227540   | 17.744 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.28 | 180  | 79101    | 17.105 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

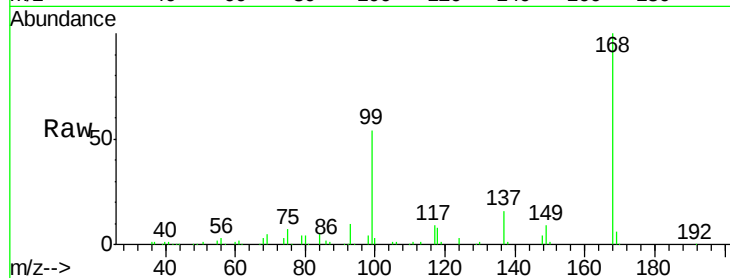
VD0306SBS01

Tot Ion:168 Resp: 749916

Ion Ratio Lower Upper

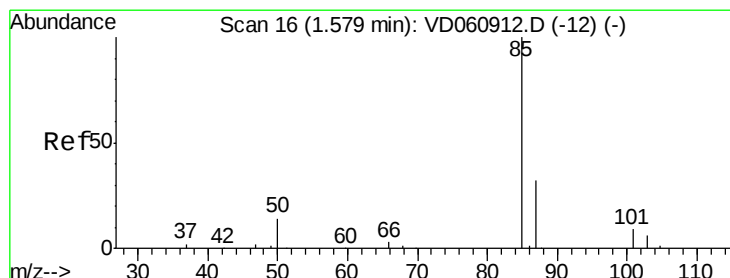
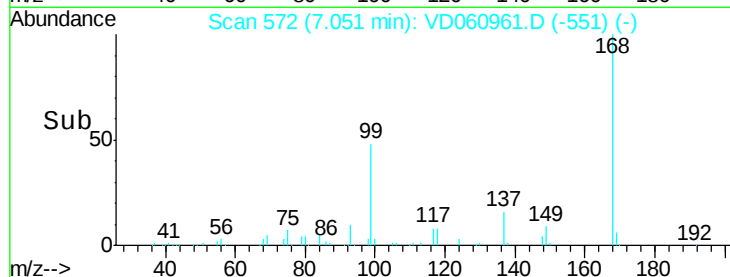
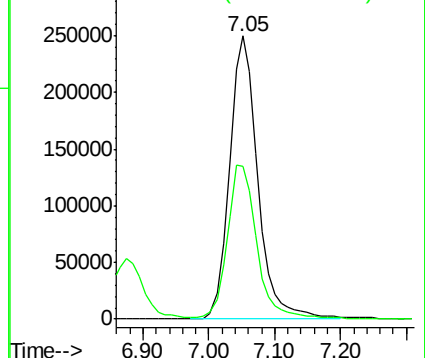
168 100

99 54.0 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 19.867 ug/l

RT: 1.59 min Scan# 17

Delta R.T. 0.01 min

Lab File: VD060961.D

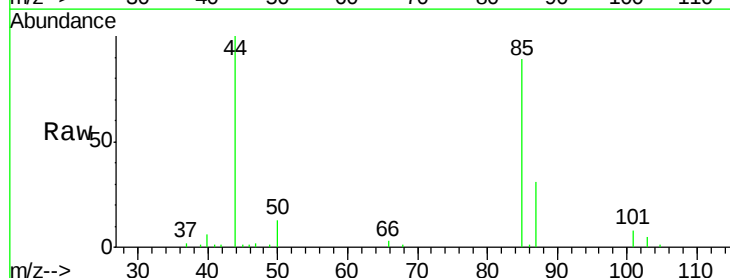
Acq: 6 Mar 2019 13:19

Tgt Ion: 85 Resp: 165084

Ion Ratio Lower Upper

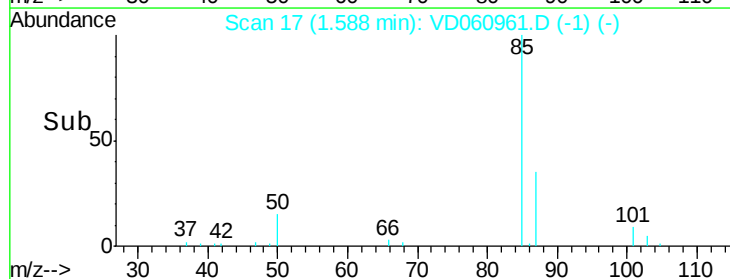
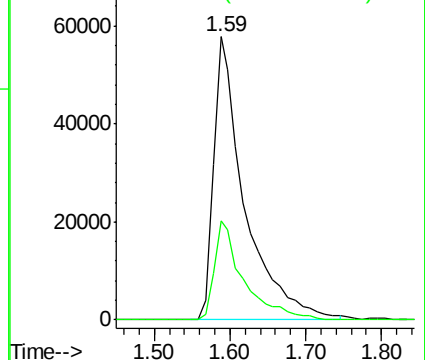
85 100

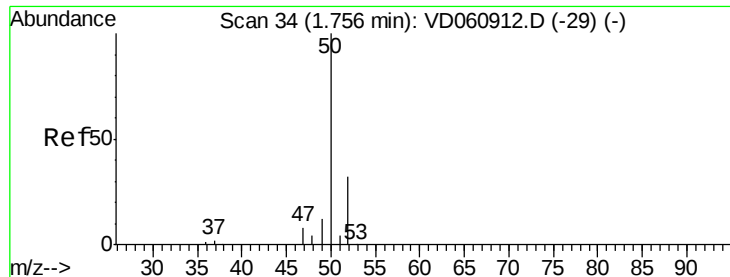
87 35.0 16.3 48.8



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.744 ug/l

RT: 1.76 min Scan# 35

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

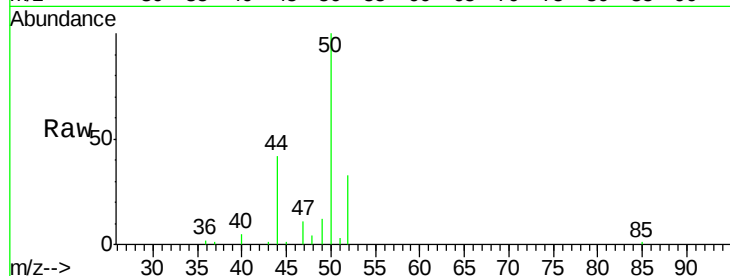
VD0306SBS01

Tot Ion: 50 Resp: 149939

Ion Ratio Lower Upper

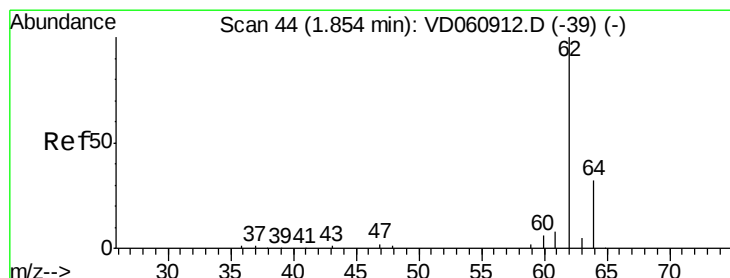
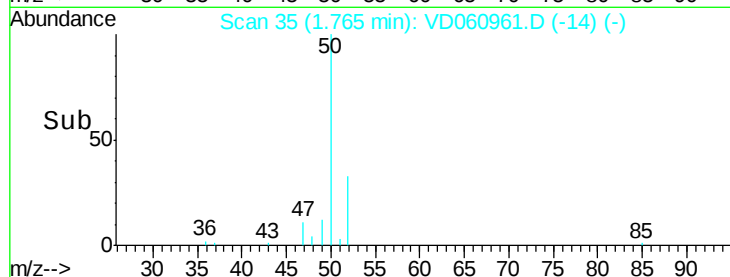
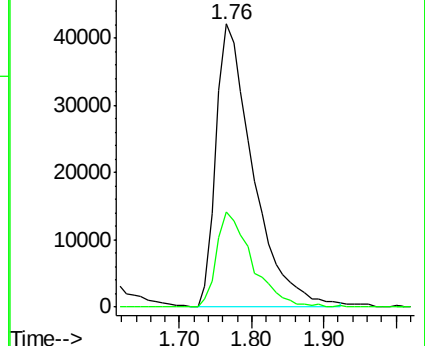
50 100

52 33.4 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.734 ug/l

RT: 1.86 min Scan# 45

Delta R.T. 0.01 min

Lab File: VD060961.D

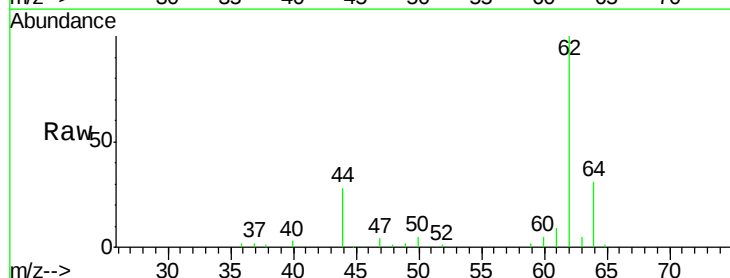
Acq: 6 Mar 2019 13:19

Tgt Ion: 62 Resp: 135397

Ion Ratio Lower Upper

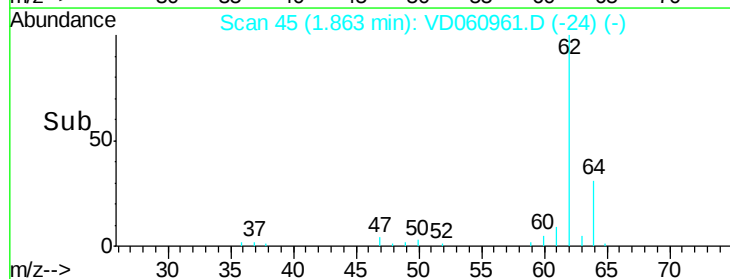
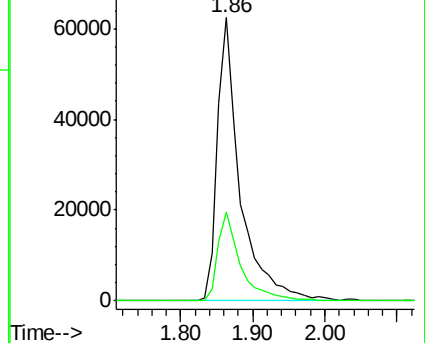
62 100

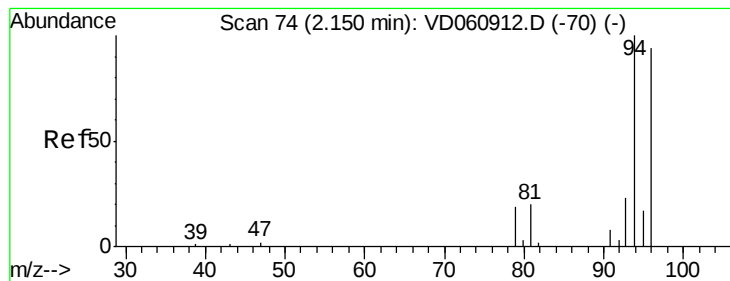
64 31.5 25.4 38.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 17.093 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

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ClientSampleId :

VD0306SBS01

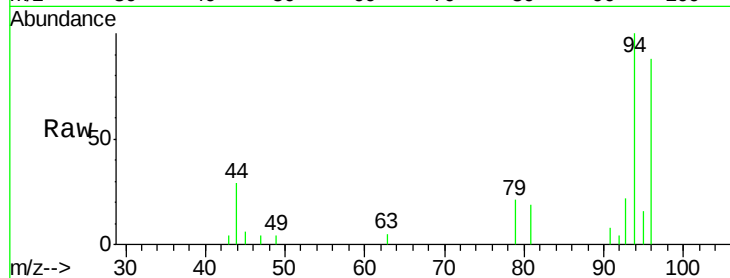
Tot Ion: 94 Resp: 18809

Ion Ratio Lower Upper

94 100

96 88.4 75.1 112.7

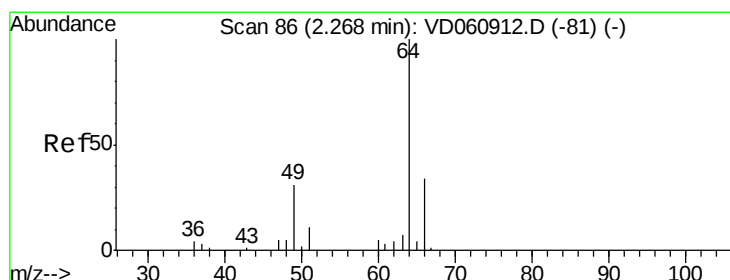
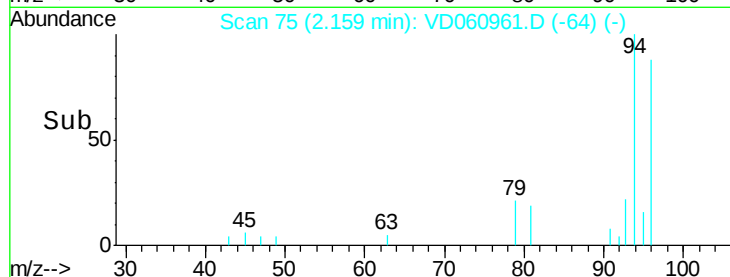
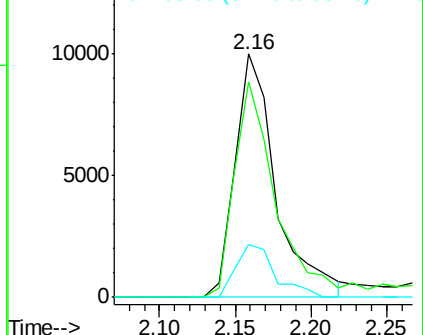
93 21.8 18.6 28.0



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 17.914 ug/l

RT: 2.27 min Scan# 86

Delta R.T. -0.00 min

Lab File: VD060961.D

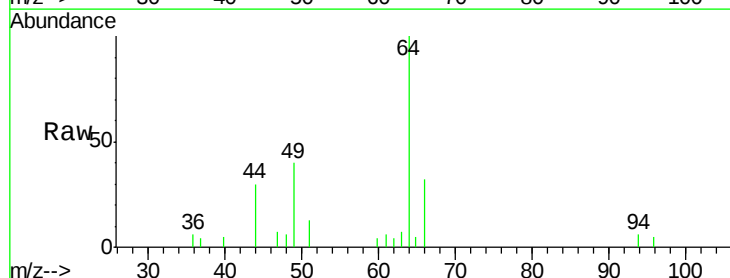
Acq: 6 Mar 2019 13:19

Tgt Ion: 64 Resp: 26888

Ion Ratio Lower Upper

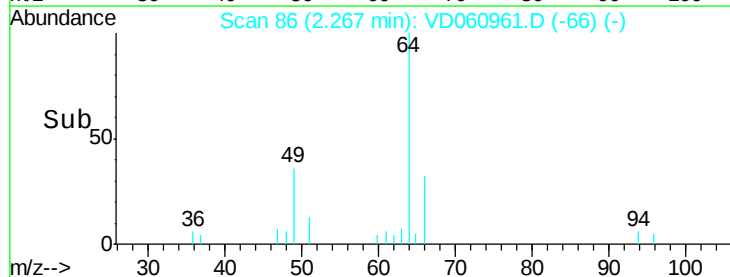
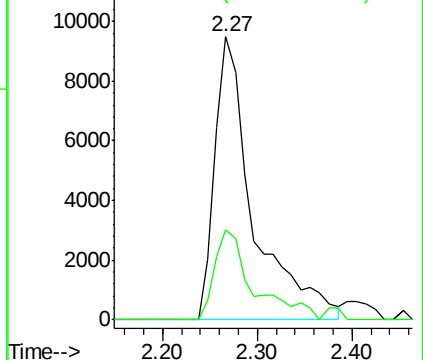
64 100

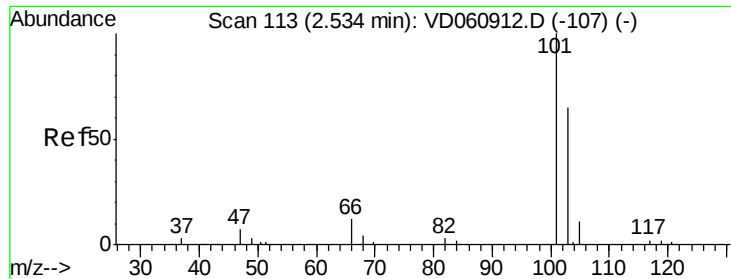
66 31.9 27.0 40.6



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



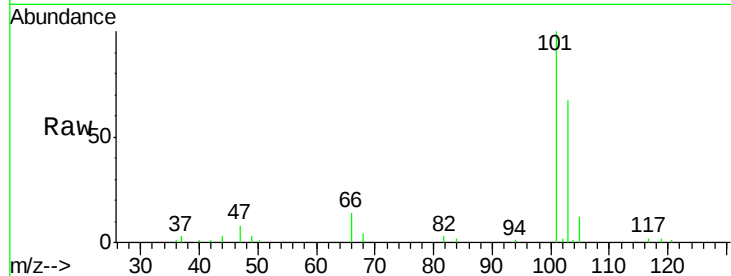


#7

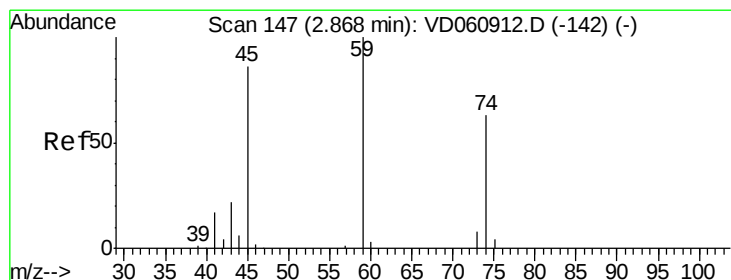
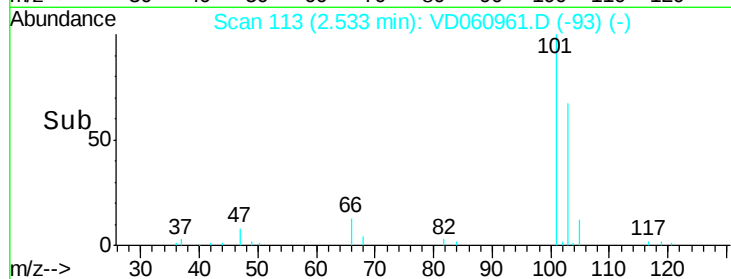
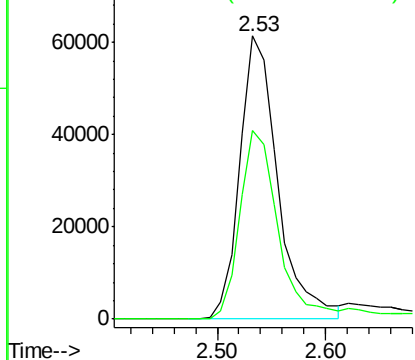
Trichlorofluoromethane  
Concen: 20.069 ug/l  
RT: 2.53 min Scan# 113  
Delta R.T. -0.00 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

Tot Ion:101 Resp: 150063  
Ion Ratio Lower Upper  
101 100  
103 66.6 52.4 78.6



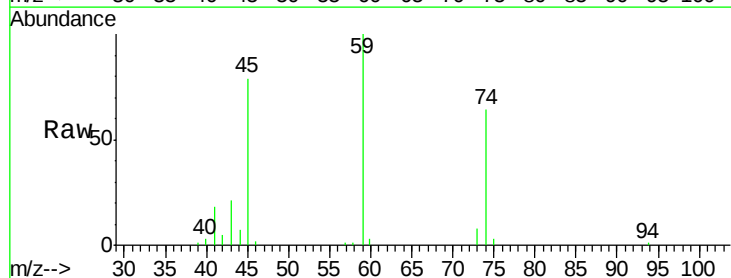
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



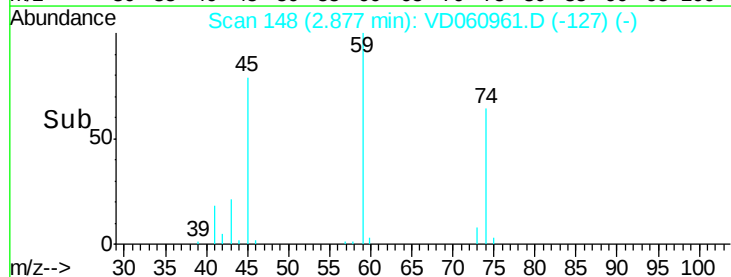
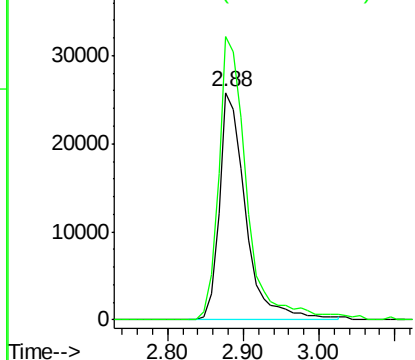
#8

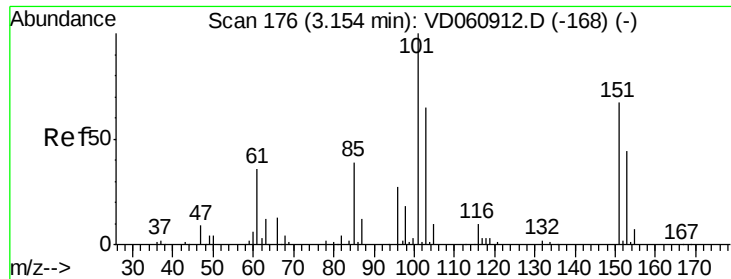
Diethyl Ether  
Concen: 18.988 ug/l  
RT: 2.88 min Scan# 148  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion: 74 Resp: 62624  
Ion Ratio Lower Upper  
74 100  
45 124.3 68.8 206.4



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: 20.466 ug/l

RT: 3.16 min Scan# 177

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0306SBS01

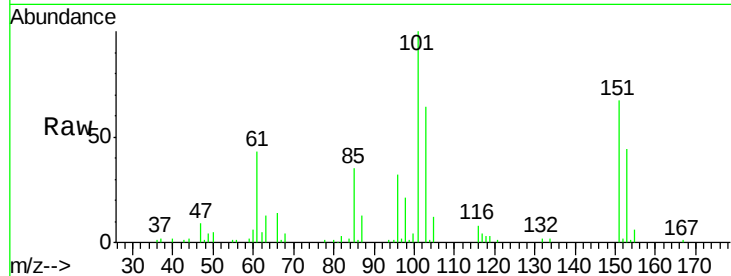
Tot Ion:101 Resp: 207576

Ion Ratio Lower Upper

101 100

85 35.2 31.0 46.6

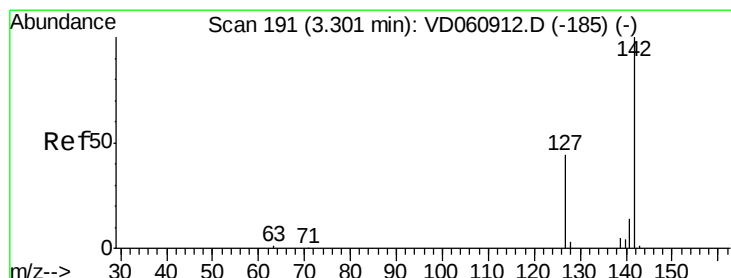
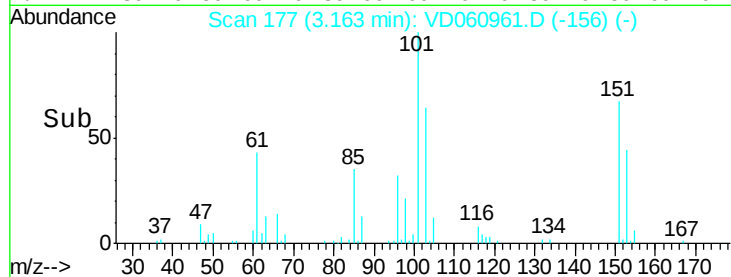
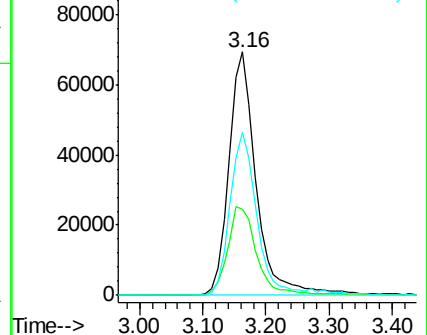
151 66.7 53.8 80.6



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: 18.905 ug/l

RT: 3.32 min Scan# 193

Delta R.T. 0.02 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

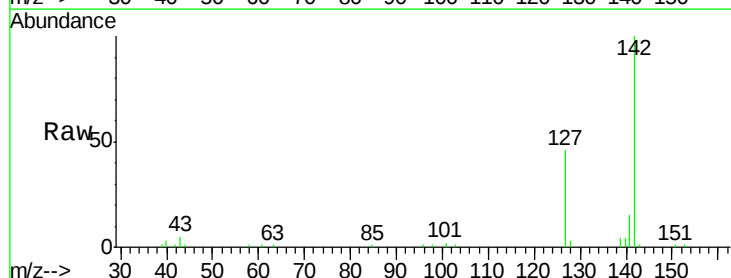
Tgt Ion:142 Resp: 228464

Ion Ratio Lower Upper

142 100

127 45.6 35.0 52.6

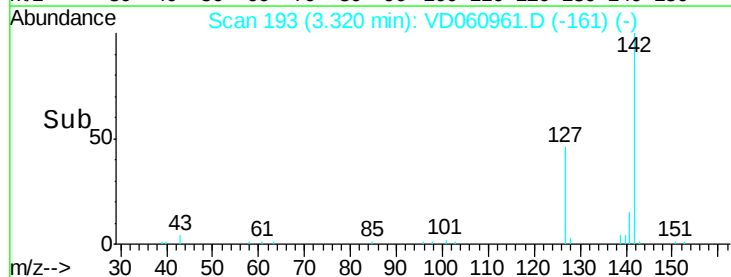
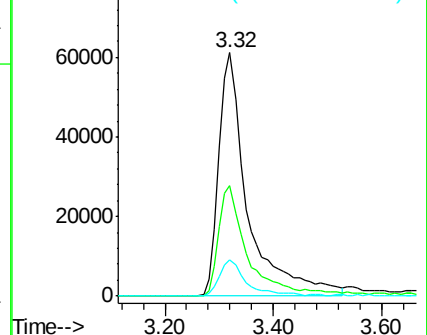
141 15.1 11.0 16.4

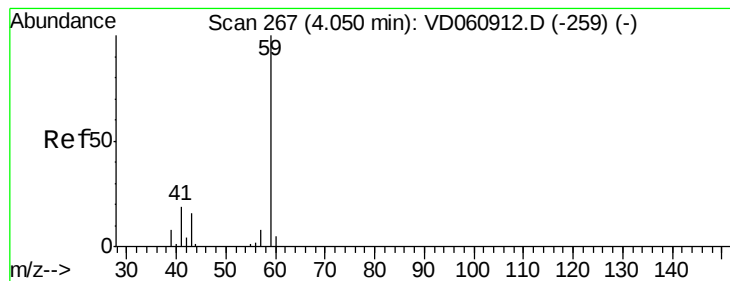


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



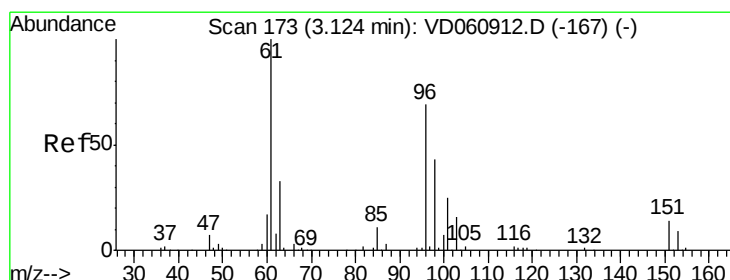
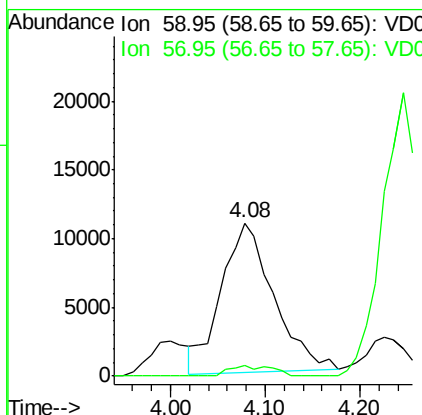
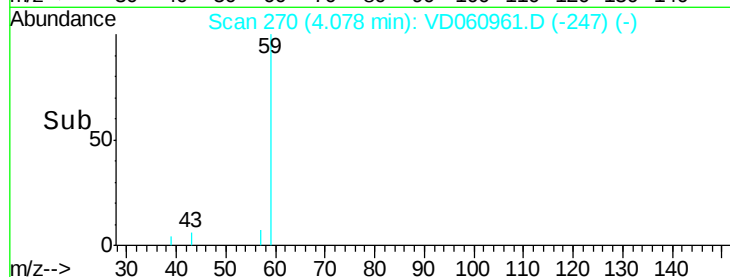
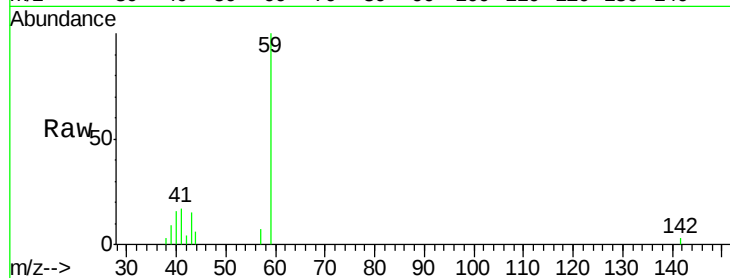


#11

Tert butyl alcohol  
Concen: 89.700 ug/l  
RT: 4.08 min Scan# 270  
Delta R.T. 0.03 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

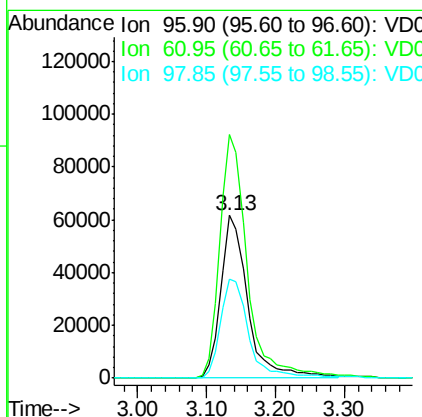
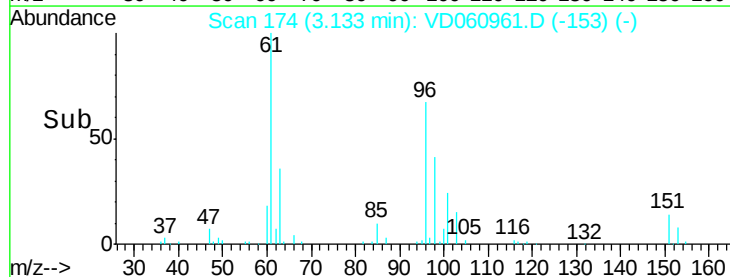
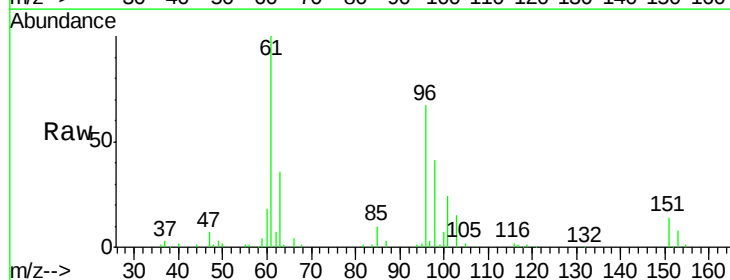
Tot Ion: 59 Resp: 41446  
Ion Ratio Lower Upper  
59 100  
57 7.1 6.5 9.7

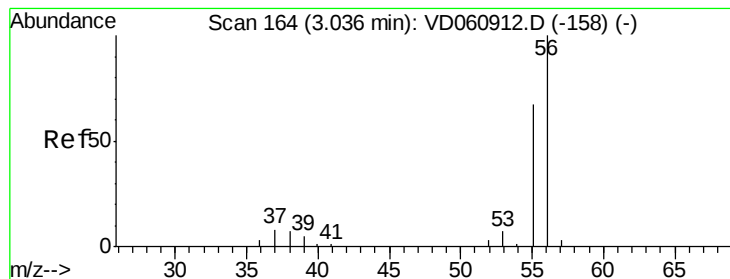


#12

1,1-Dichloroethene  
Concen: 19.601 ug/l  
RT: 3.13 min Scan# 174  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion: 96 Resp: 168631  
Ion Ratio Lower Upper  
96 100  
61 149.5 116.4 174.6  
98 60.6 50.5 75.7





#13

Acrolein

Concen: 87.979 ug/l

RT: 3.04 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

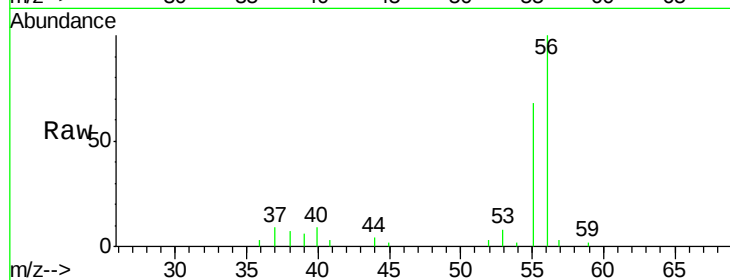
VD0306SBS01

Tot Ion: 56 Resp: 56294

Ion Ratio Lower Upper

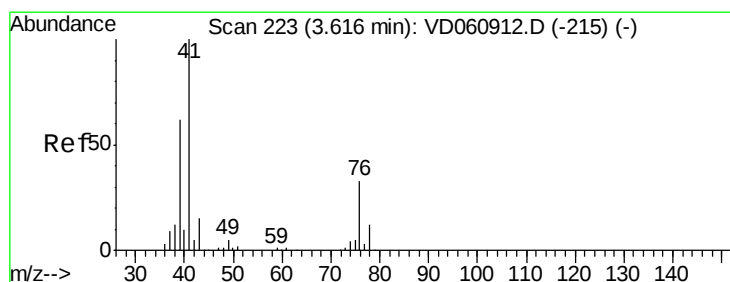
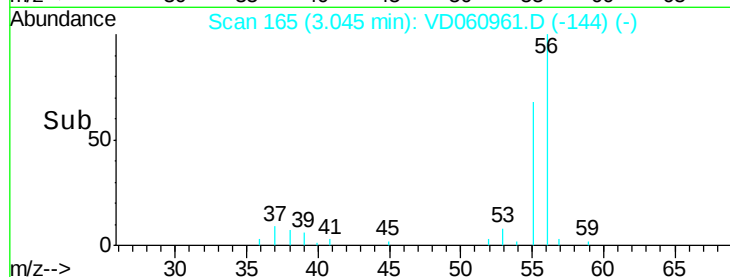
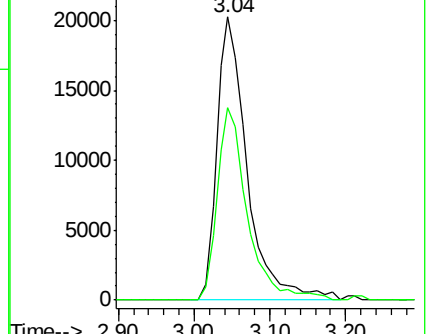
56 100

55 68.0 53.5 80.3



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.434 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

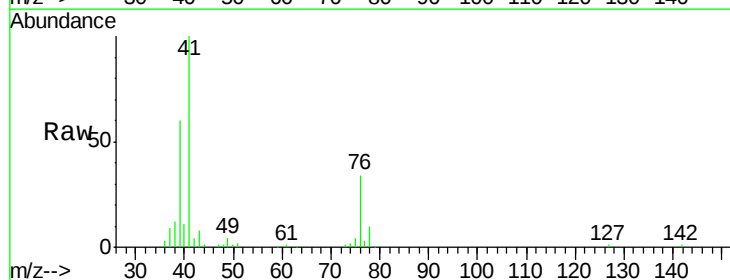
Tgt Ion: 41 Resp: 286739

Ion Ratio Lower Upper

41 100

39 60.4 49.9 74.9

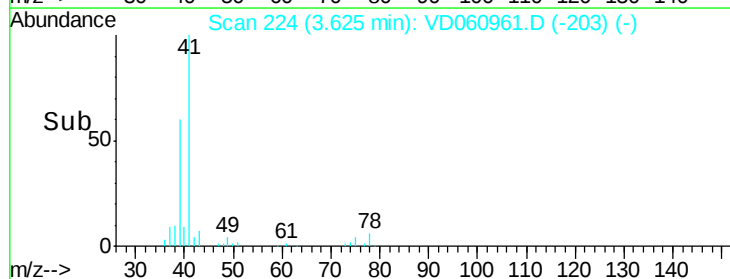
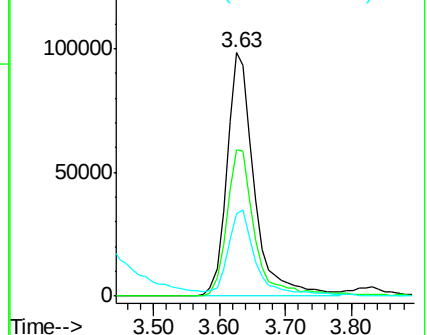
76 33.7 28.6 42.8

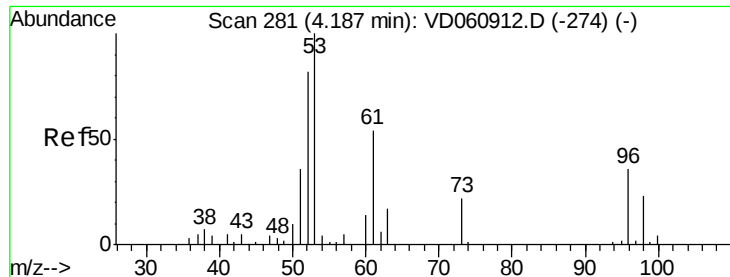


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 95.630 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.02 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0306SBS01

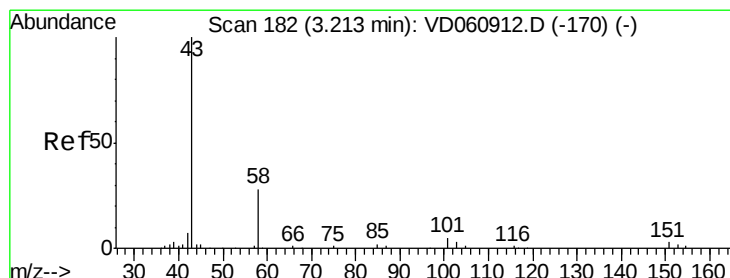
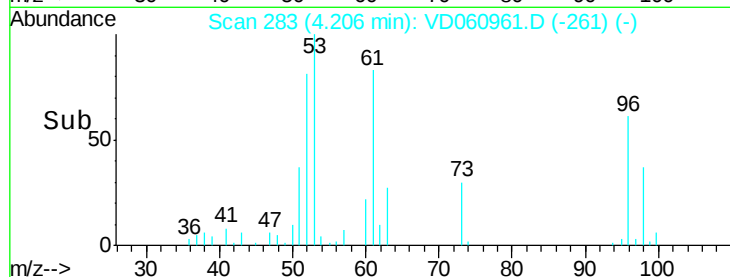
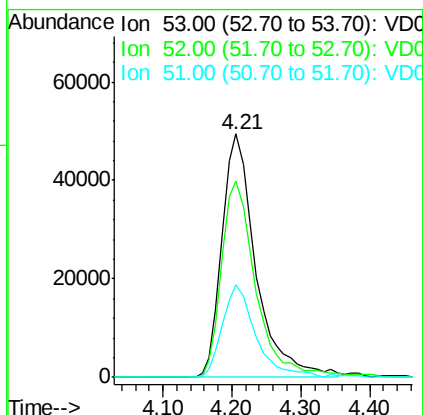
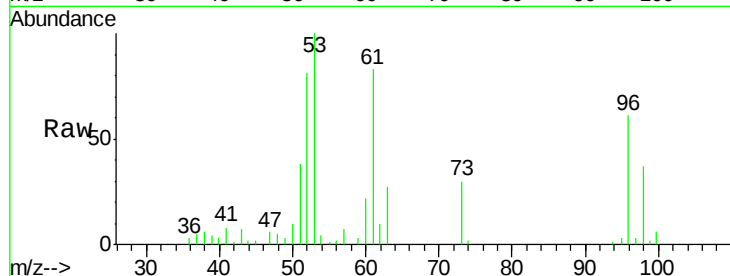
Tot Ion: 53 Resp: 169187

Ion Ratio Lower Upper

53 100

52 80.8 65.8 98.6

51 37.9 28.9 43.3



#16

Acetone

Concen: 94.414 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD060961.D

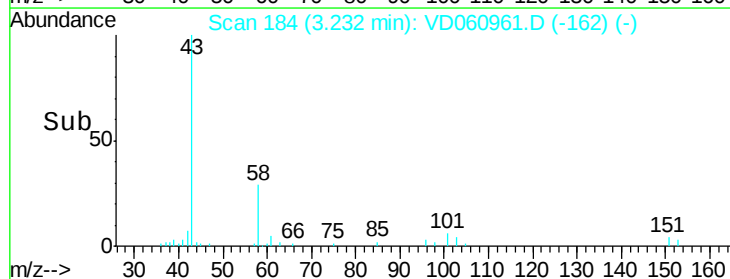
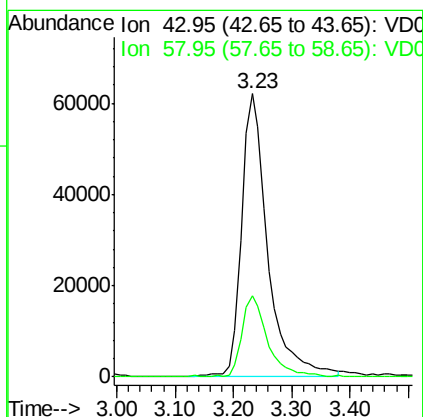
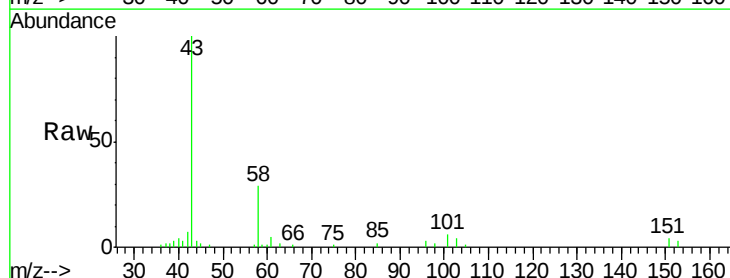
Acq: 6 Mar 2019 13:19

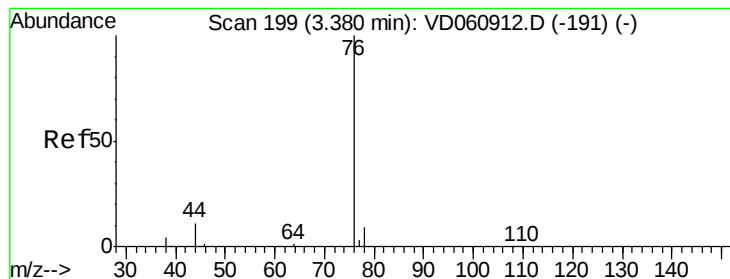
Tgt Ion: 43 Resp: 195431

Ion Ratio Lower Upper

43 100

58 28.6 22.8 34.2





#17

Carbon Disulfide

Concen: 18.642 ug/l

RT: 3.39 min Scan# 200

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

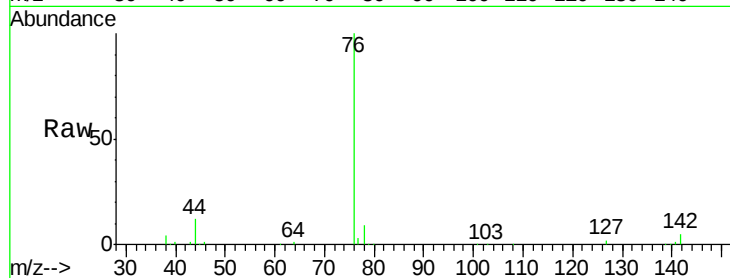
VD0306SBS01

Tot Ion: 76 Resp: 568496

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.39

200000

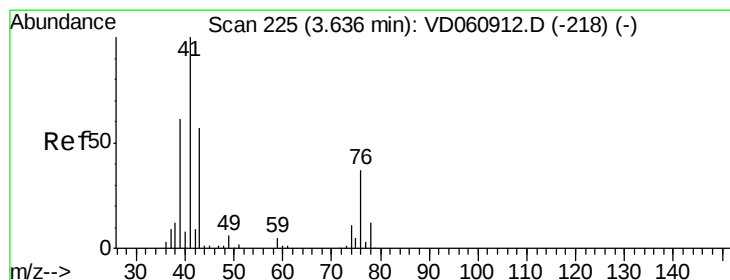
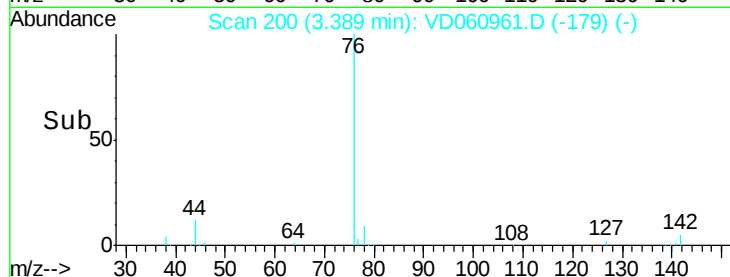
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.272 ug/l

RT: 3.65 min Scan# 227

Delta R.T. 0.02 min

Lab File: VD060961.D

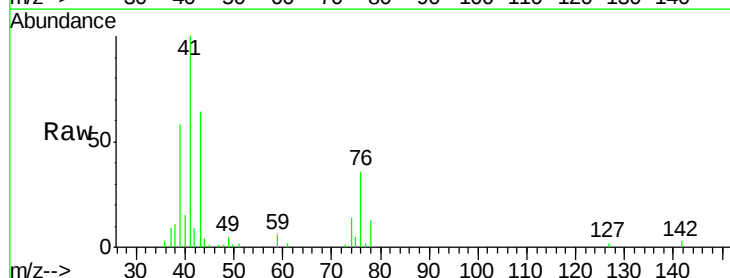
Acq: 6 Mar 2019 13:19

Tgt Ion: 43 Resp: 77443

Ion Ratio Lower Upper

43 100

74 22.6 16.1 24.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.65

25000

20000

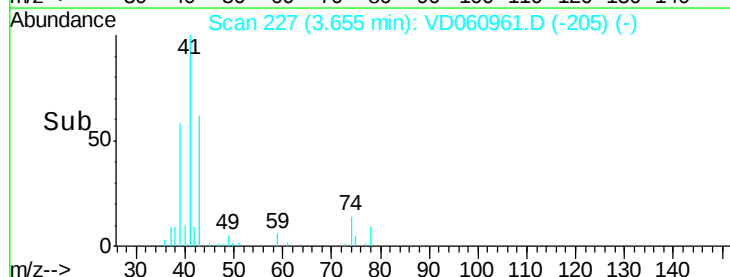
15000

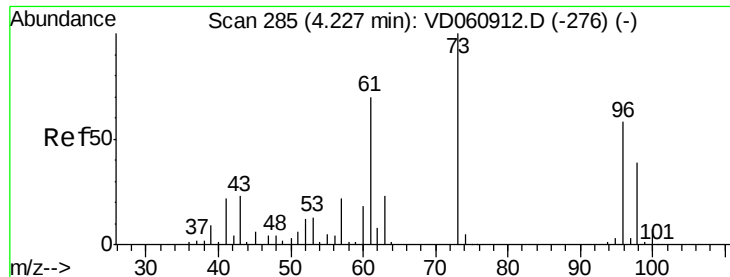
10000

5000

0

Time-->

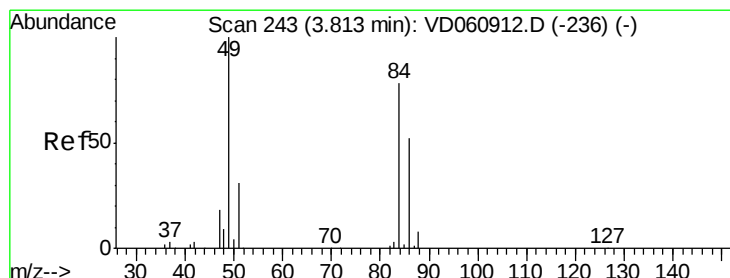
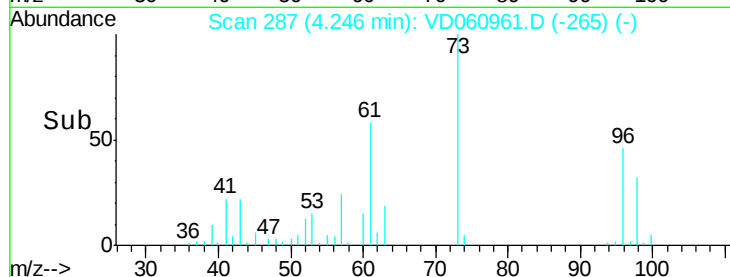
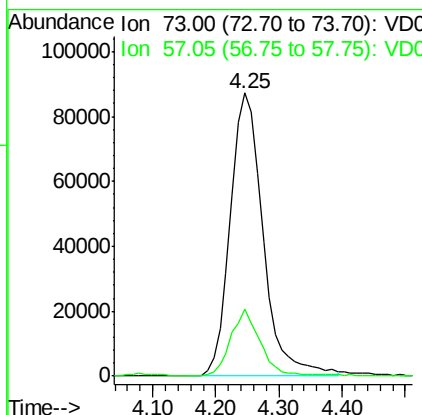
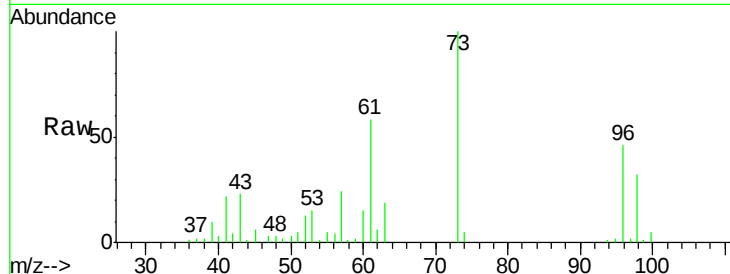




#19  
Methvl tert-butvl Ether  
Concen: 20.838 ug/l  
RT: 4.25 min Scan# 287  
Delta R.T. 0.02 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

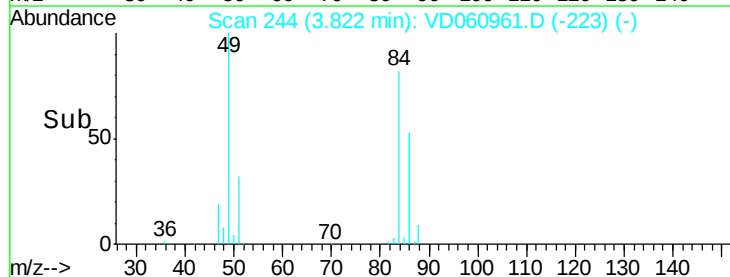
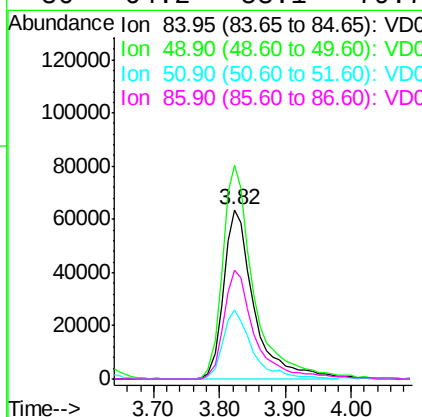
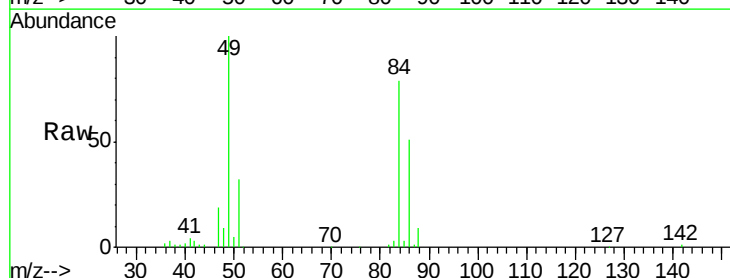
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

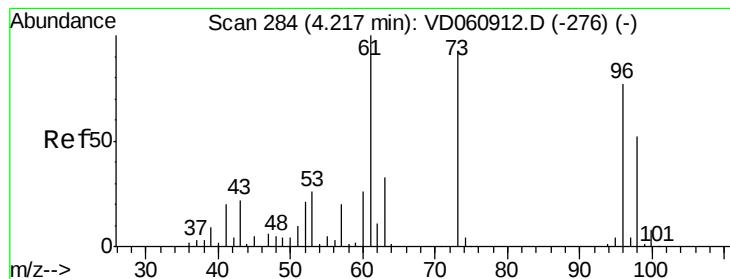
Tot Ion: 73 Resp: 315325  
Ion Ratio Lower Upper  
73 100  
57 23.6 17.8 26.6



#20  
Methylene Chloride  
Concen: 18.657 ug/l  
RT: 3.82 min Scan# 244  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion: 84 Resp: 205662  
Ion Ratio Lower Upper  
84 100  
49 126.2 102.4 153.6  
51 40.6 31.9 47.9  
86 64.2 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 20.555 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0306SBS01

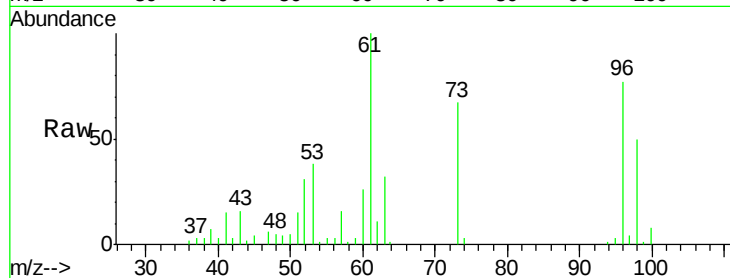
Tot Ion: 96 Resp: 192509

Ion Ratio Lower Upper

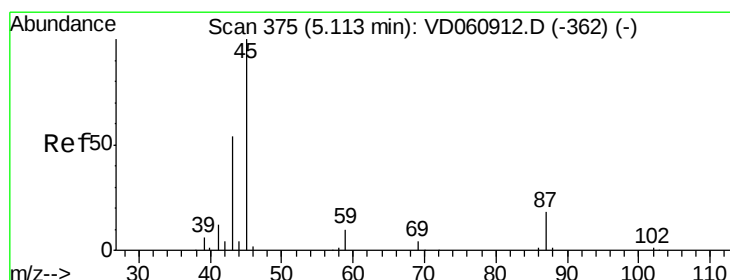
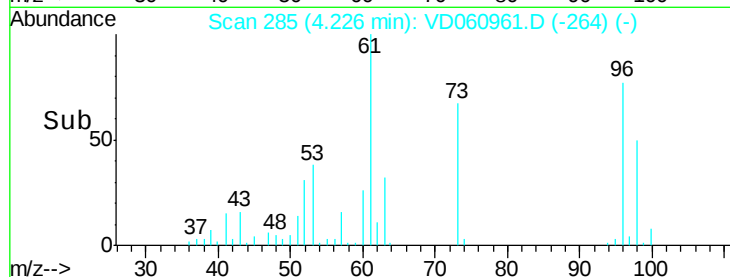
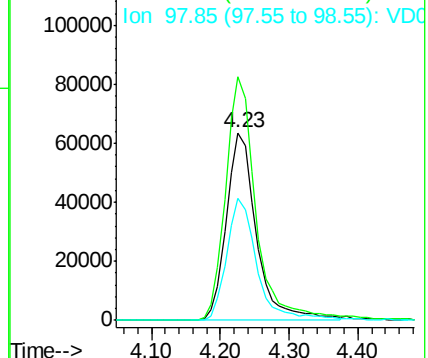
96 100

61 129.8 103.4 155.2

98 64.9 53.6 80.4



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: 19.341 ug/l

RT: 5.12 min Scan# 376

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Tgt Ion: 45 Resp: 576276

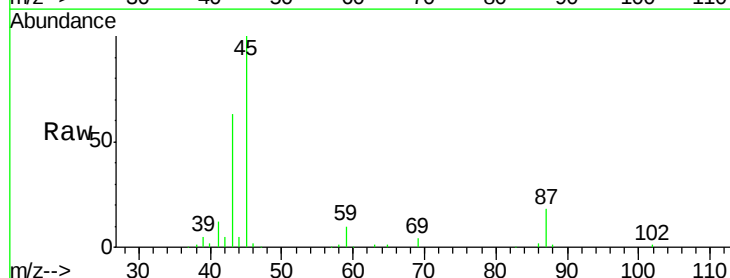
Ion Ratio Lower Upper

45 100

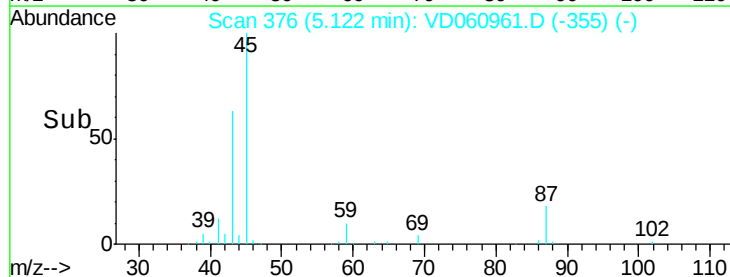
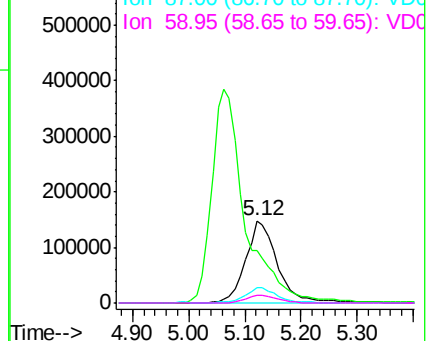
43 63.2 44.4 66.6

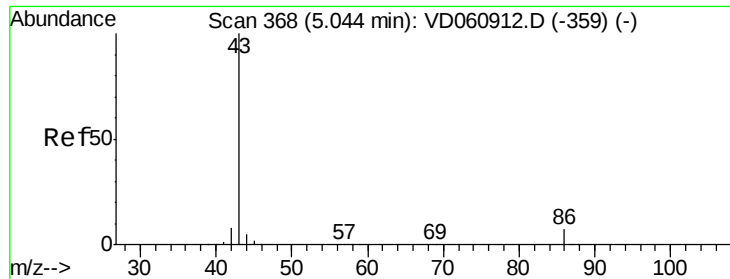
87 18.4 14.7 22.1

59 9.8 7.9 11.9



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: 100.595 ug/l

RT: 5.06 min Scan# 370

Delta R.T. 0.02 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

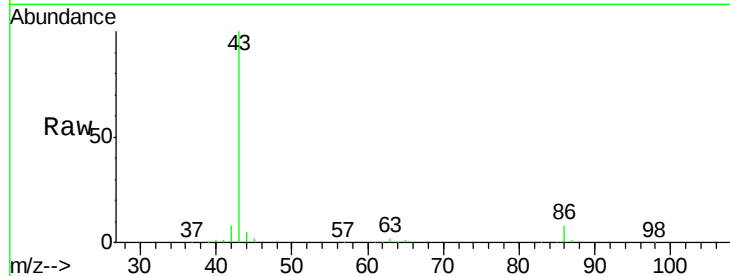
VD0306SBS01

Tot Ion: 43 Resp: 1574018

Ion Ratio Lower Upper

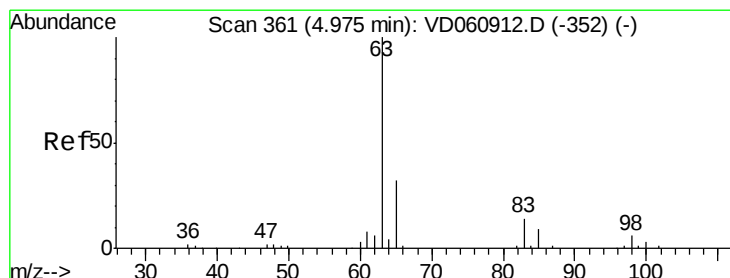
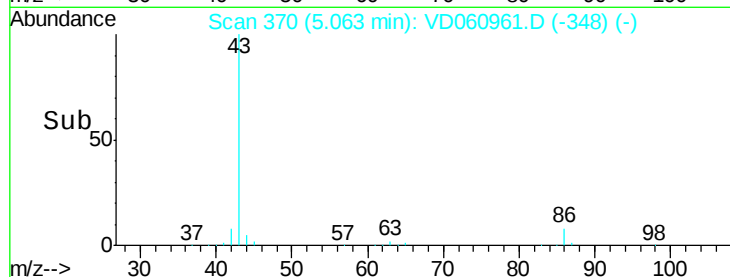
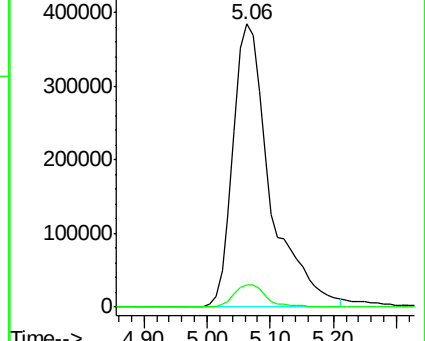
43 100

86 8.1 5.8 8.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.629 ug/l

RT: 4.99 min Scan# 363

Delta R.T. 0.02 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

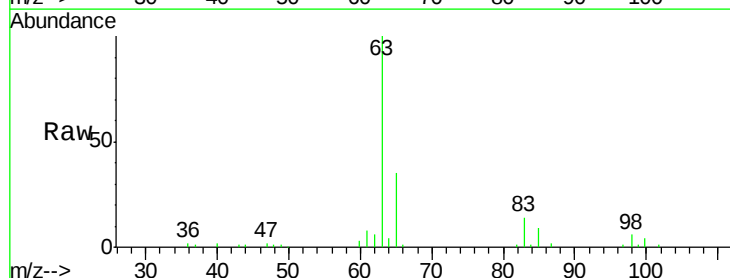
Tgt Ion: 63 Resp: 311920

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

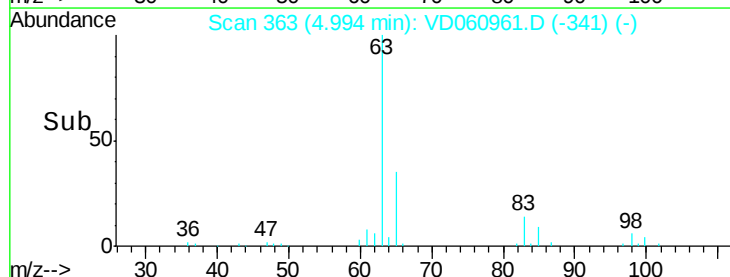
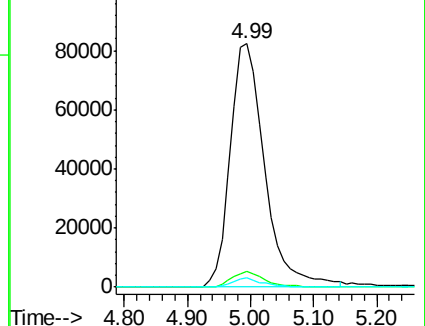
100 4.1 1.7 5.1

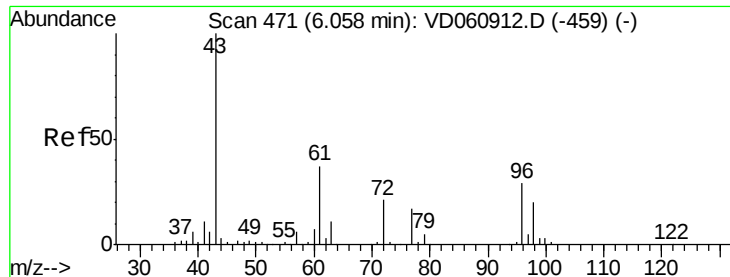


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 94.271 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.02 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

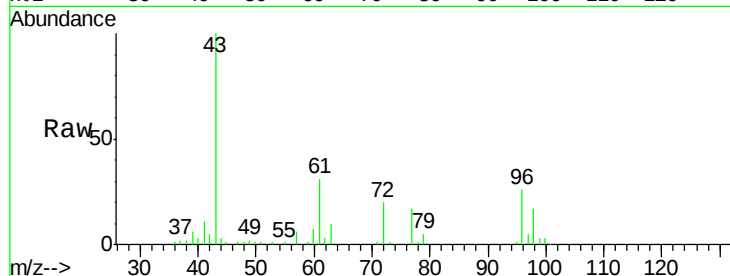
VD0306SBS01

Tot Ion: 43 Resp: 242066

Ion Ratio Lower Upper

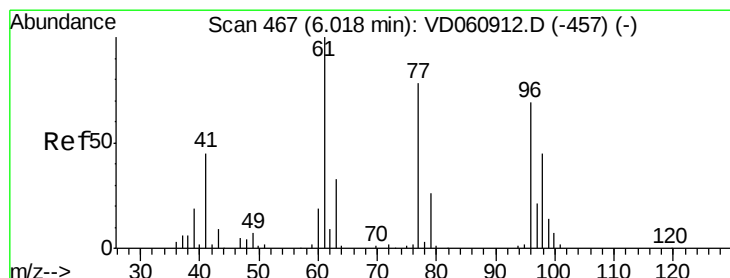
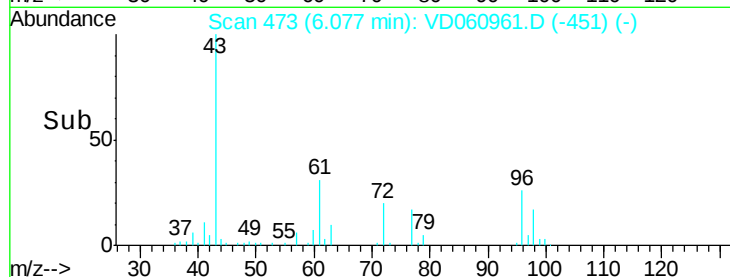
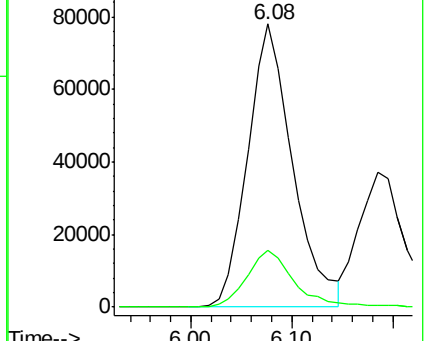
43 100

72 20.1 17.0 25.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.160 ug/l

RT: 6.03 min Scan# 468

Delta R.T. 0.01 min

Lab File: VD060961.D

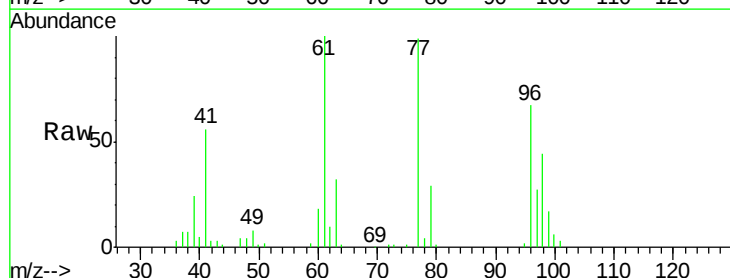
Acq: 6 Mar 2019 13:19

Tgt Ion: 77 Resp: 249790

Ion Ratio Lower Upper

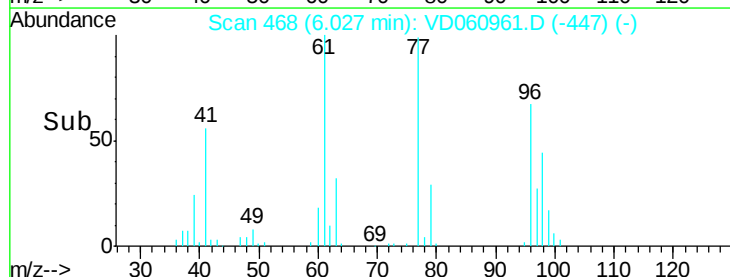
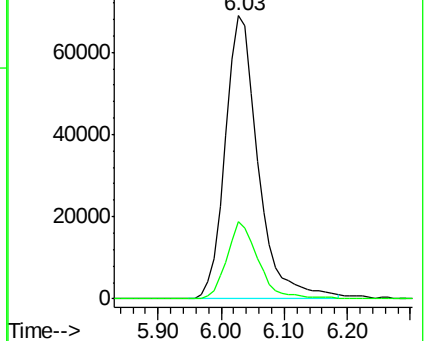
77 100

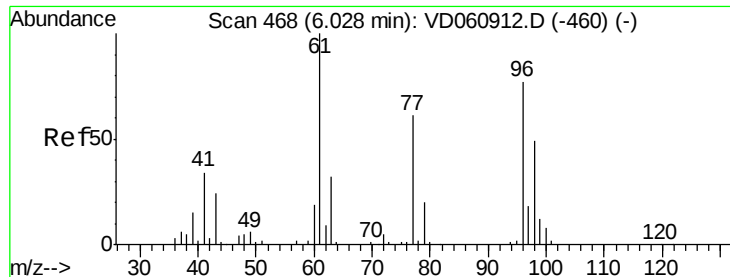
97 27.4 13.5 40.4



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



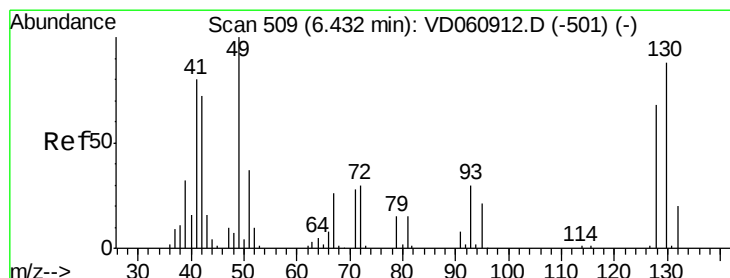
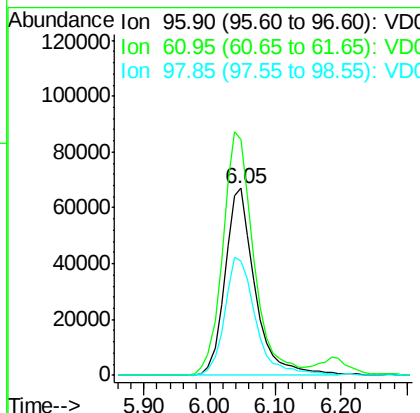
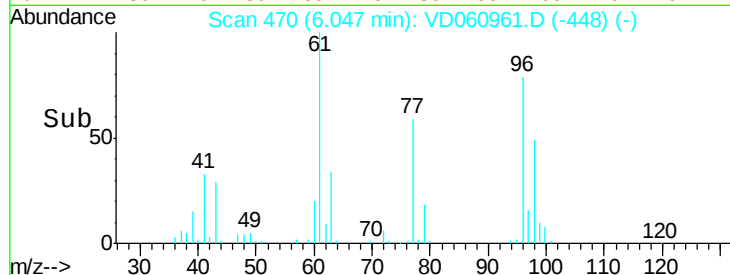
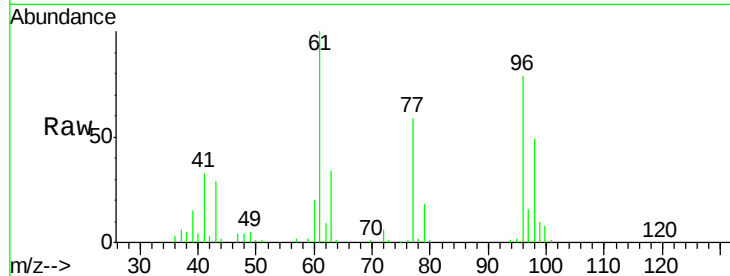


#27

cis-1,2-Dichloroethene  
Concen: 20.096 ug/l  
RT: 6.05 min Scan# 470  
Delta R.T. 0.02 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

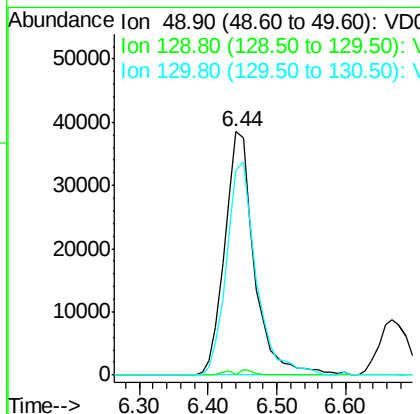
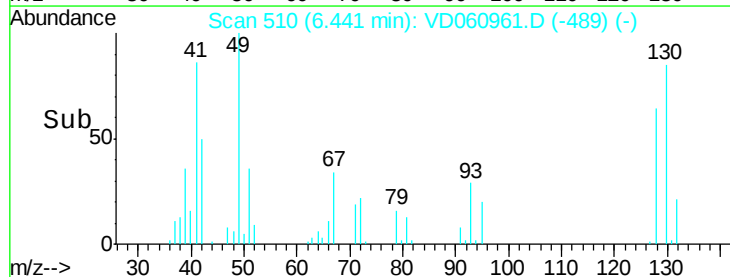
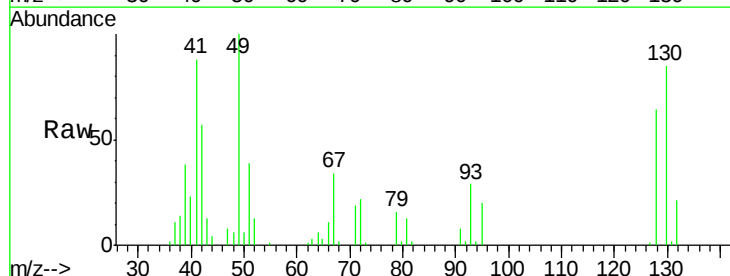
Tot Ion: 96 Resp: 213401  
Ion Ratio Lower Upper  
96 100  
61 126.0 0.0 258.8  
98 61.4 0.0 126.4

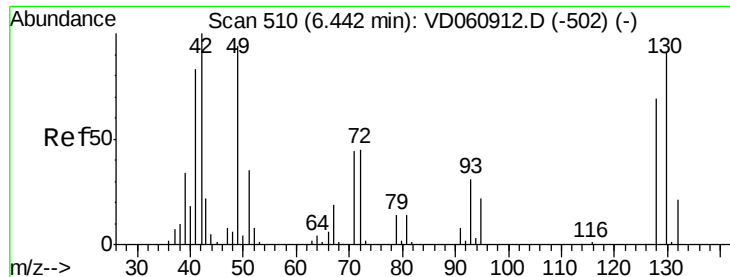


#28

Bromochloromethane  
Concen: 17.137 ug/l  
RT: 6.44 min Scan# 510  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion: 49 Resp: 114387  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 0.0  
130 84.5 70.4 105.6





#29

Tetrahydrofuran

Concen: 96.710 ug/l

RT: 6.46 min Scan# 512

Delta R.T. 0.02 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0306SBS01

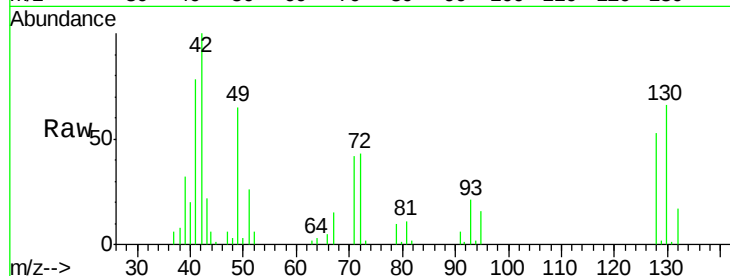
Tot Ion: 42 Resp: 127823

Ion Ratio Lower Upper

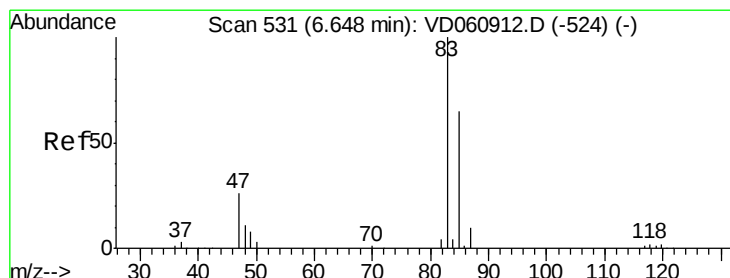
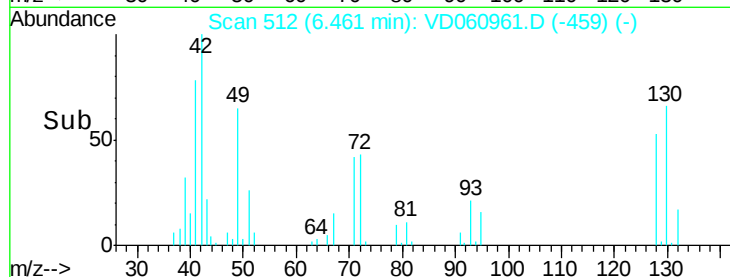
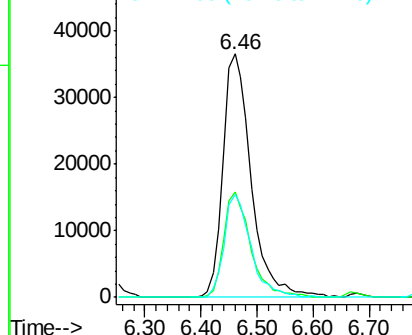
42 100

72 41.2 33.8 50.6

71 39.6 33.5 50.3



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



#30

Chloroform

Concen: 19.900 ug/l

RT: 6.67 min Scan# 533

Delta R.T. 0.02 min

Lab File: VD060961.D

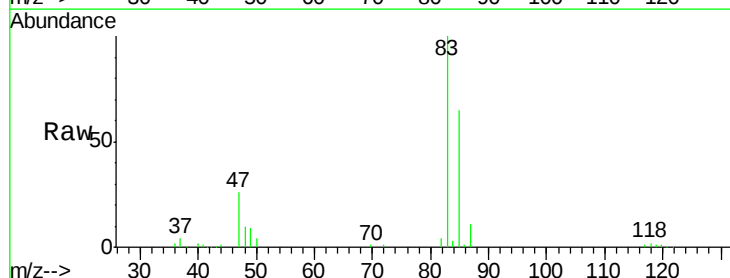
Acq: 6 Mar 2019 13:19

Tgt Ion: 83 Resp: 306703

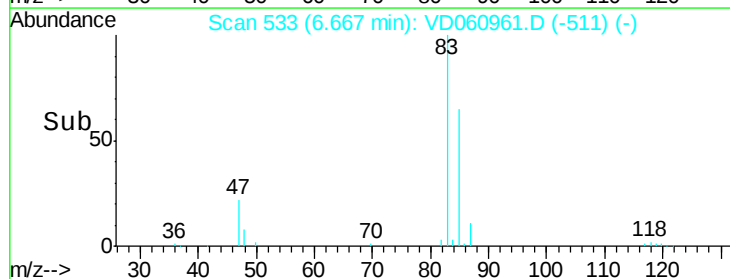
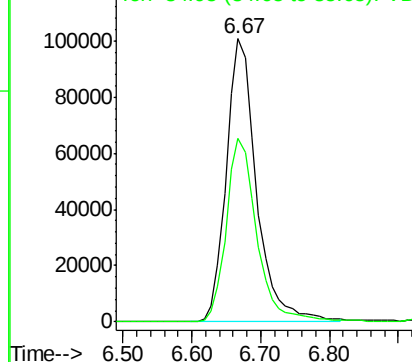
Ion Ratio Lower Upper

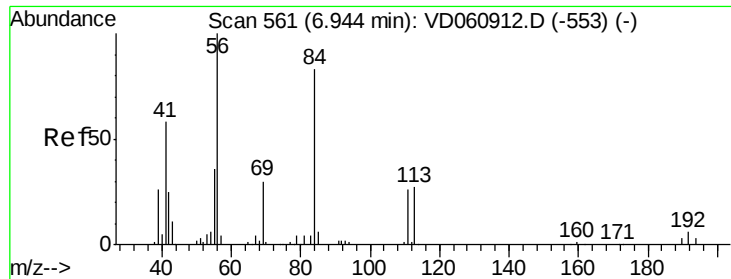
83 100

85 65.0 51.7 77.5



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

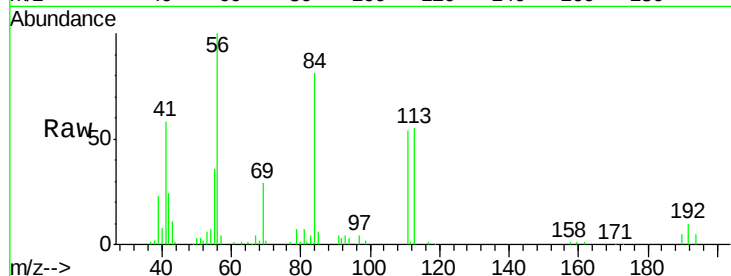




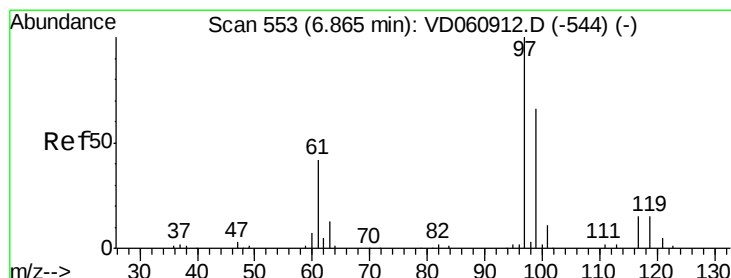
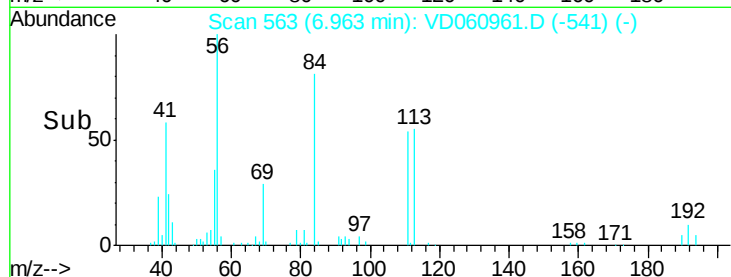
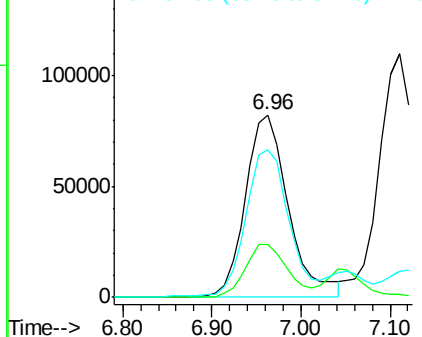
#31  
Cyclohexane  
Concen: 20.049 ug/l  
RT: 6.96 min Scan# 563  
Delta R.T. 0.02 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

Tot Ion: 56 Resp: 274397  
Ion Ratio Lower Upper  
56 100  
69 29.0 23.6 35.4  
84 81.4 66.5 99.7

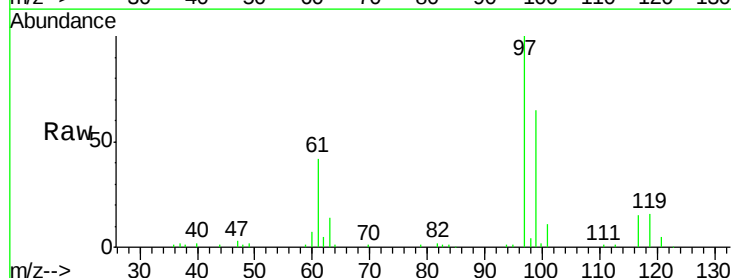


Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC

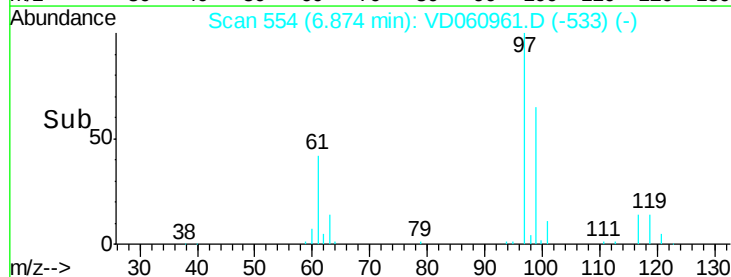
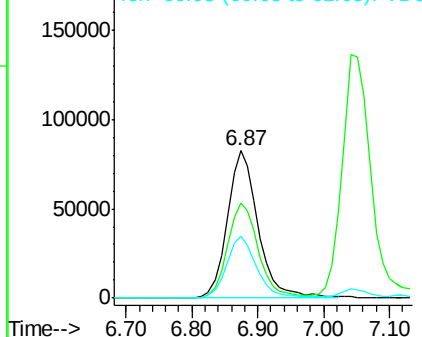


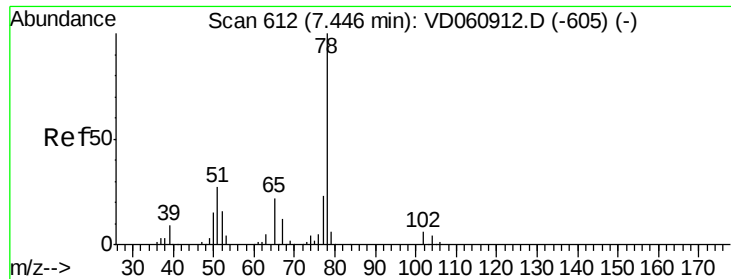
#32  
1,1,1-Trichloroethane  
Concen: 20.454 ug/l  
RT: 6.87 min Scan# 554  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion: 97 Resp: 269937  
Ion Ratio Lower Upper  
97 100  
99 65.0 52.8 79.2  
61 42.3 33.3 49.9



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: 20.454 ug/l

RT: 7.45 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

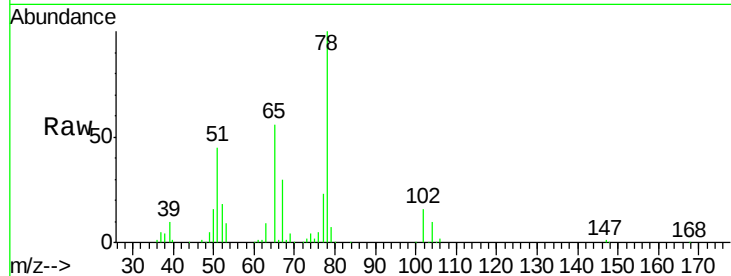
VD0306SBS01

Tot Ion: 65 Resp: 339578

Ion Ratio Lower Upper

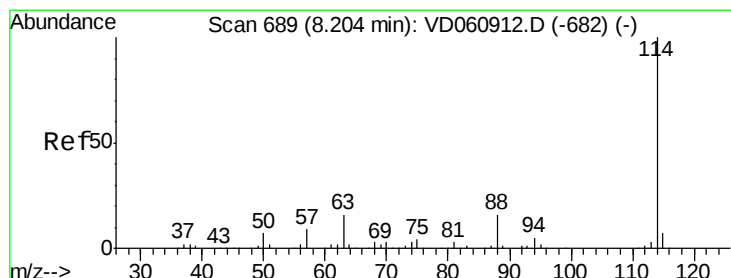
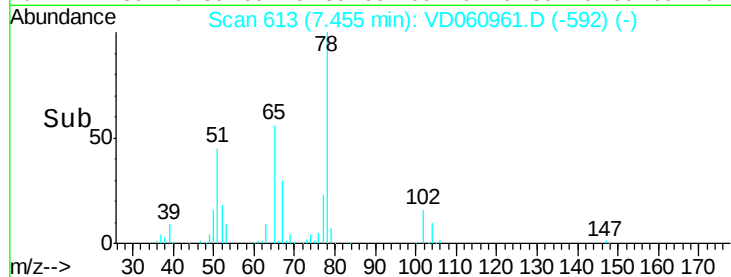
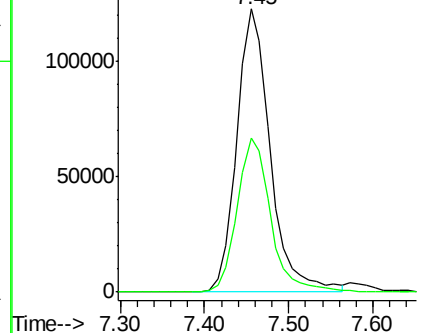
65 100

67 54.4 0.0 109.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

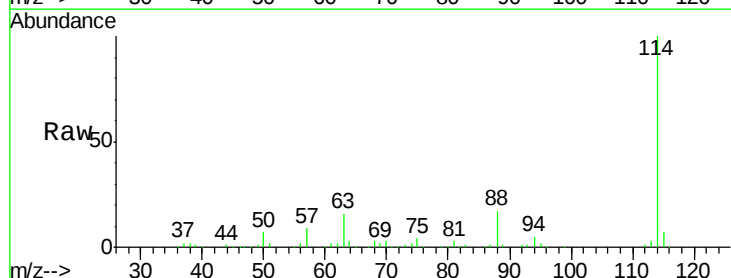
Tgt Ion: 114 Resp: 1247803

Ion Ratio Lower Upper

114 100

63 16.0 0.0 32.0

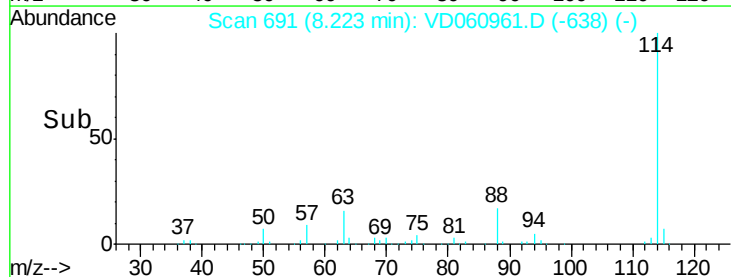
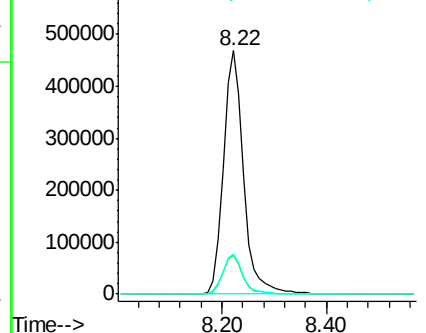
88 16.5 0.0 32.8

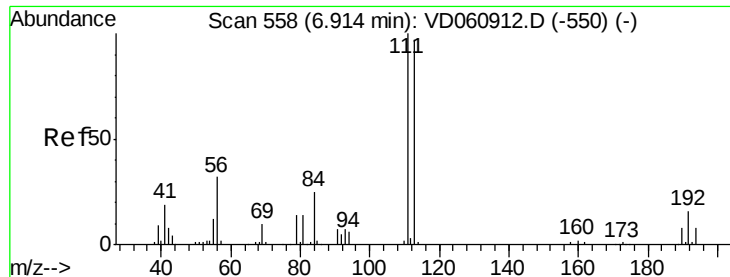


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.02 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0306SBS01

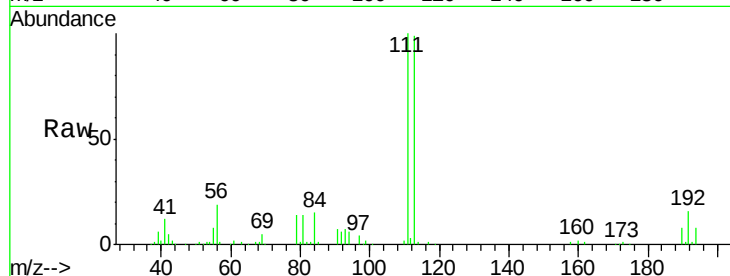
Tot Ion:113 Resp: 525472

Ion Ratio Lower Upper

113 100

111 100.8 82.6 124.0

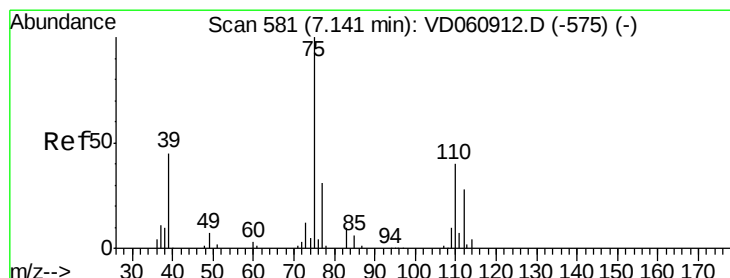
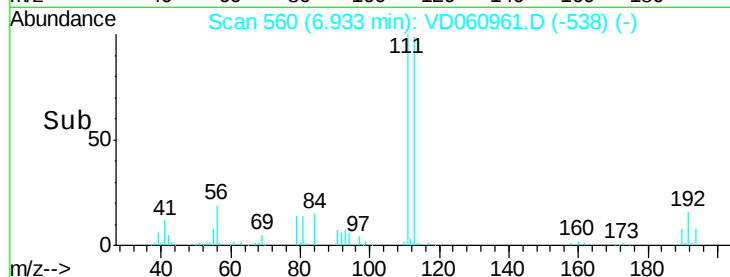
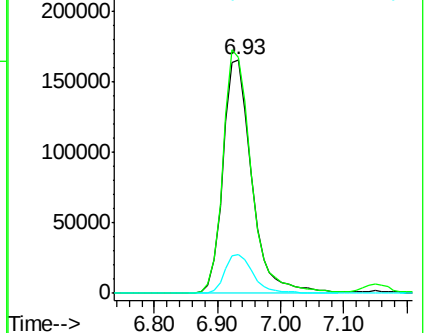
192 16.5 13.4 20.2



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: 21.579 ug/l

RT: 7.15 min Scan# 582

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

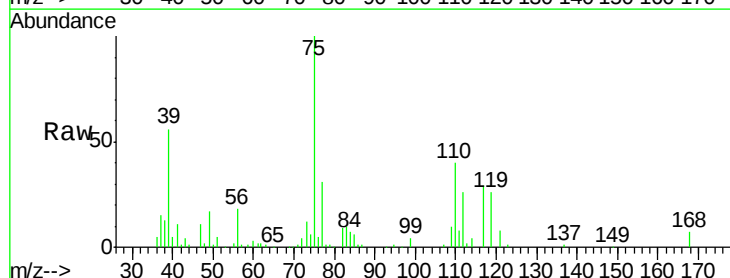
Tgt Ion: 75 Resp: 247563

Ion Ratio Lower Upper

75 100

110 39.6 19.9 59.7

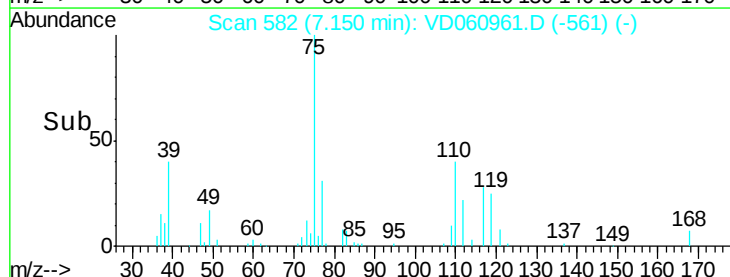
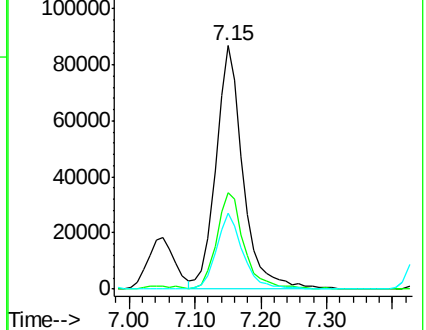
77 31.2 25.0 37.6

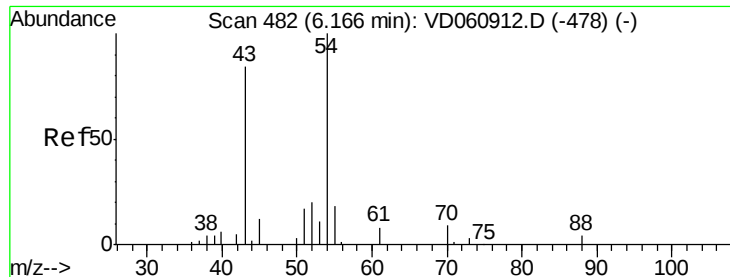


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

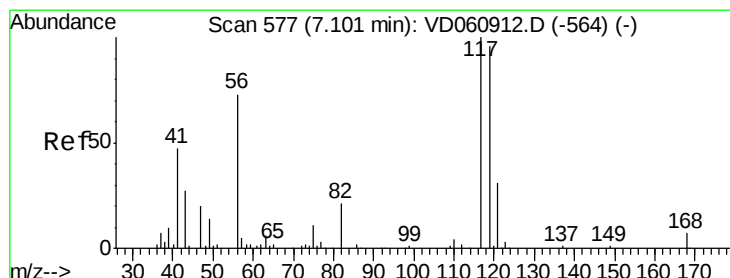
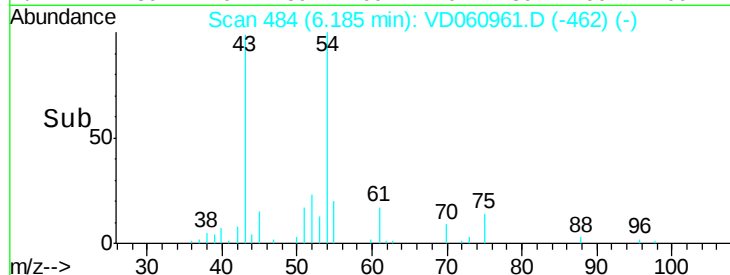
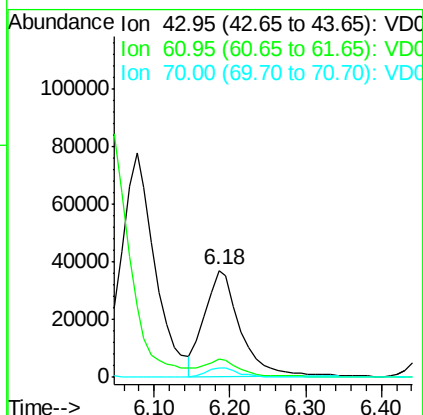
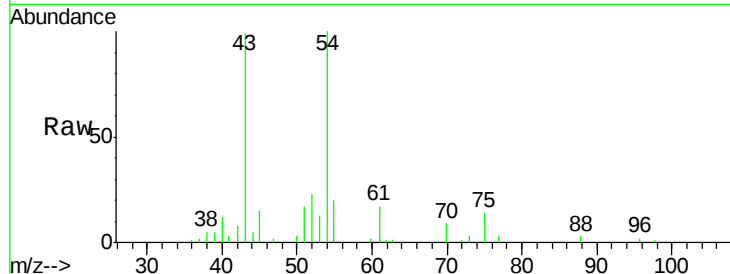




#37  
Ethyl Acetate  
Concen: 20.155 ug/l  
RT: 6.18 min Scan# 484  
Delta R.T. 0.02 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

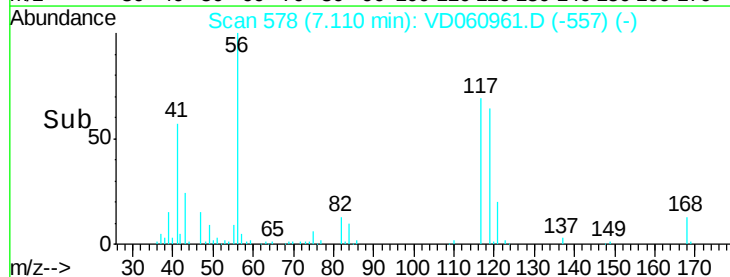
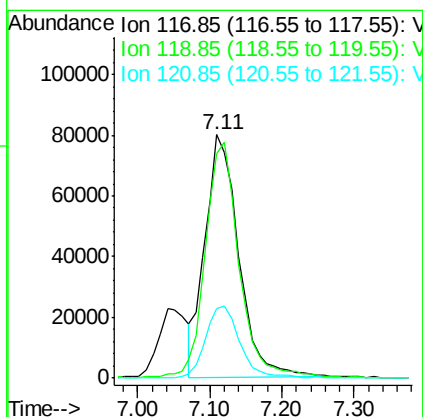
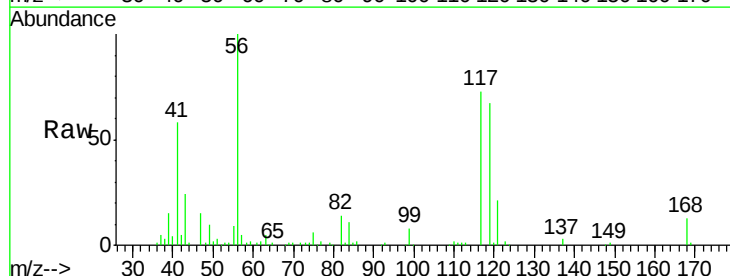
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

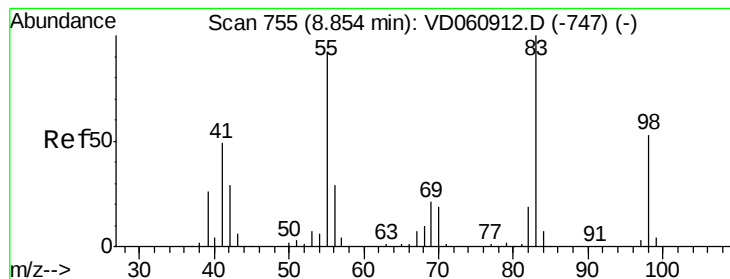
Tot Ion: 43 Resp: 118868  
Ion Ratio Lower Upper  
43 100  
61 17.4 12.1 18.1  
70 9.0 7.3 10.9



#38  
Carbon Tetrachloride  
Concen: 20.957 ug/l  
RT: 7.11 min Scan# 578  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion: 117 Resp: 258307  
Ion Ratio Lower Upper  
117 100  
119 91.9 76.9 115.3  
121 28.6 24.5 36.7





#39

Methvlcvclohexane

Concen: 21.131 ug/l

RT: 8.86 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0306SBS01

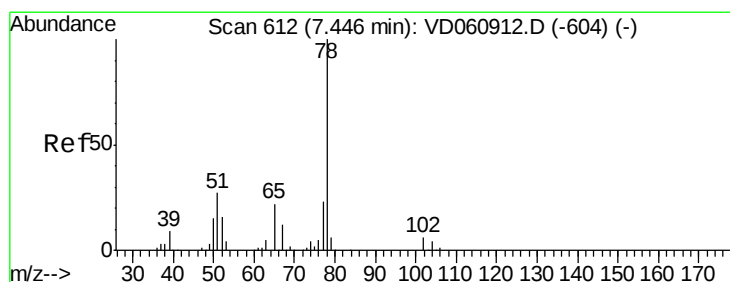
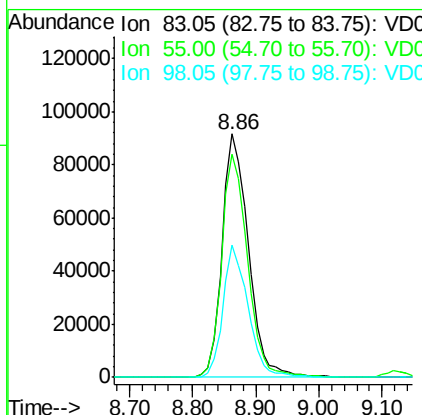
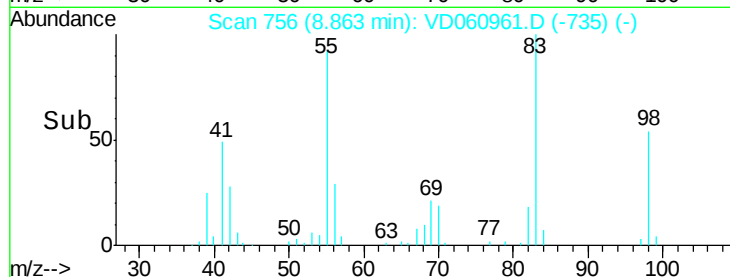
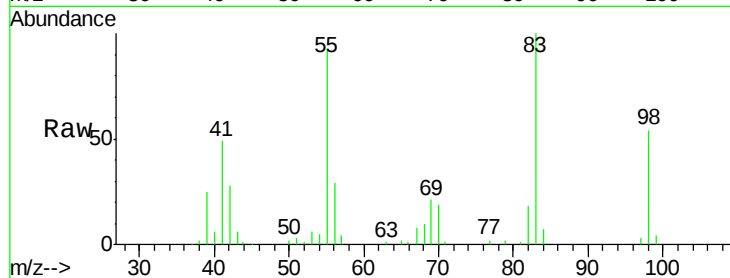
Tot Ion: 83 Resp: 264997

Ion Ratio Lower Upper

83 100

55 91.7 73.8 110.8

98 54.1 42.4 63.6



#40

Benzene

Concen: 22.046 ug/l

RT: 7.45 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD060961.D

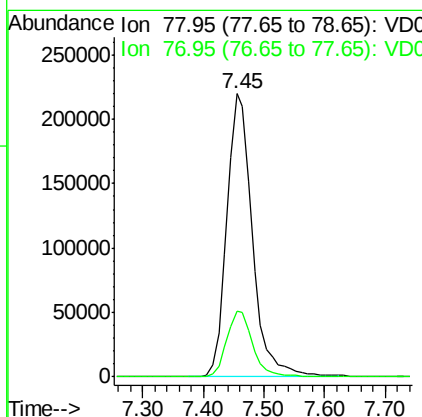
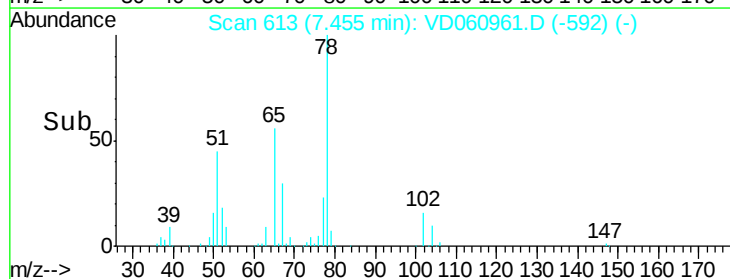
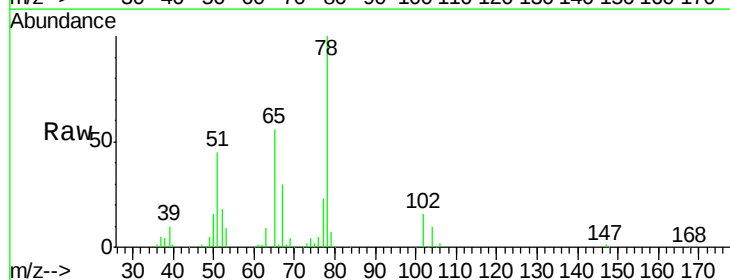
Acq: 6 Mar 2019 13:19

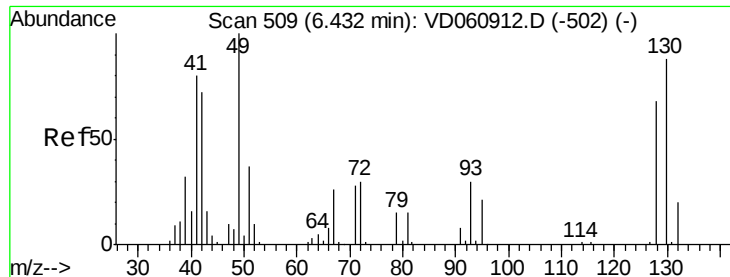
Tgt Ion: 78 Resp: 644135

Ion Ratio Lower Upper

78 100

77 23.4 18.4 27.6

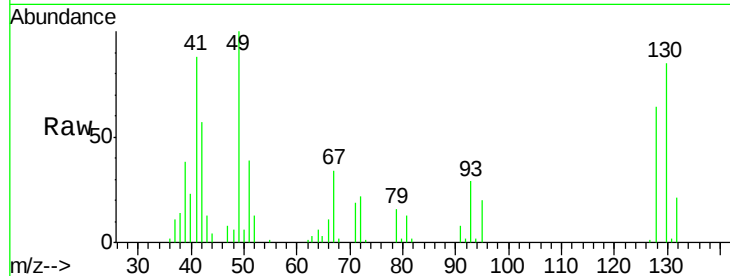




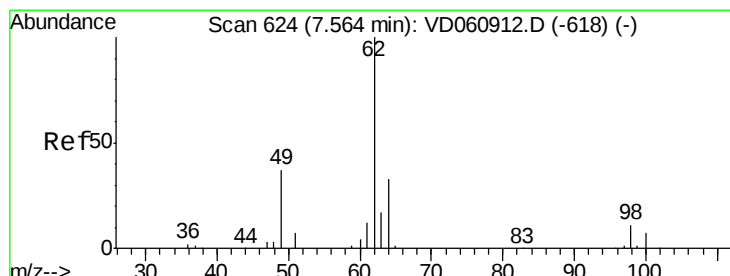
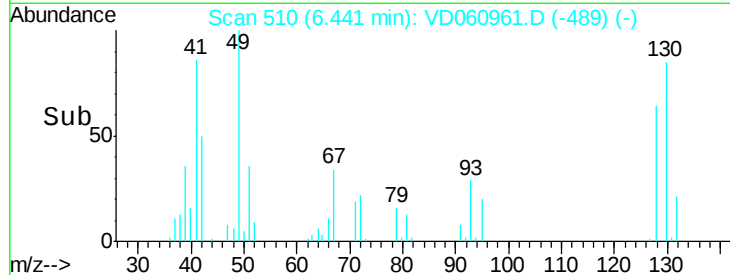
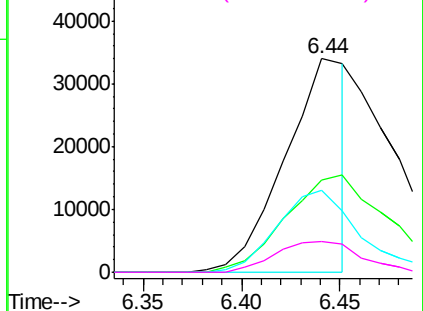
#41  
Methacrylonitrile  
Concen: 20.065 ug/l m  
RT: 6.44 min Scan# 510  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

Tot Ion: 41 Resp: 73927  
Ion Ratio Lower Upper  
41 100  
39 43.3 32.1 48.1  
67 38.3 25.6 38.4  
52 14.2 9.7 14.5

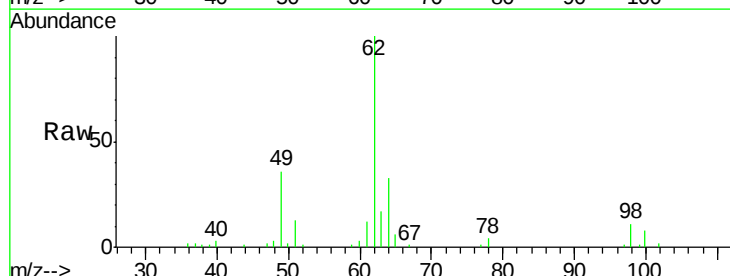


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

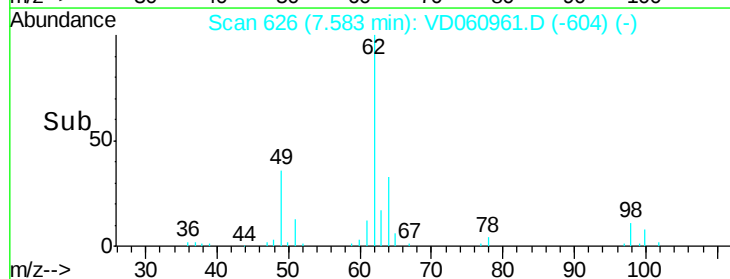
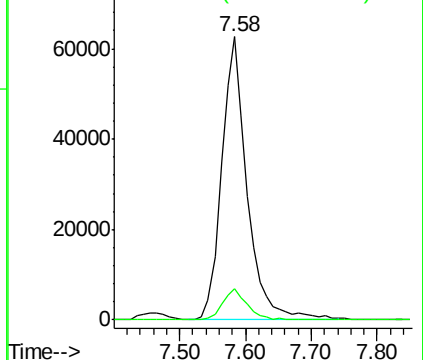


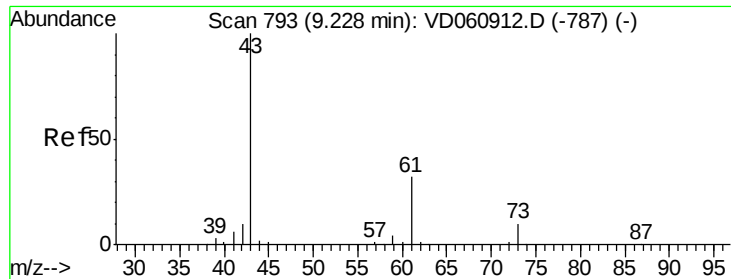
#42  
1,2-Dichloroethane  
Concen: 20.480 ug/l  
RT: 7.58 min Scan# 626  
Delta R.T. 0.02 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion: 62 Resp: 168363  
Ion Ratio Lower Upper  
62 100  
98 11.1 0.0 21.4



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



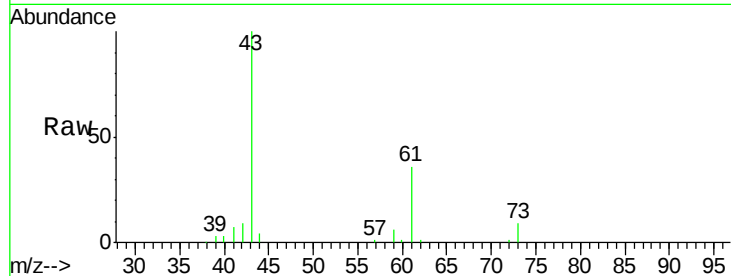


#43

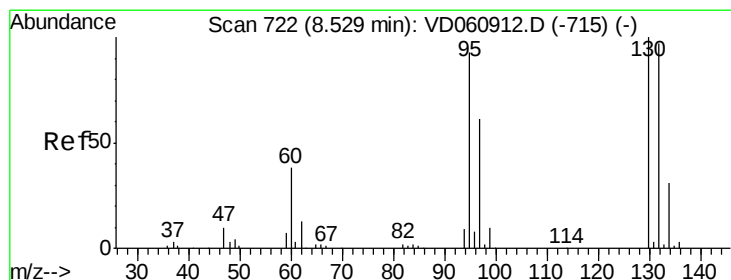
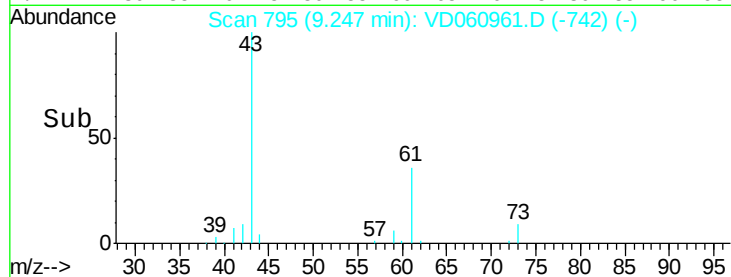
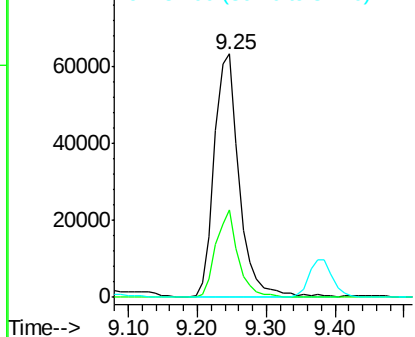
Isopropyl Acetate  
 Concen: 19.457 ug/l  
 RT: 9.25 min Scan# 795  
 Delta R.T. 0.02 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0306SBS01

Tot Ion: 43 Resp: 159997  
 Ion Ratio Lower Upper  
 43 100  
 61 36.0 25.6 38.4  
 87 0.0 0.2 0.4#



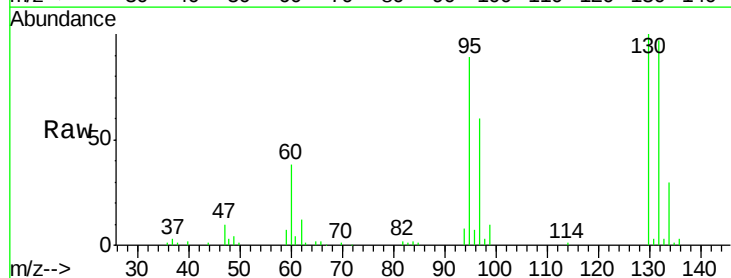
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



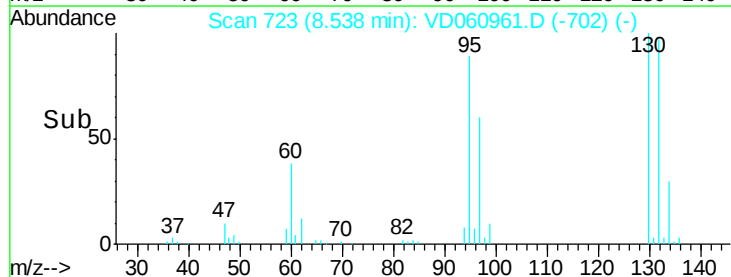
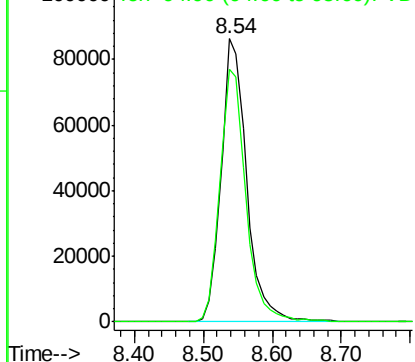
#44

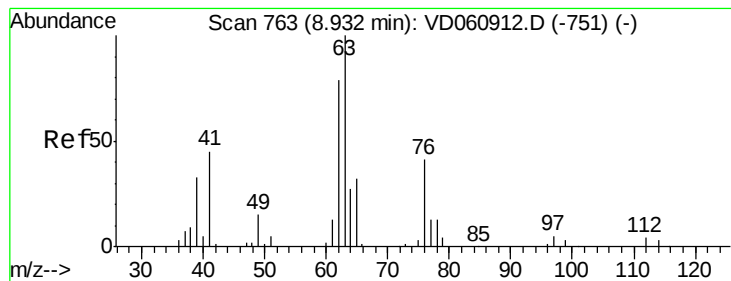
Trichloroethene  
 Concen: 22.092 ug/l  
 RT: 8.54 min Scan# 723  
 Delta R.T. 0.01 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

Tgt Ion:130 Resp: 221052  
 Ion Ratio Lower Upper  
 130 100  
 95 89.4 0.0 185.8



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





#45

1,2-Dichloropropane

Concen: 20.363 ug/l

RT: 8.94 min Scan# 764

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

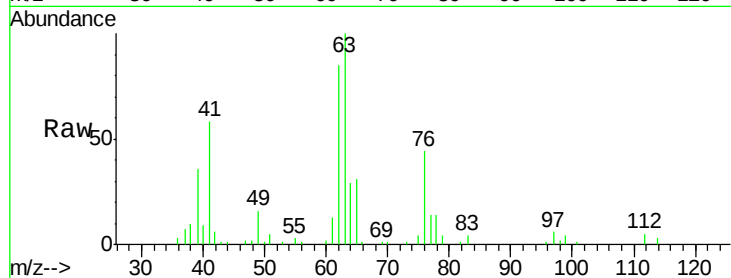
VD0306SBS01

Tot Ion: 63 Resp: 157508

Ion Ratio Lower Upper

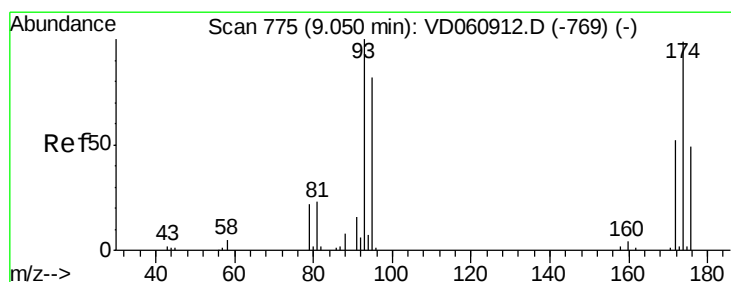
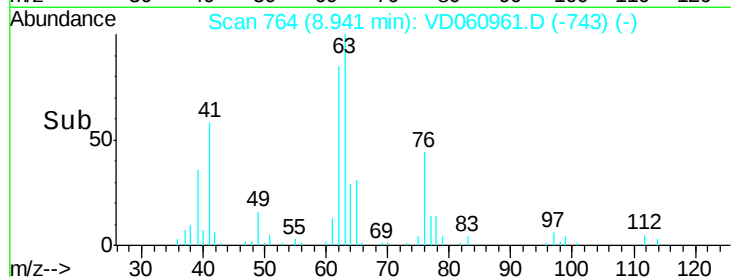
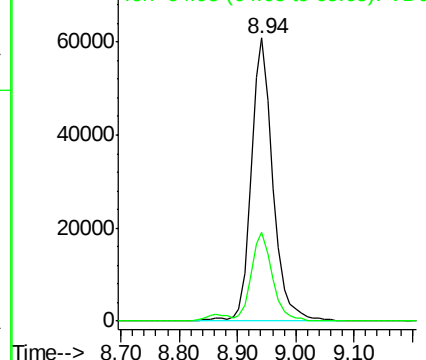
63 100

65 31.3 25.8 38.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 20.245 ug/l

RT: 9.07 min Scan# 777

Delta R.T. 0.02 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

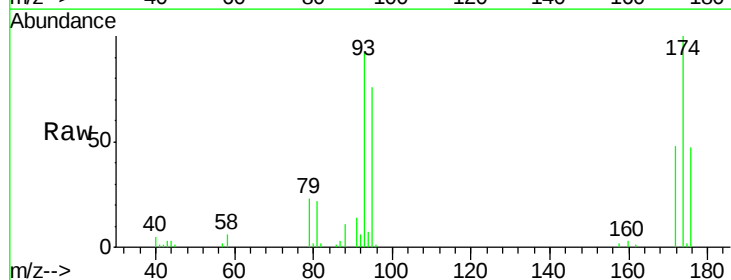
Tgt Ion: 93 Resp: 101010

Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.6

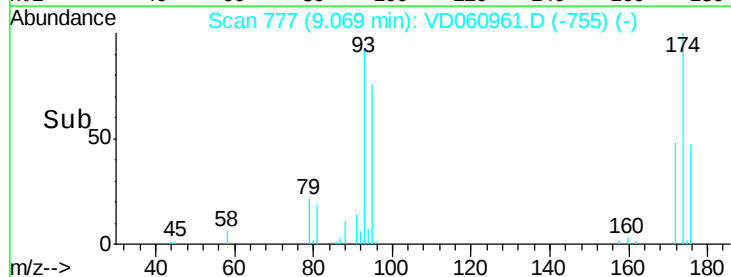
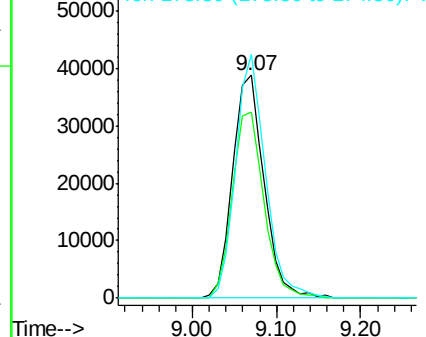
174 109.1 79.5 119.3

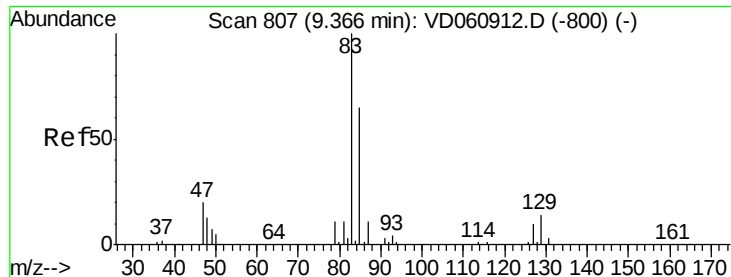


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 21.949 ug/l

RT: 9.37 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0306SBS01

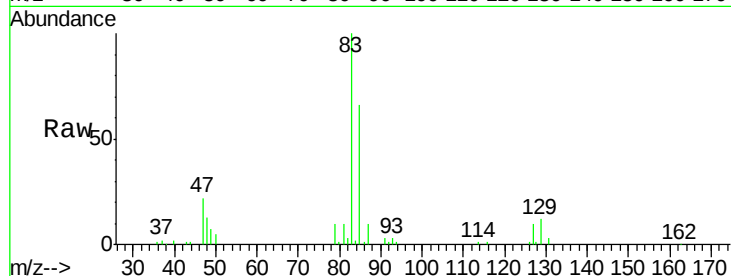
Tot Ion: 83 Resp: 238876

Ion Ratio Lower Upper

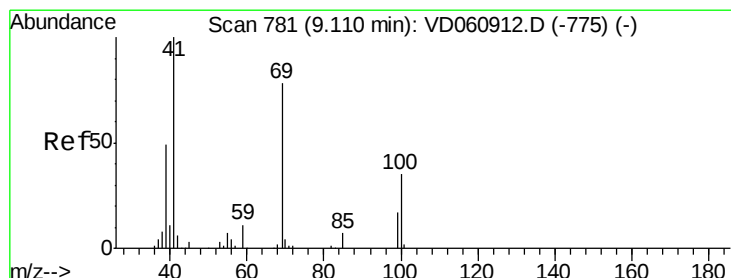
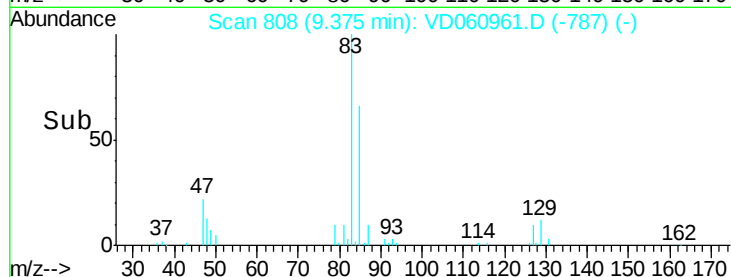
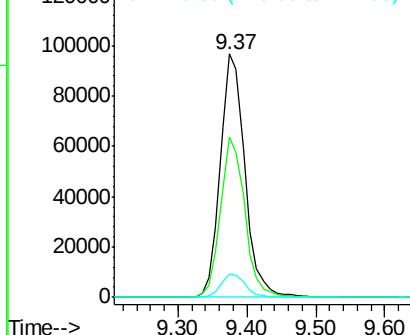
83 100

85 66.1 52.2 78.4

127 9.7 8.2 12.4



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: 19.567 ug/l

RT: 9.12 min Scan# 782

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

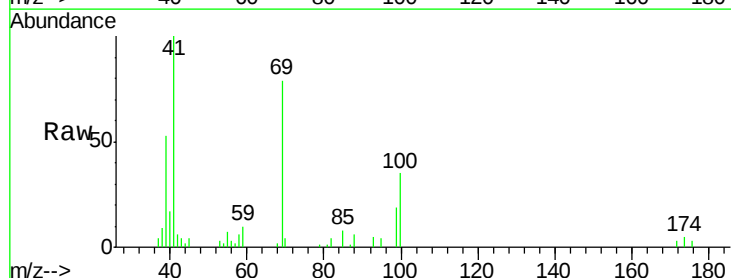
Tgt Ion: 41 Resp: 90398

Ion Ratio Lower Upper

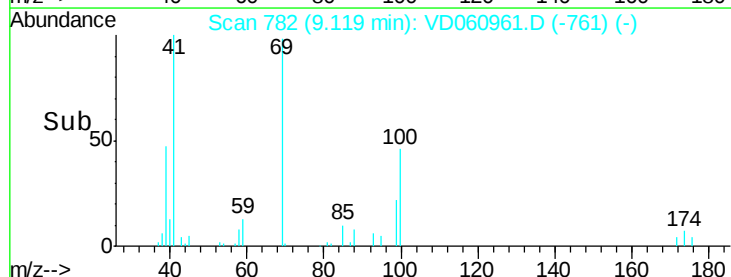
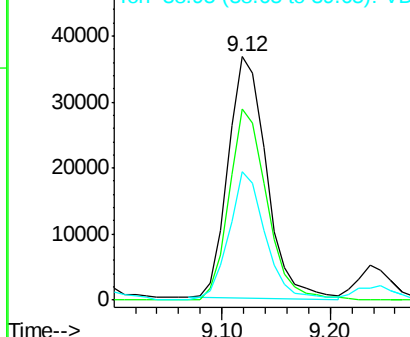
41 100

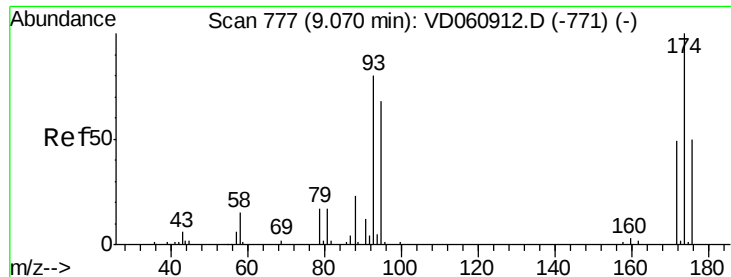
69 78.7 62.1 93.1

39 53.0 39.5 59.3



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

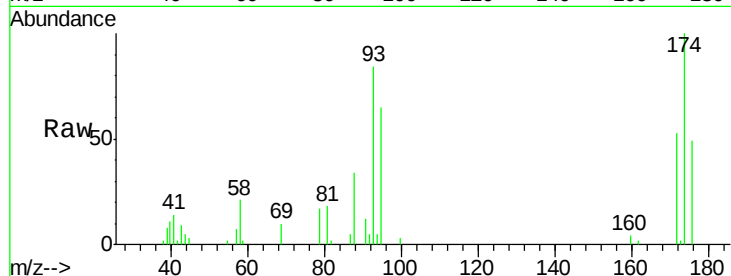




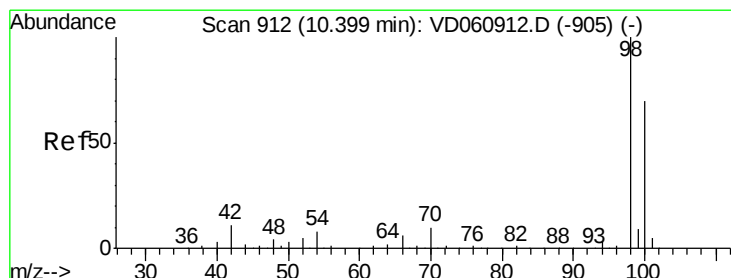
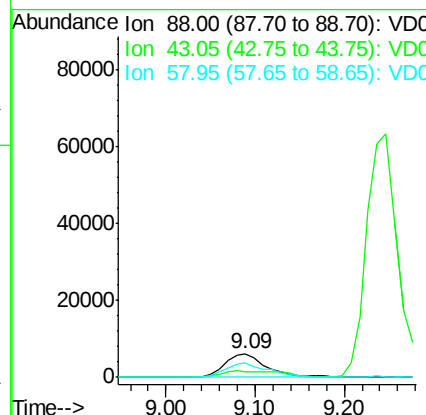
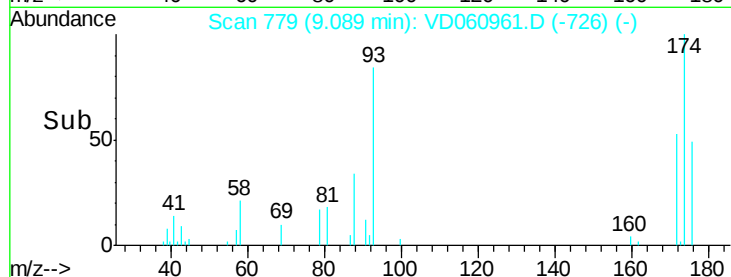
#49  
1,4-Dioxane  
Concen: 409.332 ug/l  
RT: 9.09 min Scan# 779  
Delta R.T. 0.02 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

Tot Ion: 88 Resp: 19797  
Ion Ratio Lower Upper  
88 100  
43 25.3 24.2 36.4  
58 61.3 51.1 76.7

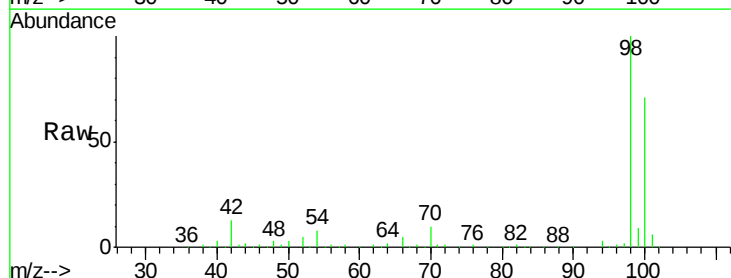


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

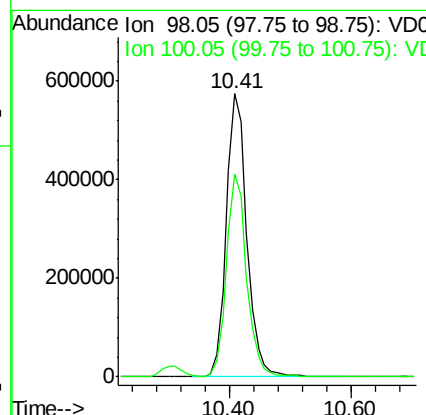
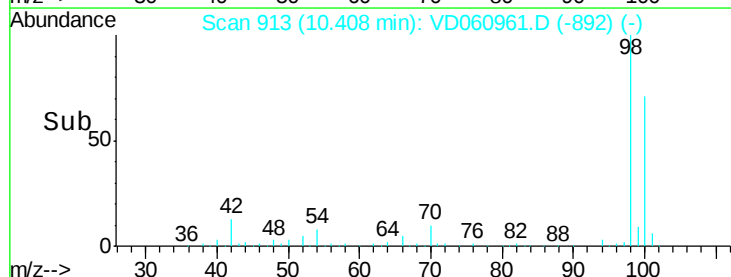


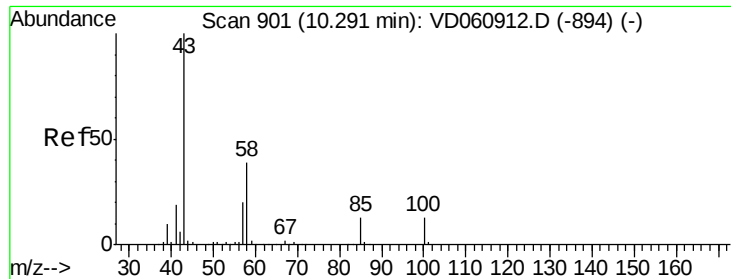
#50  
Toluene-d8  
Concen: 409.332 ug/l  
RT: 10.41 min Scan# 913  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion: 98 Resp: 1354961  
Ion Ratio Lower Upper  
98 100  
100 71.5 57.0 85.4



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

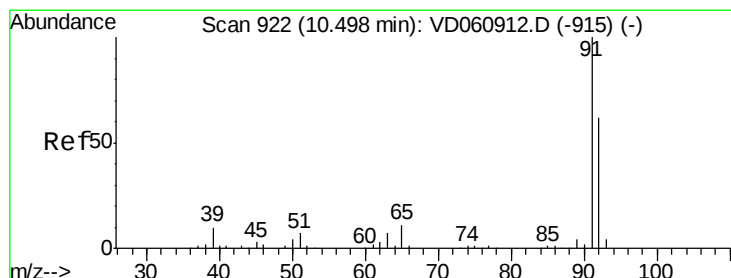
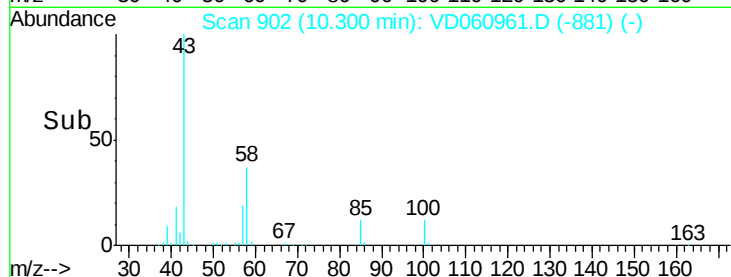
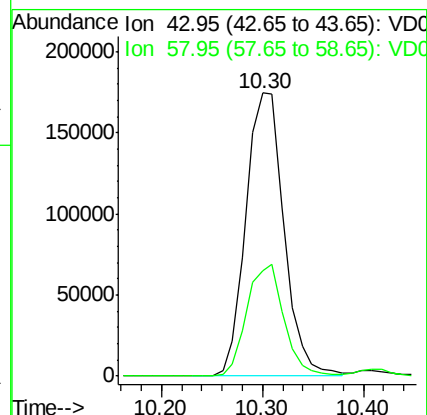
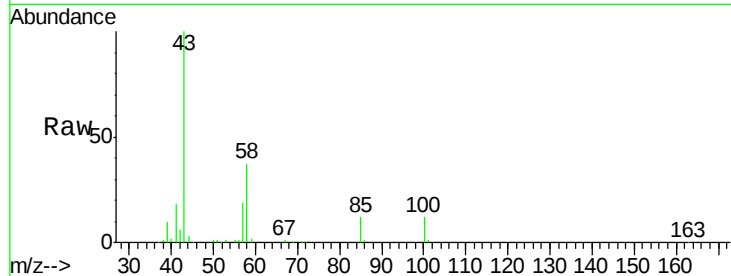




#51  
4-Methyl-2-Pentanone  
Concen: 92.059 ug/l  
RT: 10.30 min Scan# 902  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

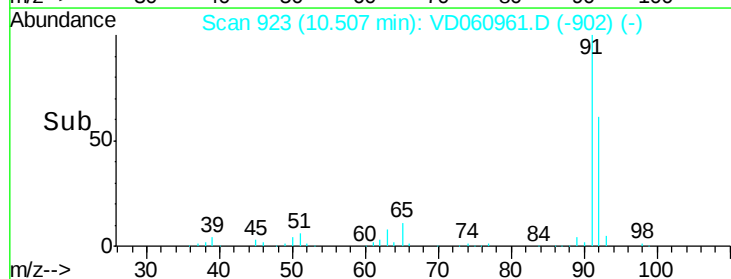
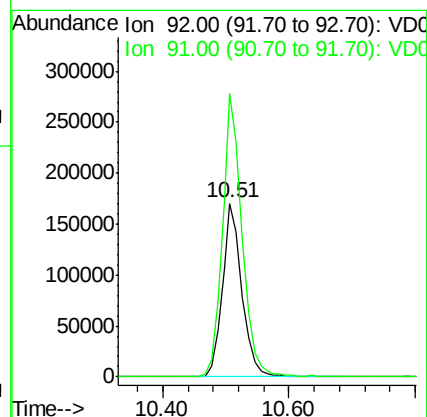
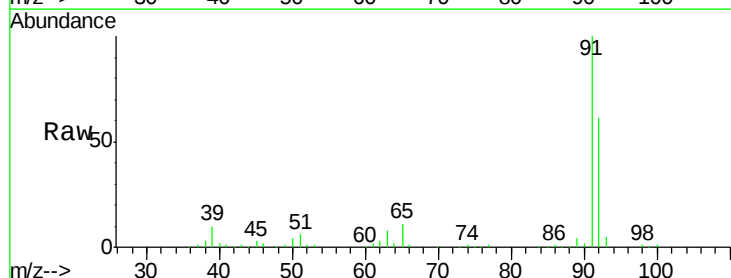
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

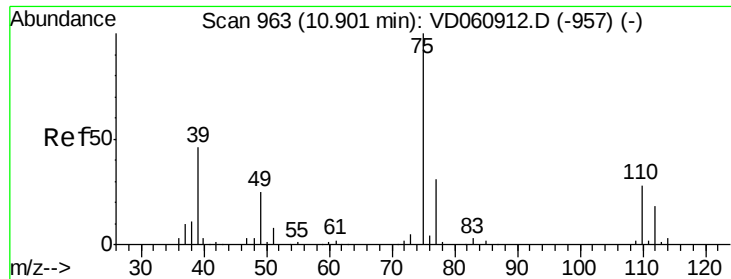
Tot Ion: 43 Resp: 460887  
Ion Ratio Lower Upper  
43 100  
58 37.1 31.0 46.6



#52  
Toluene  
Concen: 19.639 ug/l  
RT: 10.51 min Scan# 923  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion: 92 Resp: 368646  
Ion Ratio Lower Upper  
92 100  
91 163.2 129.9 194.9

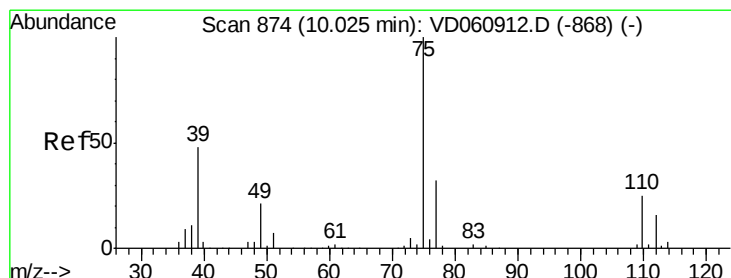
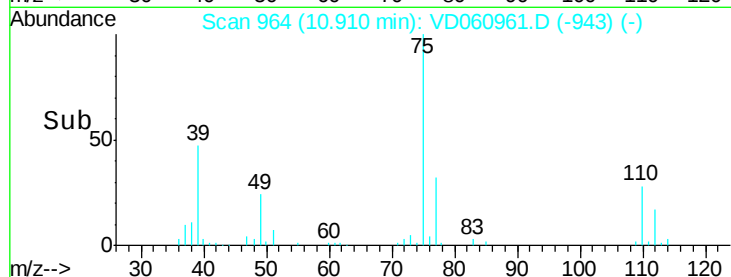
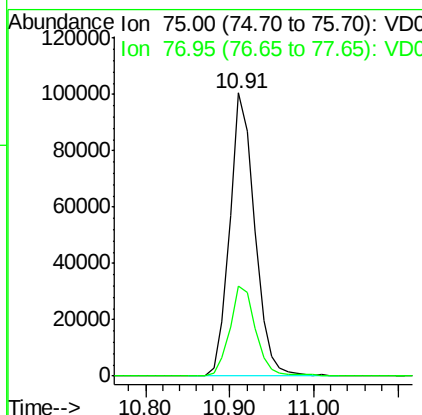
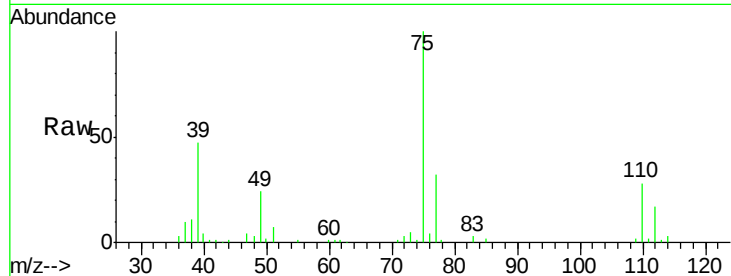




#53  
 t-1,3-Dichloropropene  
 Concen: 20.736 ug/l  
 RT: 10.91 min Scan# 964  
 Delta R.T. 0.01 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

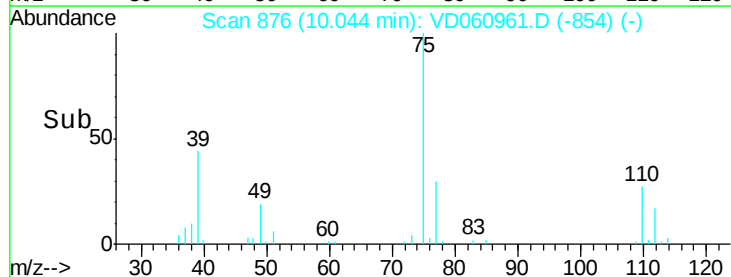
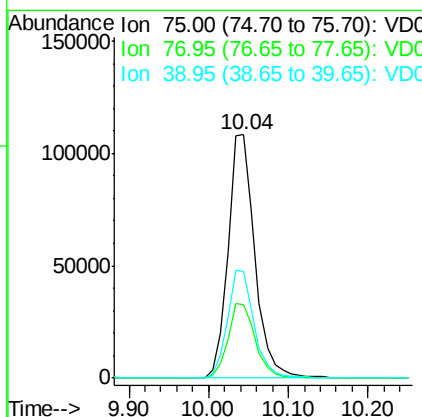
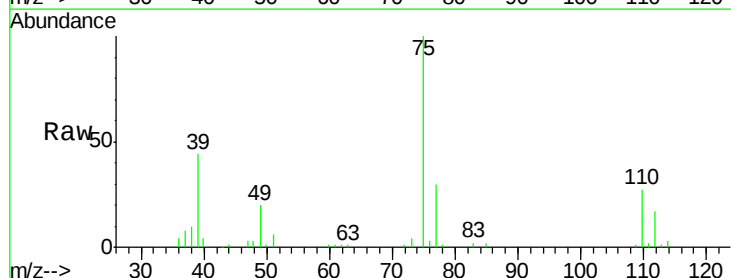
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0306SBS01

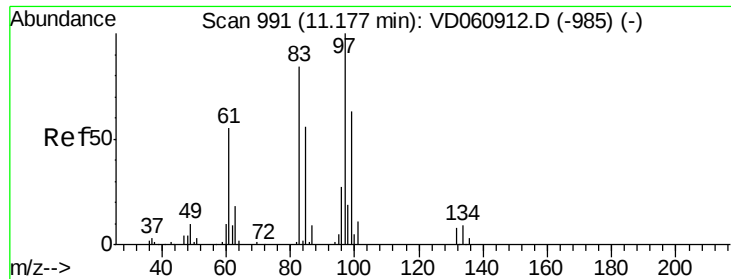
Tot Ion: 75 Resp: 207674  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 24.9 37.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.561 ug/l  
 RT: 10.04 min Scan# 876  
 Delta R.T. 0.02 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

Tgt Ion: 75 Resp: 255336  
 Ion Ratio Lower Upper  
 75 100  
 77 30.3 25.3 37.9  
 39 44.0 38.2 57.4

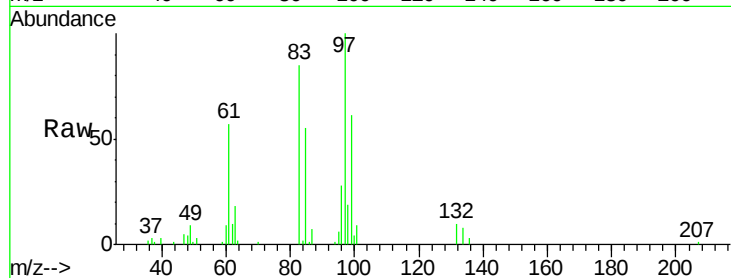




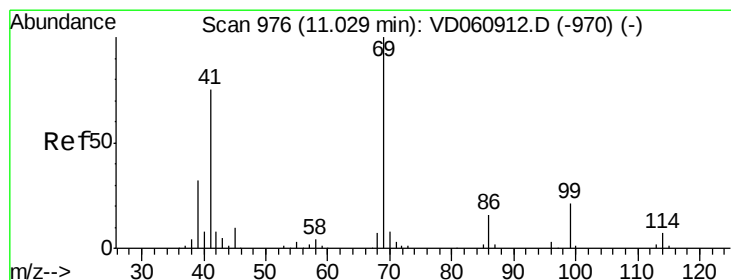
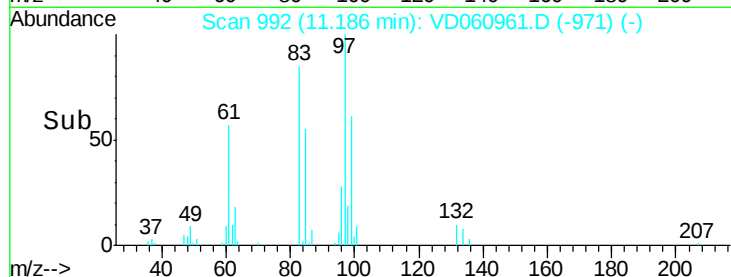
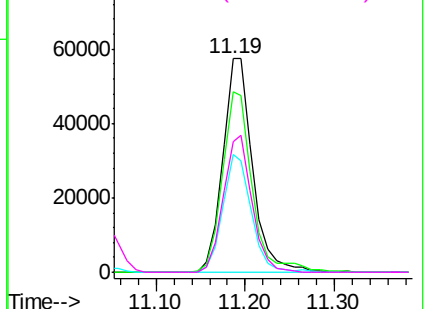
#55  
 1,1,2-Trichloroethane  
 Concen: 21.711 ug/l  
 RT: 11.19 min Scan# 992  
 Delta R.T. 0.01 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0306SBS01

Tot Ion: 97 Resp: 134775  
 Ion Ratio Lower Upper  
 97 100  
 83 84.7 67.5 101.3  
 85 55.4 44.9 67.3  
 99 61.3 50.6 76.0

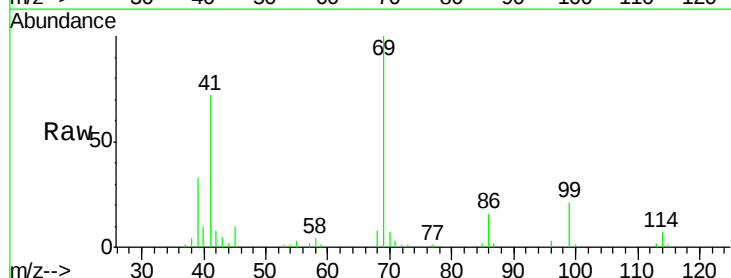


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

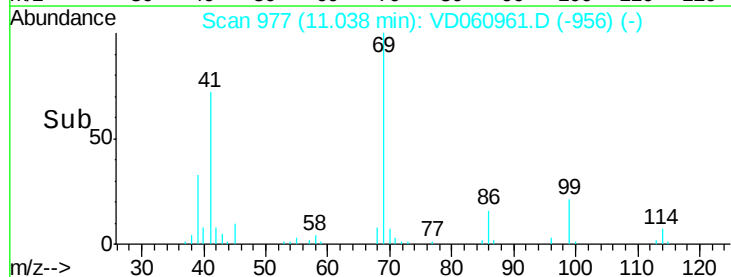
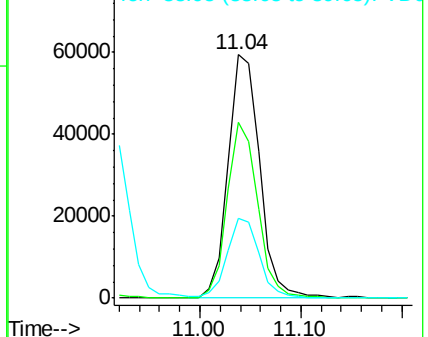


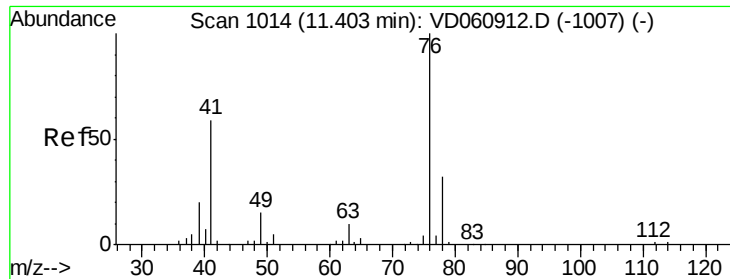
#56  
 Ethyl methacrylate  
 Concen: 19.648 ug/l  
 RT: 11.04 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

Tgt Ion: 69 Resp: 129298  
 Ion Ratio Lower Upper  
 69 100  
 41 72.4 59.9 89.9  
 39 32.8 25.7 38.5



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

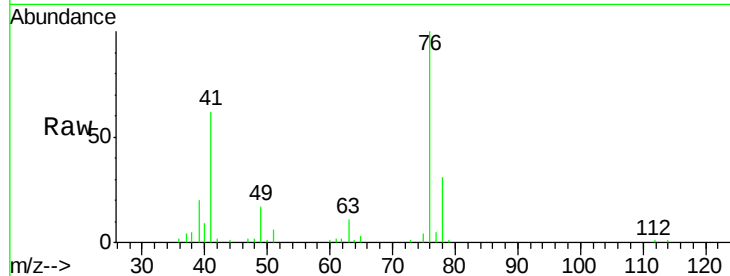




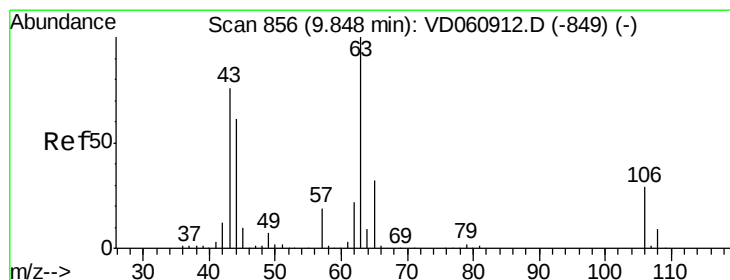
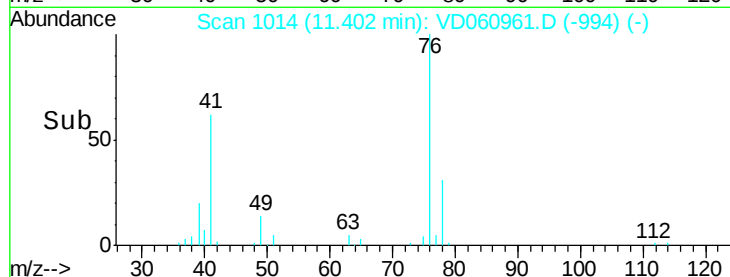
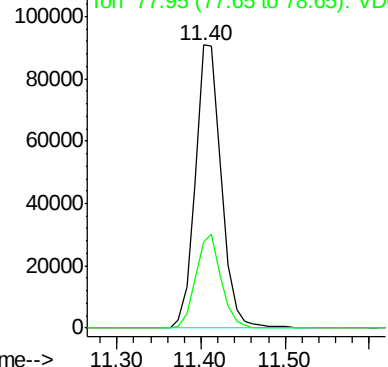
#57  
 1,3-Dichloropropane  
 Concen: 21.442 ug/l  
 RT: 11.40 min Scan# 1014  
 Delta R.T. -0.00 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0306SBS01

Tot Ion: 76 Resp: 193524  
 Ion Ratio Lower Upper  
 76 100  
 78 30.6 25.6 38.4

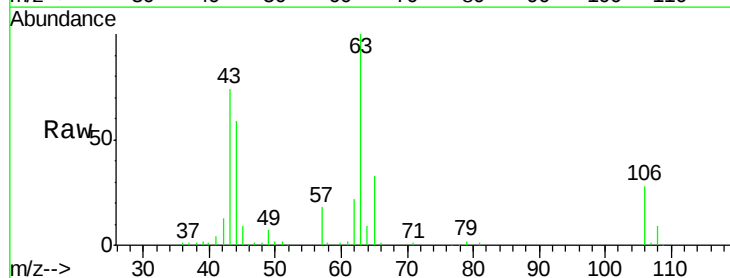


Abundance Ion 75.95 (75.65 to 76.65): VDC  
 Ion 77.95 (77.65 to 78.65): VDC

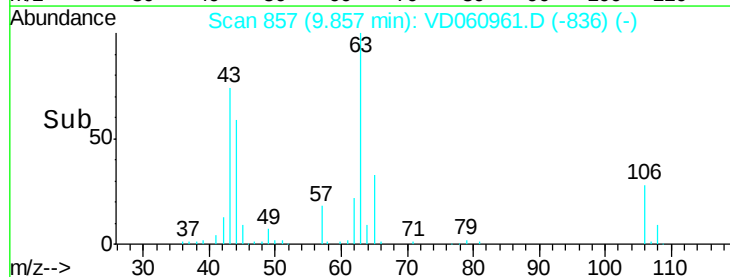
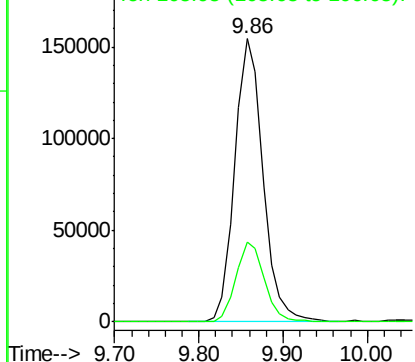


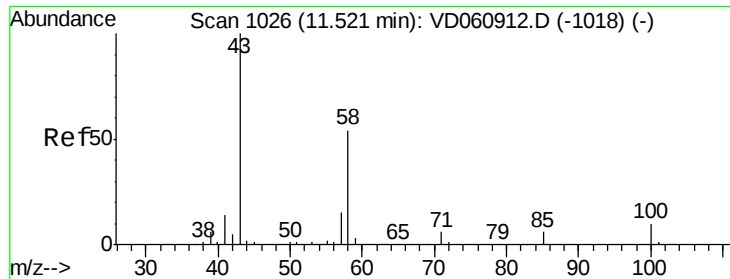
#58  
 2-Chloroethyl Vinyl ether  
 Concen: 102.721 ug/l  
 RT: 9.86 min Scan# 857  
 Delta R.T. 0.01 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

Tgt Ion: 63 Resp: 361026  
 Ion Ratio Lower Upper  
 63 100  
 106 28.1 23.0 34.6



Abundance Ion 62.95 (62.65 to 63.65): VDC  
 Ion 105.95 (105.65 to 106.65): V





#59

2-Hexanone

Concen: 101.215 ug/l

RT: 11.53 min Scan# 1027

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

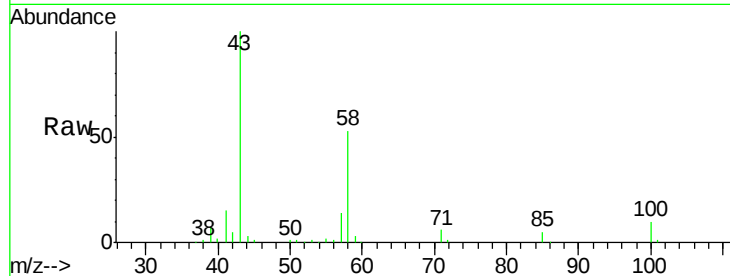
VD0306SBS01

Tot Ion: 43 Resp: 355215

Ion Ratio Lower Upper

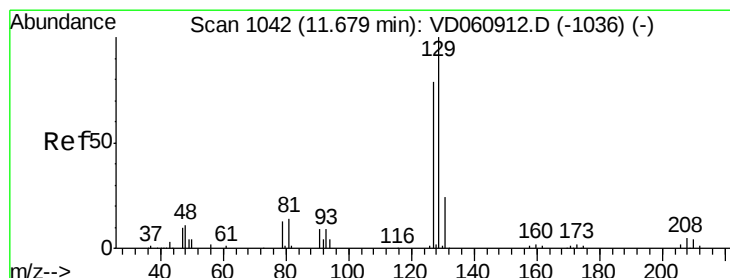
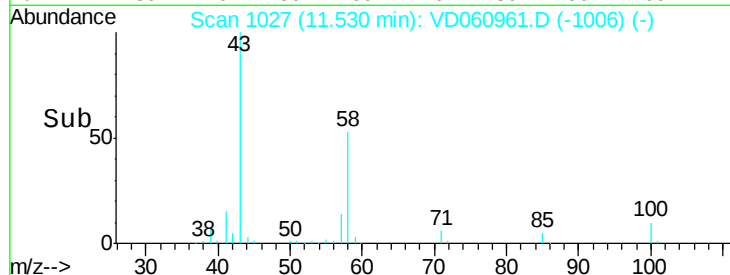
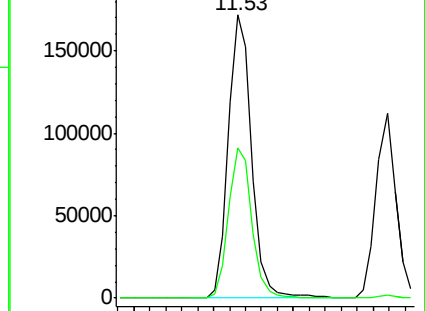
43 100

58 52.9 27.2 81.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#60

Dibromochloromethane

Concen: 20.445 ug/l

RT: 11.69 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VD060961.D

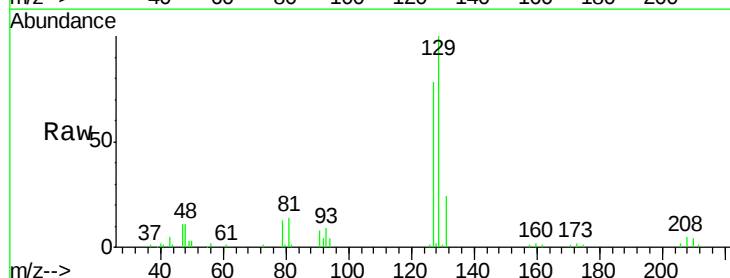
Acq: 6 Mar 2019 13:19

Tgt Ion: 129 Resp: 183044

Ion Ratio Lower Upper

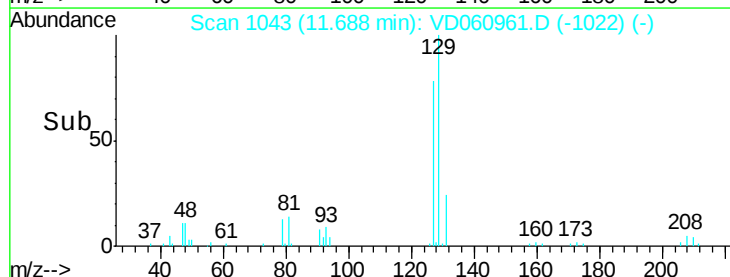
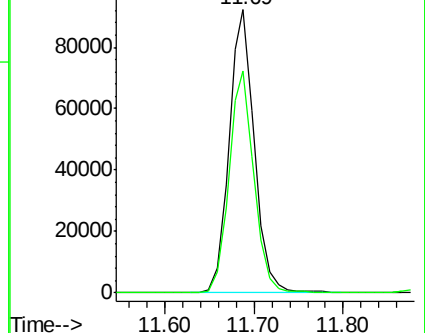
129 100

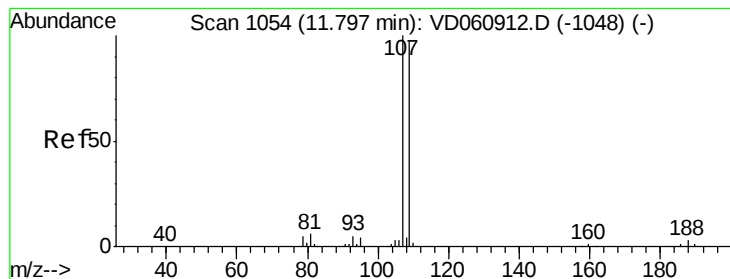
127 78.2 39.4 118.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 20.867 ug/l

RT: 11.81 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

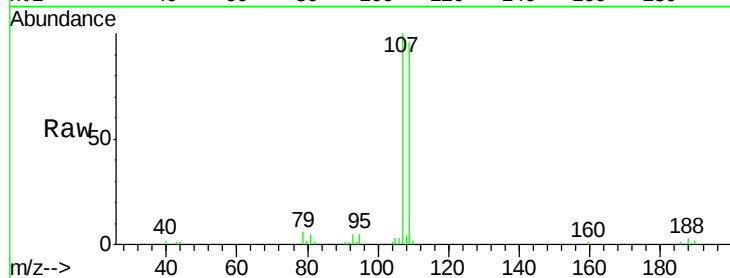
VD0306SBS01

Tot Ion:107 Resp: 152180

Ion Ratio Lower Upper

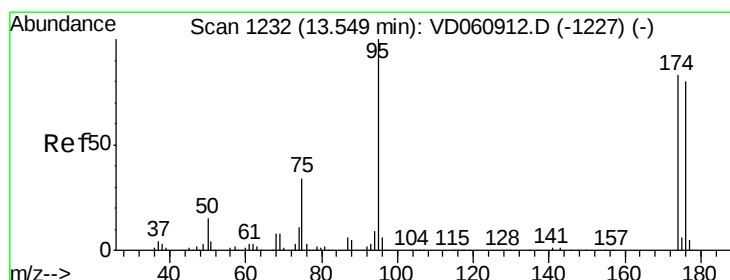
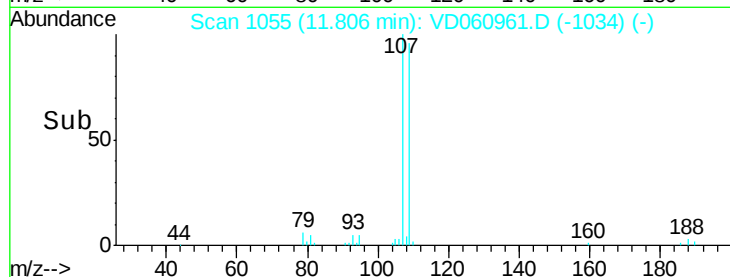
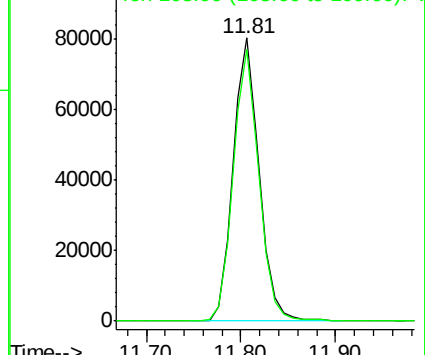
107 100

109 96.3 78.0 117.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 20.867 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

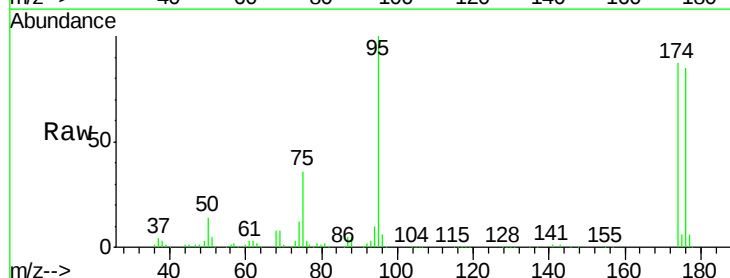
Tgt Ion: 95 Resp: 506210

Ion Ratio Lower Upper

95 100

174 86.9 0.0 165.6

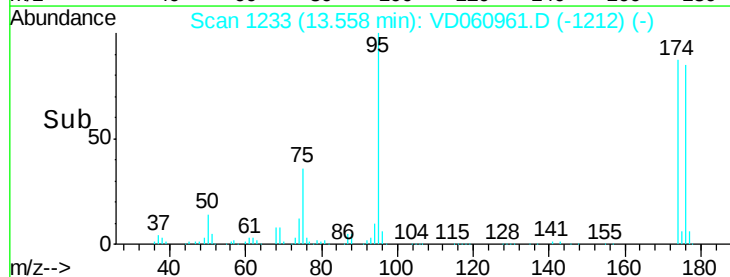
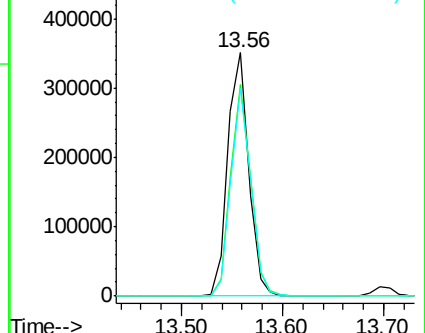
176 85.3 0.0 160.6

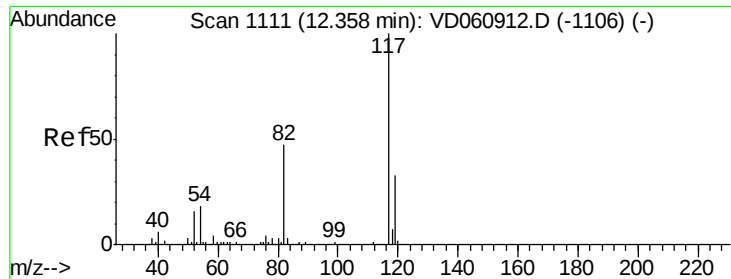


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

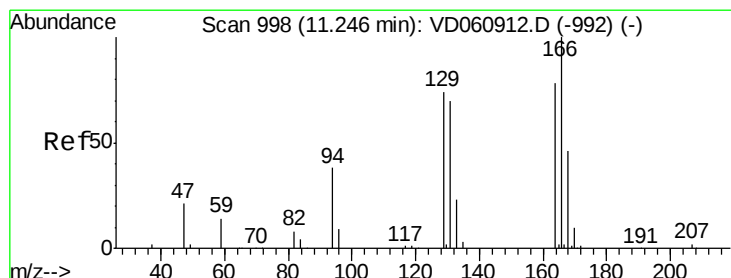
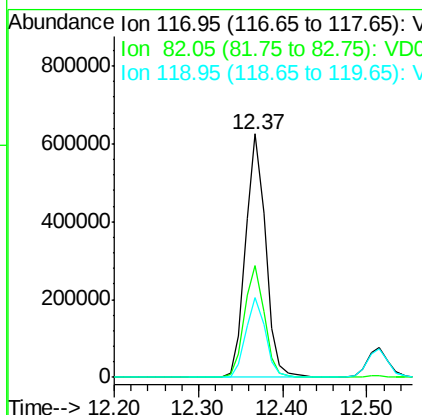
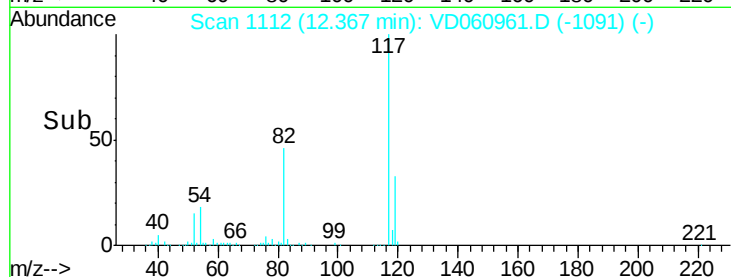
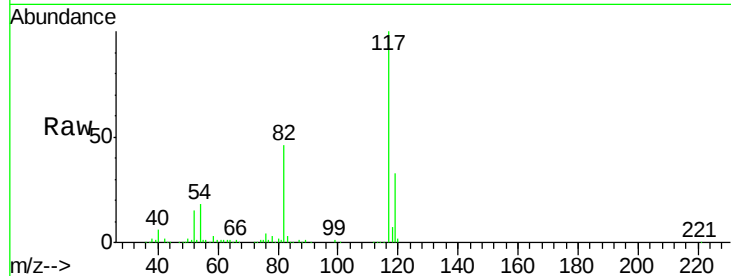




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.37 min Scan# 1112  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

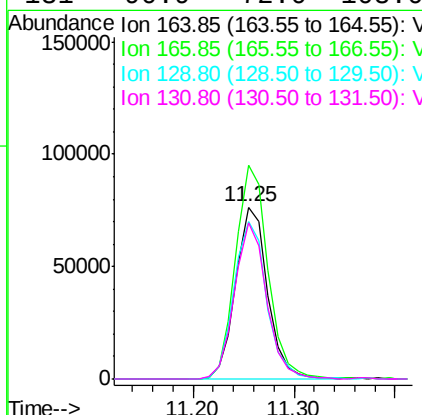
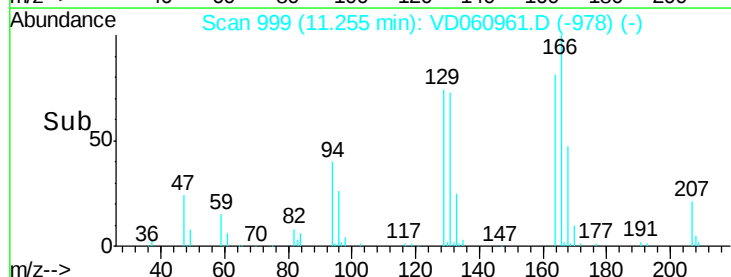
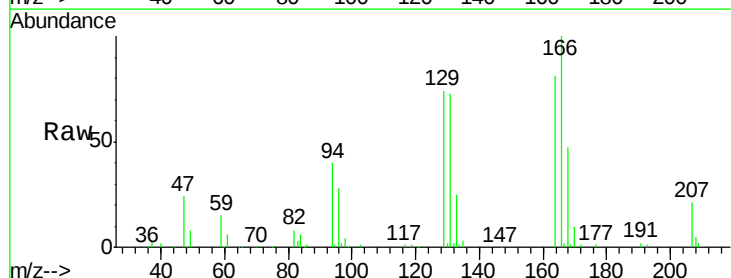
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

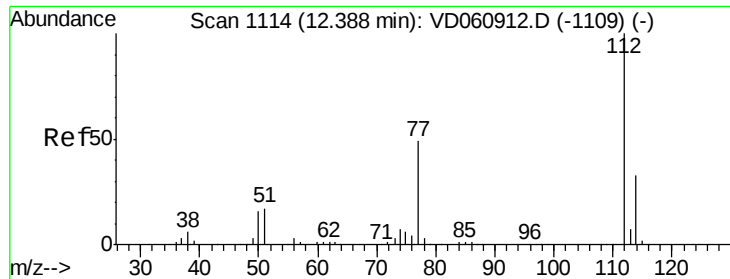
Tot Ion:117 Resp: 1038051  
Ion Ratio Lower Upper  
117 100  
82 45.7 37.5 56.3  
119 33.0 26.2 39.2



#64  
Tetrachloroethene  
Concen: 21.155 ug/l  
RT: 11.25 min Scan# 999  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion:164 Resp: 168104  
Ion Ratio Lower Upper  
164 100  
166 124.2 102.3 153.5  
129 91.5 75.6 113.4  
131 90.9 72.0 108.0

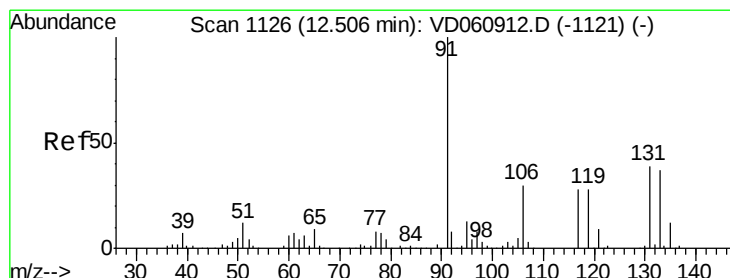
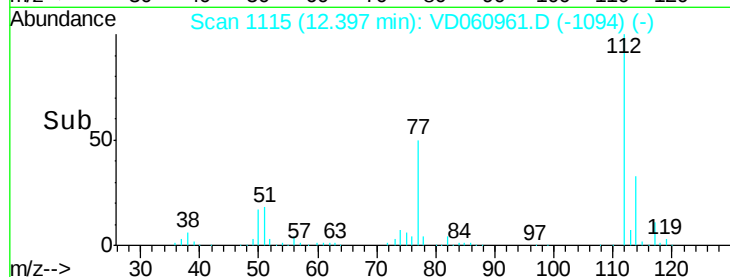
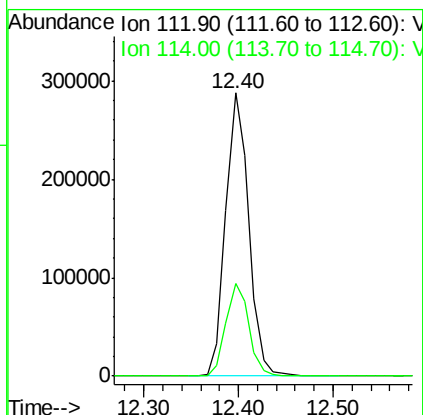
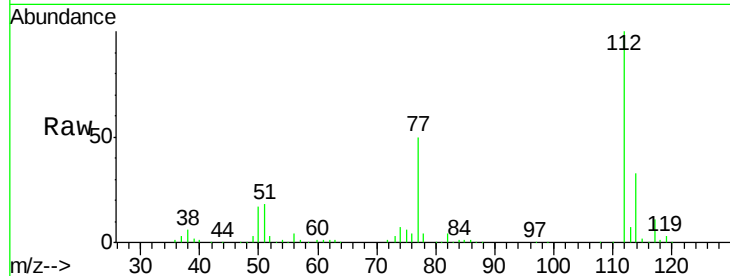




#65  
Chlorobenzene  
Concen: 21.027 ug/l  
RT: 12.40 min Scan# 1115  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

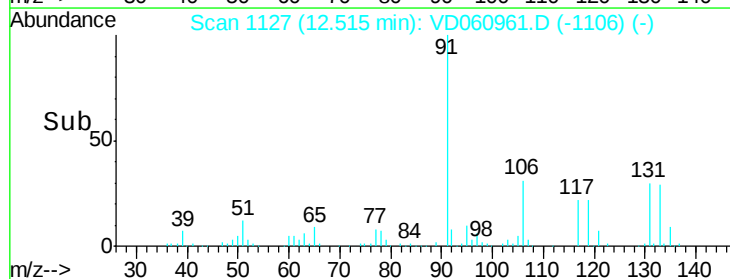
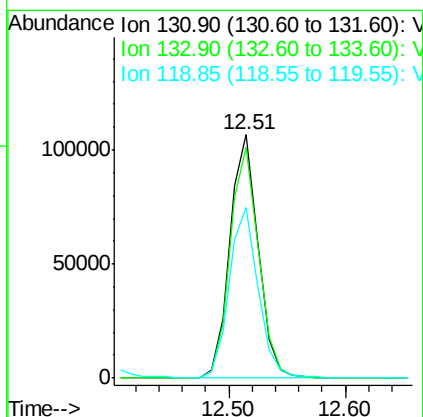
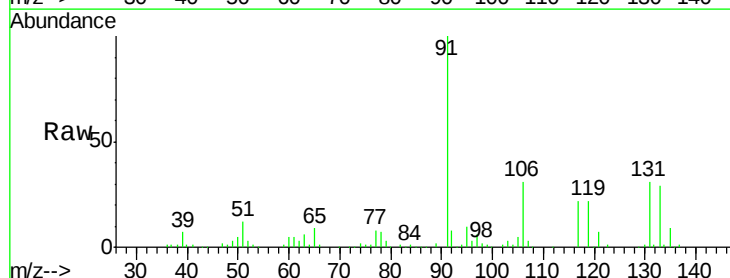
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

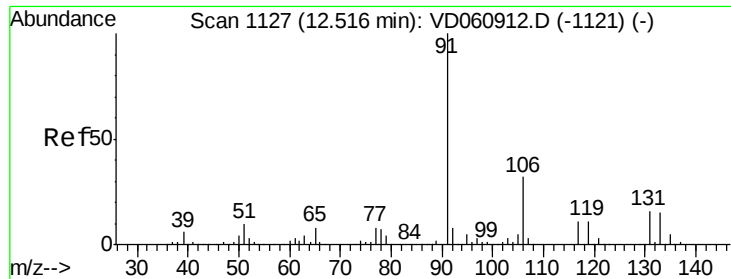
Tot Ion:112 Resp: 485958  
Ion Ratio Lower Upper  
112 100  
114 32.9 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.666 ug/l  
RT: 12.51 min Scan# 1127  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion:131 Resp: 179682  
Ion Ratio Lower Upper  
131 100  
133 94.6 47.4 142.3  
119 70.3 36.0 108.1

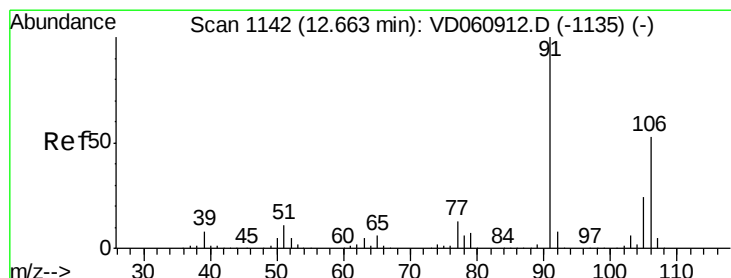
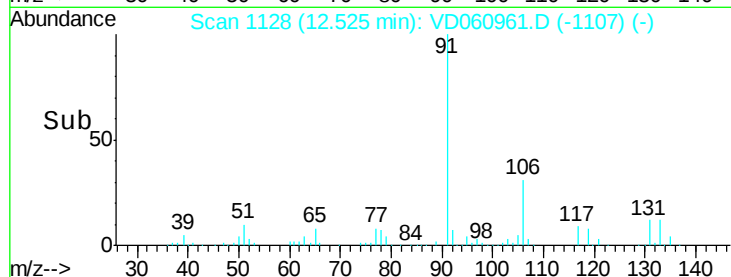
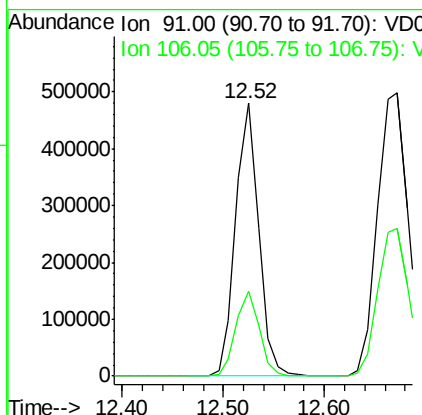
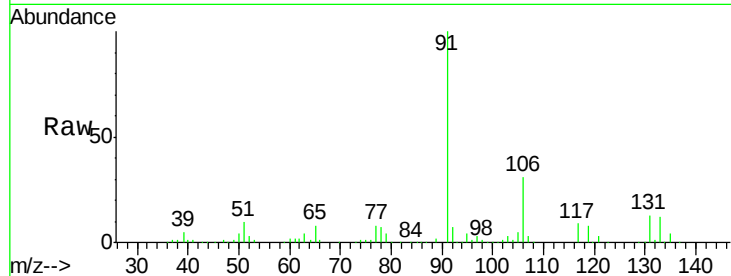




#67  
Ethyl Benzene  
Concen: 22.663 ug/l  
RT: 12.52 min Scan# 1128  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

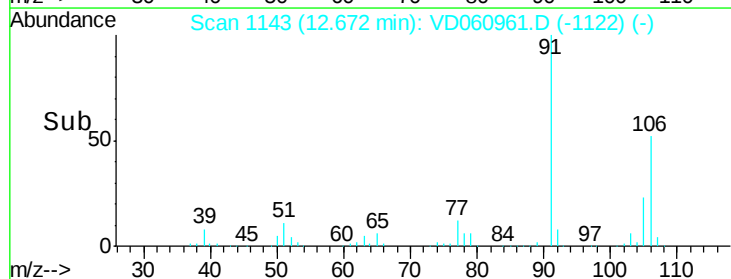
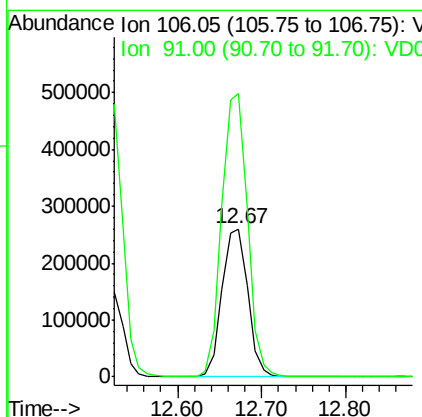
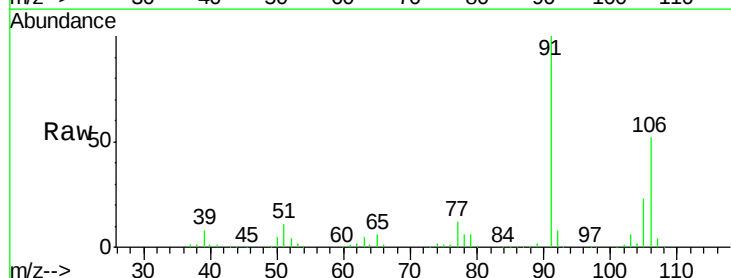
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

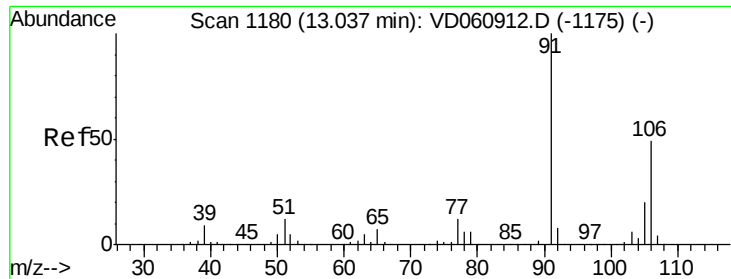
Tot Ion: 91 Resp: 762631  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.8 38.6



#68  
m/p-Xylenes  
Concen: 41.123 ug/l  
RT: 12.67 min Scan# 1143  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion: 106 Resp: 552885  
Ion Ratio Lower Upper  
106 100  
91 190.9 150.2 225.4

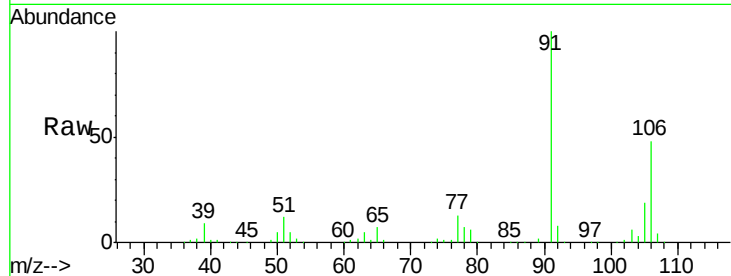




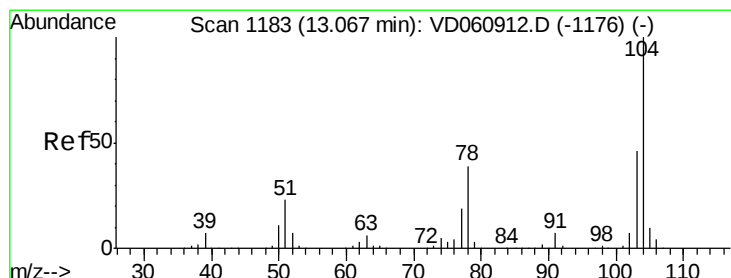
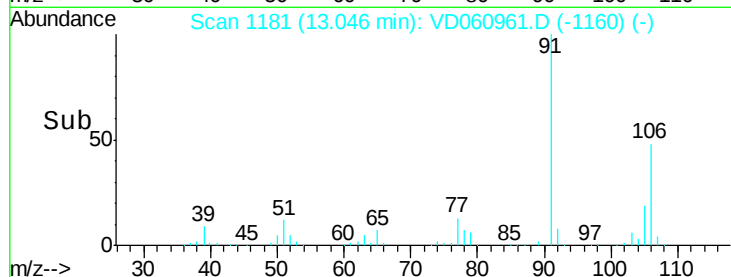
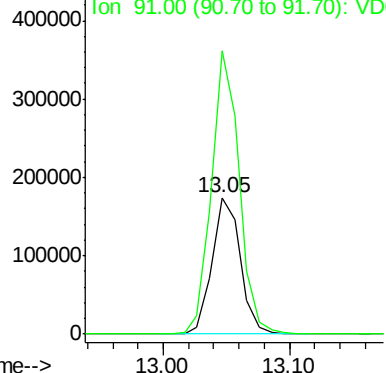
#69  
o-Xylene  
Concen: 21.383 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

Tot Ion:106 Resp: 270053  
Ion Ratio Lower Upper  
106 100  
91 207.6 102.9 308.7

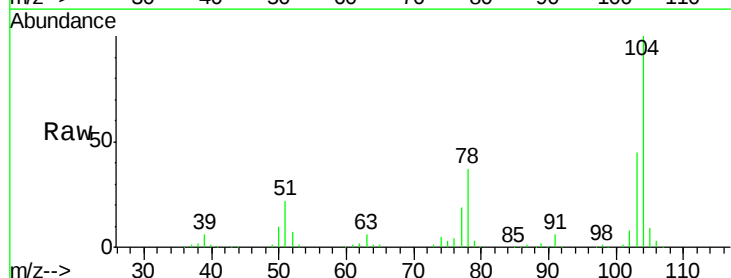


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

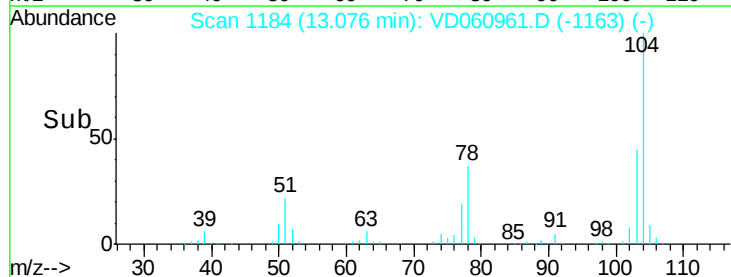
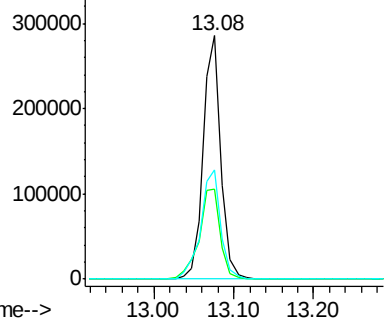


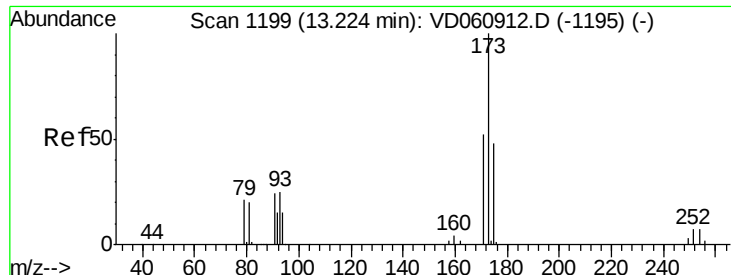
#70  
Styrene  
Concen: 21.066 ug/l  
RT: 13.08 min Scan# 1184  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion:104 Resp: 443879  
Ion Ratio Lower Upper  
104 100  
78 36.8 31.0 46.4  
103 45.0 36.5 54.7



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

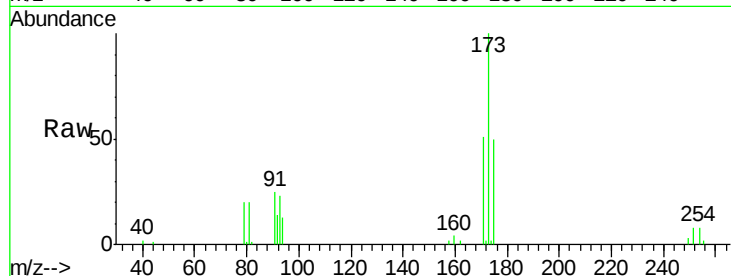




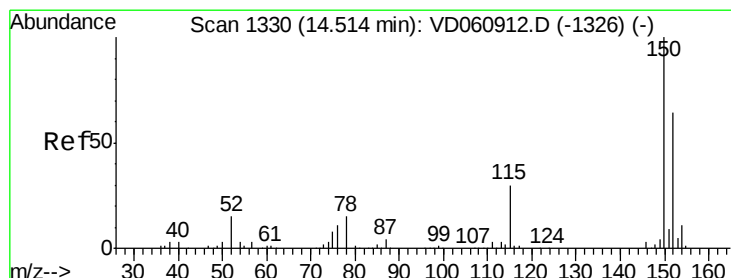
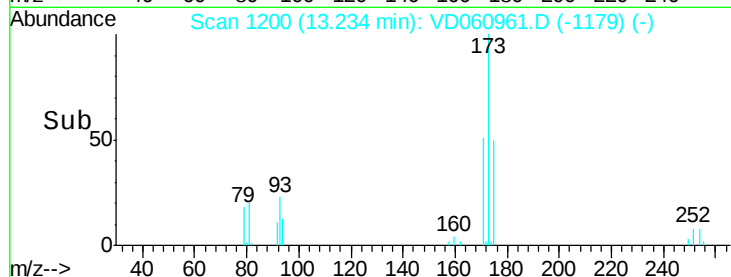
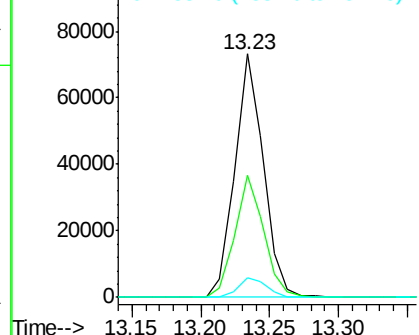
#71  
Bromoform  
Concen: 20.136 ug/l  
RT: 13.23 min Scan# 1200  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

Tot Ion:173 Resp: 105696  
Ion Ratio Lower Upper  
173 100  
175 50.1 24.1 72.3  
254 7.9 5.6 8.4

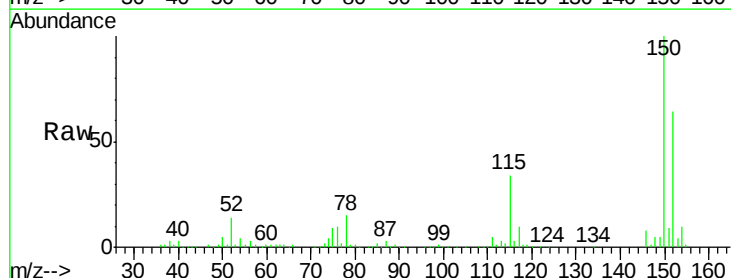


Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V

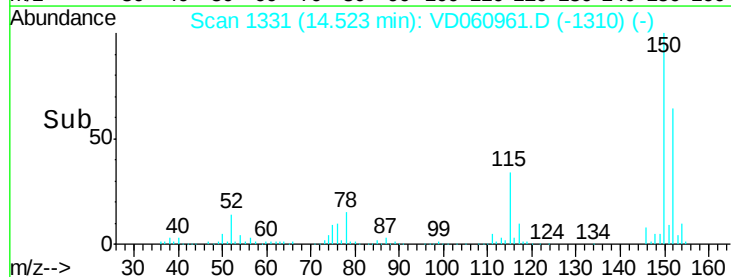
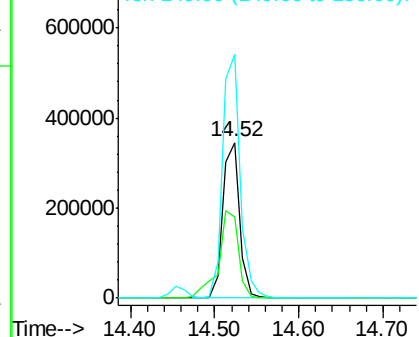


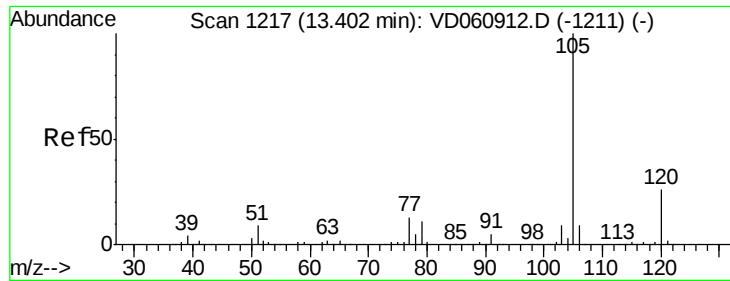
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.52 min Scan# 1331  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion:152 Resp: 477076  
Ion Ratio Lower Upper  
152 100  
115 52.5 27.6 82.8  
150 156.4 0.0 312.8



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: 20.097 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

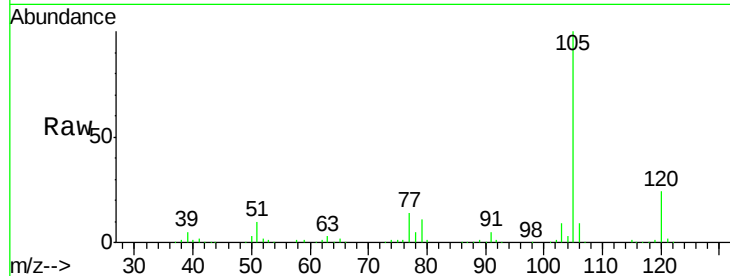
VD0306SBS01

Tot Ion:105 Resp: 740772

Ion Ratio Lower Upper

105 100

120 24.2 12.9 38.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.40

500000

400000

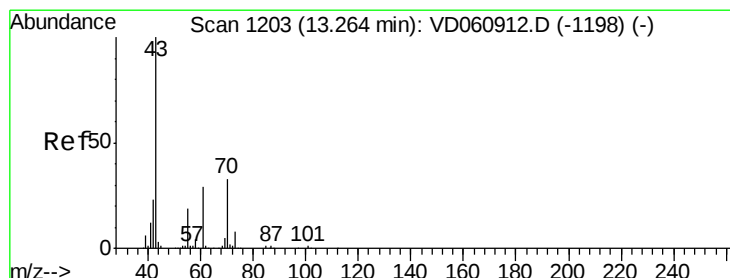
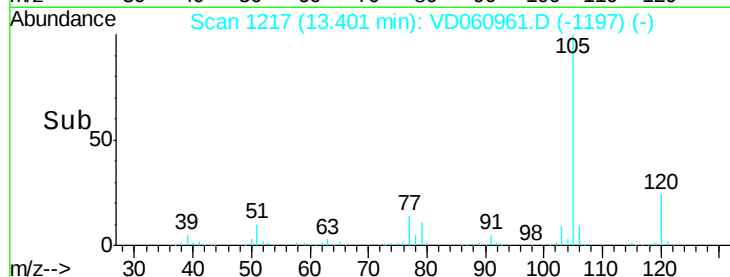
300000

200000

100000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 19.532 ug/l

RT: 13.26 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Tgt Ion: 43 Resp: 215064

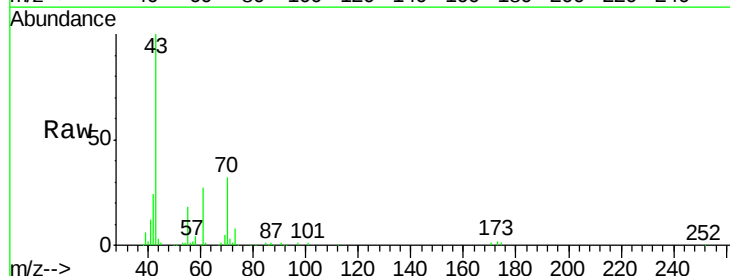
Ion Ratio Lower Upper

43 100

70 31.8 26.3 39.5

55 18.5 15.4 23.2

61 27.1 23.4 35.0



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

13.26

250000

200000

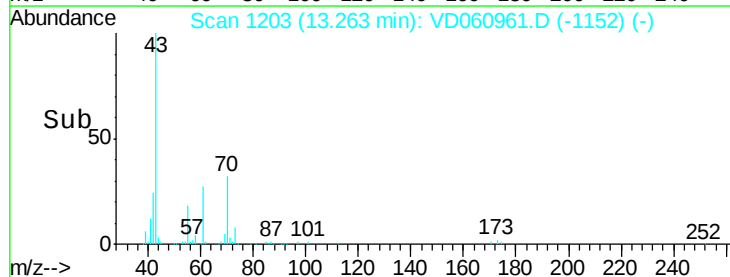
150000

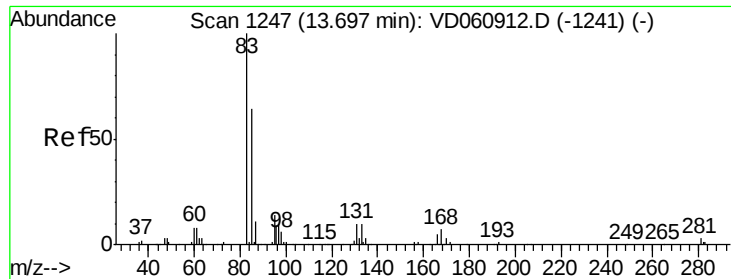
100000

50000

0

Time--> 13.20 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 18.123 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0306SBS01

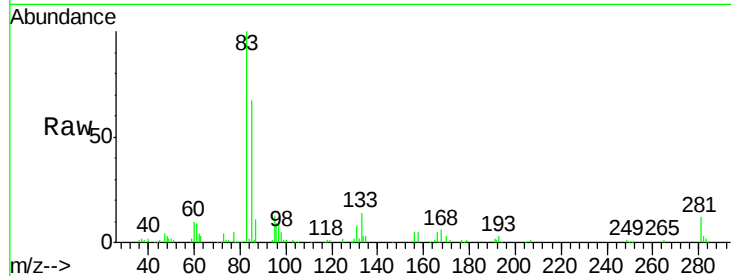
Tot Ion: 83 Resp: 138546

Ion Ratio Lower Upper

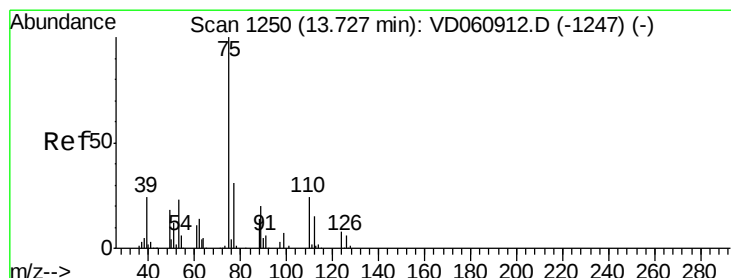
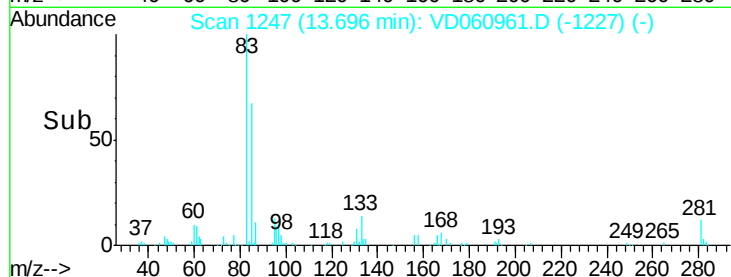
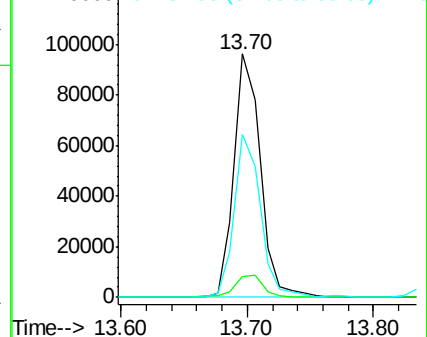
83 100

131 8.4 5.1 15.2

85 66.7 32.3 96.8



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: 18.822 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.01 min

Lab File: VD060961.D

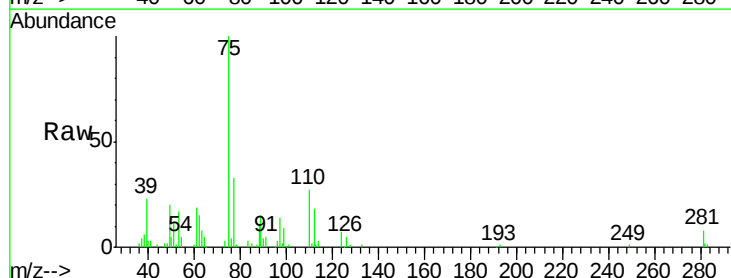
Acq: 6 Mar 2019 13:19

Tgt Ion: 75 Resp: 145493

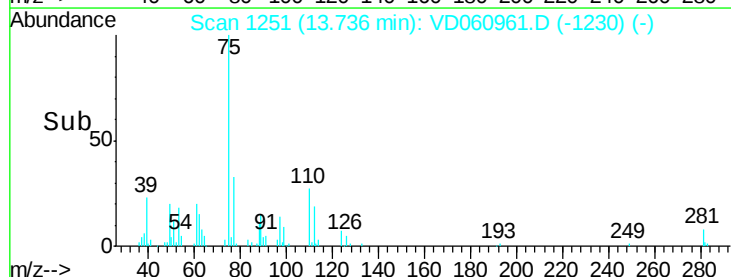
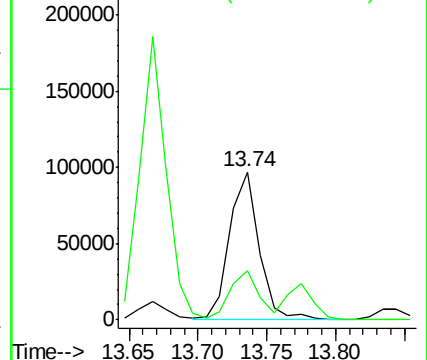
Ion Ratio Lower Upper

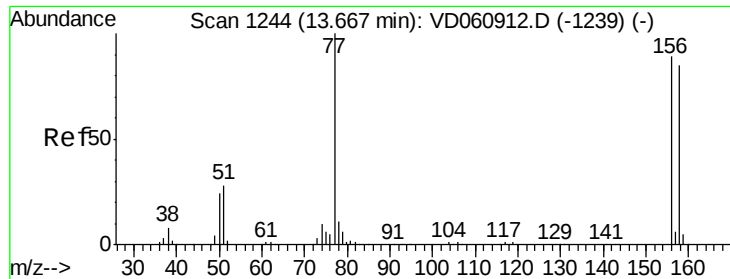
75 100

77 32.8 16.2 48.6



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 20.019 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0306SBS01

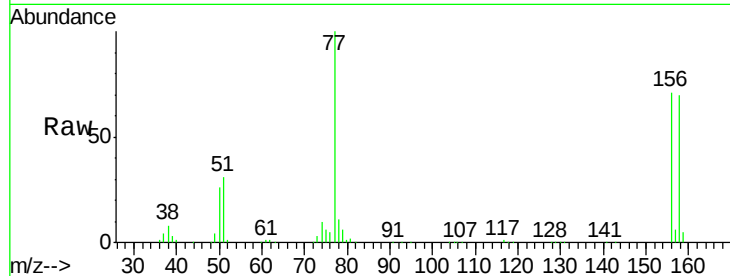
Tot Ion:156 Resp: 192875

Ion Ratio Lower Upper

156 100

77 140.0 56.4 169.2

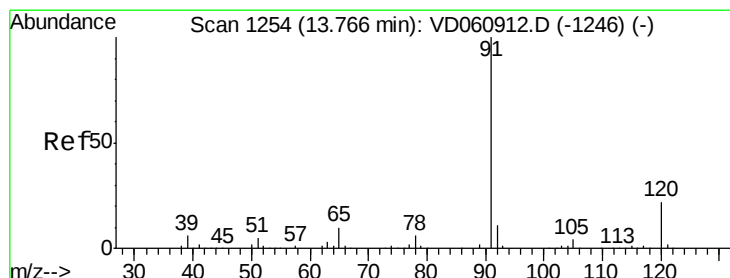
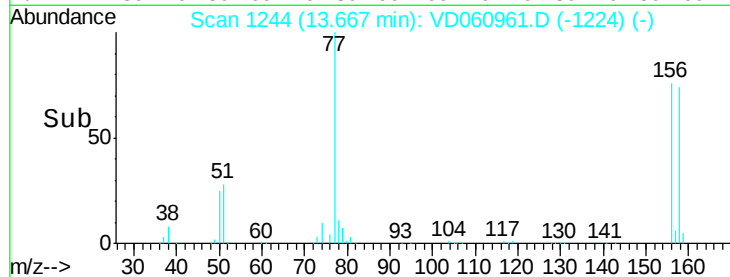
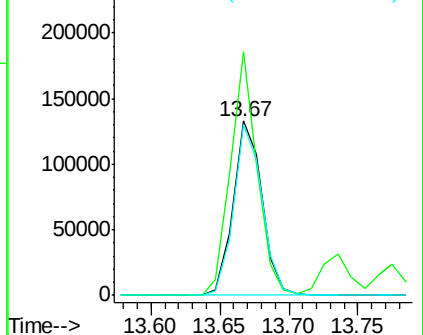
158 98.2 48.0 144.2



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 21.926 ug/l

RT: 13.77 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD060961.D

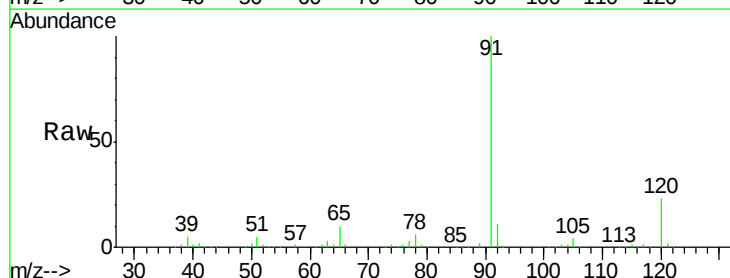
Acq: 6 Mar 2019 13:19

Tgt Ion: 91 Resp: 929829

Ion Ratio Lower Upper

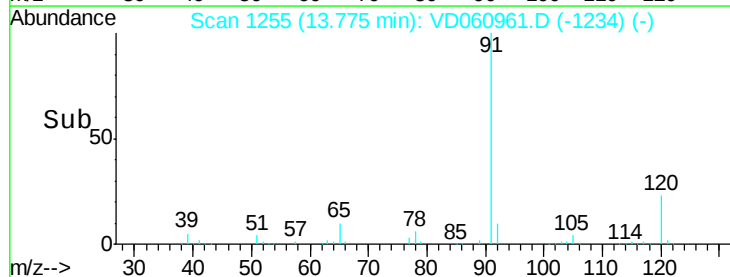
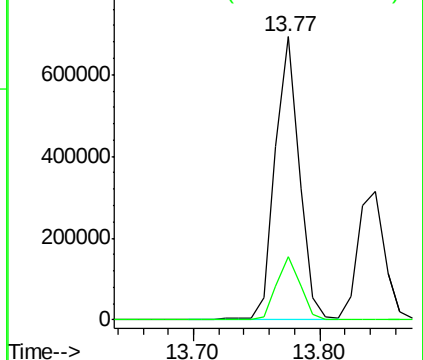
91 100

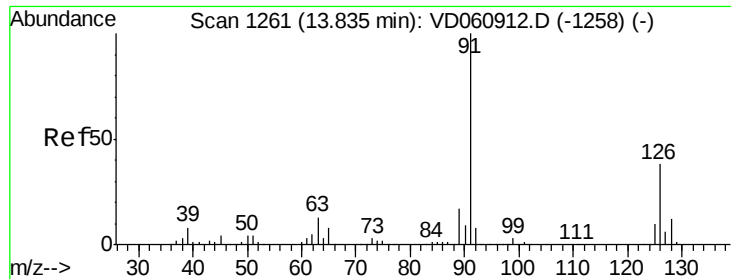
120 22.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 19.174 ug/l

RT: 13.84 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

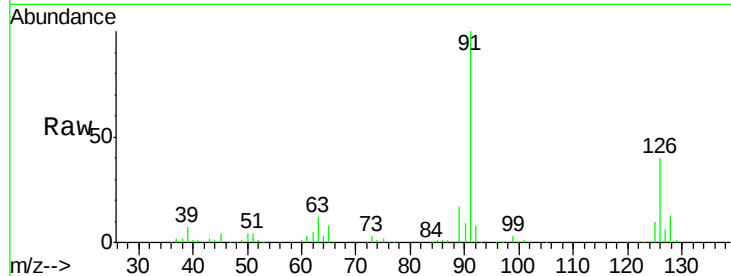
VD0306SBS01

Tot Ion: 91 Resp: 464380

Ion Ratio Lower Upper

91 100

126 39.5 18.8 56.3



Abundance Ion 91.00 (90.70 to 91.70): VD060912.D (-1258) (-)

Ion 125.95 (125.65 to 126.65): VD060912.D (-1258) (-)

800000

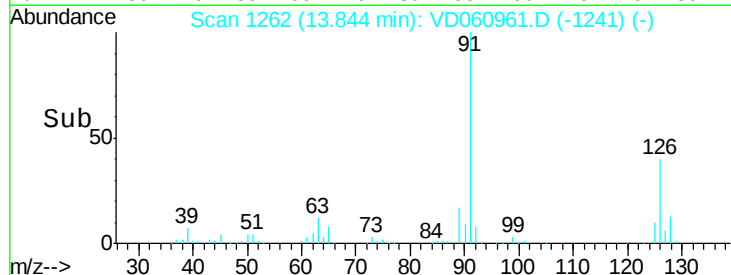
600000

400000

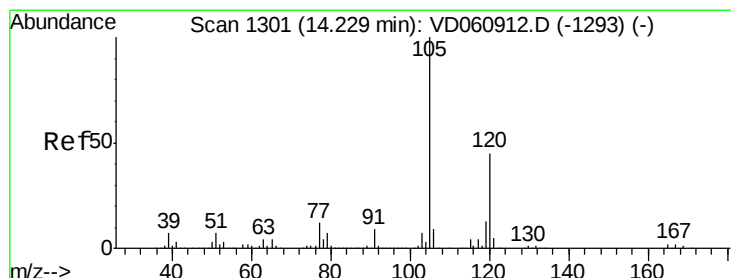
200000

0

13.80 13.85 13.90



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.941 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VD060961.D

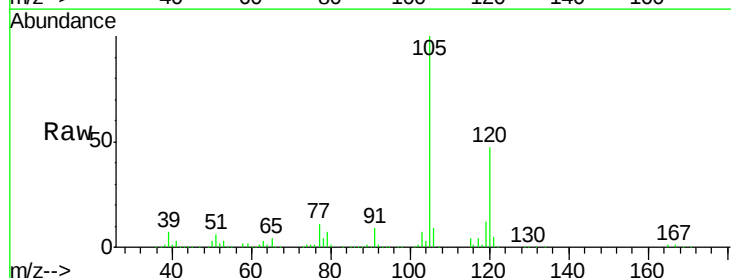
Acq: 6 Mar 2019 13:19

Tgt Ion:105 Resp: 585371

Ion Ratio Lower Upper

105 100

120 46.8 22.7 68.1



Abundance Ion 105.05 (104.75 to 105.75): VD060912.D (-1293) (-)

Ion 120.05 (119.75 to 120.75): VD060912.D (-1293) (-)

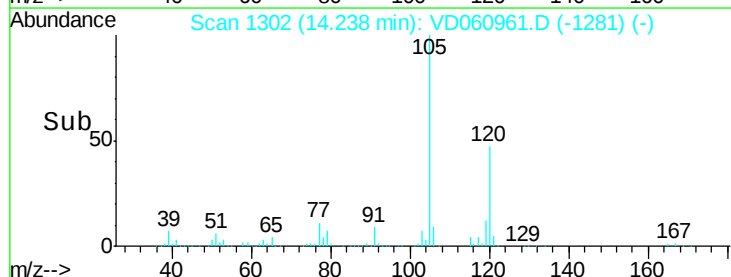
600000

400000

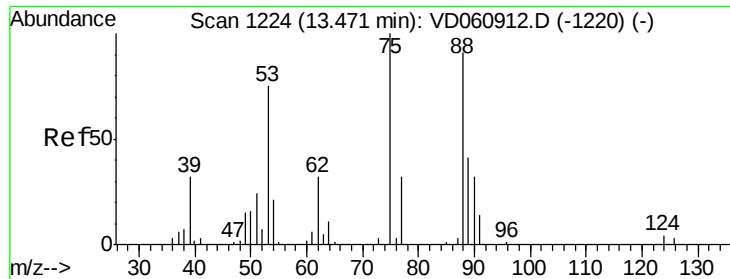
200000

0

14.10 14.20 14.30



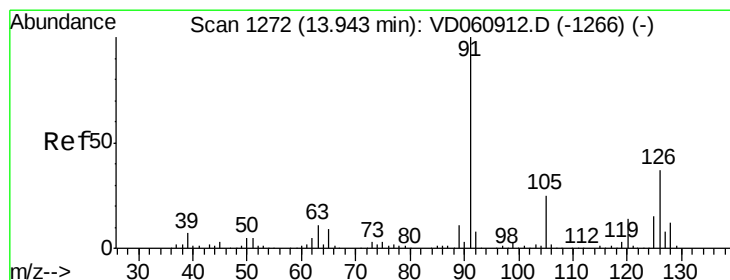
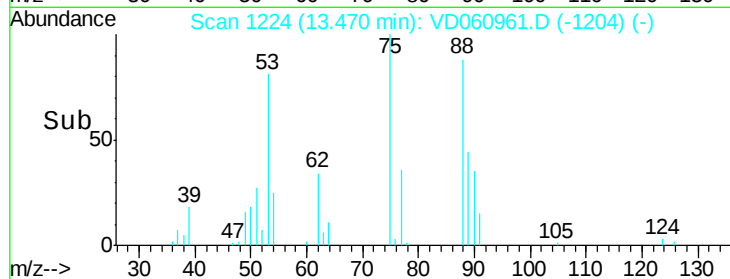
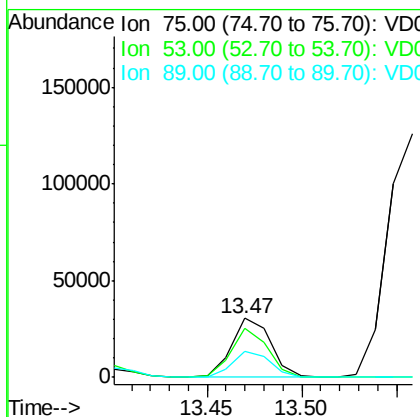
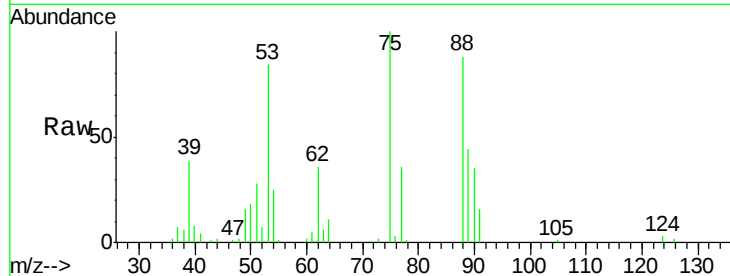
Time-->



#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.148 ug/l  
RT: 13.47 min Scan# 1224  
Delta R.T. -0.00 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

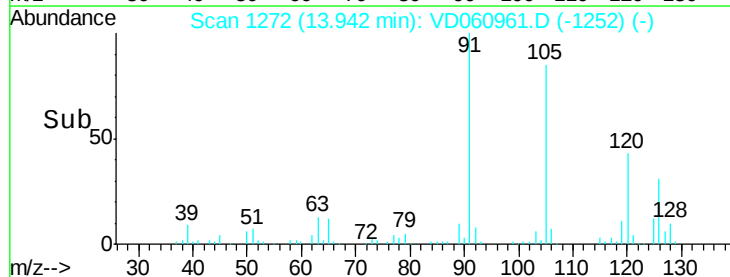
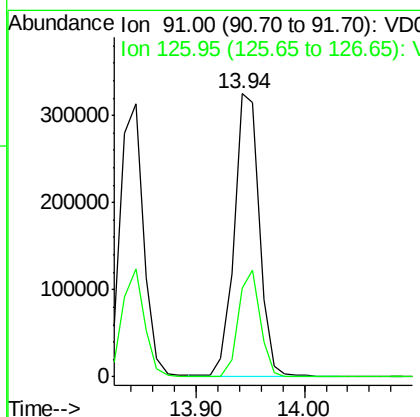
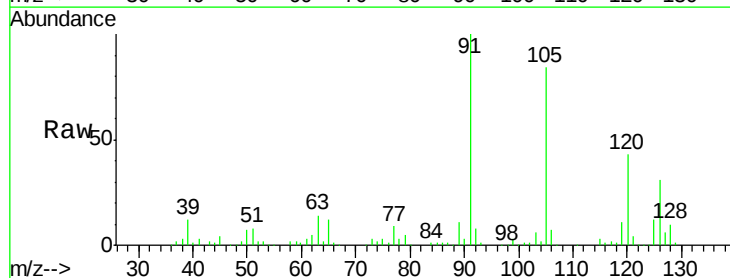
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

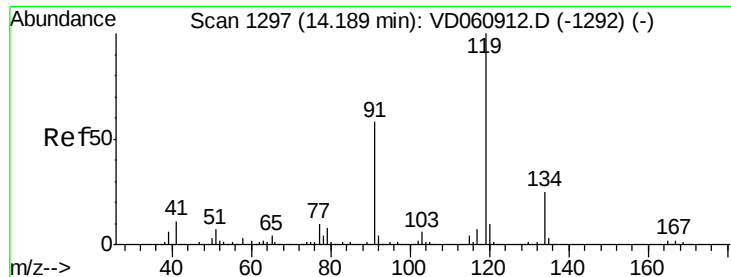
Tot Ion: 75 Resp: 43804  
Ion Ratio Lower Upper  
75 100  
53 83.8 59.8 89.6  
89 43.9 33.0 49.6



#82  
4-Chlorotoluene  
Concen: 19.687 ug/l  
RT: 13.94 min Scan# 1272  
Delta R.T. -0.00 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion: 91 Resp: 522968  
Ion Ratio Lower Upper  
91 100  
126 31.2 18.4 55.2

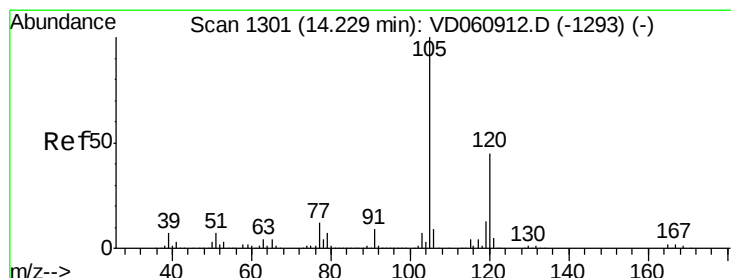
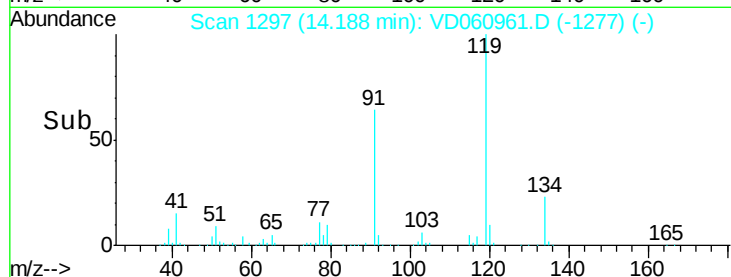
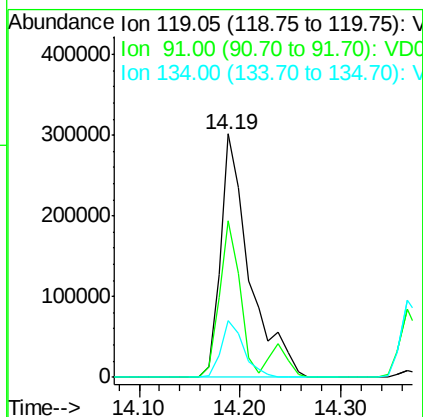
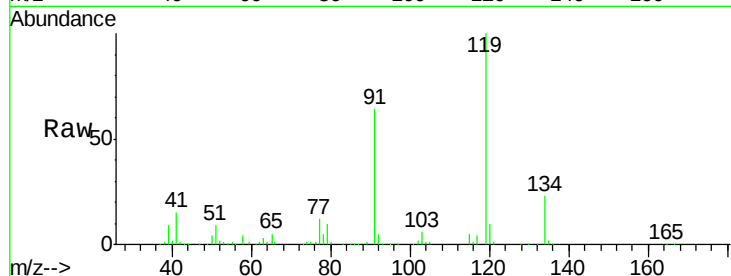




#83  
 tert-Butylbenzene  
 Concen: 18.875 ug/l  
 RT: 14.19 min Scan# 1297  
 Delta R.T. -0.00 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

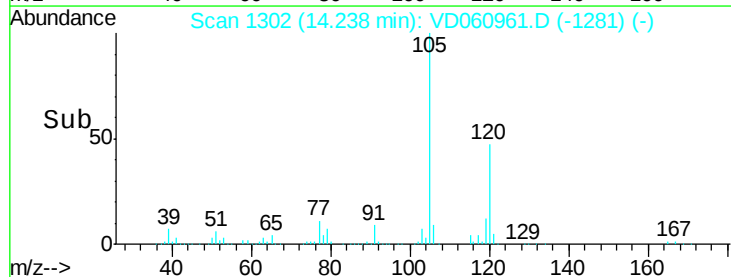
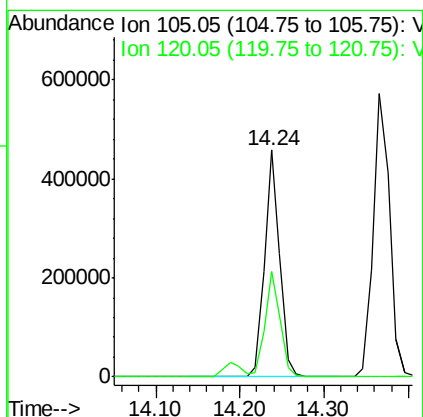
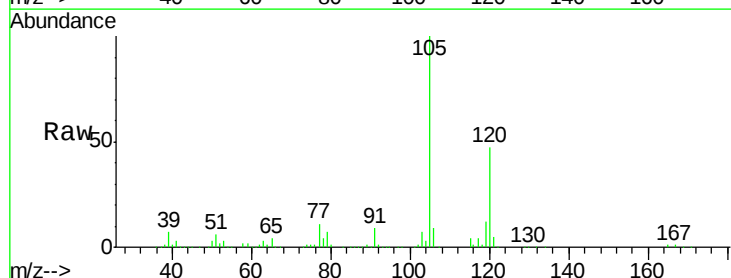
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0306SBS01

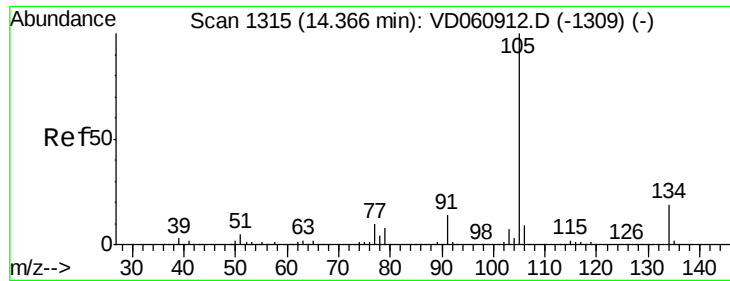
Tot Ion:119 Resp: 604109  
 Ion Ratio Lower Upper  
 119 100  
 91 64.4 28.8 86.5  
 134 23.3 12.6 37.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.941 ug/l  
 RT: 14.24 min Scan# 1302  
 Delta R.T. 0.01 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

Tgt Ion:105 Resp: 585371  
 Ion Ratio Lower Upper  
 105 100  
 120 46.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.723 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

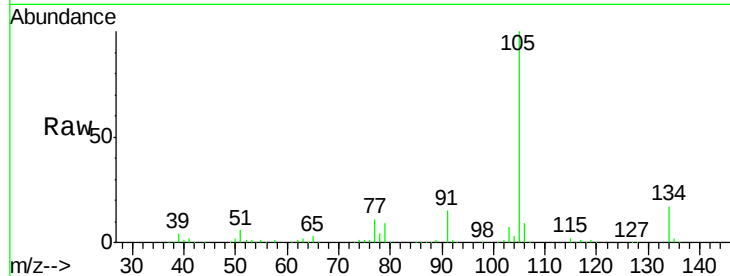
VD0306SBS01

Tot Ion:105 Resp: 768890

Ion Ratio Lower Upper

105 100

134 16.7 9.7 28.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

14.37

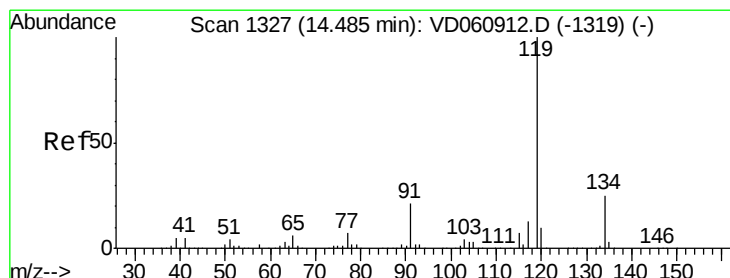
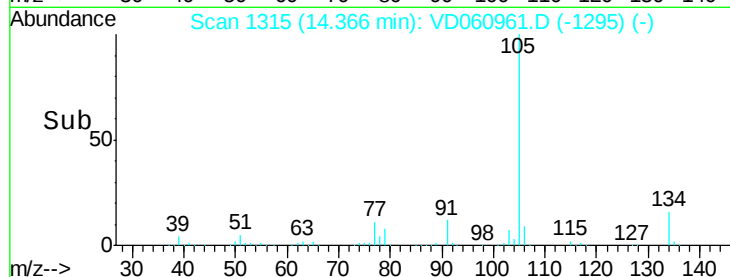
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.330 ug/l

RT: 14.49 min Scan# 1328

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

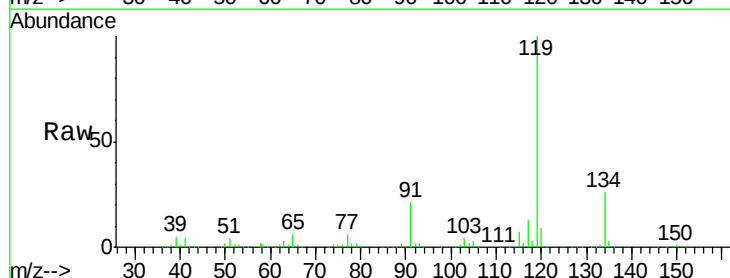
Tgt Ion:119 Resp: 644620

Ion Ratio Lower Upper

119 100

134 25.6 12.4 37.0

91 20.6 10.8 32.3



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

14.49

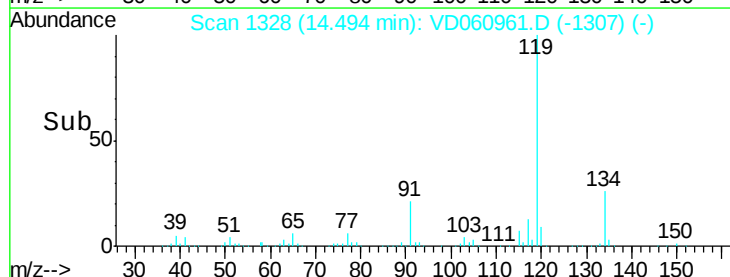
600000

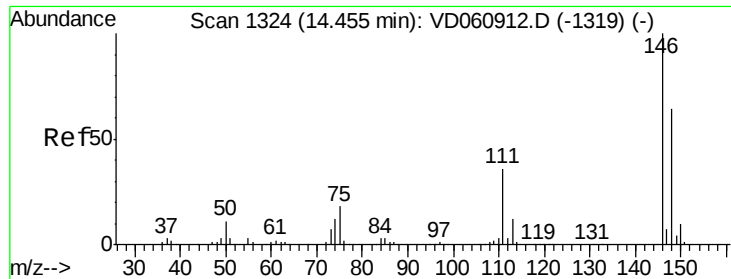
400000

200000

0

Time-->

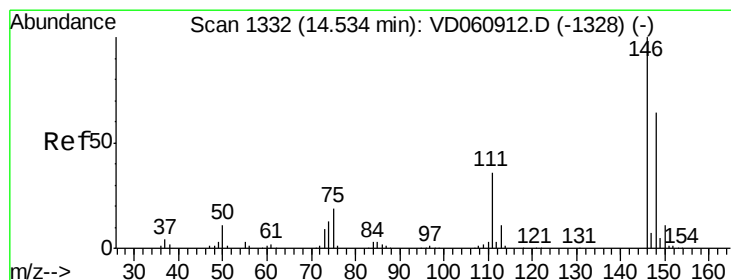
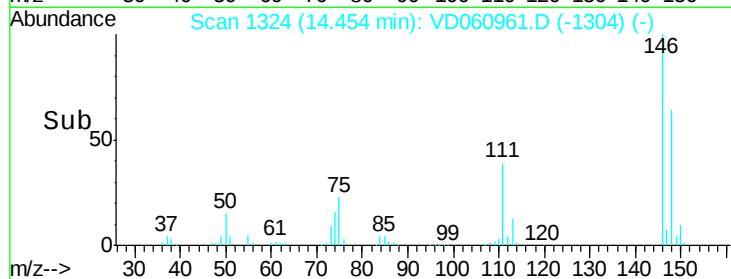
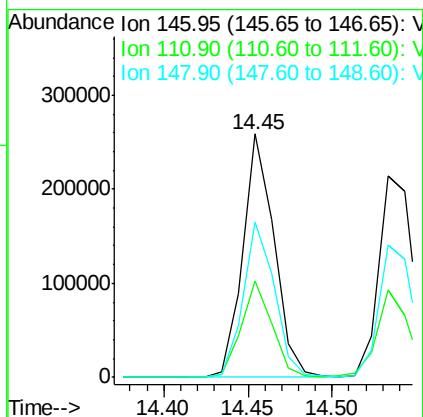
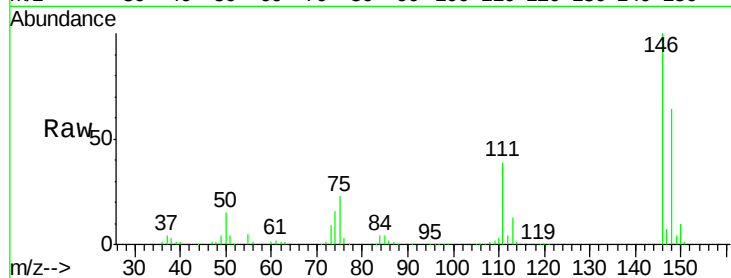




#87  
 1,3-Dichlorobenzene  
 Concen: 20.360 ug/l  
 RT: 14.45 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

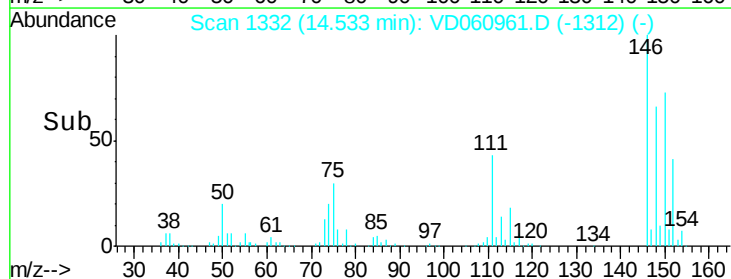
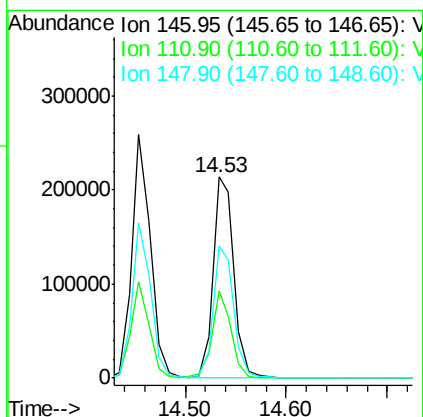
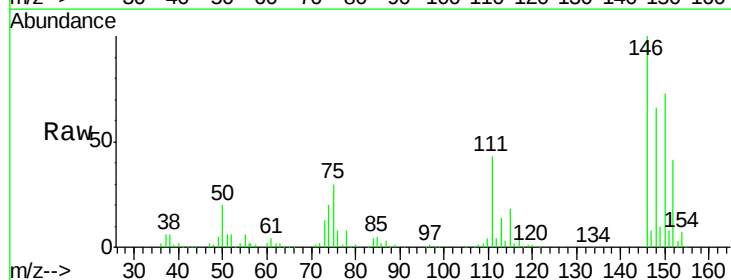
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0306SBS01

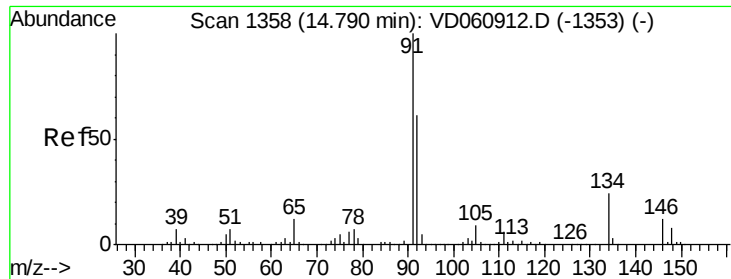
Tot Ion:146 Resp: 333256  
 Ion Ratio Lower Upper  
 146 100  
 111 39.5 18.1 54.1  
 148 63.8 32.1 96.3



#88  
 1,4-Dichlorobenzene  
 Concen: 19.021 ug/l  
 RT: 14.53 min Scan# 1332  
 Delta R.T. -0.00 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

Tgt Ion:146 Resp: 309182  
 Ion Ratio Lower Upper  
 146 100  
 111 43.2 17.9 53.8  
 148 65.6 32.0 96.0

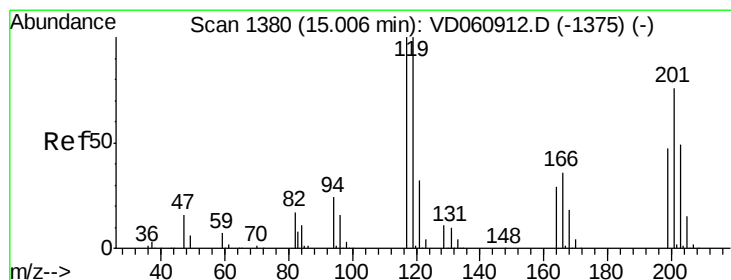
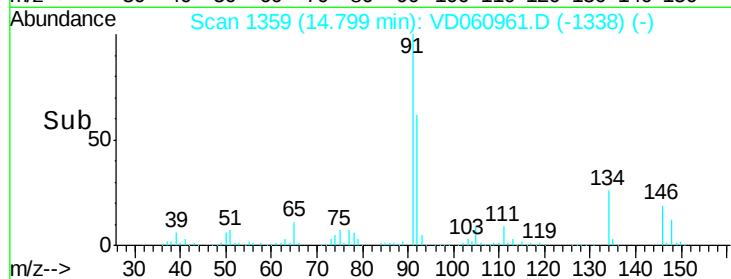
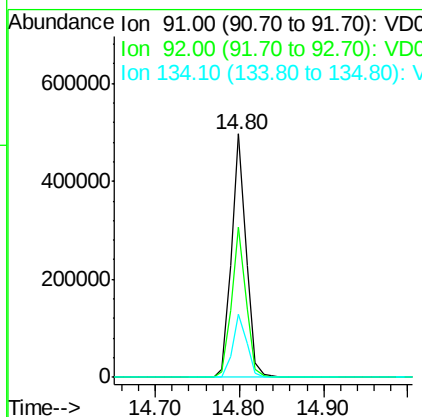
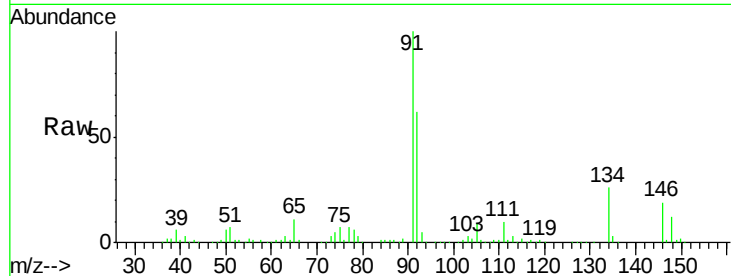




#89  
n-Butylbenzene  
Concen: 19.981 ug/l  
RT: 14.80 min Scan# 1359  
Delta R.T. 0.01 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

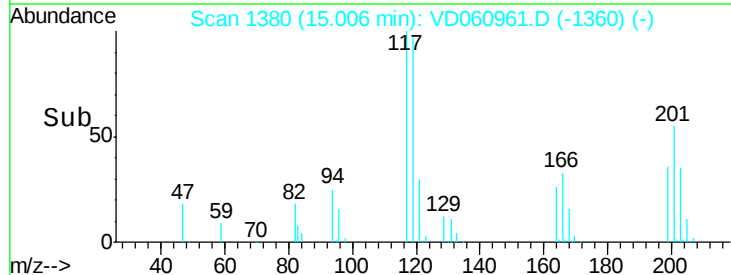
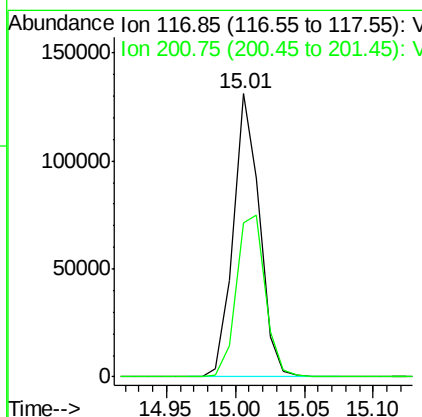
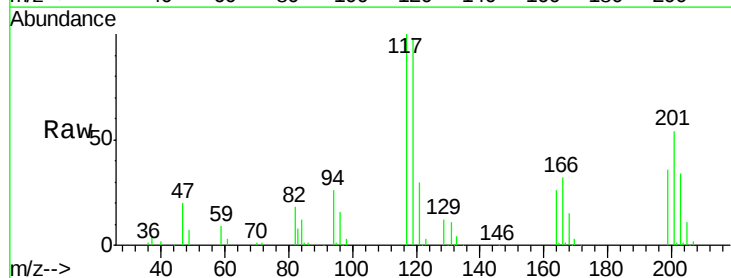
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0306SBS01

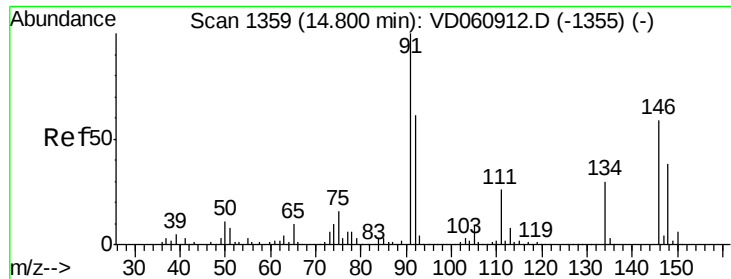
Tot Ion: 91 Resp: 598255  
Ion Ratio Lower Upper  
91 100  
92 61.7 30.6 91.6  
134 25.9 12.0 36.0



#90  
Hexachloroethane  
Concen: 19.963 ug/l  
RT: 15.01 min Scan# 1380  
Delta R.T. -0.00 min  
Lab File: VD060961.D  
Acq: 6 Mar 2019 13:19

Tgt Ion: 117 Resp: 173986  
Ion Ratio Lower Upper  
117 100  
201 54.3 37.8 113.4

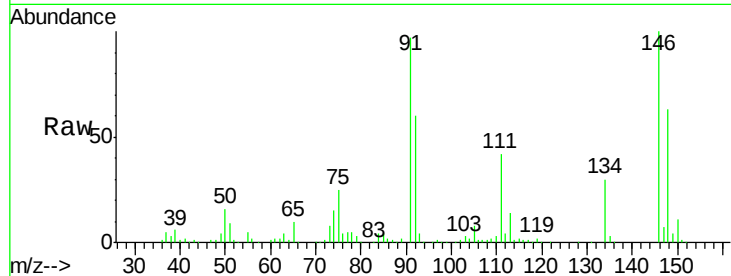




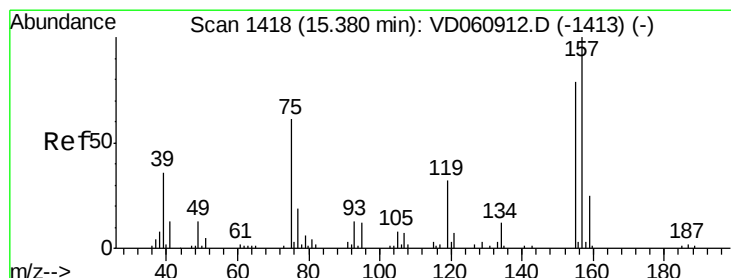
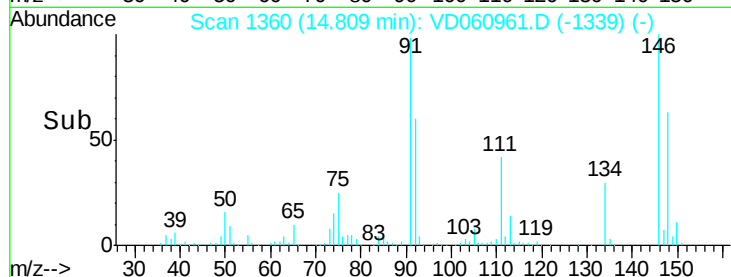
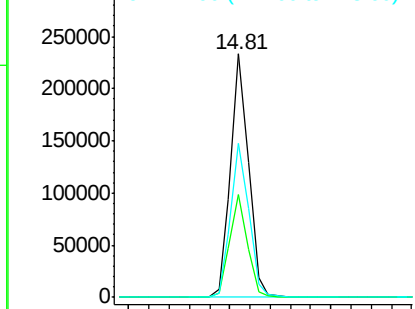
#91  
 1,2-Dichlorobenzene  
 Concen: 20.420 ug/l  
 RT: 14.81 min Scan# 1360  
 Delta R.T. 0.01 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0306SBS01

Tot Ion:146 Resp: 289598  
 Ion Ratio Lower Upper  
 146 100  
 111 42.1 22.1 66.3  
 148 63.4 32.1 96.5

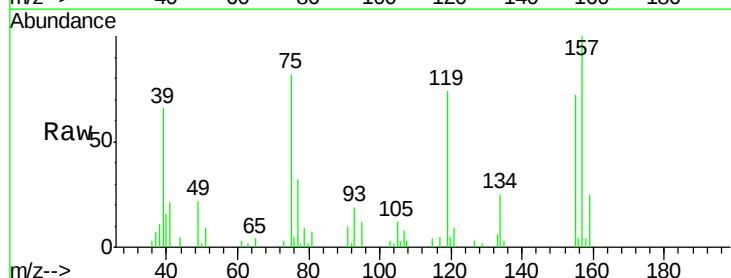


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

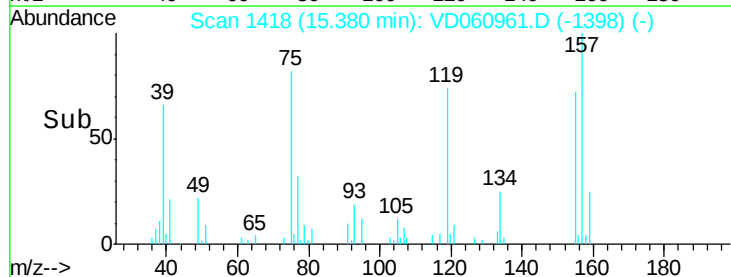
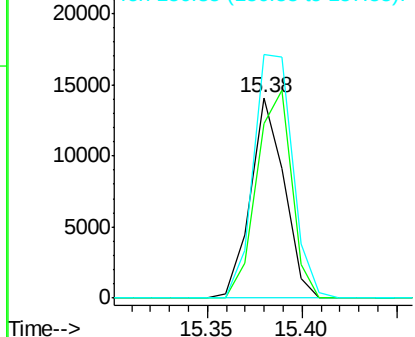


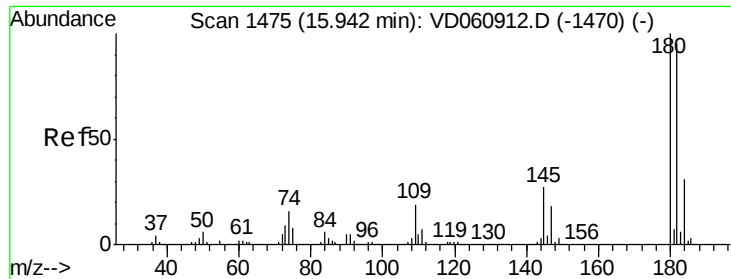
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.368 ug/l  
 RT: 15.38 min Scan# 1418  
 Delta R.T. -0.00 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

Tgt Ion: 75 Resp: 17325  
 Ion Ratio Lower Upper  
 75 100  
 155 87.3 65.0 195.0  
 157 121.7 81.8 245.3



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

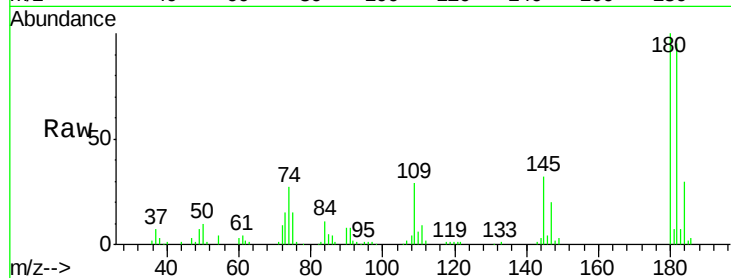




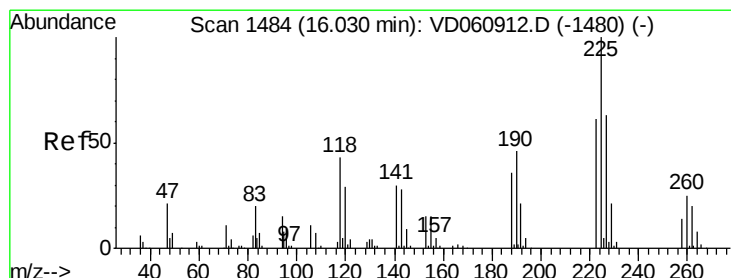
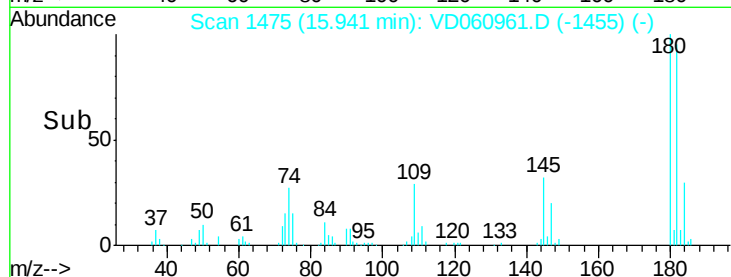
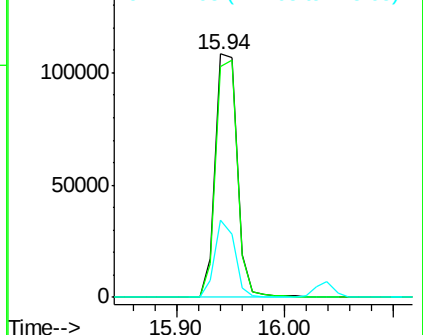
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.467 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. -0.00 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0306SBS01

Tot Ion:180 Resp: 152069  
 Ion Ratio Lower Upper  
 180 100  
 182 94.6 47.5 142.6  
 145 31.8 13.5 40.5

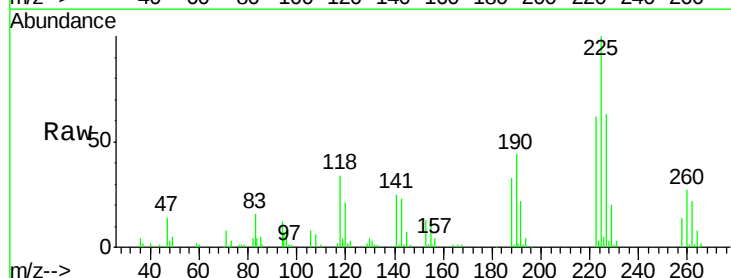


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

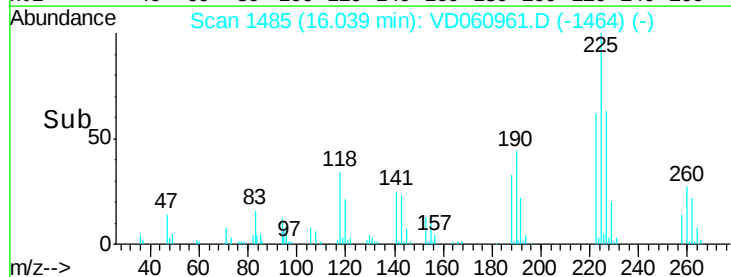
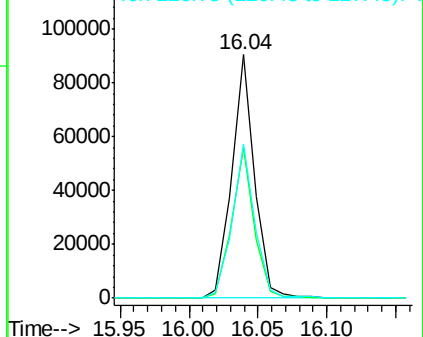


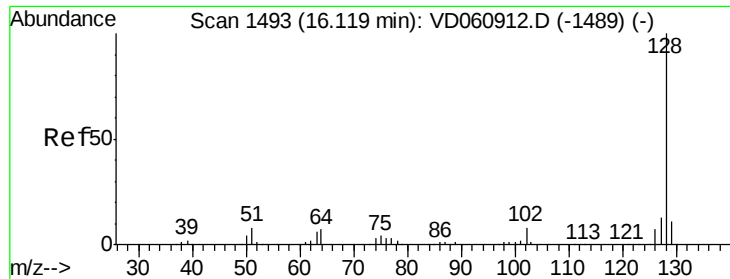
#94  
 Hexachlorobutadiene  
 Concen: 19.639 ug/l  
 RT: 16.04 min Scan# 1485  
 Delta R.T. 0.01 min  
 Lab File: VD060961.D  
 Acq: 6 Mar 2019 13:19

Tgt Ion:225 Resp: 103802  
 Ion Ratio Lower Upper  
 225 100  
 223 61.8 30.4 91.3  
 227 63.4 31.4 94.2



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: 17.744 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Instrument :

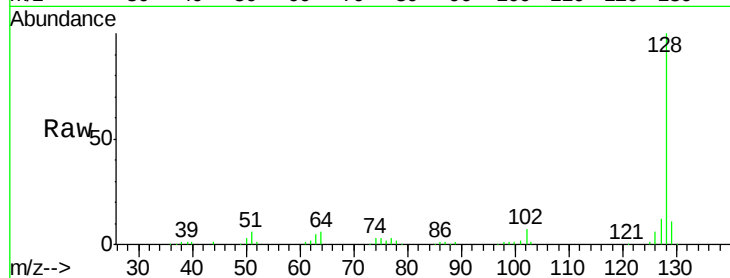
MSVOA\_D

ClientSampleId :

VD0306SBS01

Tot Ion:128 Resp: 227540

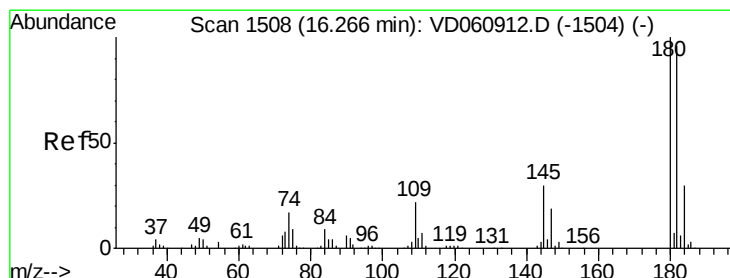
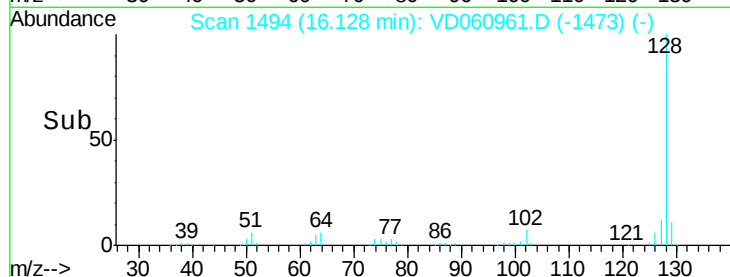
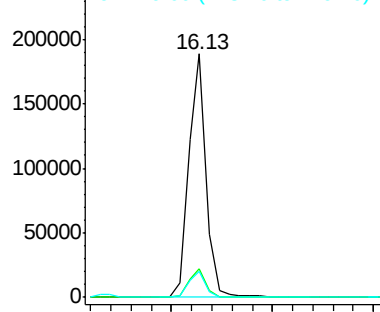
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 11.8  | 10.1  | 15.1  |
| 129 | 10.9  | 8.7   | 13.1  |



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: 17.105 ug/l

RT: 16.28 min Scan# 1509

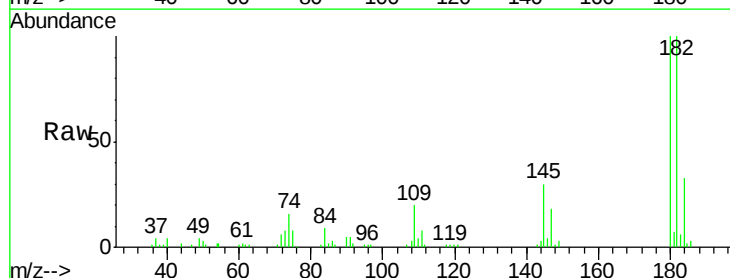
Delta R.T. 0.01 min

Lab File: VD060961.D

Acq: 6 Mar 2019 13:19

Tgt Ion:180 Resp: 79101

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 100.2 | 48.1  | 144.4 |
| 145 | 30.5  | 14.8  | 44.4  |



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

