

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060618\  
 Data File : VD057961.D  
 Acq On : 6 Jun 2018 19:46  
 Operator : JC/SY  
 Sample : VSTDIC075  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Quant Time: Jun 07 08:22:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060618S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 07 08:19:01 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 953296   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.69  | 114  | 1291475  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.69 | 117  | 1036581  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.90 | 152  | 515909   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.02  | 65   | 635419   | 66.67 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 133.34% |          |
| 35) Dibromofluoromethane    | 5.56  | 113  | 660746   | 66.13 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 132.26% |          |
| 50) Toluene-d8              | 8.71  | 98   | 1469977  | 61.88 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 123.76% |          |
| 62) 4-Bromofluorobenzene    | 11.93 | 95   | 649346   | 62.66 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 125.32% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.35 | 85   | 807467   | 63.11  | ug/l  | 98     |
| 3) Chloromethane              | 1.49 | 50   | 398982   | 63.32  | ug/l  | 98     |
| 4) Vinyl Chloride             | 1.56 | 62   | 410347   | 67.28  | ug/l  | 98     |
| 5) Bromomethane               | 1.81 | 94   | 163035   | 68.20  | ug/l  | 94     |
| 6) Chloroethane               | 1.89 | 64   | 162451   | 67.51  | ug/l  | 94     |
| 7) Trichlorofluoromethane     | 2.09 | 101  | 545825   | 65.46  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.35 | 74   | 107380   | 69.33  | ug/l  | 86     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.57 | 101  | 328289   | 66.01  | ug/l  | 96     |
| 10) Methyl Iodide             | 2.71 | 142  | 474203   | 73.90  | ug/l  | 92     |
| 11) Tert butyl alcohol        | 3.27 | 59   | 102154   | 400.12 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.56 | 96   | 253891   | 66.41  | ug/l  | 98     |
| 13) Acrolein                  | 2.48 | 56   | 125889   | 344.30 | ug/l  | 97     |
| 14) Allyl chloride            | 2.93 | 41   | 588114   | 66.68  | ug/l  | 97     |
| 15) Acrylonitrile             | 3.37 | 53   | 513349   | 343.70 | ug/l  | 97     |
| 16) Acetone                   | 2.63 | 43   | 487439   | 354.99 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.76 | 76   | 959600   | 69.28  | ug/l  | 98     |
| 18) Methyl Acetate            | 2.94 | 43   | 168152   | 63.30  | ug/l  | 94     |
| 19) Methyl tert-butyl Ether   | 3.41 | 73   | 1159451  | 68.92  | ug/l  | 99     |
| 20) Methylene Chloride        | 3.08 | 84   | 268110   | 57.13  | ug/l  | 96     |
| 21) trans-1,2-Dichloroethene  | 3.39 | 96   | 557738   | 65.49  | ug/l  | 97     |
| 22) Diisopropyl ether         | 4.08 | 45   | 2287526  | 65.47  | ug/l  | 99     |
| 23) Vinyl Acetate             | 4.02 | 43   | 6293311  | 348.60 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.98 | 63   | 1252203  | 65.21  | ug/l  | 99     |
| 25) 2-Butanone                | 4.84 | 43   | 1074509  | 344.33 | ug/l  | 96     |
| 26) 2,2-Dichloropropane       | 4.81 | 77   | 1035266  | 65.44  | ug/l  | 97     |
| 27) cis-1,2-Dichloroethene    | 4.81 | 96   | 653337   | 64.69  | ug/l  | 99     |
| 28) Bromochloromethane        | 5.16 | 49   | 607631   | 73.11  | ug/l  | 98     |
| 29) Tetrahydrofuran           | 5.20 | 42   | 566670   | 346.42 | ug/l  | 97     |
| 30) Chloroform                | 5.33 | 83   | 1318318  | 68.21  | ug/l  | 98     |
| 31) Cyclohexane               | 5.60 | 56   | 1029592  | 62.13  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.52 | 97   | 1131075  | 69.90  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.76 | 75   | 891119   | 62.63  | ug/l  | 96     |
| 37) Ethyl Acetate             | 4.93 | 43   | 523504   | 67.43  | ug/l  | 96     |
| 38) Carbon Tetrachloride      | 5.74 | 117  | 951681   | 67.87  | ug/l  | 99     |

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 Data File : VD057961.D  
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 Operator : JC/SY  
 Sample : VSTDIC075  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Quant Time: Jun 07 08:22:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060618S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 07 08:19:01 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.28  | 83   | 916251   | 64.96   | ug/l   | 98       |
| 40) Benzene                    | 6.02  | 78   | 2108283  | 63.43   | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.13  | 41   | 248791   | 70.08   | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.13  | 62   | 900371   | 67.00   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 7.62  | 43   | 695098   | 68.35   | ug/l # | 98       |
| 44) Trichloroethene            | 6.99  | 130  | 660372   | 68.02   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.35  | 63   | 613584   | 66.42   | ug/l   | 97       |
| 46) Dibromomethane             | 7.46  | 93   | 404910   | 68.23   | ug/l   | 90       |
| 47) Bromodichloromethane       | 7.75  | 83   | 956436   | 68.83   | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.51  | 41   | 434235   | 69.38   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.50  | 88   | 72300    | 1394.34 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 8.60  | 43   | 2205574  | 338.14  | ug/l   | 99       |
| 52) Toluene                    | 8.81  | 92   | 1202736  | 63.05   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.19  | 75   | 821365   | 68.61   | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 8.37  | 75   | 961646   | 68.18   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 9.46  | 97   | 414770   | 67.18   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.32  | 69   | 511343   | 67.52   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.67  | 76   | 728455   | 67.27   | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 8.20  | 63   | 1233326  | 322.34  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.79  | 43   | 1599690  | 334.65  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.96  | 129  | 624283   | 71.71   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.10 | 107  | 496362   | 69.91   | ug/l   | 97       |
| 64) Tetrachloroethene          | 9.52  | 164  | 612591   | 66.10   | ug/l   | 99       |
| 65) Chlorobenzene              | 10.73 | 112  | 1332877  | 63.52   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.85 | 131  | 519461   | 64.43   | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.86 | 91   | 2270144  | 59.88   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.01 | 106  | 1529379  | 123.74  | ug/l   | 95       |
| 69) o-Xylene                   | 11.41 | 106  | 783388   | 63.86   | ug/l   | 97       |
| 70) Styrene                    | 11.44 | 104  | 1290103  | 63.52   | ug/l   | 98       |
| 71) Bromoform                  | 11.60 | 173  | 450019   | 74.20   | ug/l   | 98       |
| 73) Isopropylbenzene           | 11.77 | 105  | 2191500  | 64.13   | ug/l   | 100      |
| 74) N-amyl acetate             | 11.64 | 43   | 925074   | 70.16   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.08 | 83   | 497572   | 66.79   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.12 | 75   | 525010   | 67.75   | ug/l   | 97       |
| 77) Bromobenzene               | 12.04 | 156  | 651109   | 64.37   | ug/l   | 93       |
| 78) n-propylbenzene            | 12.16 | 91   | 2758686  | 62.04   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.21 | 91   | 1630604  | 64.28   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.32 | 105  | 1671353  | 51.03   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.84 | 75   | 146130   | 76.13   | ug/l   | 90       |
| 82) 4-Chlorotoluene            | 12.32 | 91   | 1659165  | 59.88   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.58 | 119  | 1893631  | 62.93   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 12.63 | 105  | 1851467  | 64.62   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 12.76 | 105  | 2274423  | 62.63   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.88 | 119  | 1883771  | 64.36   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.84 | 146  | 1098940  | 64.23   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.92 | 146  | 1095298  | 65.70   | ug/l   | 93       |
| 89) n-Butylbenzene             | 13.20 | 91   | 1788299  | 59.37   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.40 | 117  | 535737   | 71.71   | ug/l   | 66       |
| 91) 1,2-Dichlorobenzene        | 13.19 | 146  | 853304   | 61.71   | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.77 | 75   | 86845    | 75.53   | ug/l   | 86       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060618\  
Data File : VD057961.D  
Acq On : 6 Jun 2018 19:46  
Operator : JC/SY  
Sample : VSTDICC075  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 31 Sample Multiplier: 1

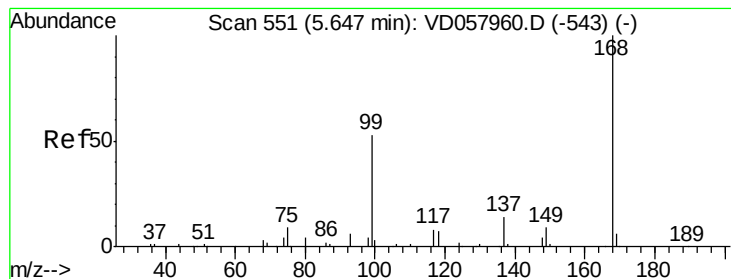
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC075

Quant Time: Jun 07 08:22:11 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060618S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 07 08:19:01 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.34 | 180  | 856116   | 66.27 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 14.43 | 225  | 693747   | 68.27 | ug/l  | 97       |
| 95) Naphthalene            | 14.52 | 128  | 1157790  | 69.51 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 736399   | 66.89 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

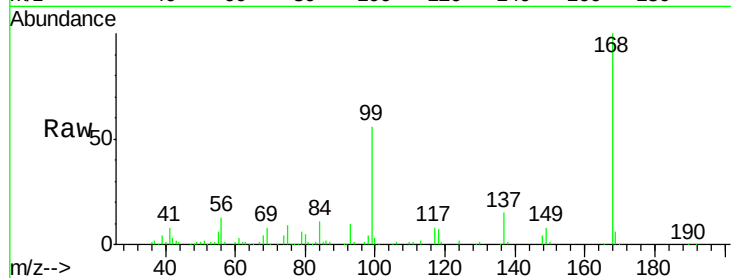
VSTDIC075

Tot Ion:168 Resp: 953296

Ion Ratio Lower Upper

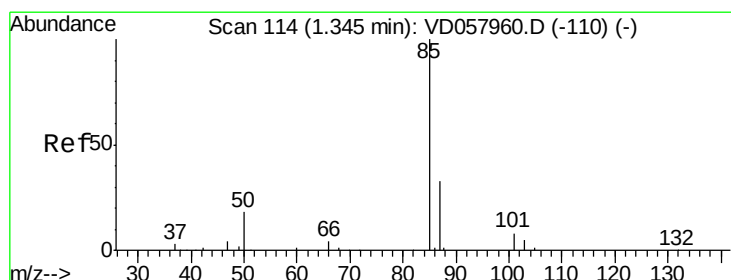
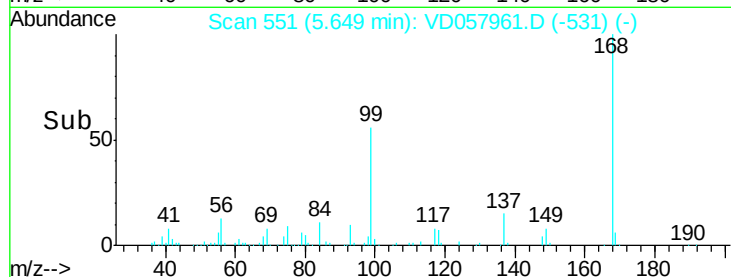
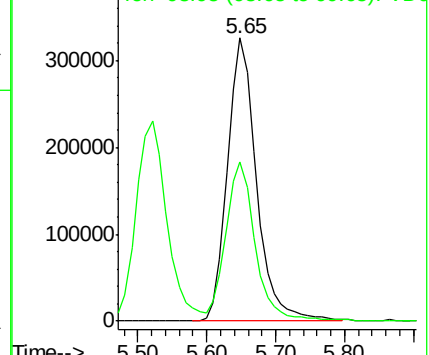
168 100

99 56.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 63.11 ug/l

RT: 1.35 min Scan# 114

Delta R.T. 0.00 min

Lab File: VD057961.D

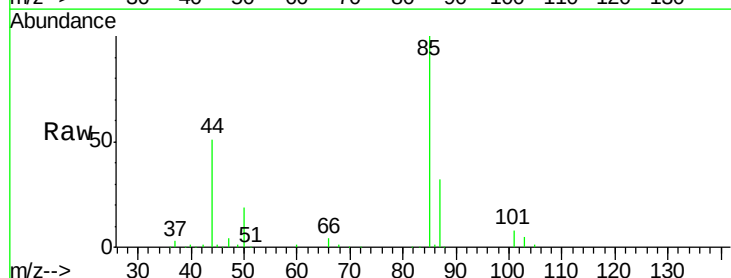
Acq: 6 Jun 2018 19:46

Tgt Ion: 85 Resp: 807467

Ion Ratio Lower Upper

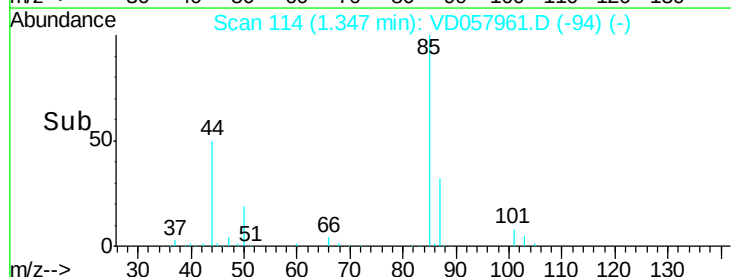
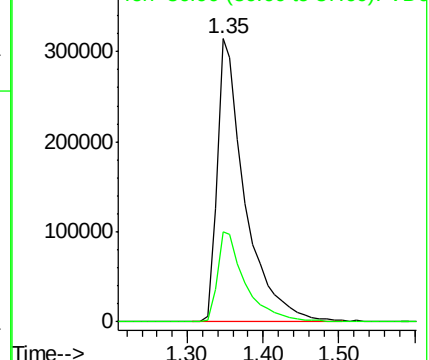
85 100

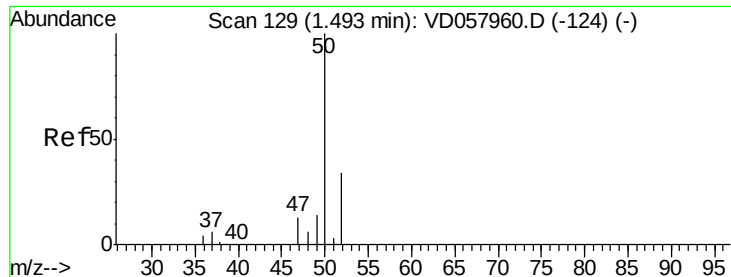
87 31.7 16.4 49.2



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 63.32 ug/l

RT: 1.49 min Scan# 129

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

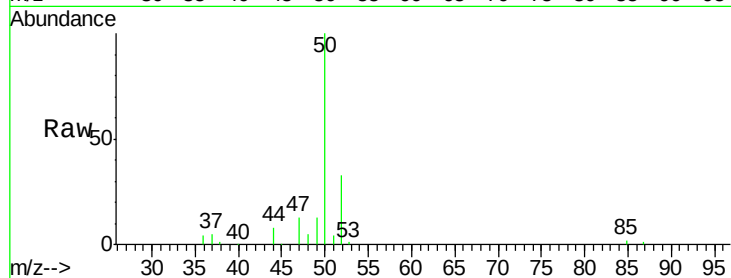
VSTDIC075

Tot Ion: 50 Resp: 398982

Ion Ratio Lower Upper

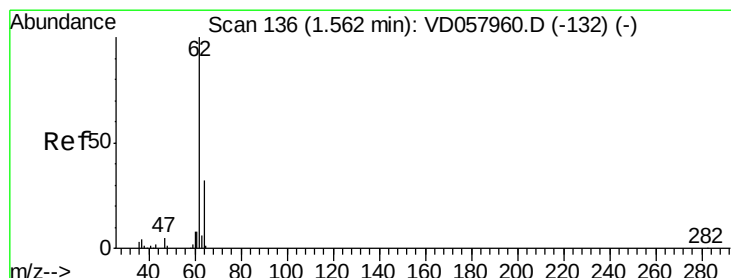
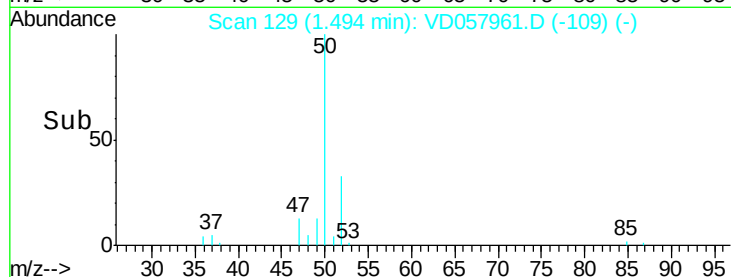
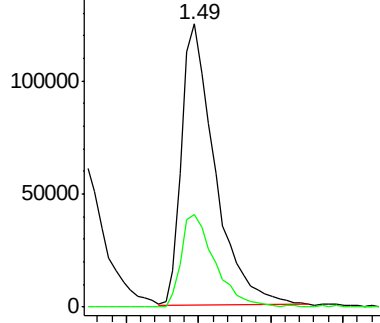
50 100

52 32.9 27.2 40.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 67.28 ug/l

RT: 1.56 min Scan# 136

Delta R.T. 0.00 min

Lab File: VD057961.D

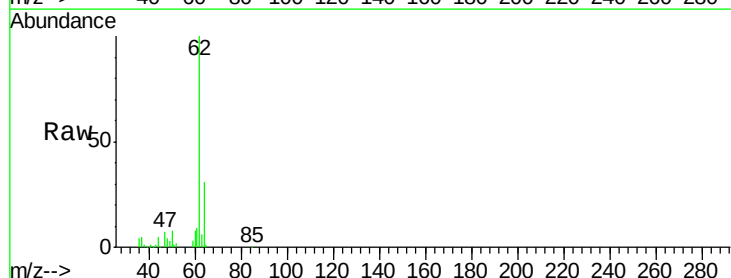
Acq: 6 Jun 2018 19:46

Tgt Ion: 62 Resp: 410347

Ion Ratio Lower Upper

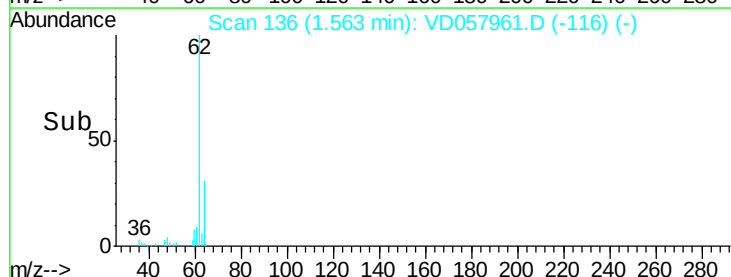
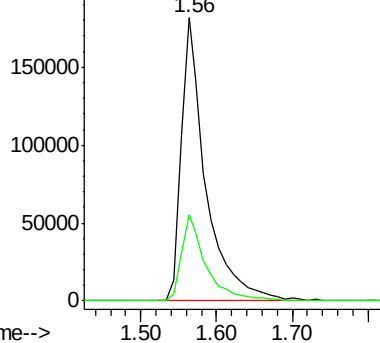
62 100

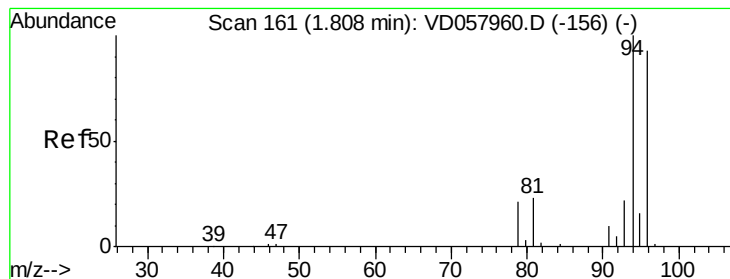
64 30.7 25.4 38.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 68.20 ug/l

RT: 1.81 min Scan# 161

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

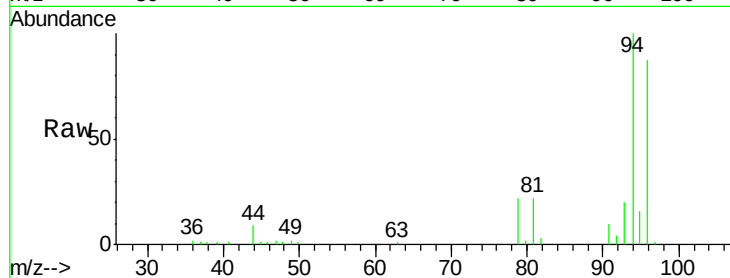
VSTDIC075

Tot Ion: 94 Resp: 163035

Ion Ratio Lower Upper

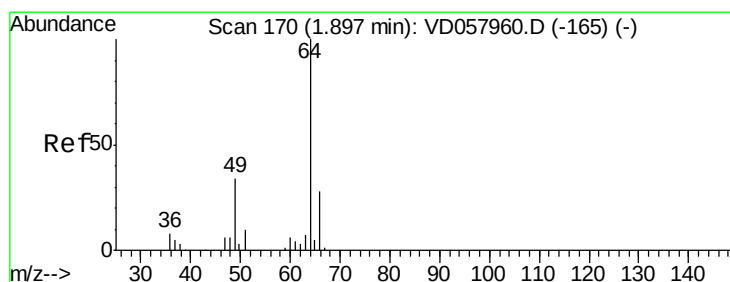
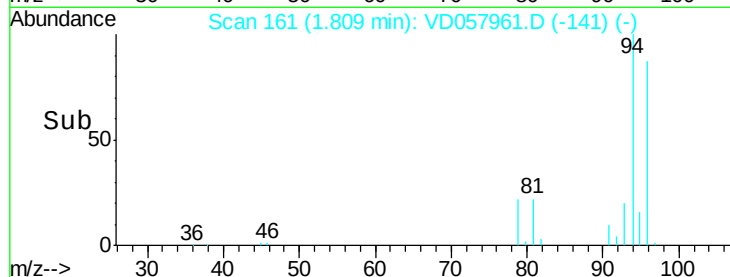
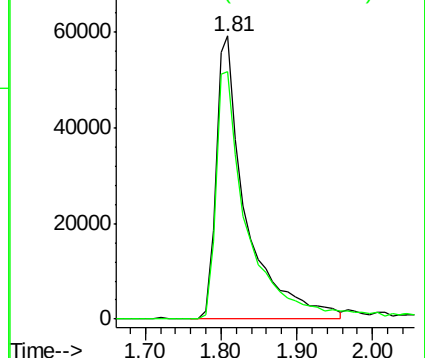
94 100

96 87.5 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 67.51 ug/l

RT: 1.89 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD057961.D

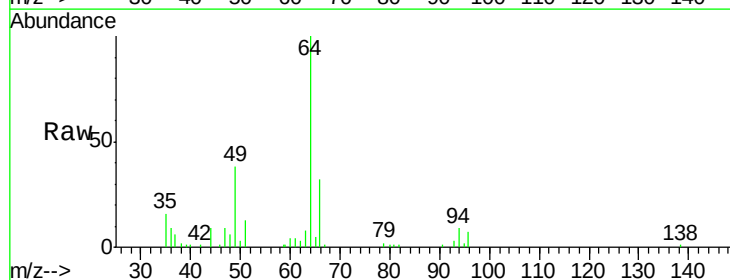
Acq: 6 Jun 2018 19:46

Tgt Ion: 64 Resp: 162451

Ion Ratio Lower Upper

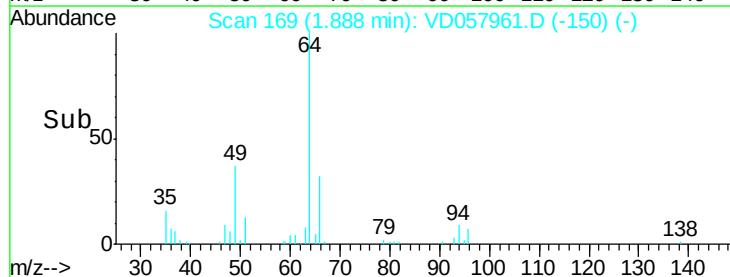
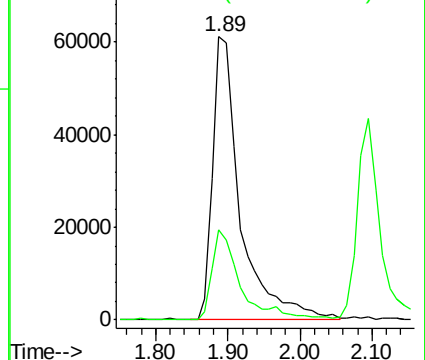
64 100

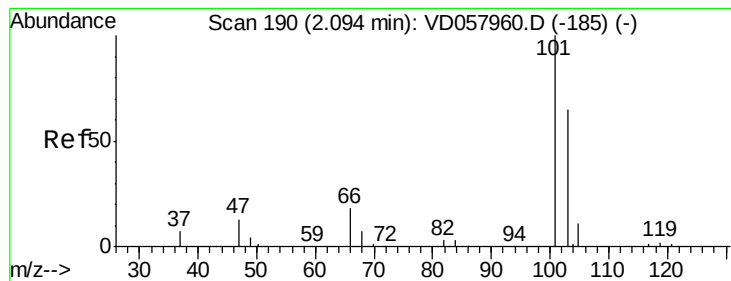
66 31.6 22.8 34.2



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



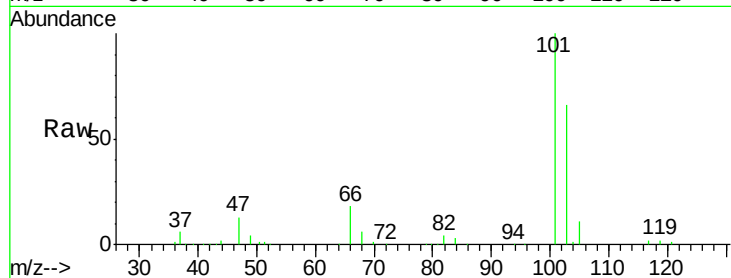


#7

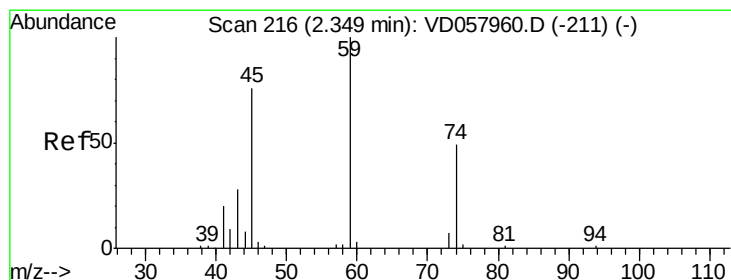
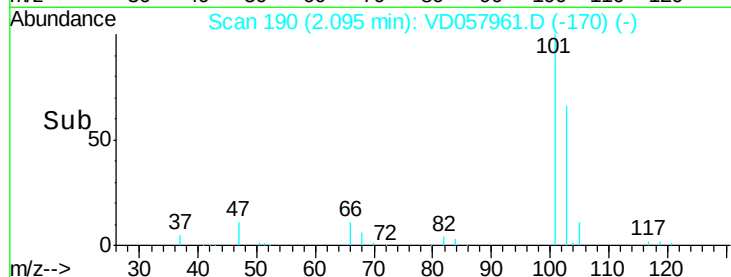
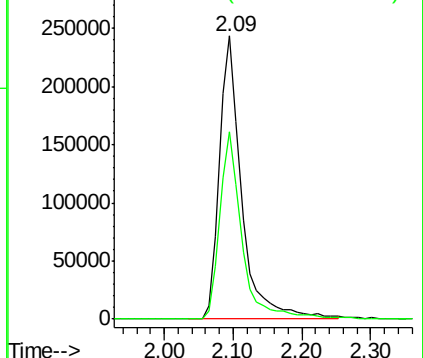
Trichlorofluoromethane  
Concen: 65.46 ug/l  
RT: 2.09 min Scan# 190  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tot Ion:101 Resp: 545825  
Ion Ratio Lower Upper  
101 100  
103 66.0 52.4 78.6



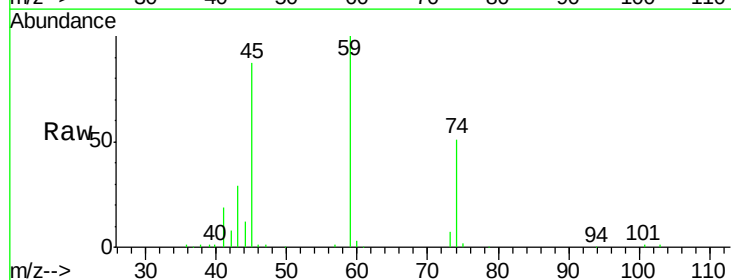
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



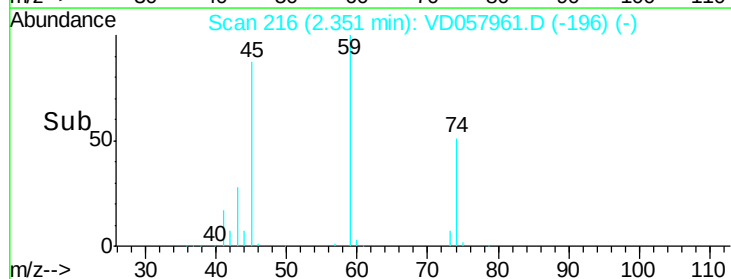
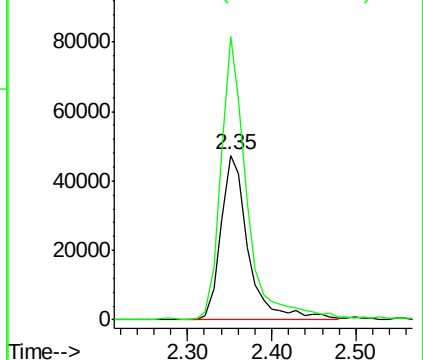
#8

Diethyl Ether  
Concen: 69.33 ug/l  
RT: 2.35 min Scan# 216  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

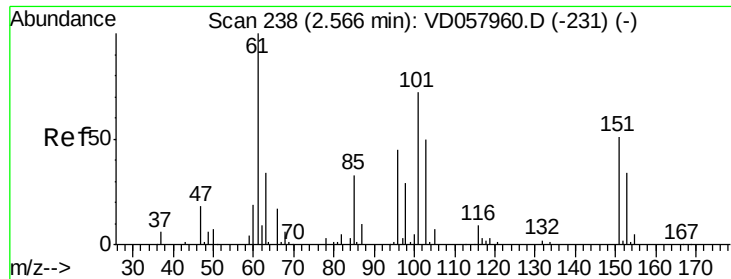
Tgt Ion: 74 Resp: 107380  
Ion Ratio Lower Upper  
74 100  
45 171.8 77.1 231.3



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: 66.01 ug/l

RT: 2.57 min Scan# 238

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

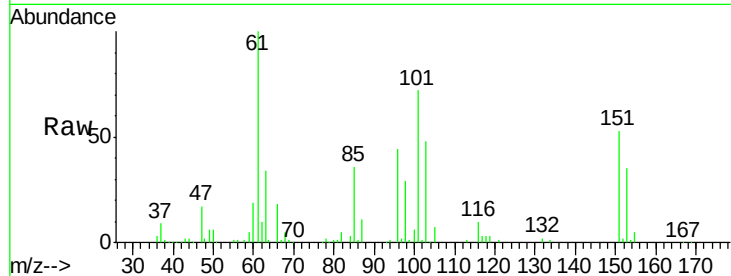
Tot Ion:101 Resp: 328289

Ion Ratio Lower Upper

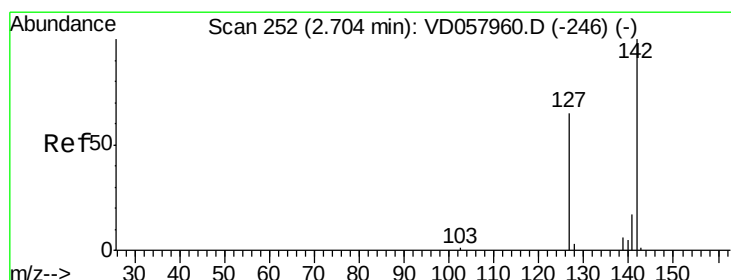
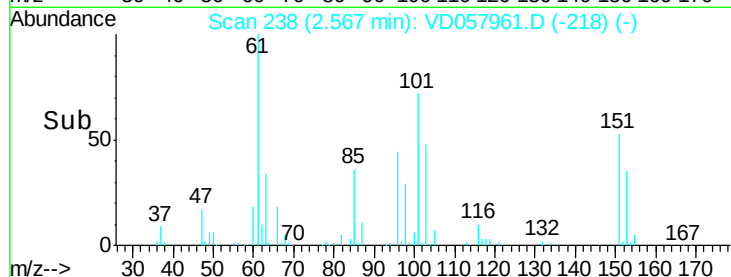
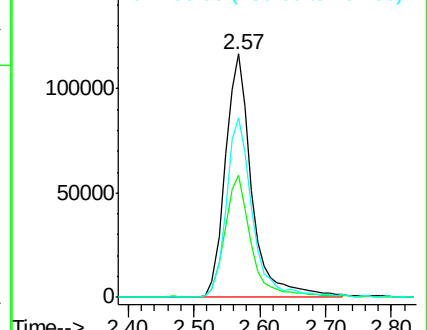
101 100

85 50.2 37.3 55.9

151 73.9 57.0 85.6



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: 73.90 ug/l

RT: 2.71 min Scan# 252

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

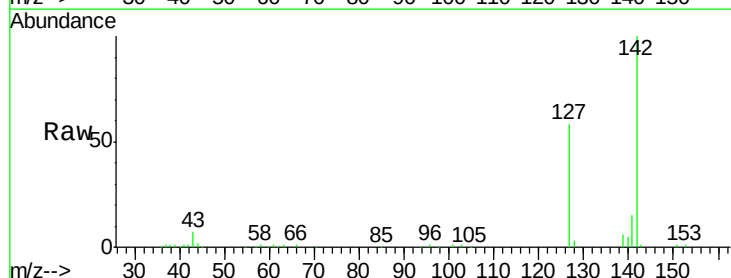
Tgt Ion:142 Resp: 474203

Ion Ratio Lower Upper

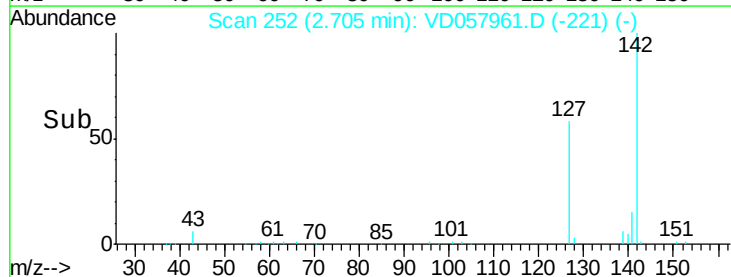
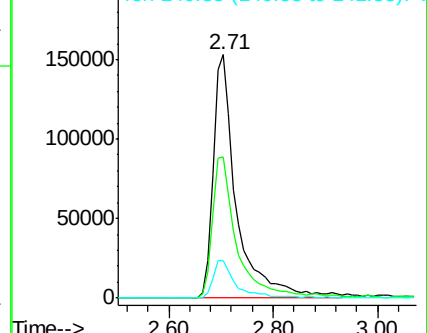
142 100

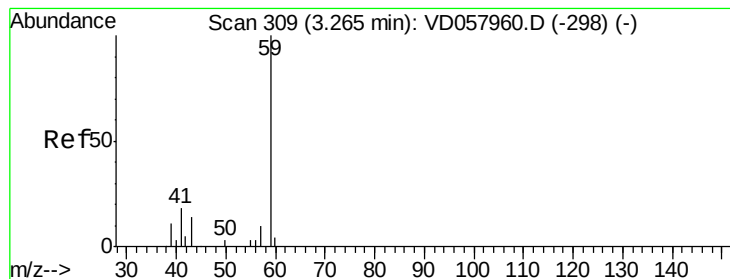
127 58.0 52.0 78.0

141 15.3 13.2 19.8



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



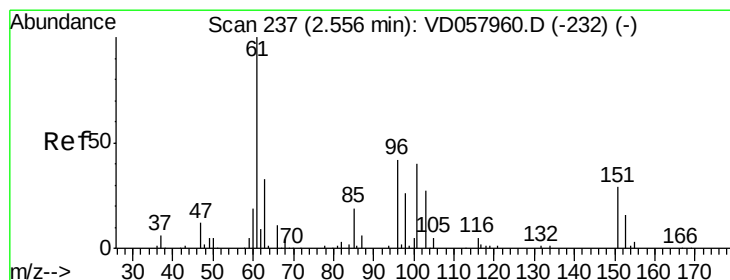
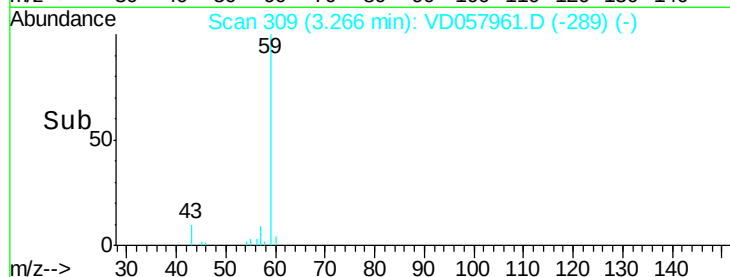
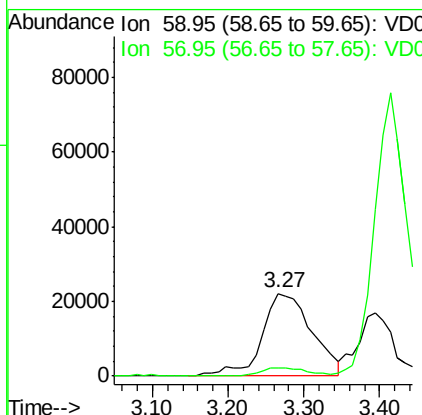
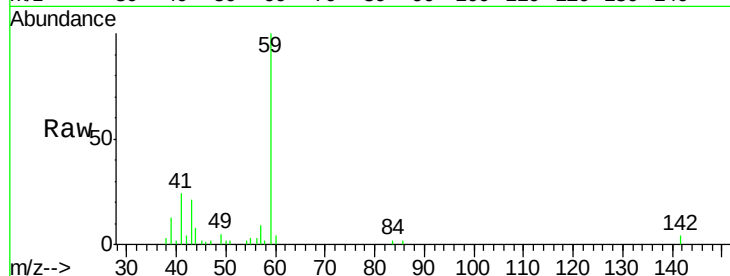


#11

Tert butyl alcohol  
Concen: 400.12 ug/l  
RT: 3.27 min Scan# 309  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

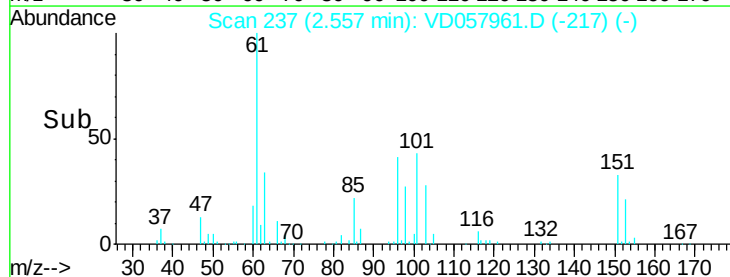
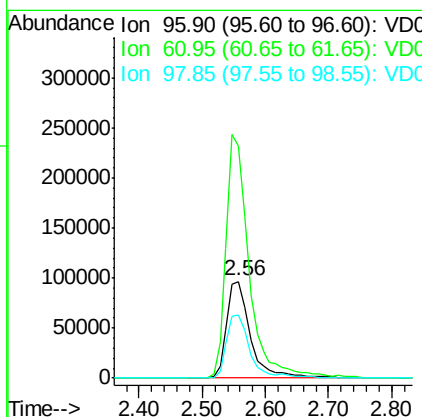
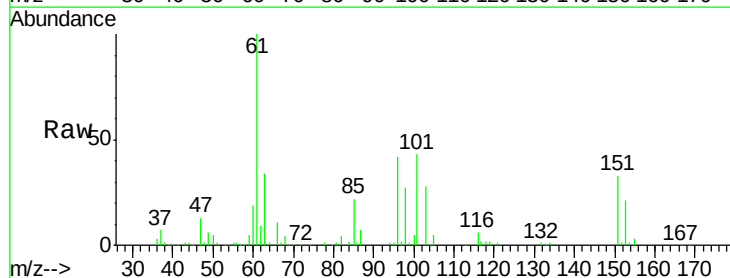
Tot Ion: 59 Resp: 102154  
Ion Ratio Lower Upper  
59 100  
57 9.2 7.8 11.6

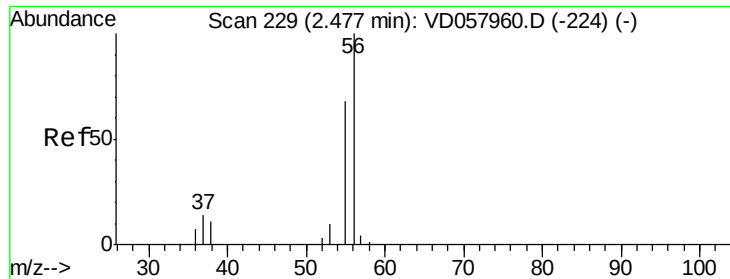


#12

1,1-Dichloroethene  
Concen: 66.41 ug/l  
RT: 2.56 min Scan# 237  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Tgt Ion: 96 Resp: 253891  
Ion Ratio Lower Upper  
96 100  
61 240.3 190.2 285.4  
98 65.2 49.6 74.4





#13

Acrolein

Concen: 344.30 ug/l

RT: 2.48 min Scan# 229

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

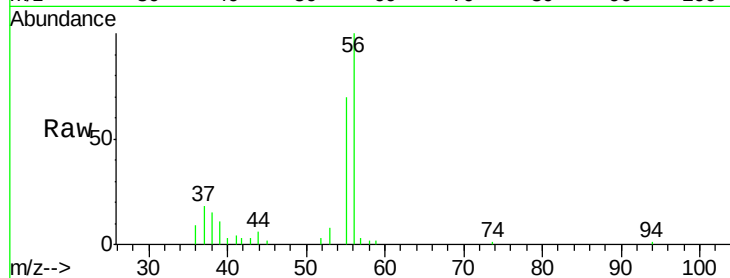
VSTDIC075

Tot Ion: 56 Resp: 125889

Ion Ratio Lower Upper

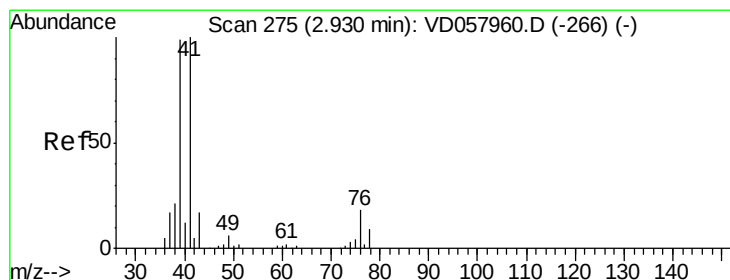
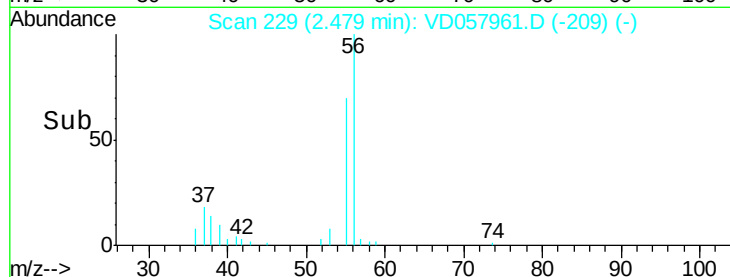
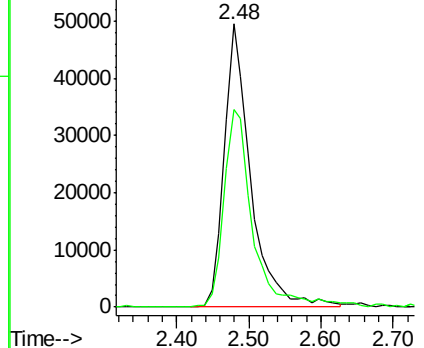
56 100

55 69.8 54.0 81.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 66.68 ug/l

RT: 2.93 min Scan# 275

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

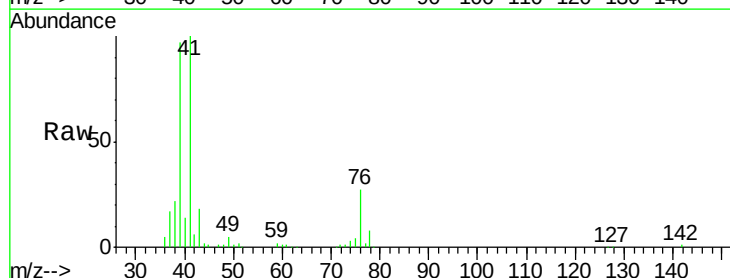
Tgt Ion: 41 Resp: 588114

Ion Ratio Lower Upper

41 100

39 96.6 79.5 119.3

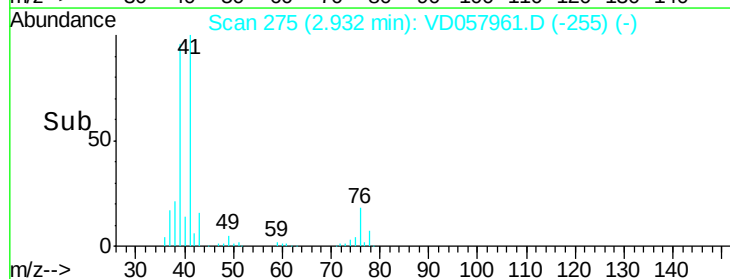
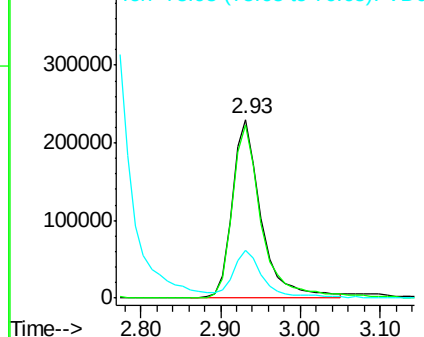
76 26.6 20.7 31.1

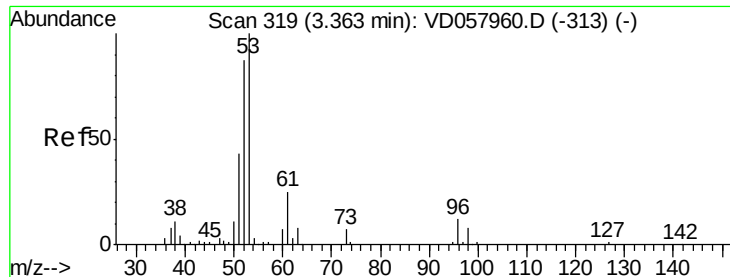


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 343.70 ug/l

RT: 3.37 min Scan# 320

Delta R.T. 0.01 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

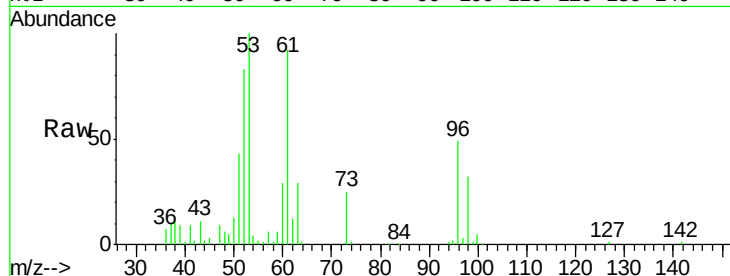
Tot Ion: 53 Resp: 513349

Ion Ratio Lower Upper

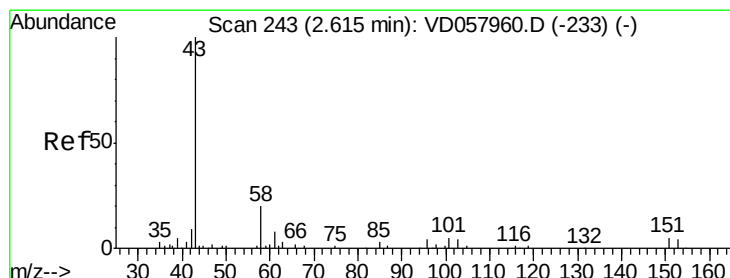
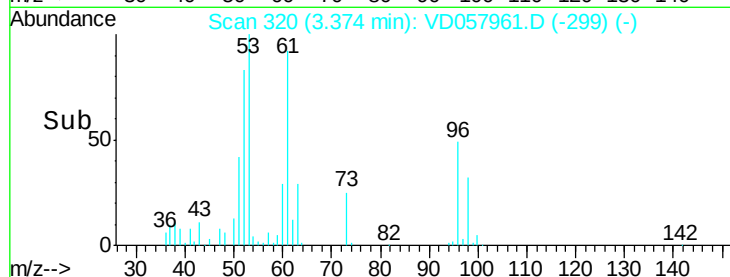
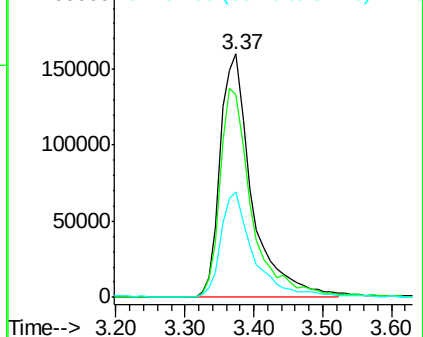
53 100

52 83.0 69.9 104.9

51 43.2 34.3 51.5



Abundance Ion 53.00 (52.70 to 53.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC  
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 354.99 ug/l

RT: 2.63 min Scan# 244

Delta R.T. 0.01 min

Lab File: VD057961.D

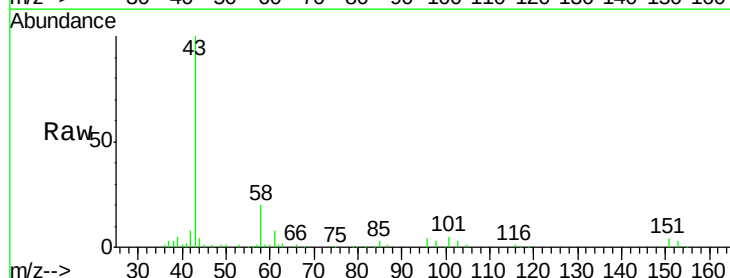
Acq: 6 Jun 2018 19:46

Tgt Ion: 43 Resp: 487439

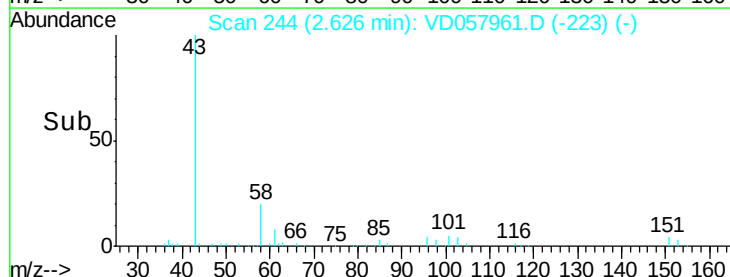
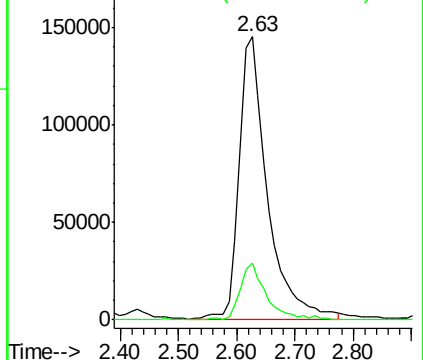
Ion Ratio Lower Upper

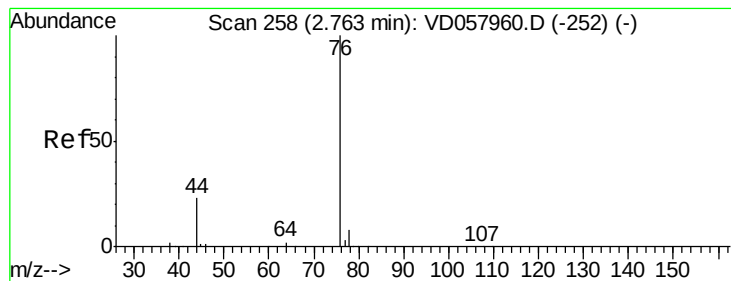
43 100

58 19.9 15.8 23.8



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





#17

Carbon Disulfide

Concen: 69.28 ug/l

RT: 2.76 min Scan# 258

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

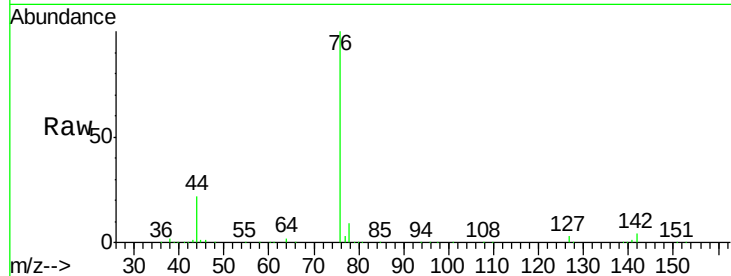
VSTDIC075

Tot Ion: 76 Resp: 959600

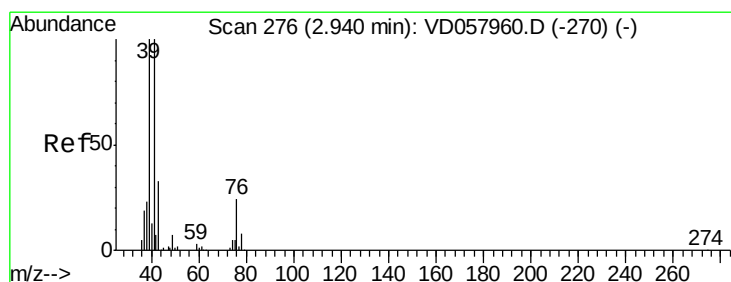
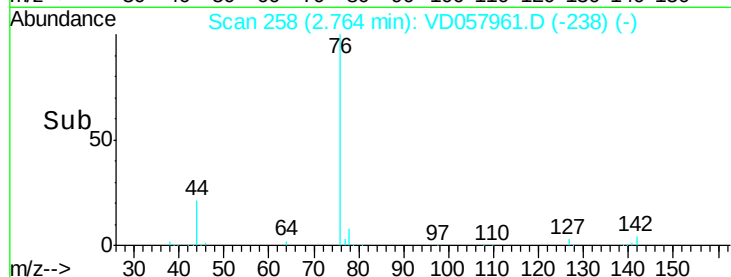
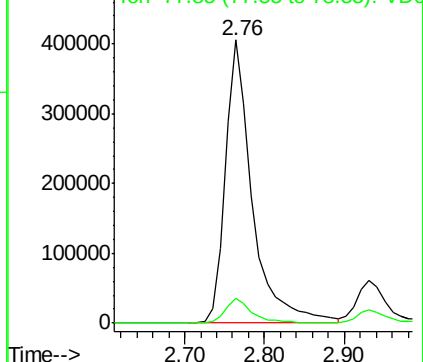
Ion Ratio Lower Upper

76 100

78 8.9 6.7 10.1



Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 63.30 ug/l

RT: 2.94 min Scan# 276

Delta R.T. 0.00 min

Lab File: VD057961.D

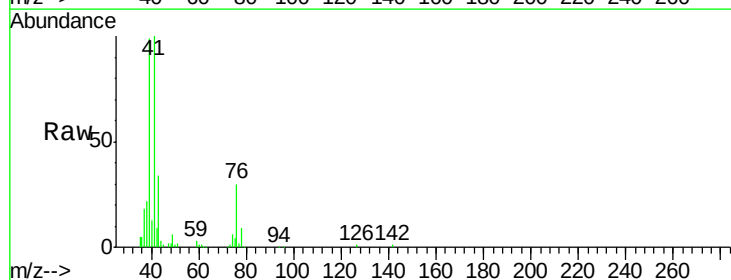
Acq: 6 Jun 2018 19:46

Tgt Ion: 43 Resp: 168152

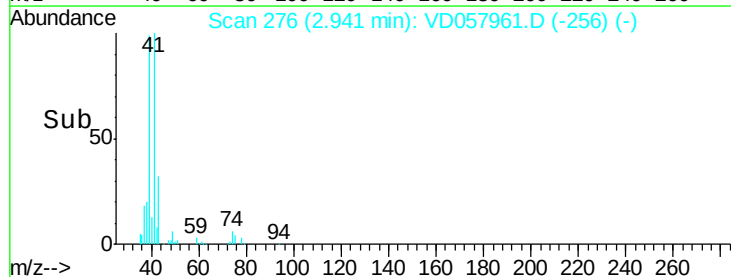
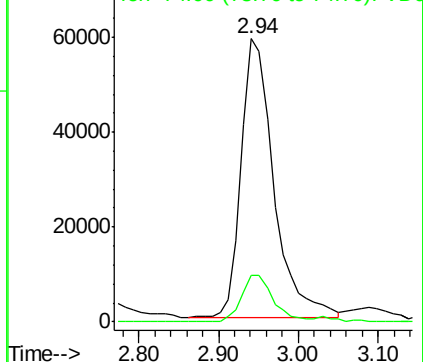
Ion Ratio Lower Upper

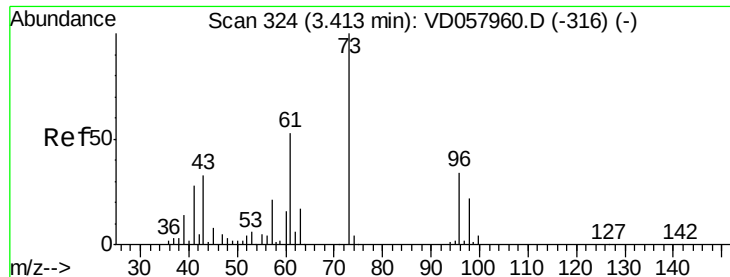
43 100

74 16.5 11.2 16.8



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 74.00 (73.70 to 74.70): VDC

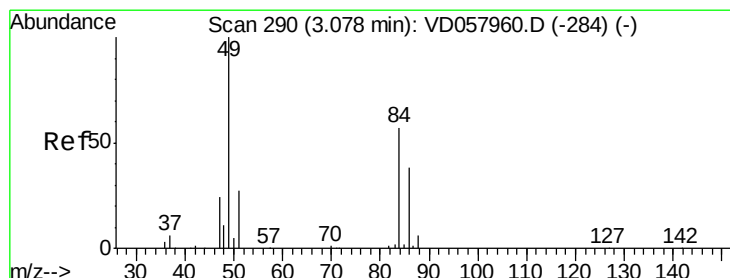
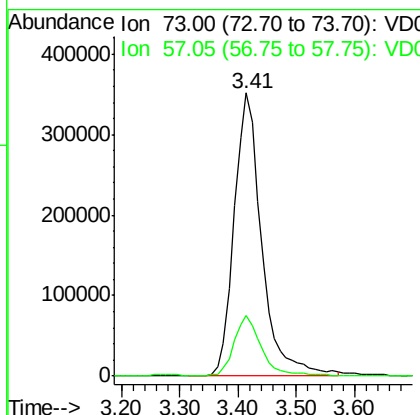
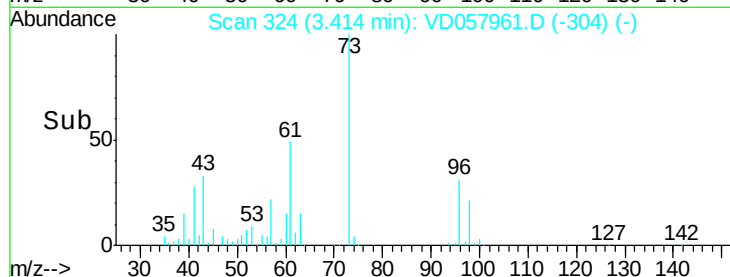
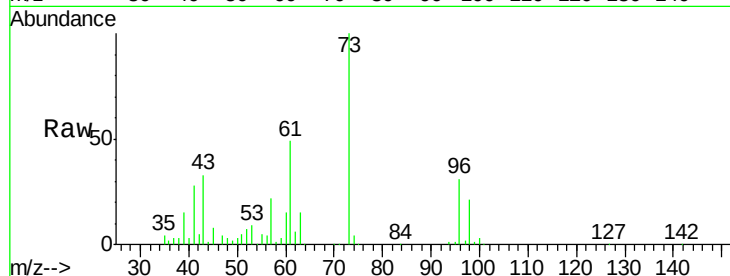




#19  
Methyl tert-butyl Ether  
Concen: 68.92 ug/l  
RT: 3.41 min Scan# 324  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

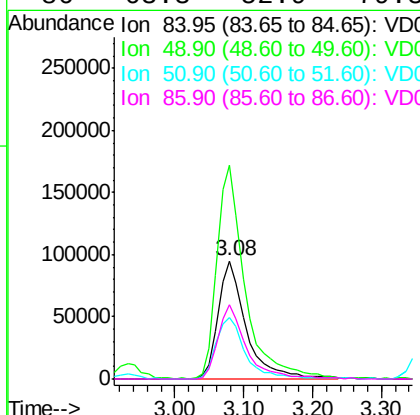
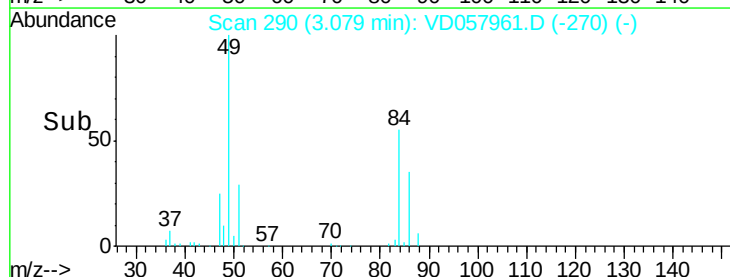
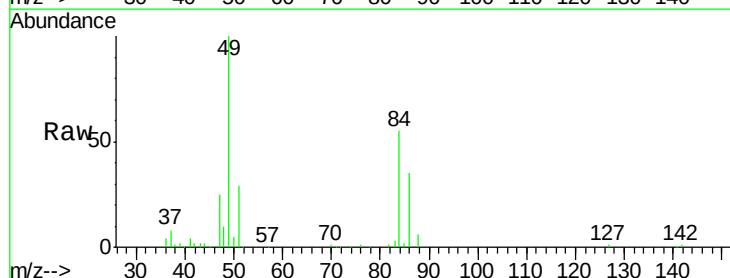
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

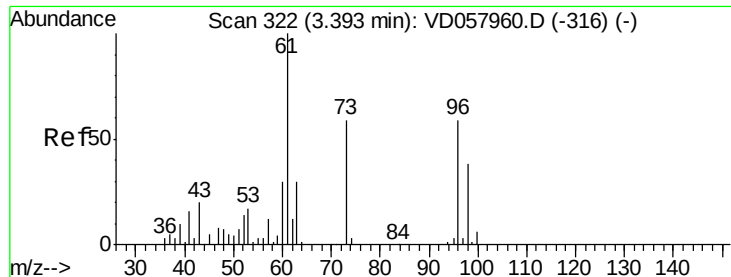
Tot Ion: 73 Resp: 1159451  
Ion Ratio Lower Upper  
73 100  
57 21.6 16.7 25.1



#20  
Methylene Chloride  
Concen: 57.13 ug/l  
RT: 3.08 min Scan# 290  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Tgt Ion: 84 Resp: 268110  
Ion Ratio Lower Upper  
84 100  
49 181.3 141.4 212.0  
51 52.0 38.3 57.5  
86 63.3 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 65.49 ug/l

RT: 3.39 min Scan# 322

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

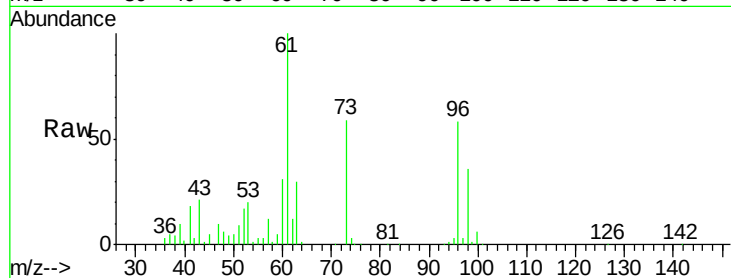
Tot Ion: 96 Resp: 557738

Ion Ratio Lower Upper

96 100

61 173.8 135.2 202.8

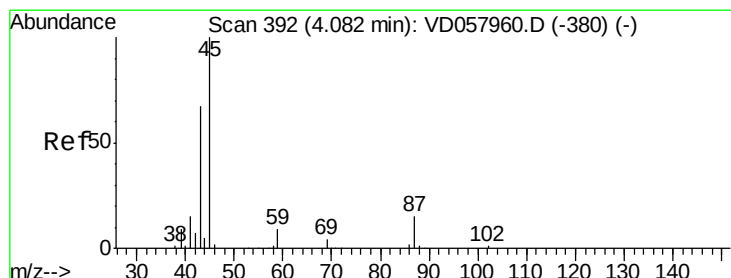
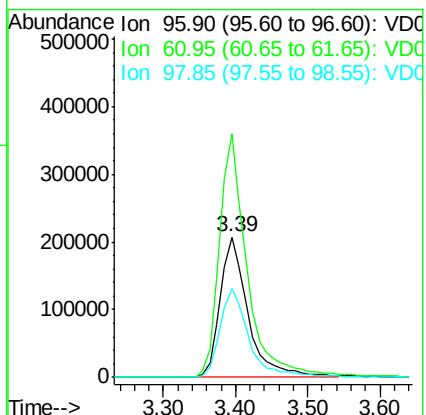
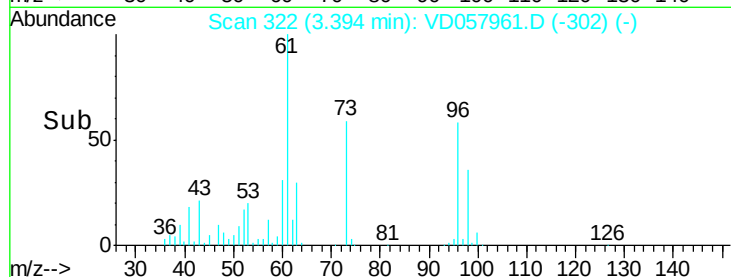
98 63.2 51.7 77.5



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 65.47 ug/l

RT: 4.08 min Scan# 392

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Tgt Ion: 45 Resp: 2287526

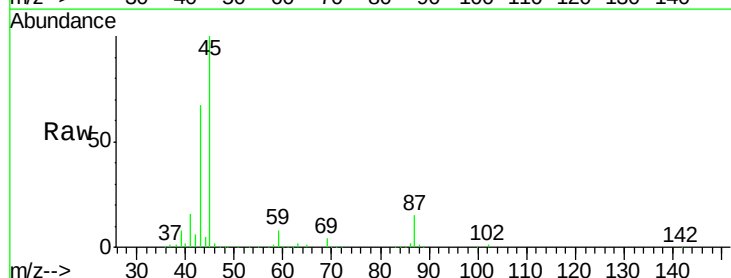
Ion Ratio Lower Upper

45 100

43 66.8 53.8 80.8

87 15.3 12.5 18.7

59 8.3 7.3 10.9

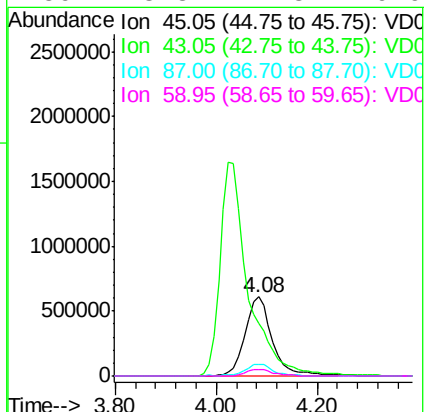
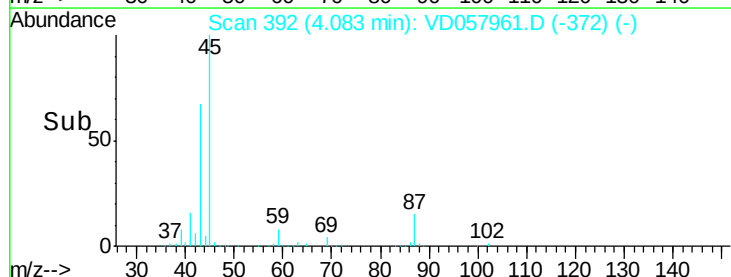


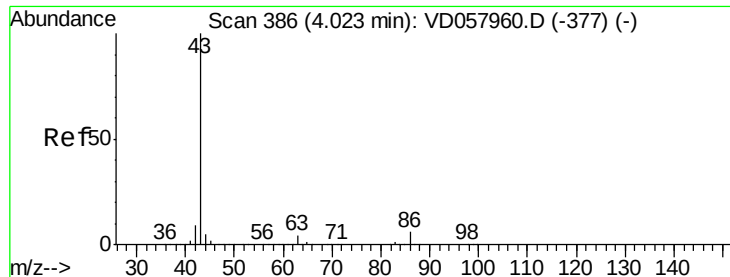
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 348.60 ug/l

RT: 4.02 min Scan# 386

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

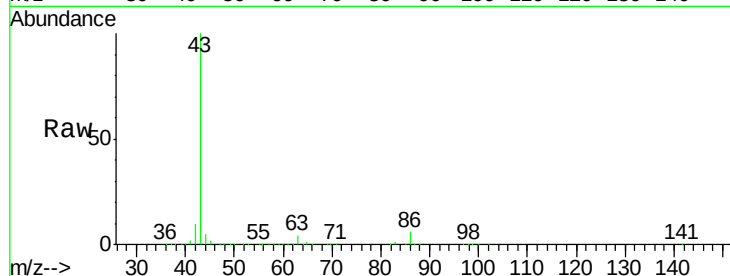
VSTDIC075

Tot Ion: 43 Resp: 6293311

Ion Ratio Lower Upper

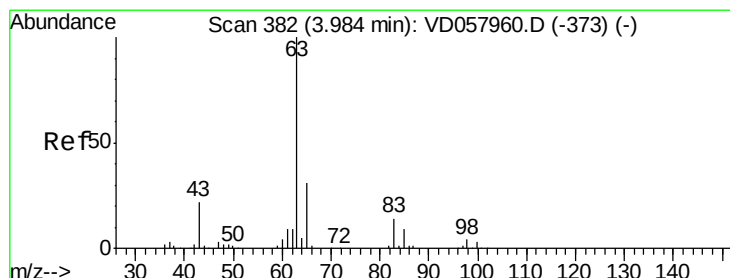
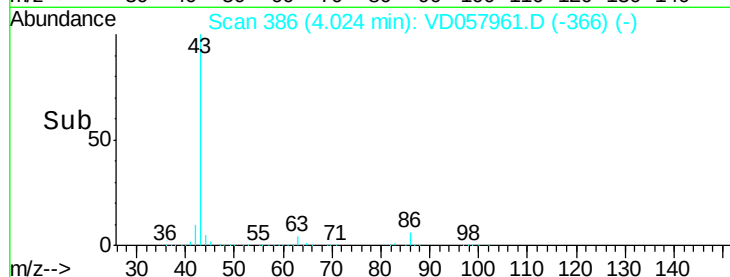
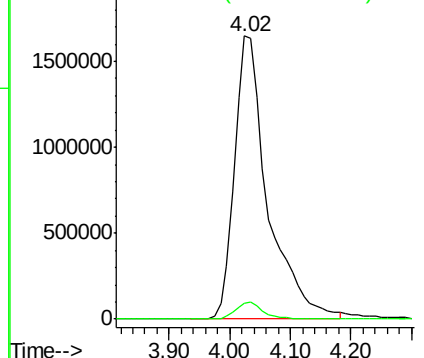
43 100

86 5.8 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 65.21 ug/l

RT: 3.98 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

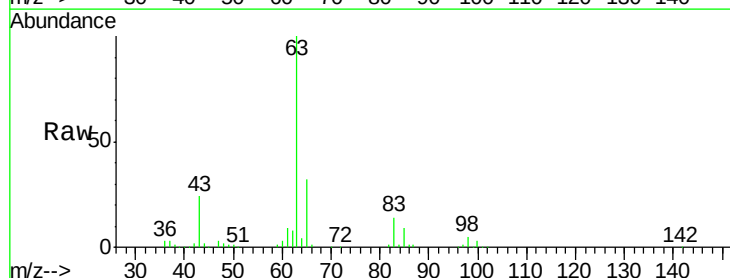
Tgt Ion: 63 Resp: 1252203

Ion Ratio Lower Upper

63 100

98 4.7 2.0 5.8

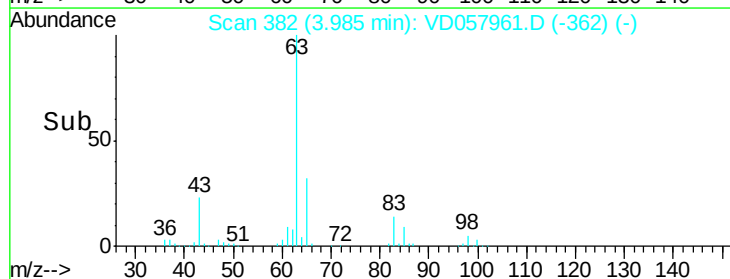
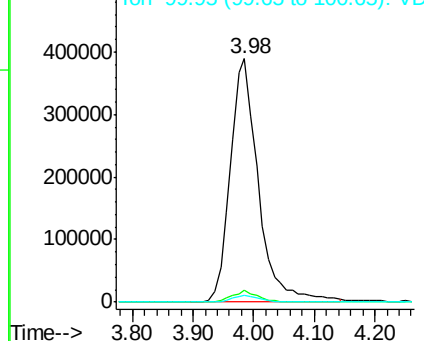
100 2.9 1.4 4.2



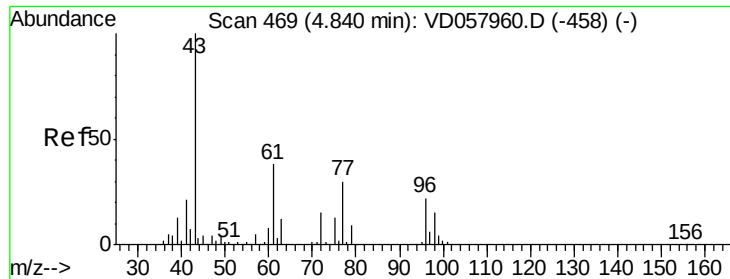
Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC







#25

2-Butanone

Concen: 344.33 ug/l

RT: 4.84 min Scan# 469

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

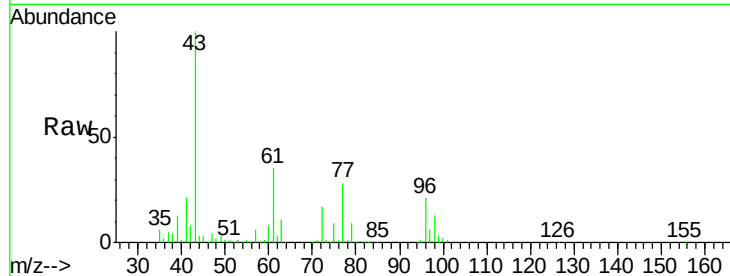
VSTDIC075

Tot Ion: 43 Resp: 1074509

Ion Ratio Lower Upper

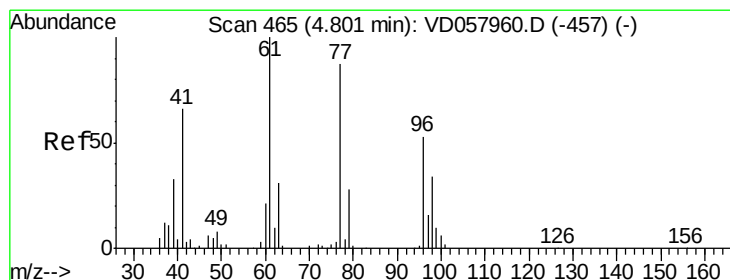
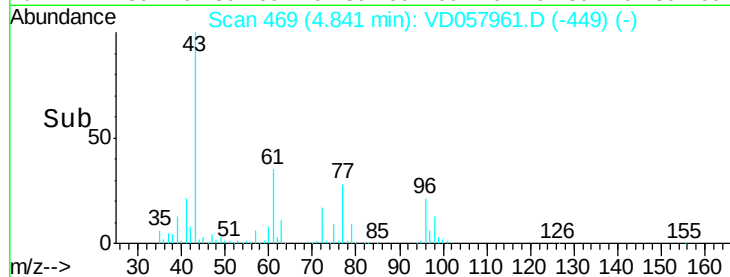
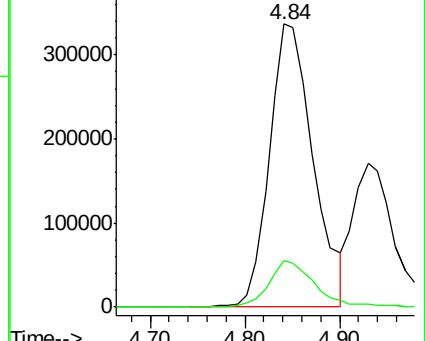
43 100

72 16.6 12.0 18.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 65.44 ug/l

RT: 4.81 min Scan# 466

Delta R.T. 0.01 min

Lab File: VD057961.D

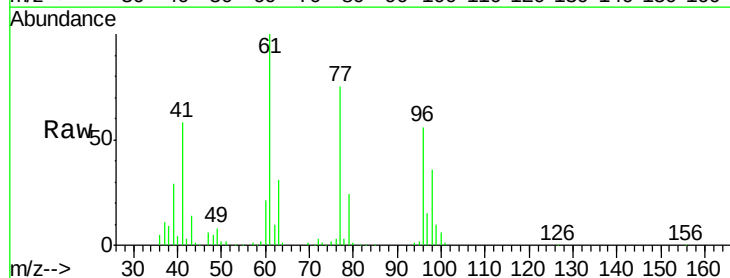
Acq: 6 Jun 2018 19:46

Tgt Ion: 77 Resp: 1035266

Ion Ratio Lower Upper

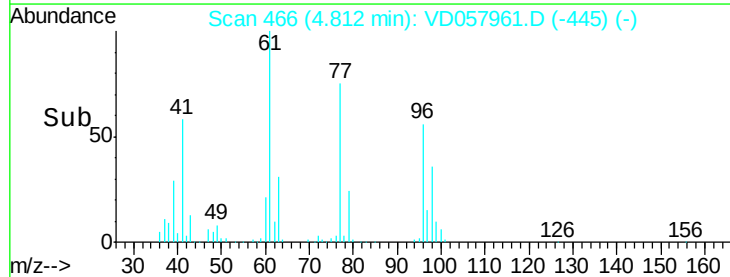
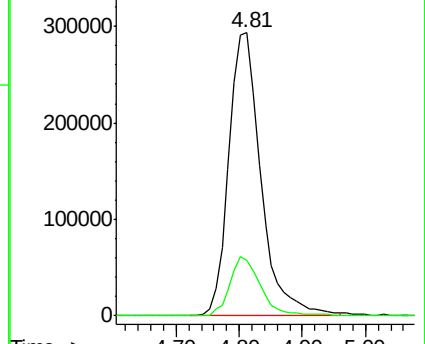
77 100

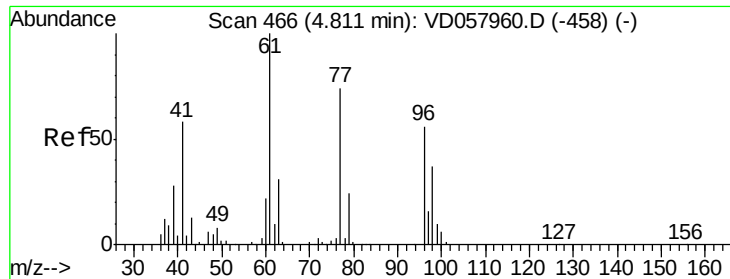
97 19.7 9.2 27.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

cis-1,2-Dichloroethene

Concen: 64.69 ug/l

RT: 4.81 min Scan# 466

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

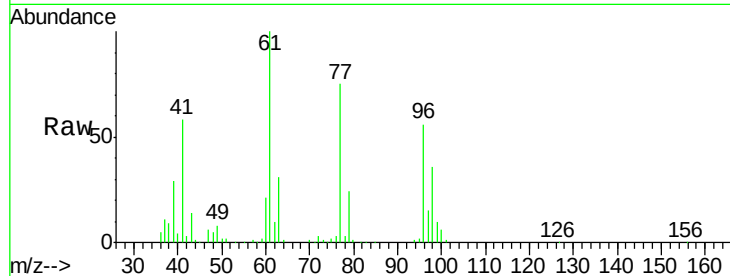
Tot Ion: 96 Resp: 653337

Ion Ratio Lower Upper

96 100

61 178.3 0.0 355.0

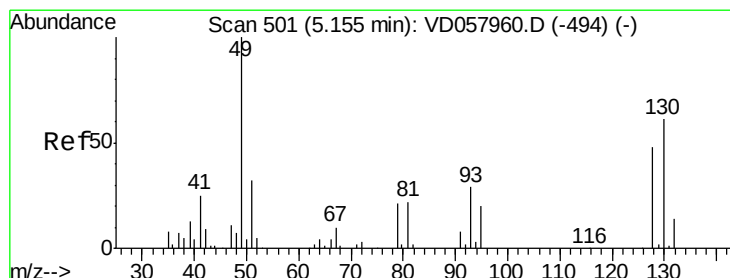
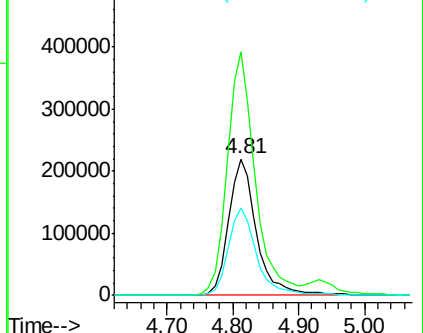
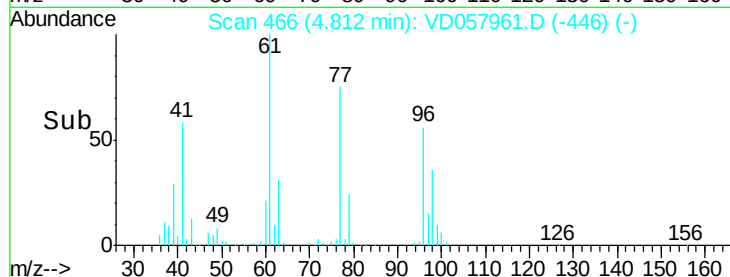
98 63.6 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#28

Bromochloromethane

Concen: 73.11 ug/l

RT: 5.16 min Scan# 501

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

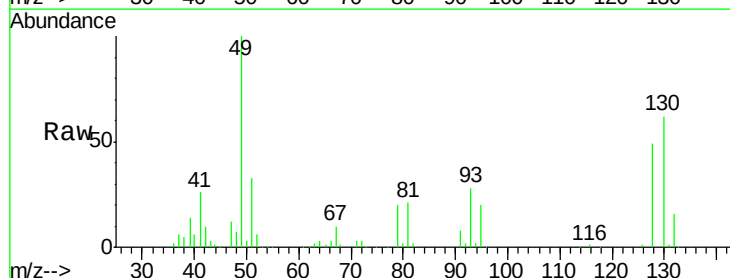
Tgt Ion: 49 Resp: 607631

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

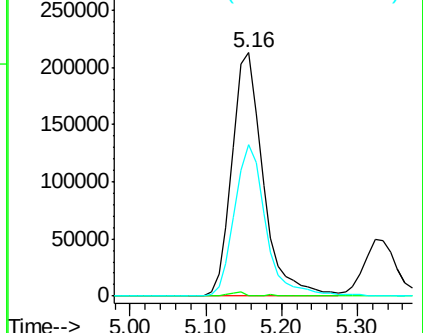
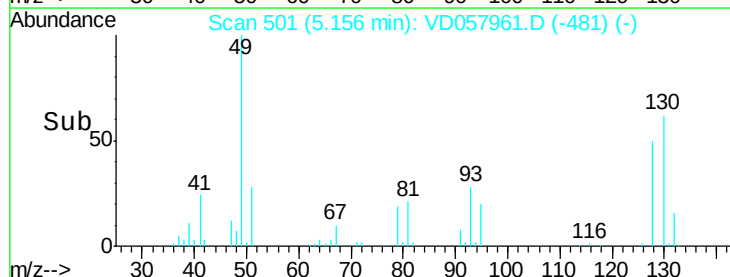
130 62.2 48.8 73.2

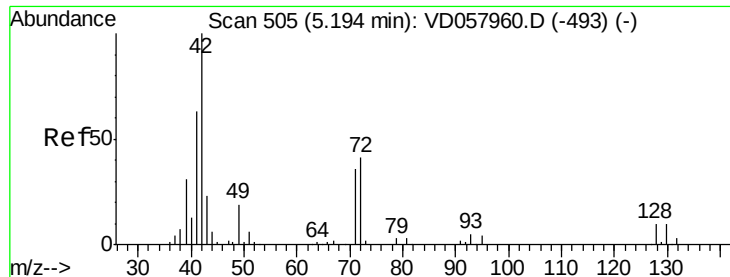


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 346.42 ug/l

RT: 5.20 min Scan# 505

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

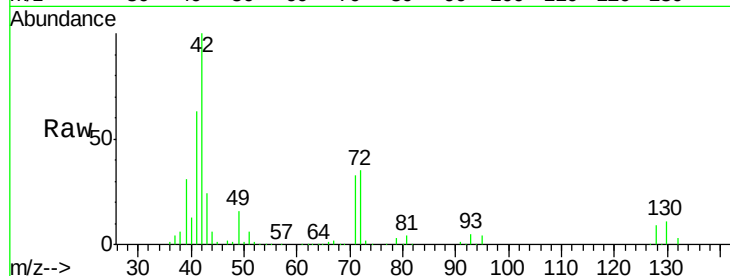
Tot Ion: 42 Resp: 566670

Ion Ratio Lower Upper

42 100

72 33.7 28.5 42.7

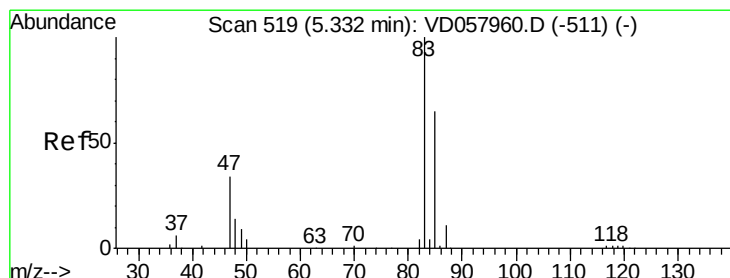
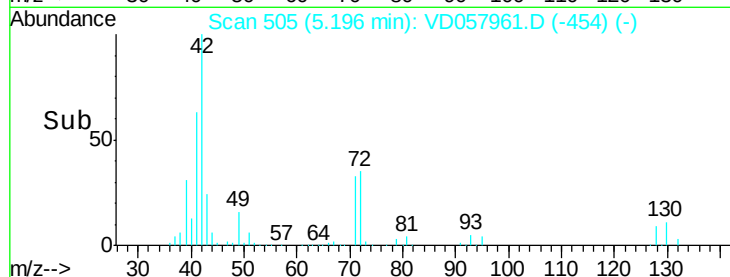
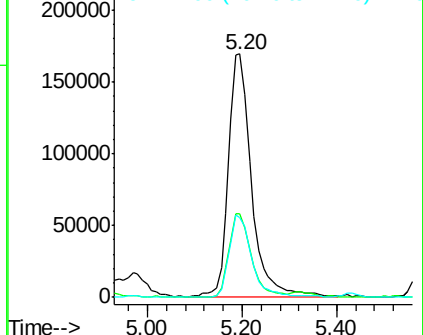
71 33.1 27.9 41.9



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: 68.21 ug/l

RT: 5.33 min Scan# 519

Delta R.T. 0.00 min

Lab File: VD057961.D

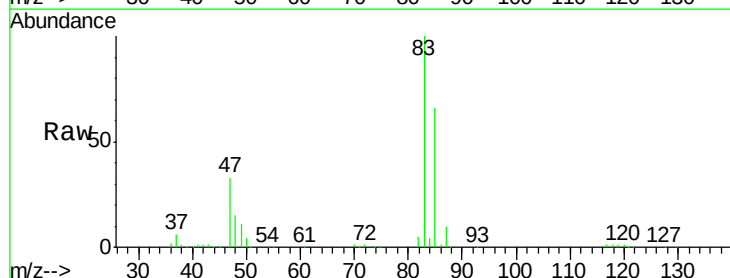
Acq: 6 Jun 2018 19:46

Tgt Ion: 83 Resp: 1318318

Ion Ratio Lower Upper

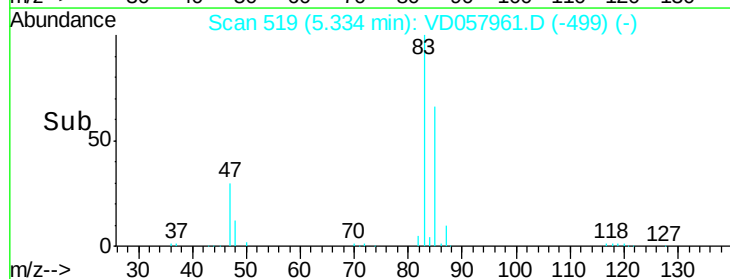
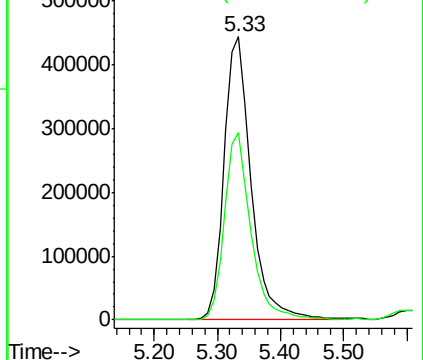
83 100

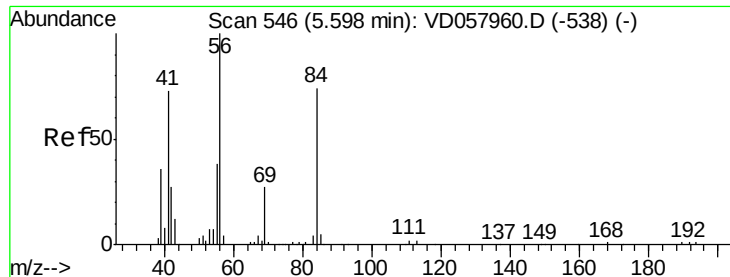
85 66.1 51.6 77.4



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 62.13 ug/l

RT: 5.60 min Scan# 546

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

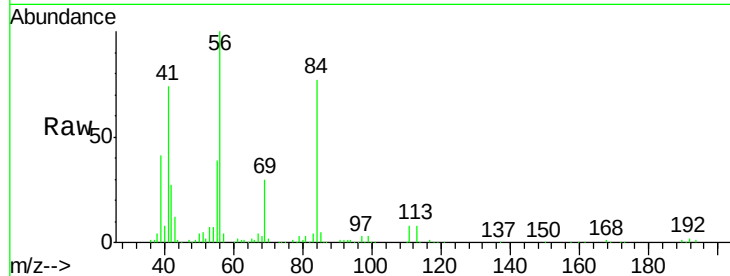
Tot Ion: 56 Resp: 1029592

Ion Ratio Lower Upper

56 100

69 29.7 21.5 32.3

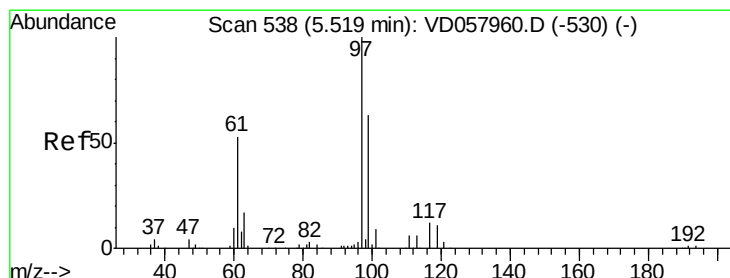
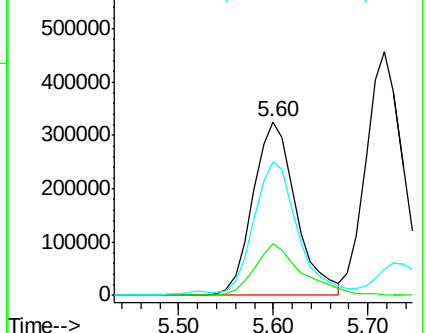
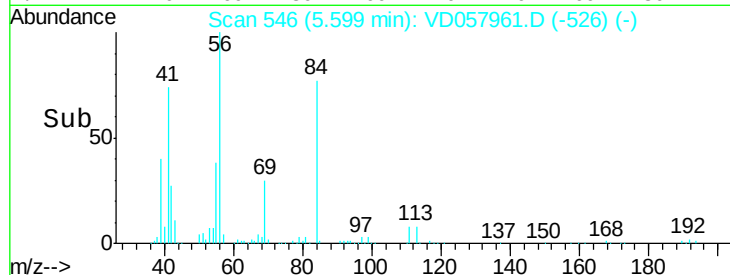
84 77.0 61.0 91.6



Abundance Ion 55.95 (55.65 to 56.65): VD057961.D (-526) (-)

Ion 69.00 (68.70 to 69.70): VD057961.D (-526) (-)

Ion 84.05 (83.75 to 84.75): VD057961.D (-526) (-)



#32

1,1,1-Trichloroethane

Concen: 69.90 ug/l

RT: 5.52 min Scan# 538

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

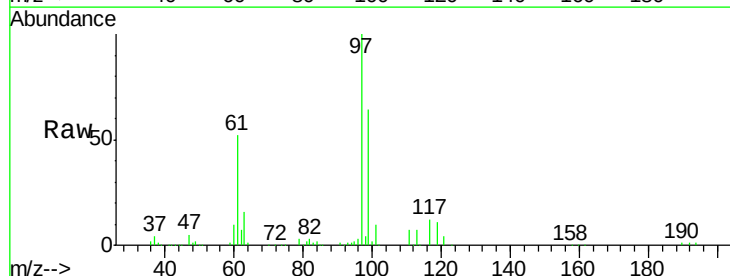
Tgt Ion: 97 Resp: 1131075

Ion Ratio Lower Upper

97 100

99 64.3 50.1 75.1

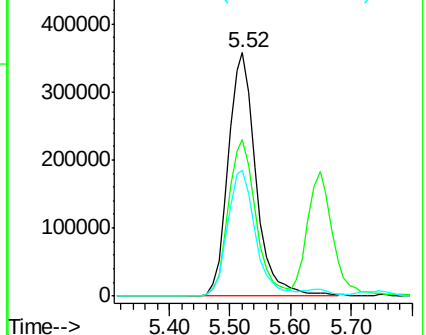
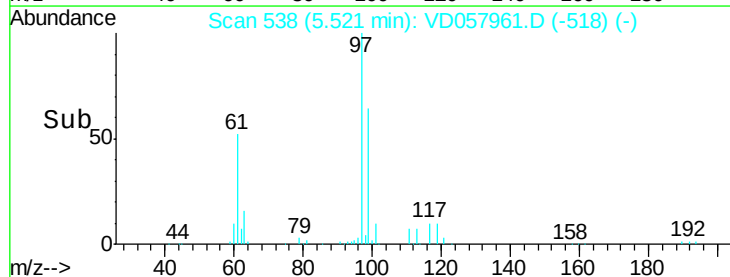
61 51.6 42.2 63.4

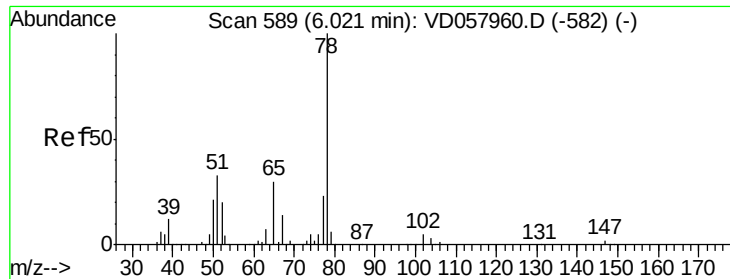


Abundance Ion 96.85 (96.55 to 97.55): VD057961.D (-518) (-)

Ion 98.85 (98.55 to 99.55): VD057961.D (-518) (-)

Ion 60.95 (60.65 to 61.65): VD057961.D (-518) (-)

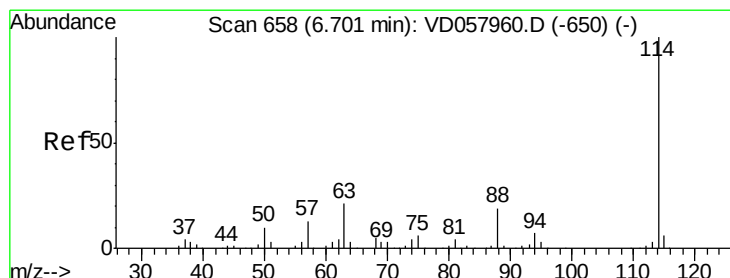
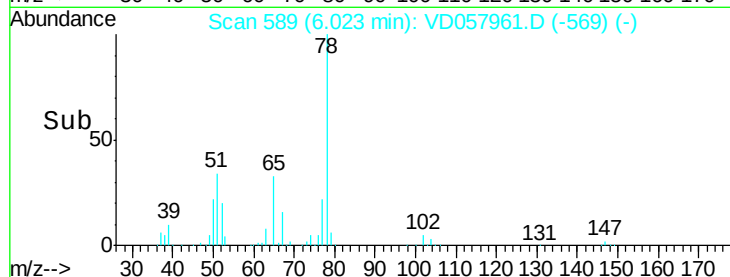
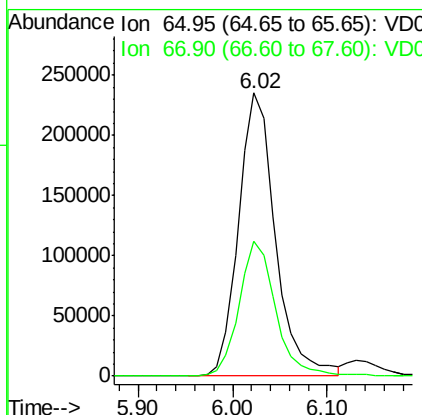
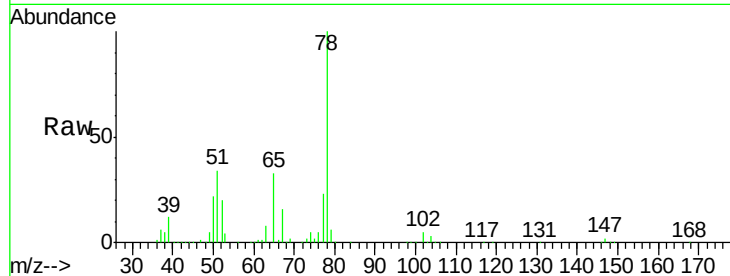




#33  
 1,2-Dichloroethane-d4  
 Concen: 69.90 ug/l  
 RT: 6.02 min Scan# 589  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

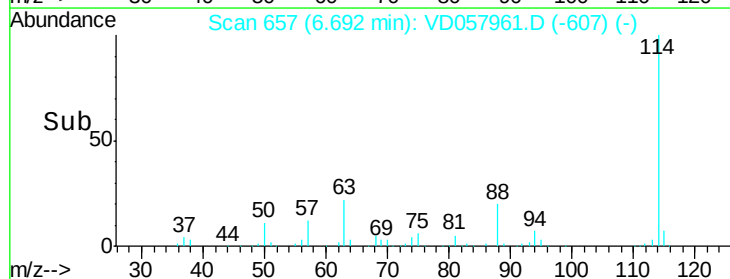
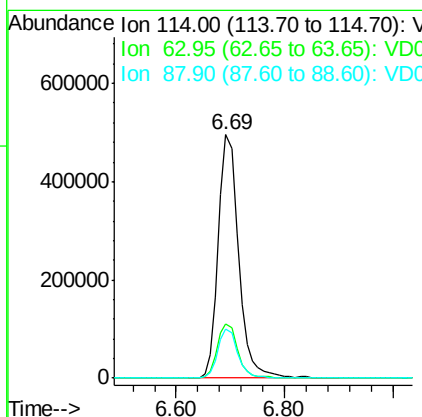
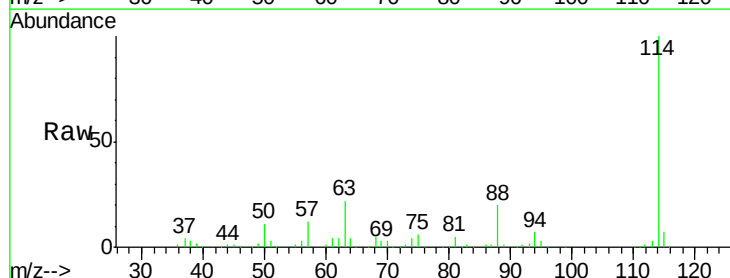
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

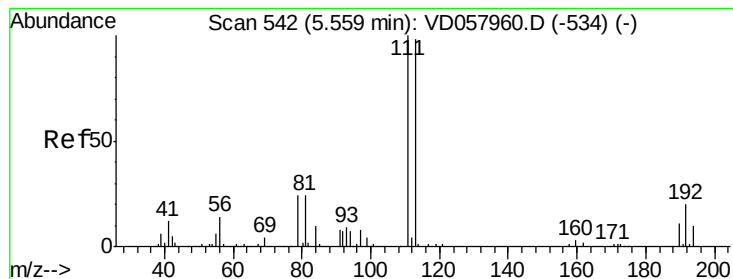
Tot Ion: 65 Resp: 635419  
 Ion Ratio Lower Upper  
 65 100  
 67 47.4 0.0 94.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.69 min Scan# 657  
 Delta R.T. -0.01 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

Tgt Ion: 114 Resp: 1291475  
 Ion Ratio Lower Upper  
 114 100  
 63 22.2 0.0 42.8  
 88 19.9 0.0 37.8





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.56 min Scan# 542

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

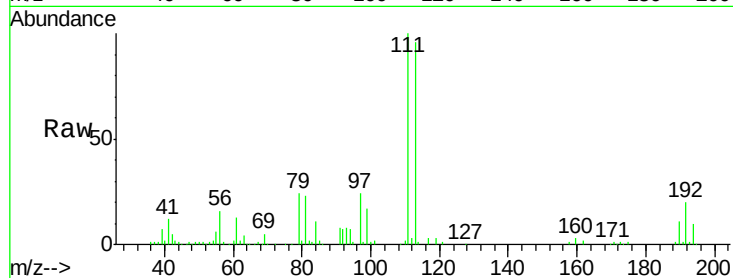
Tot Ion:113 Resp: 660746

Ion Ratio Lower Upper

113 100

111 103.9 81.5 122.3

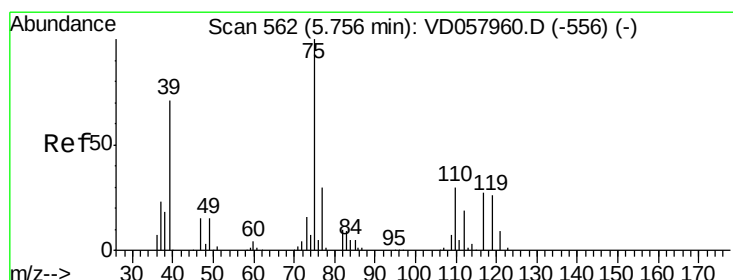
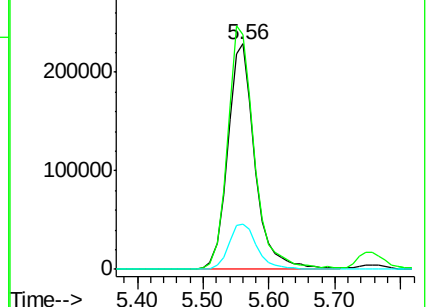
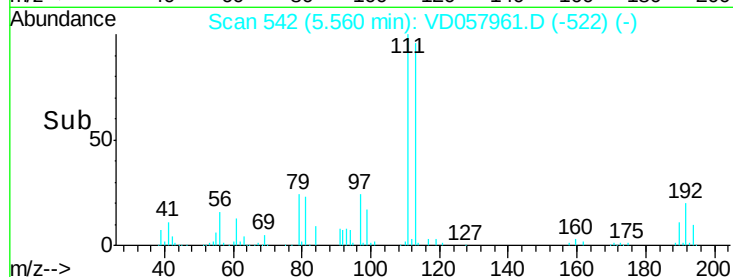
192 20.3 16.4 24.6



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 62.63 ug/l

RT: 5.76 min Scan# 562

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

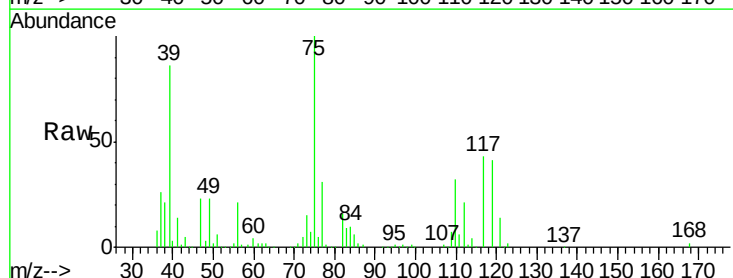
Tgt Ion: 75 Resp: 891119

Ion Ratio Lower Upper

75 100

110 32.4 14.8 44.3

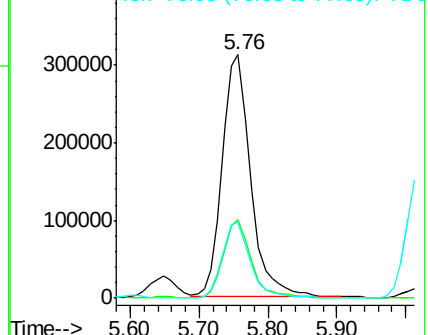
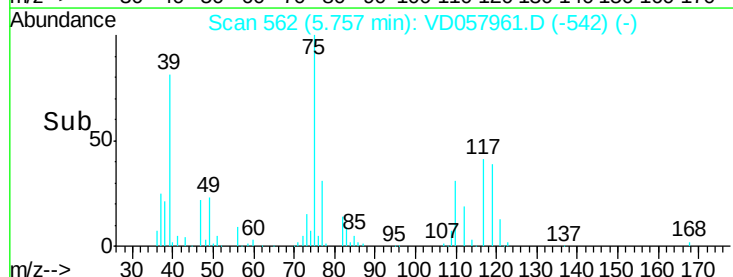
77 31.1 23.9 35.9

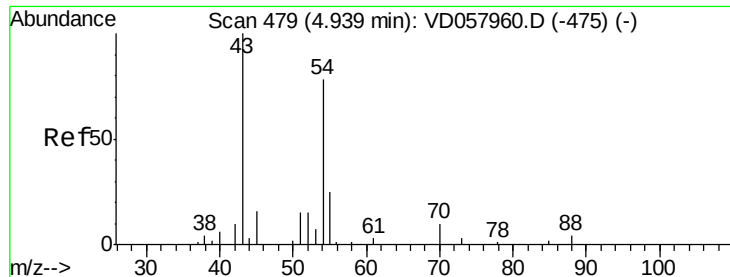


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC

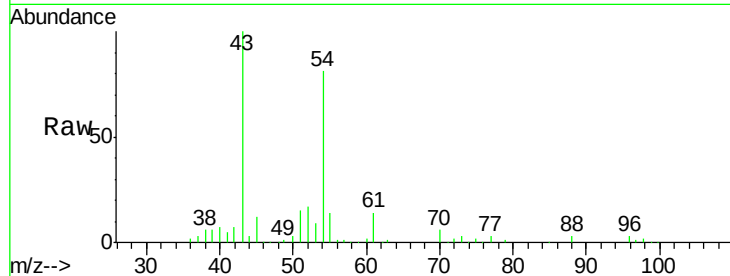




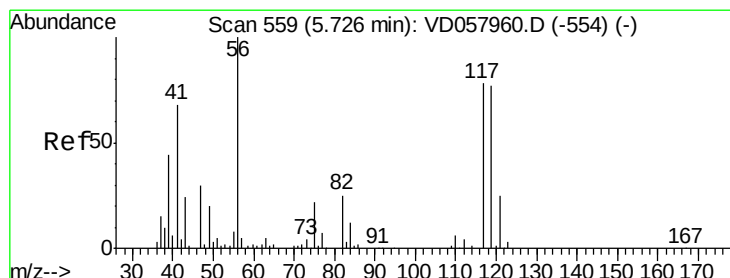
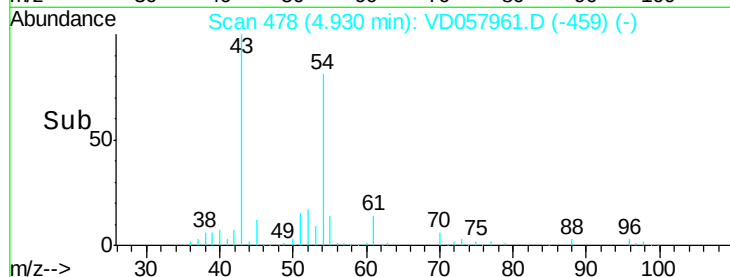
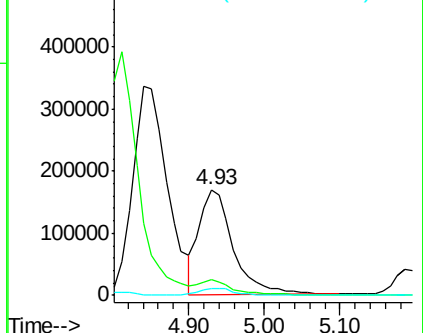
#37  
Ethyl Acetate  
Concen: 67.43 ug/l  
RT: 4.93 min Scan# 478  
Delta R.T. -0.01 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tot Ion: 43 Resp: 523504  
Ion Ratio Lower Upper  
43 100  
61 14.5 9.9 14.9  
70 6.3 5.7 8.5

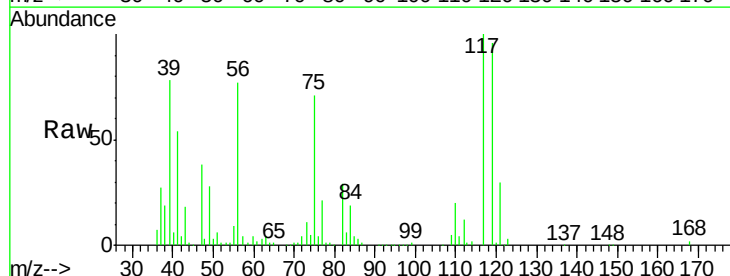


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

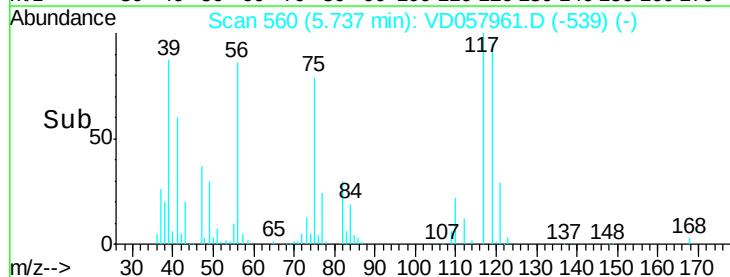
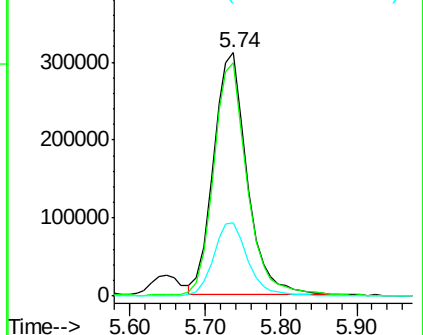


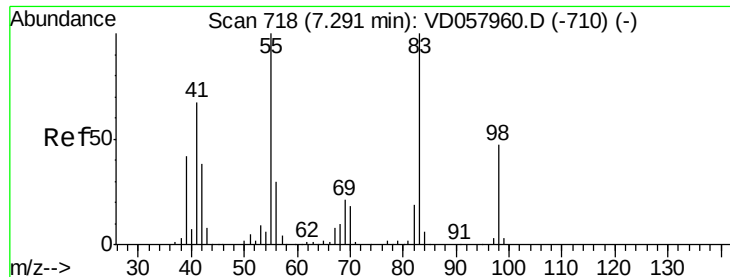
#38  
Carbon Tetrachloride  
Concen: 67.87 ug/l  
RT: 5.74 min Scan# 560  
Delta R.T. 0.01 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Tgt Ion: 117 Resp: 951681  
Ion Ratio Lower Upper  
117 100  
119 95.8 76.1 114.1  
121 30.1 24.9 37.3



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

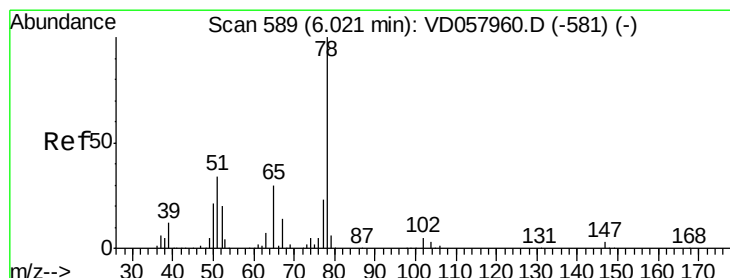
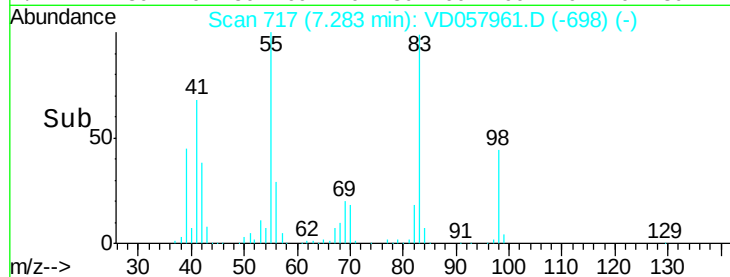
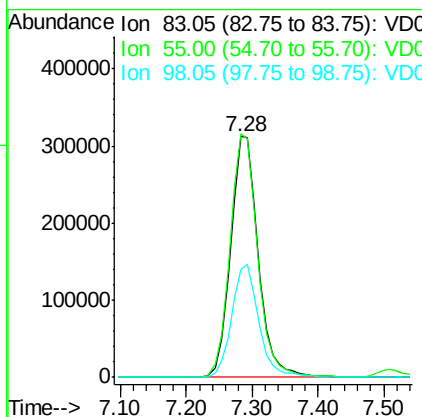
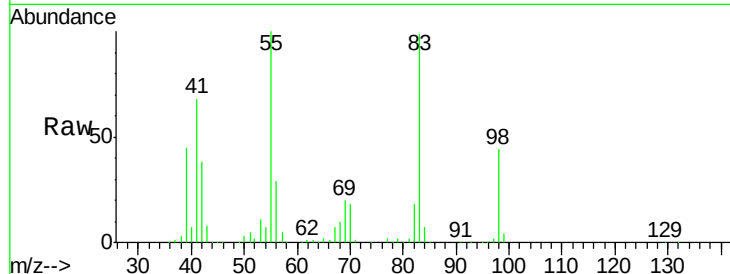




#39  
Methylvlcyclohexane  
Concen: 64.96 ug/l  
RT: 7.28 min Scan# 717  
Delta R.T. -0.01 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

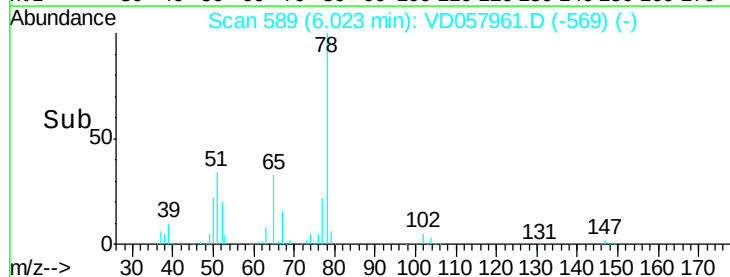
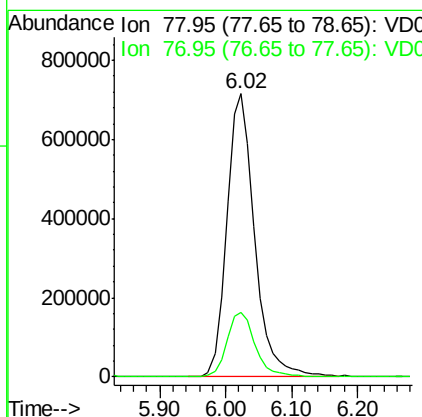
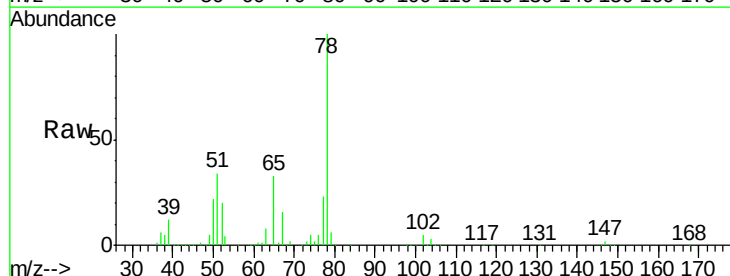
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tot Ion: 83 Resp: 916251  
Ion Ratio Lower Upper  
83 100  
55 101.1 80.3 120.5  
98 44.6 38.0 57.0

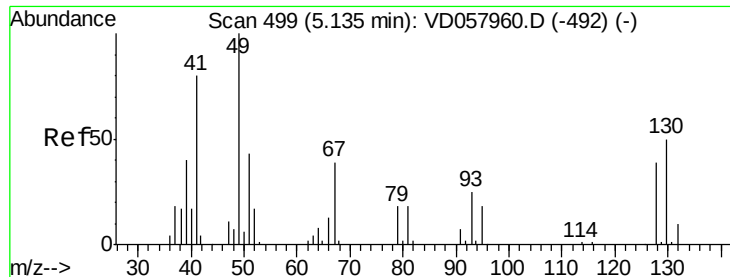


#40  
Benzene  
Concen: 63.43 ug/l  
RT: 6.02 min Scan# 589  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Tgt Ion: 78 Resp: 2108283  
Ion Ratio Lower Upper  
78 100  
77 22.7 18.1 27.1







#41

Methacrylonitrile

Concen: 70.08 ug/l

RT: 5.13 min Scan# 498

Delta R.T. -0.01 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

Tot Ion: 41 Resp: 248791

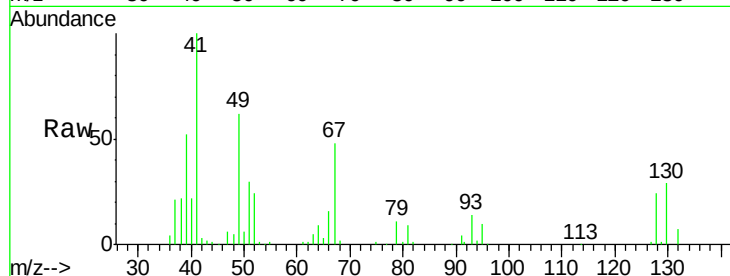
Ion Ratio Lower Upper

41 100

39 51.6 40.7 61.1

67 47.9 38.8 58.2

52 23.9 17.3 25.9

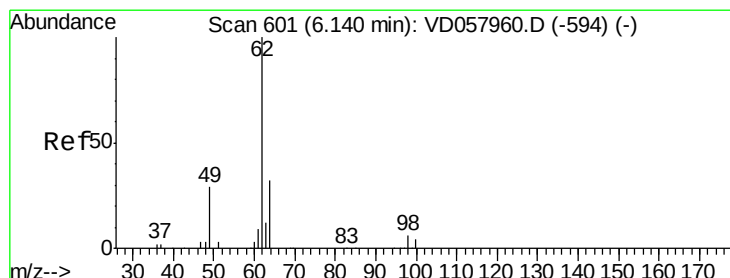
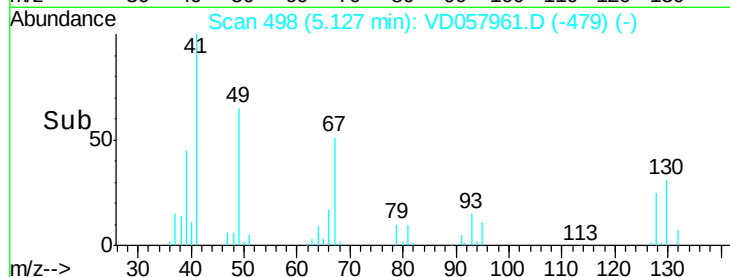
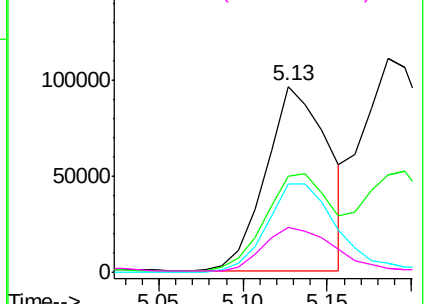


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 67.00 ug/l

RT: 6.13 min Scan# 600

Delta R.T. -0.01 min

Lab File: VD057961.D

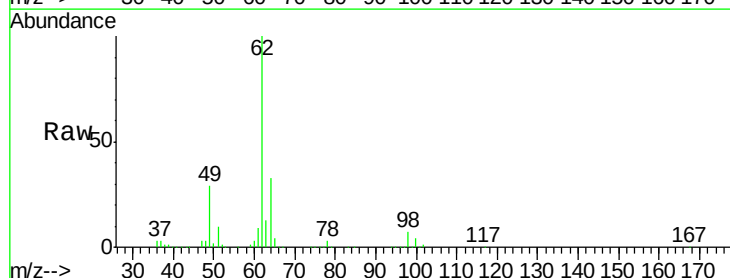
Acq: 6 Jun 2018 19:46

Tgt Ion: 62 Resp: 900371

Ion Ratio Lower Upper

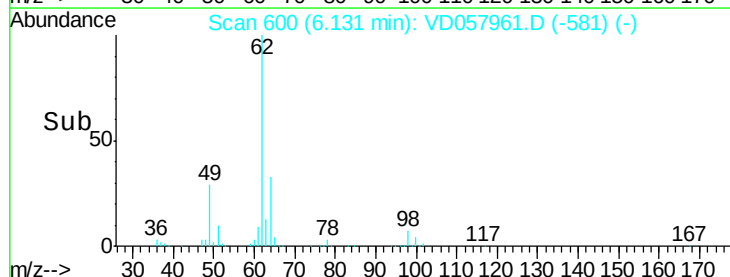
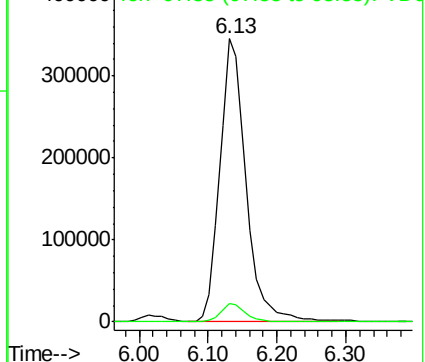
62 100

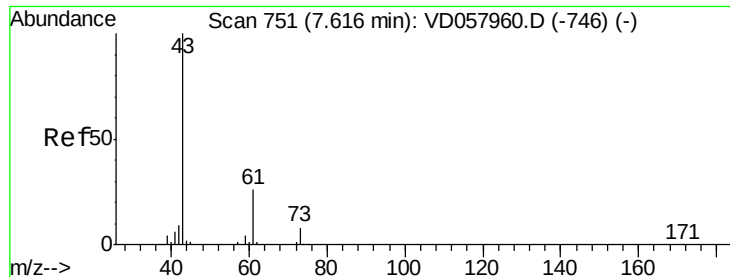
98 6.7 0.0 12.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 68.35 ug/l

RT: 7.62 min Scan# 751

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

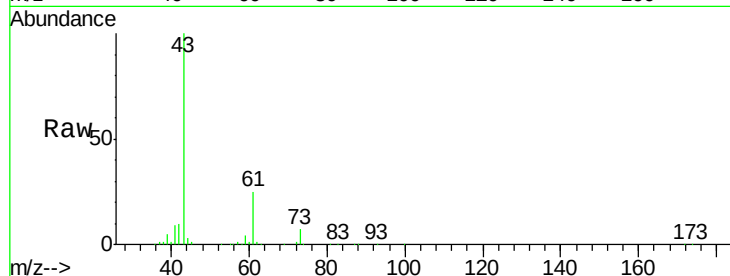
Tot Ion: 43 Resp: 695098

Ion Ratio Lower Upper

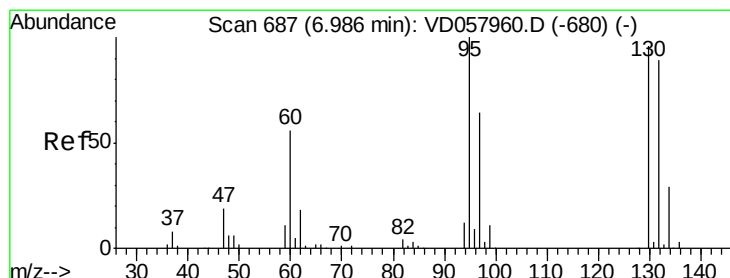
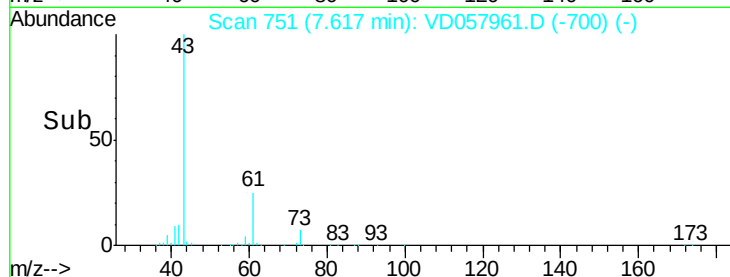
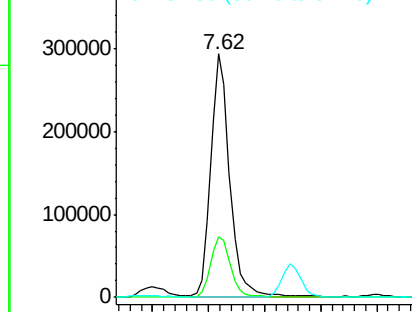
43 100

61 24.9 20.6 30.8

87 0.2 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: 68.02 ug/l

RT: 6.99 min Scan# 687

Delta R.T. 0.00 min

Lab File: VD057961.D

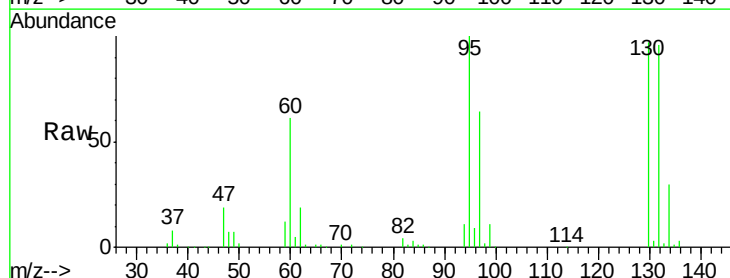
Acq: 6 Jun 2018 19:46

Tgt Ion:130 Resp: 660372

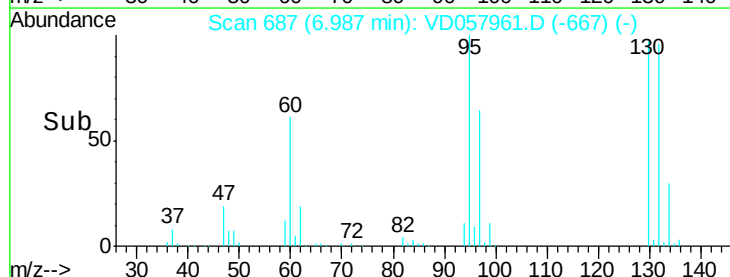
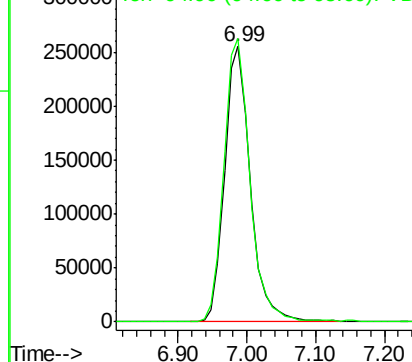
Ion Ratio Lower Upper

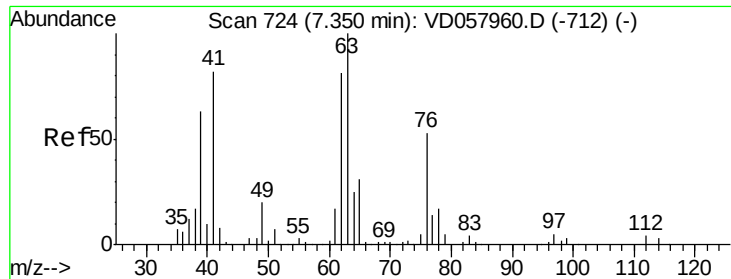
130 100

95 102.7 0.0 207.4



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

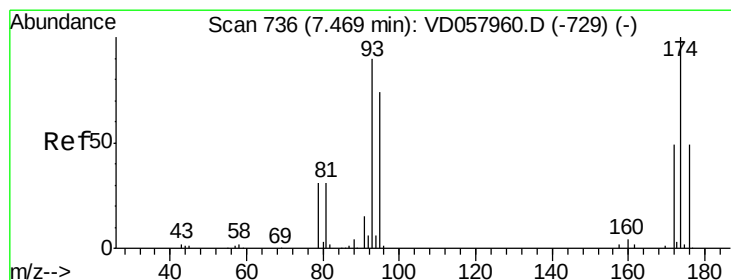
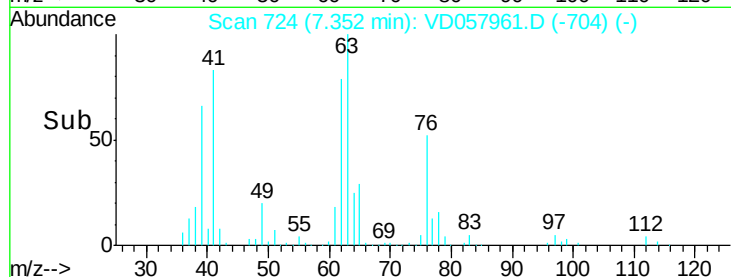
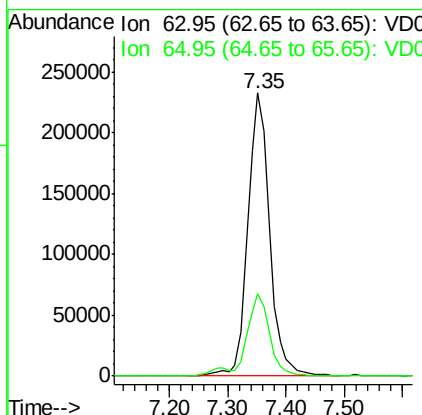
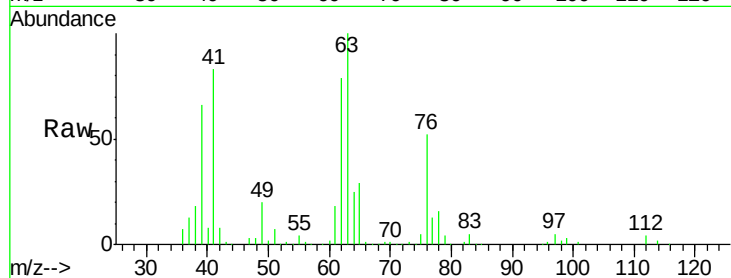




#45  
 1,2-Dichloropropane  
 Concen: 66.42 ug/l  
 RT: 7.35 min Scan# 724  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

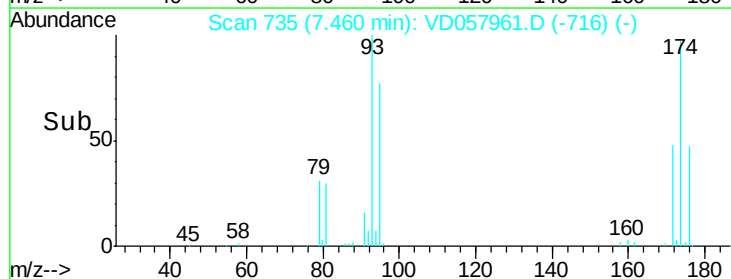
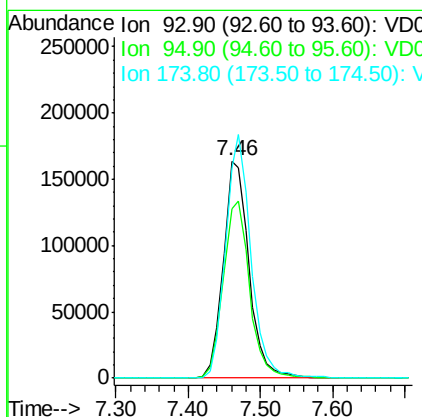
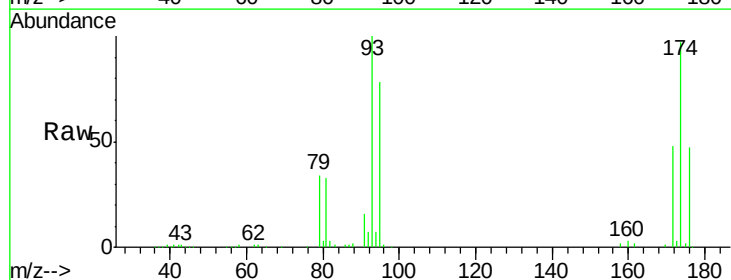
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

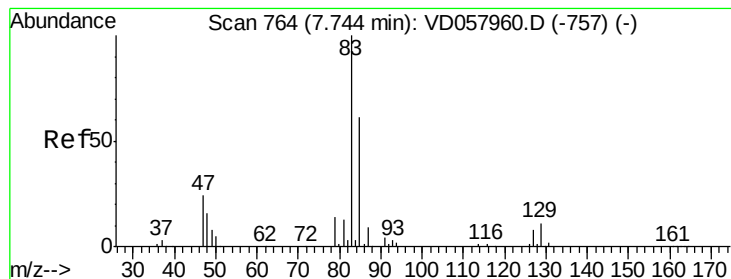
Tot Ion: 63 Resp: 613584  
 Ion Ratio Lower Upper  
 63 100  
 65 29.3 24.9 37.3



#46  
 Dibromomethane  
 Concen: 68.23 ug/l  
 RT: 7.46 min Scan# 735  
 Delta R.T. -0.01 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

Tgt Ion: 93 Resp: 404910  
 Ion Ratio Lower Upper  
 93 100  
 95 77.8 65.7 98.5  
 174 97.2 89.0 133.4





#47

Bromodichloromethane

Concen: 68.83 ug/l

RT: 7.75 min Scan# 764

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

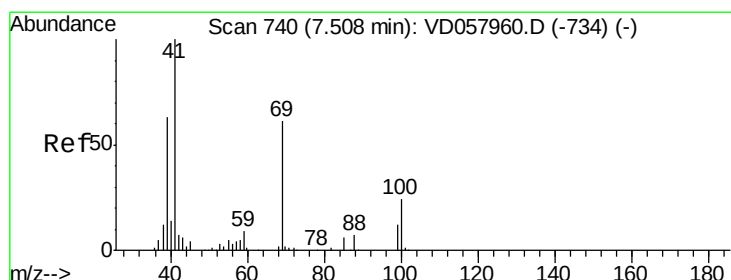
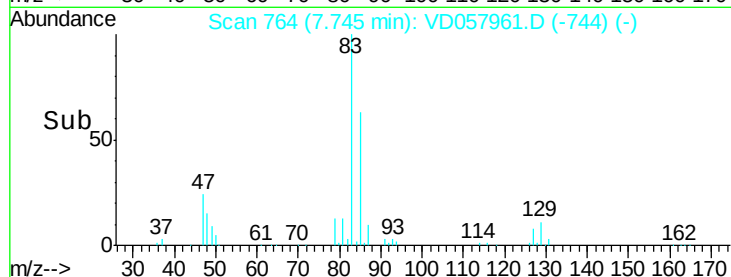
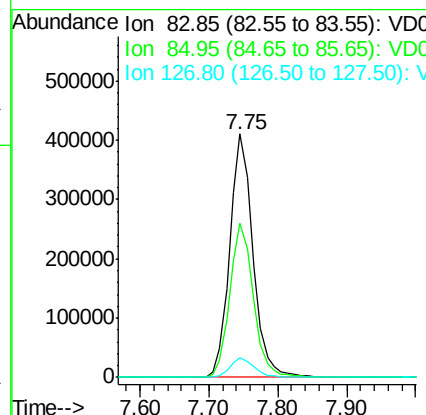
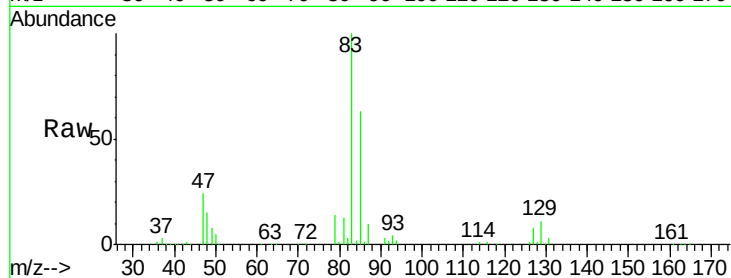
Tot Ion: 83 Resp: 956436

Ion Ratio Lower Upper

83 100

85 63.5 49.1 73.7

127 8.2 6.2 9.2



#48

Methyl methacrylate

Concen: 69.38 ug/l

RT: 7.51 min Scan# 740

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

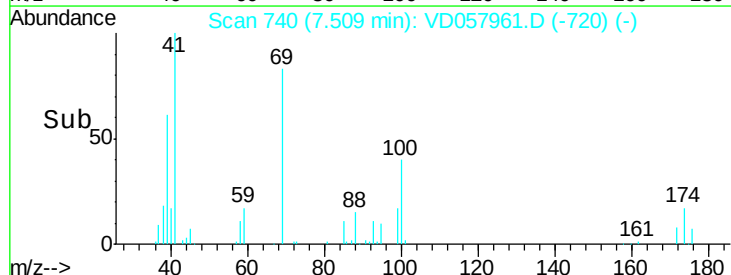
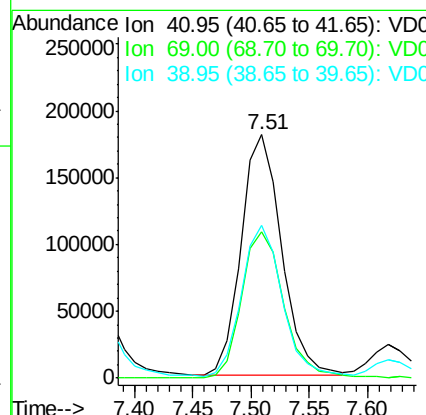
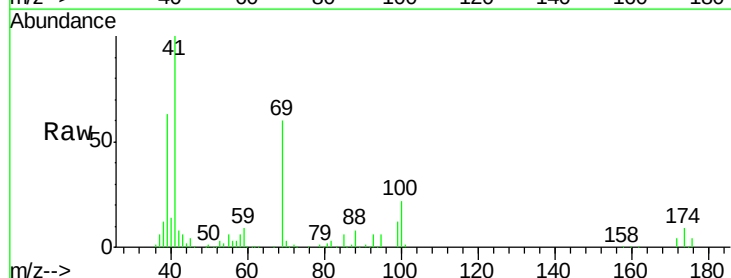
Tgt Ion: 41 Resp: 434235

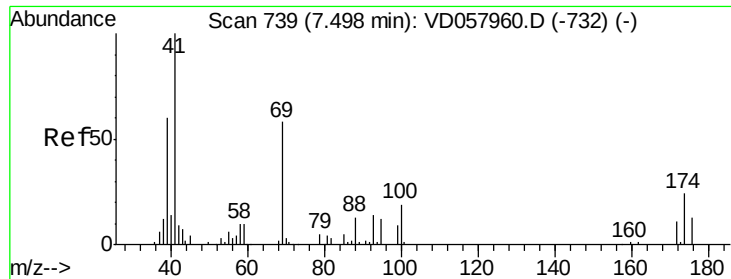
Ion Ratio Lower Upper

41 100

69 60.0 48.0 72.0

39 62.9 50.7 76.1





#49

1,4-Dioxane

Concen: 1394.34 ug/l

RT: 7.50 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

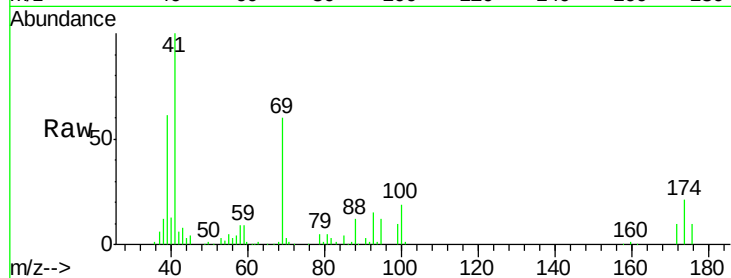
MSVOA\_D

ClientSampleId :

VSTDIC075

Tot Ion: 88 Resp: 72300

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 65.9  | 46.6  | 69.8  |
| 58  | 73.9  | 63.6  | 95.4  |

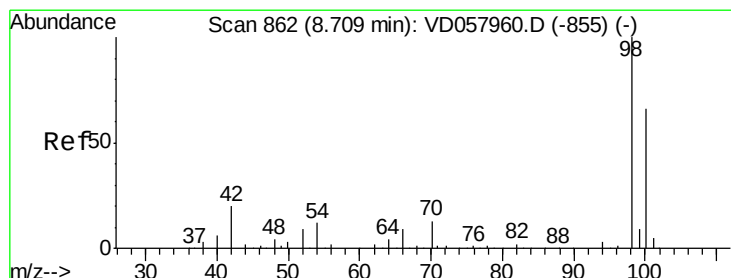
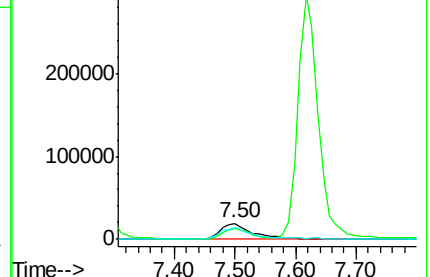
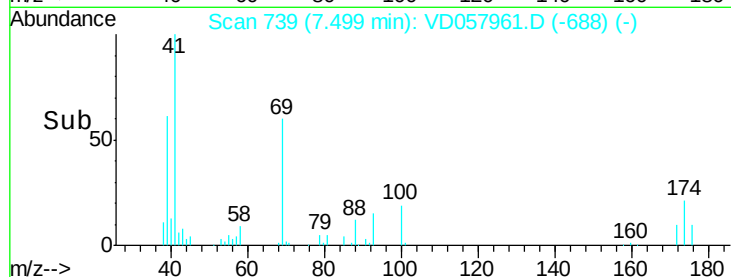


Abundance

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: 1394.34 ug/l

RT: 8.71 min Scan# 862

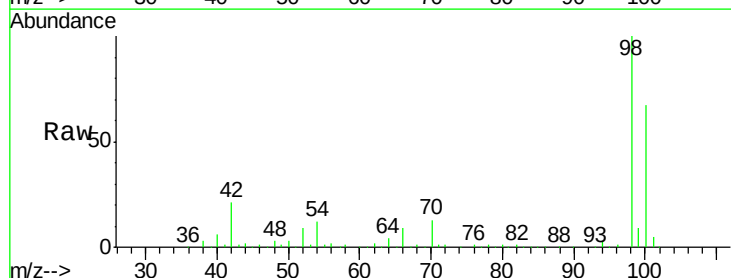
Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Tgt Ion: 98 Resp: 1469977

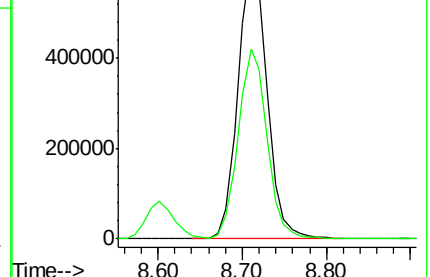
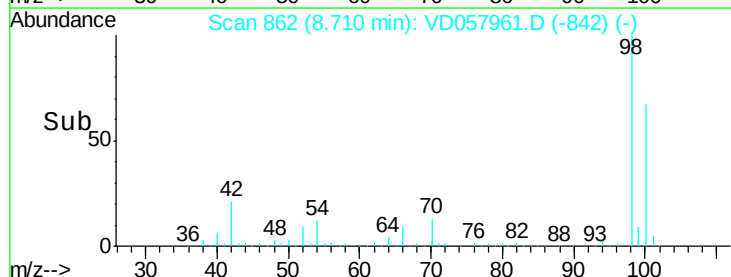
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 67.1  | 53.4  | 80.0  |

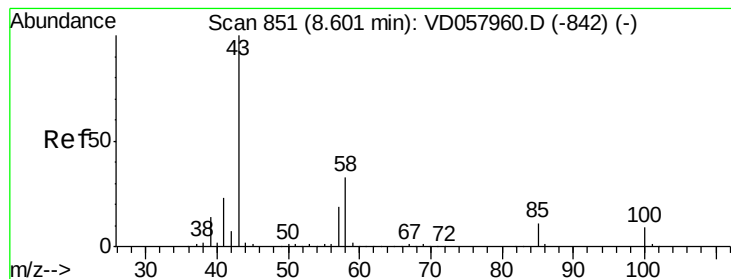


Abundance

Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 338.14 ug/l

RT: 8.60 min Scan# 851

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

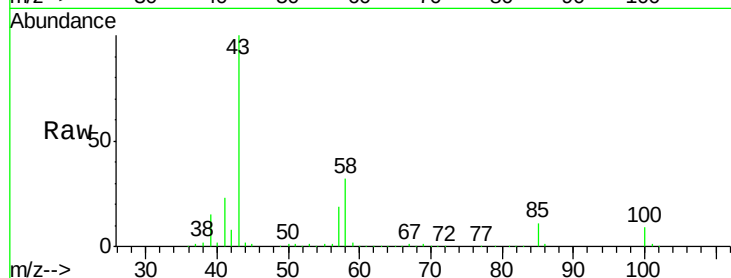
VSTDIC075

Tot Ion: 43 Resp: 2205574

Ion Ratio Lower Upper

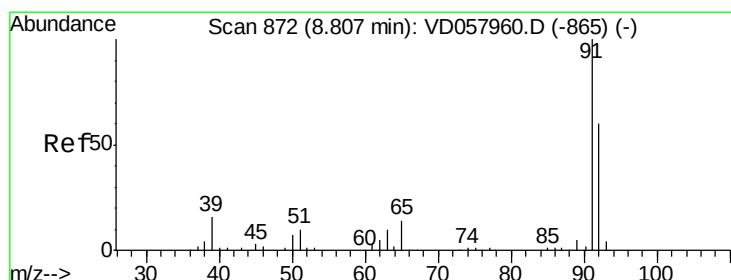
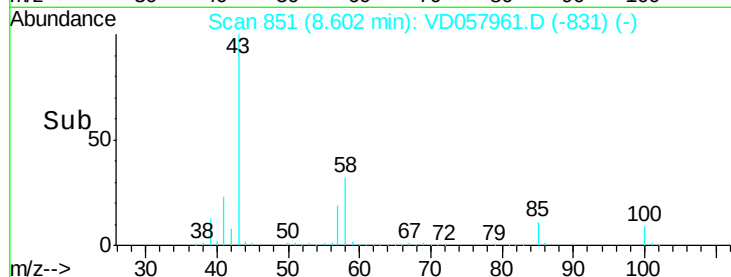
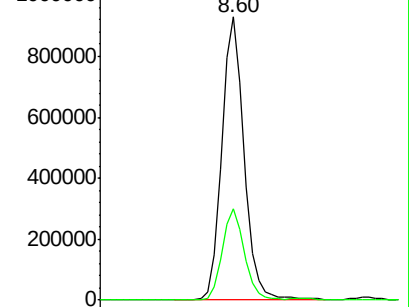
43 100

58 32.2 26.2 39.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 63.05 ug/l

RT: 8.81 min Scan# 872

Delta R.T. 0.00 min

Lab File: VD057961.D

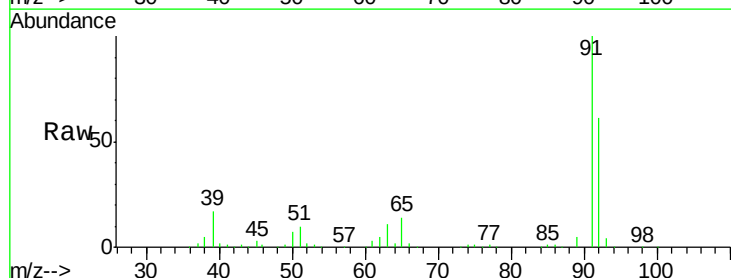
Acq: 6 Jun 2018 19:46

Tgt Ion: 92 Resp: 1202736

Ion Ratio Lower Upper

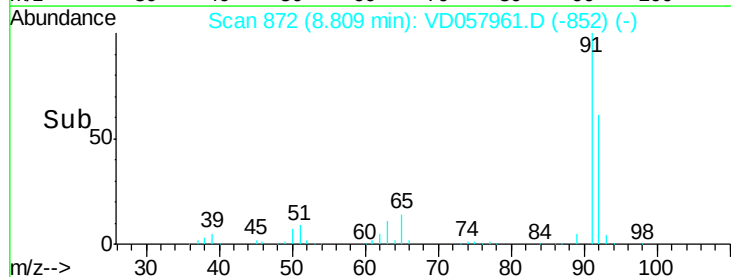
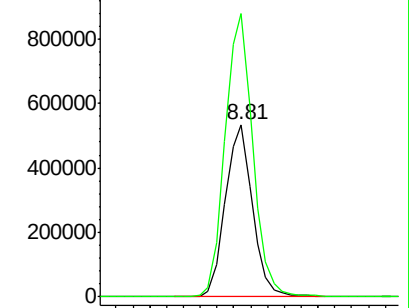
92 100

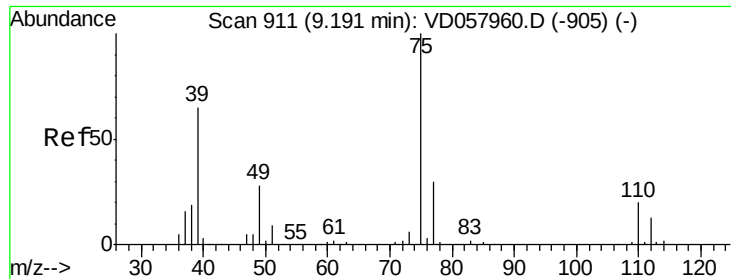
91 164.4 133.0 199.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

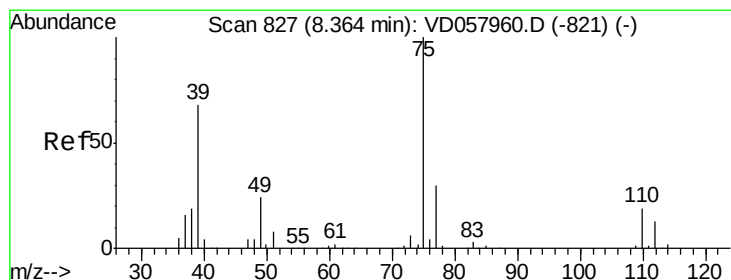
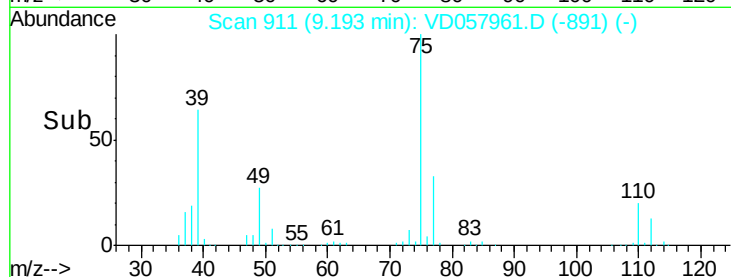
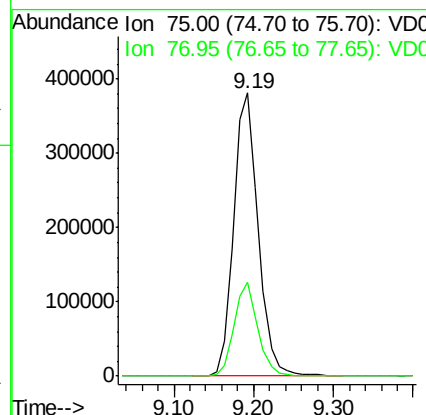
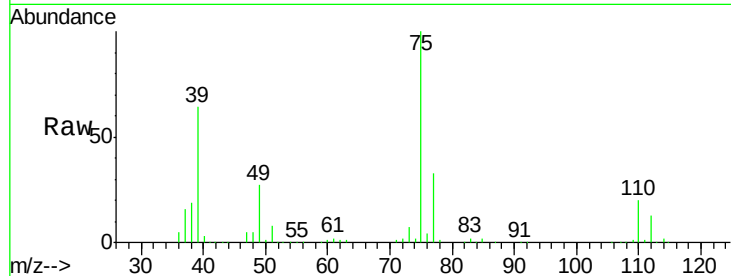




#53  
t-1,3-Dichloropropene  
Concen: 68.61 ug/l  
RT: 9.19 min Scan# 911  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

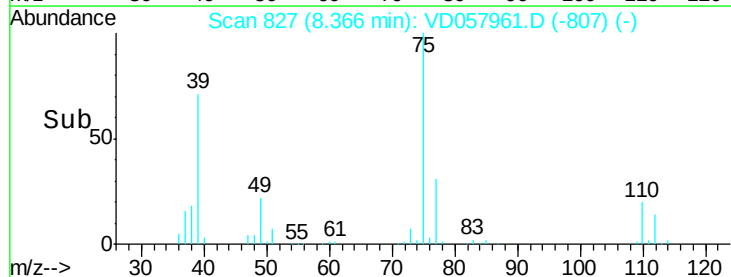
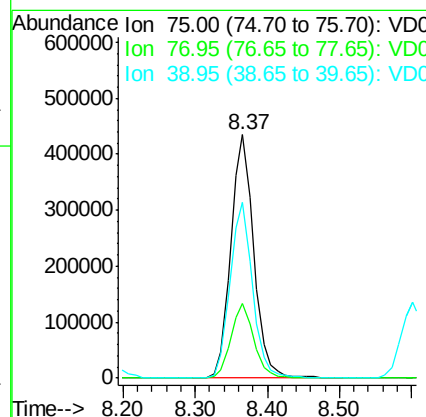
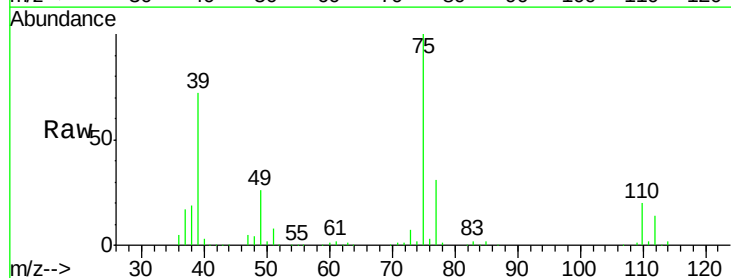
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

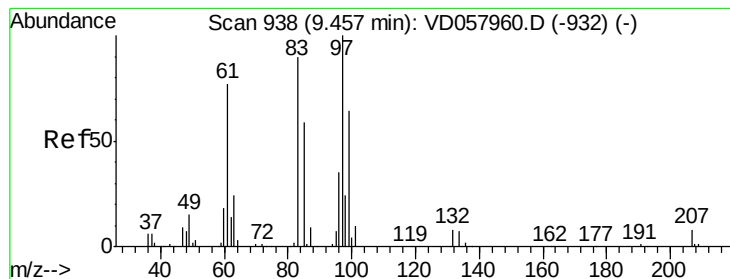
Tot Ion: 75 Resp: 821365  
Ion Ratio Lower Upper  
75 100  
77 33.1 24.3 36.5



#54  
cis-1,3-Dichloropropene  
Concen: 68.18 ug/l  
RT: 8.37 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Tgt Ion: 75 Resp: 961646  
Ion Ratio Lower Upper  
75 100  
77 30.8 24.1 36.1  
39 72.4 54.0 81.0





#55

1,1,2-Trichloroethane

Concen: 67.18 ug/l

RT: 9.46 min Scan# 938

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

Tot Ion: 97 Resp: 414770

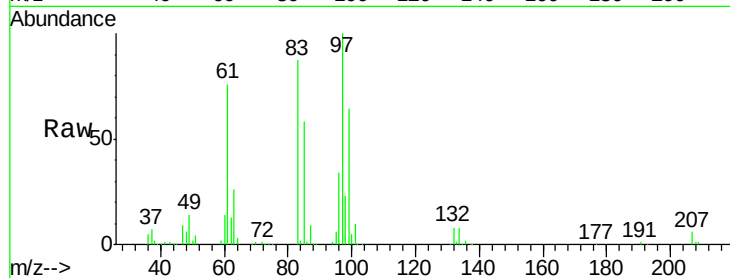
Ion Ratio Lower Upper

97 100

83 87.0 71.8 107.8

85 57.6 47.2 70.8

99 63.8 51.4 77.0

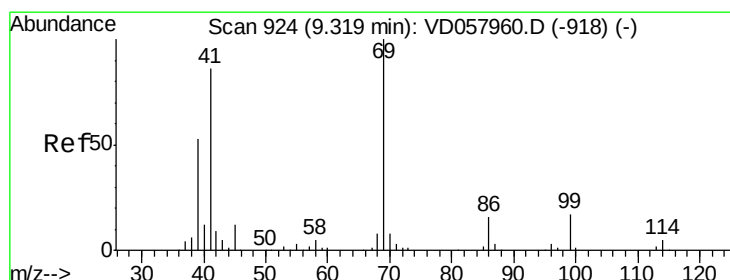
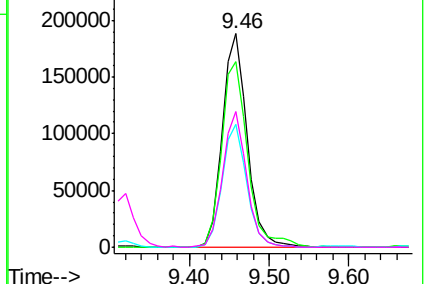
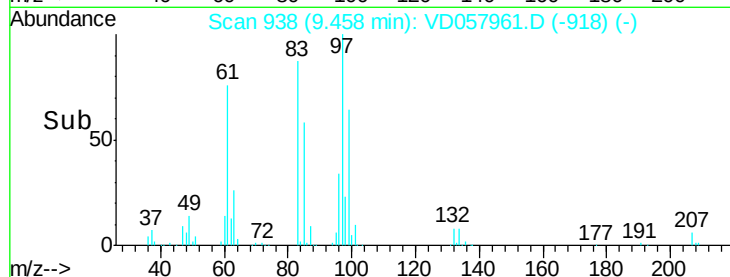


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 67.52 ug/l

RT: 9.32 min Scan# 924

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

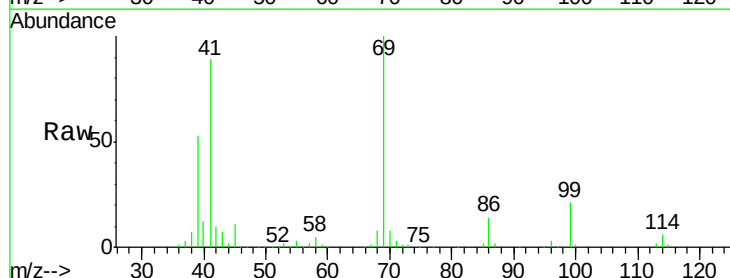
Tgt Ion: 69 Resp: 511343

Ion Ratio Lower Upper

69 100

41 89.1 68.4 102.6

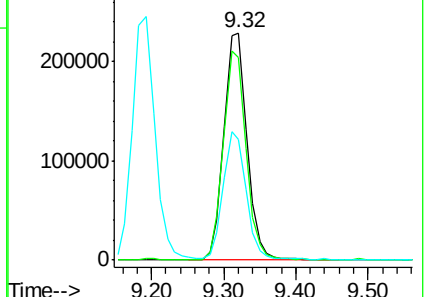
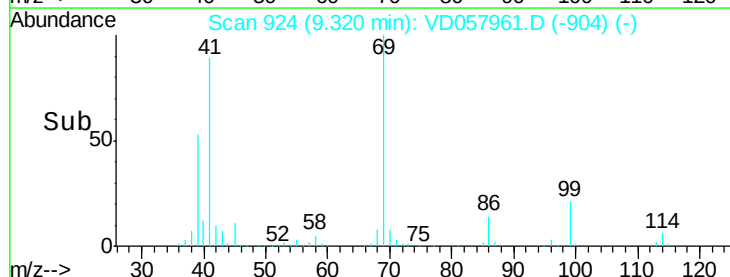
39 53.3 43.0 64.4



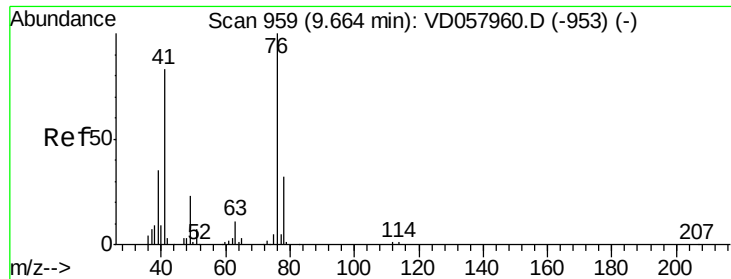
Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC







#57

1,3-Dichloropropane

Concen: 67.27 ug/l

RT: 9.67 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

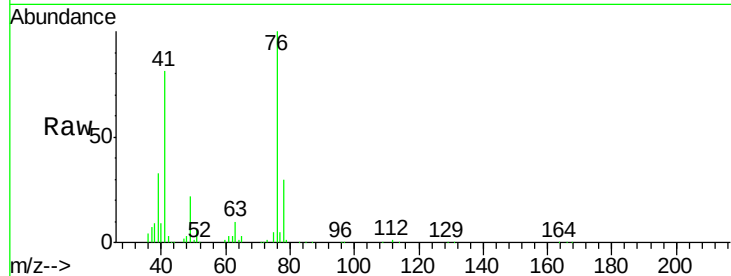
VSTDIC075

Tot Ion: 76 Resp: 728455

Ion Ratio Lower Upper

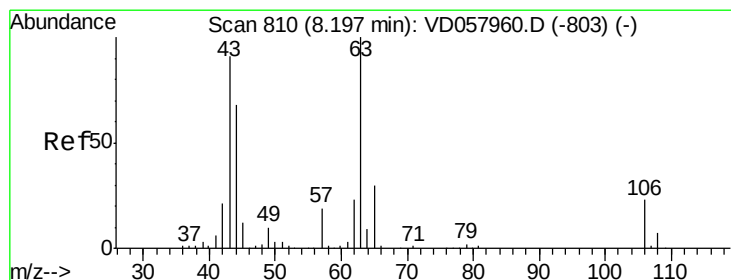
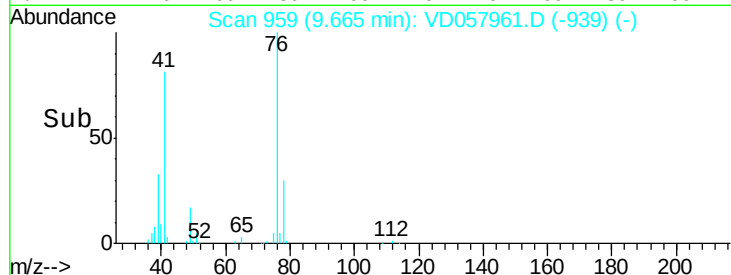
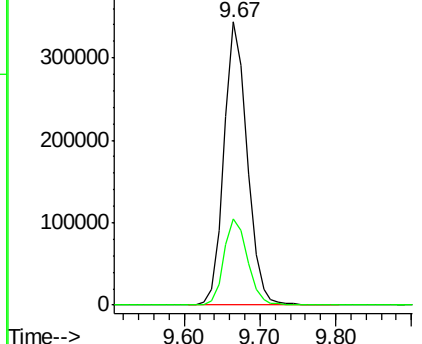
76 100

78 30.3 25.4 38.2



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: 322.34 ug/l

RT: 8.20 min Scan# 810

Delta R.T. 0.00 min

Lab File: VD057961.D

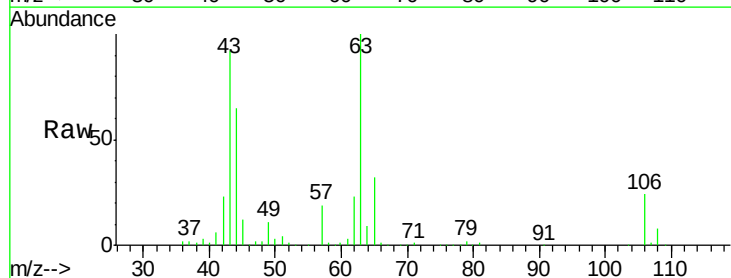
Acq: 6 Jun 2018 19:46

Tgt Ion: 63 Resp: 1233326

Ion Ratio Lower Upper

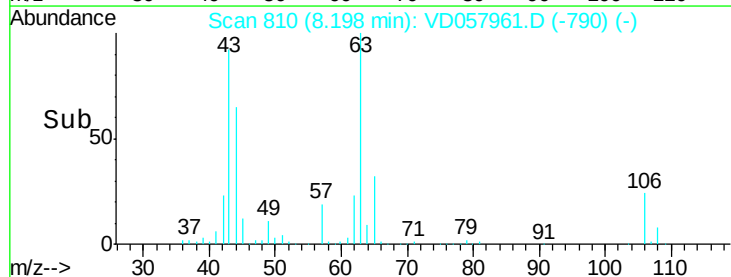
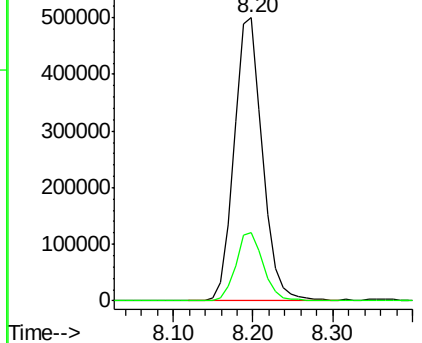
63 100

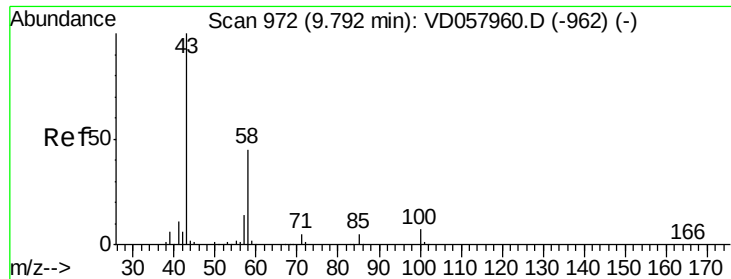
106 24.0 18.7 28.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

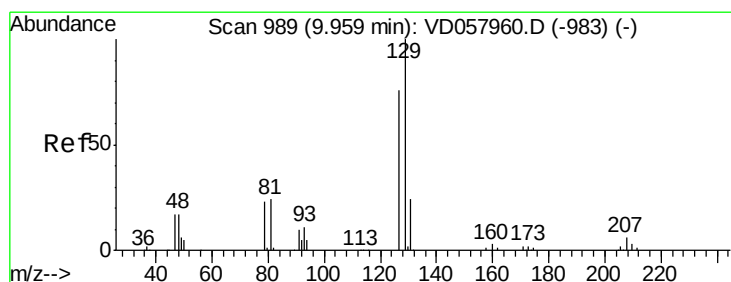
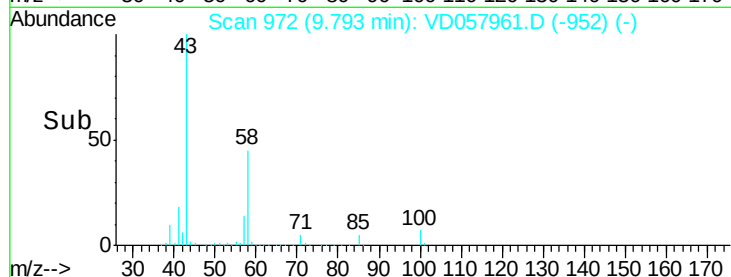
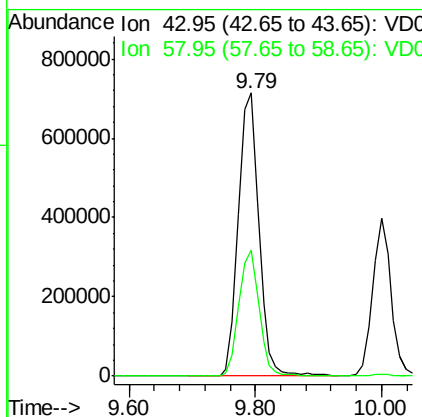
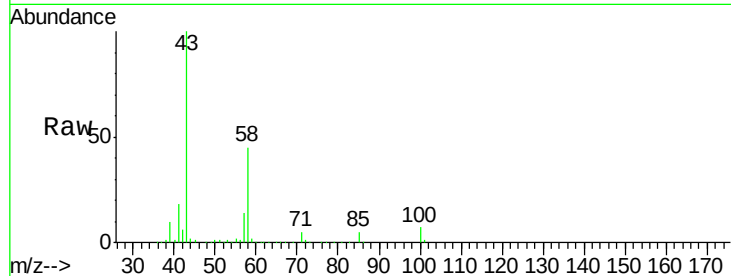




#59  
2-Hexanone  
Concen: 334.65 ug/l  
RT: 9.79 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

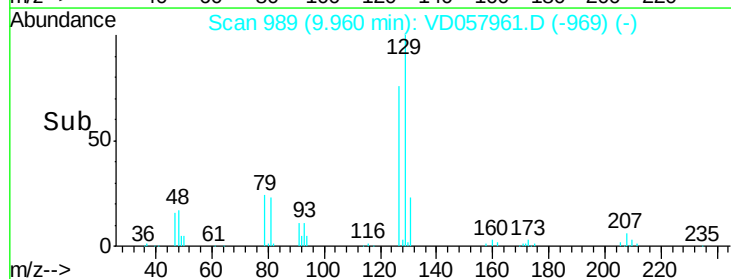
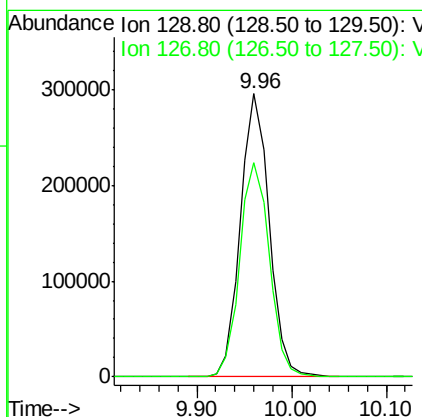
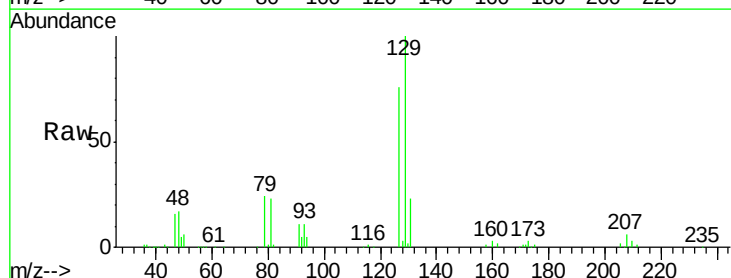
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

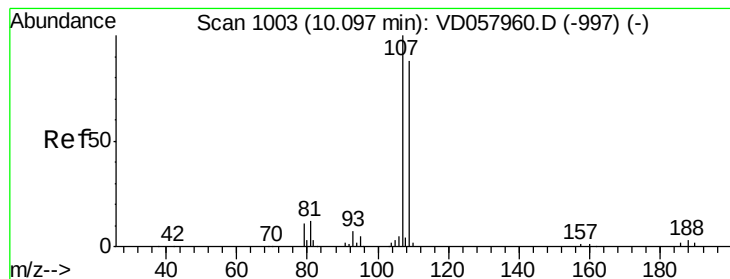
Tot Ion: 43 Resp: 1599690  
Ion Ratio Lower Upper  
43 100  
58 44.6 22.5 67.5



#60  
Dibromochloromethane  
Concen: 71.71 ug/l  
RT: 9.96 min Scan# 989  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Tgt Ion: 129 Resp: 624283  
Ion Ratio Lower Upper  
129 100  
127 75.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 69.91 ug/l

RT: 10.10 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

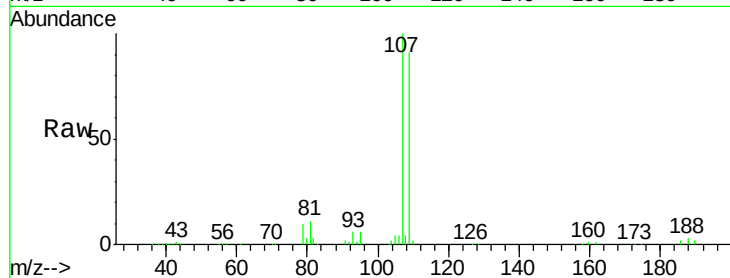
VSTDIC075

Tot Ion:107 Resp: 496362

Ion Ratio Lower Upper

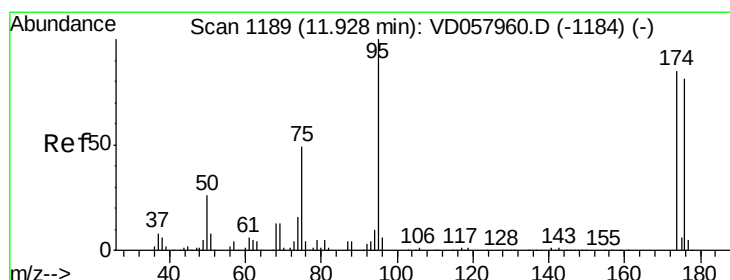
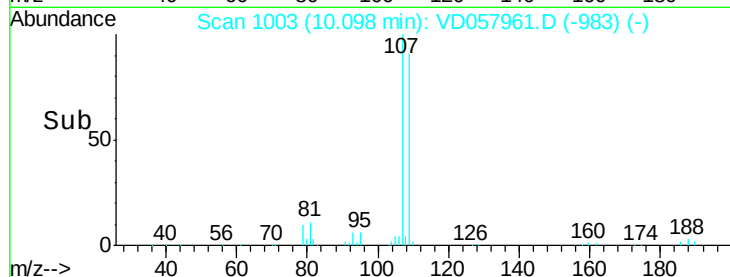
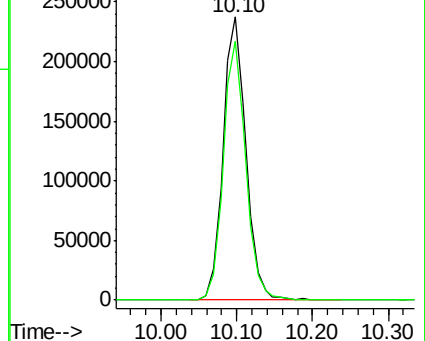
107 100

109 91.5 70.6 106.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 69.91 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

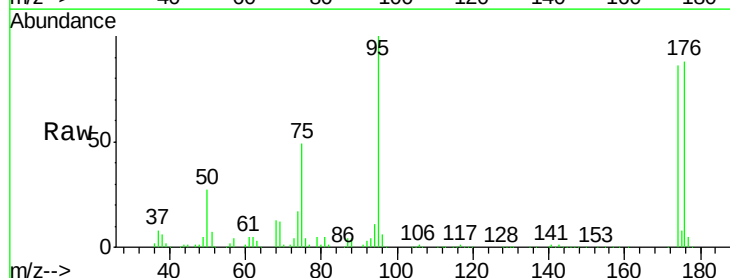
Tgt Ion: 95 Resp: 649346

Ion Ratio Lower Upper

95 100

174 86.3 0.0 169.4

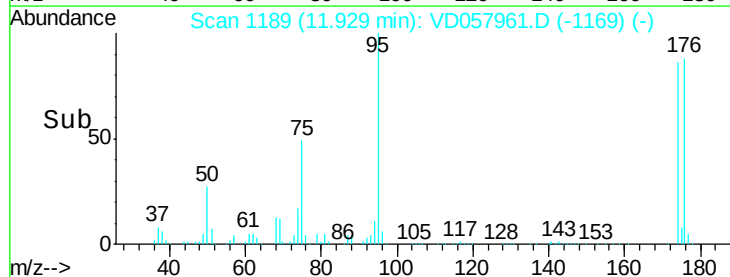
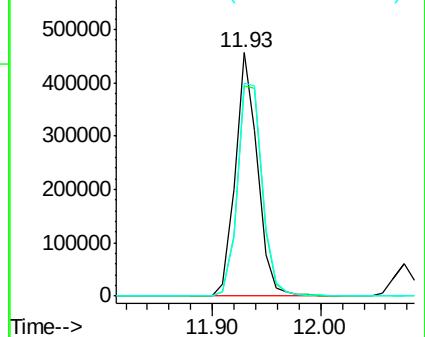
176 87.6 0.0 162.6

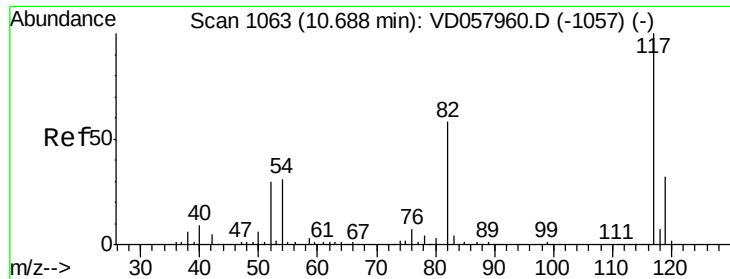


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

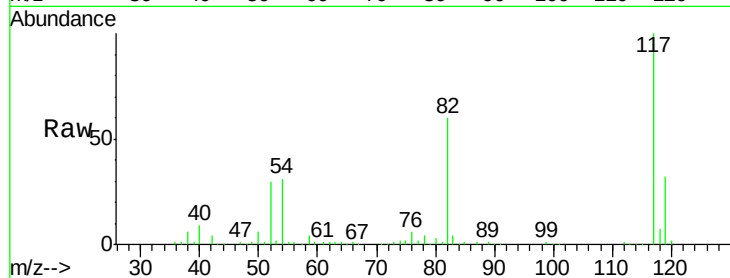




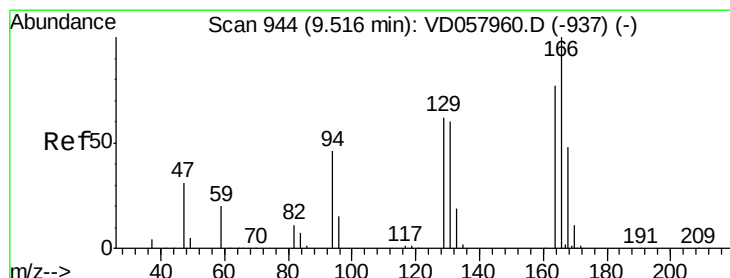
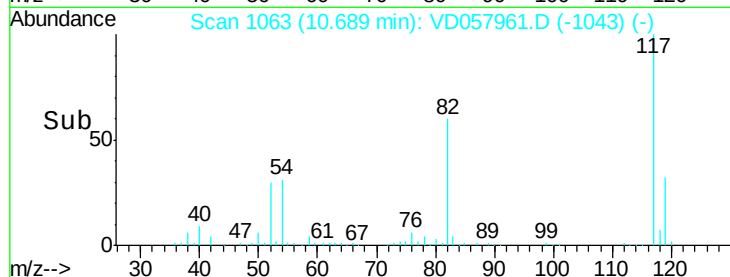
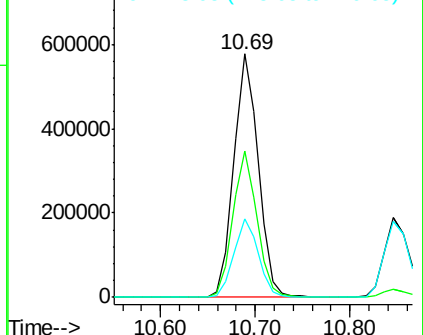
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.69 min Scan# 1063  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tot Ion:117 Resp: 1036581  
Ion Ratio Lower Upper  
117 100  
82 59.9 46.8 70.2  
119 32.0 25.8 38.6

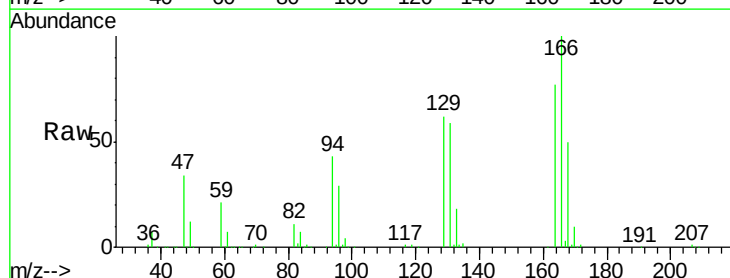


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

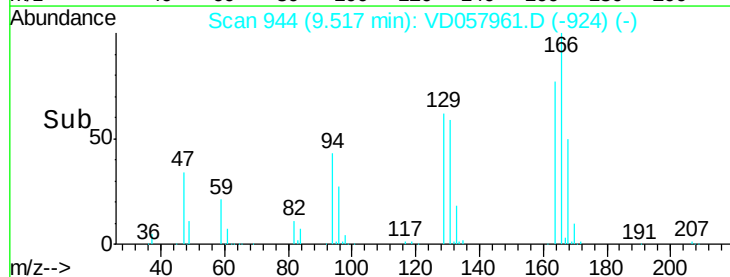
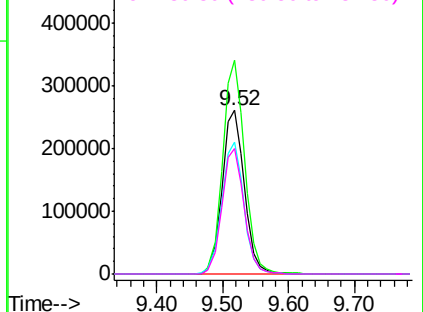


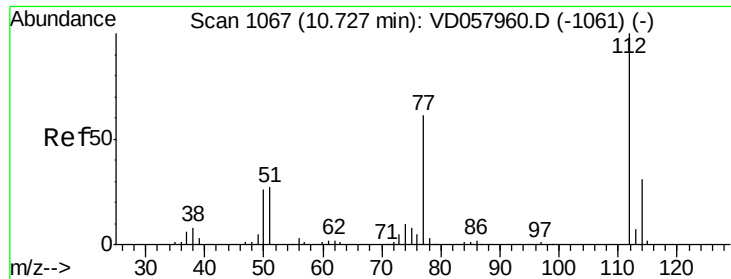
#64  
Tetrachloroethene  
Concen: 66.10 ug/l  
RT: 9.52 min Scan# 944  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Tgt Ion:164 Resp: 612591  
Ion Ratio Lower Upper  
164 100  
166 130.7 104.4 156.6  
129 80.4 65.0 97.6  
131 77.2 62.9 94.3



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

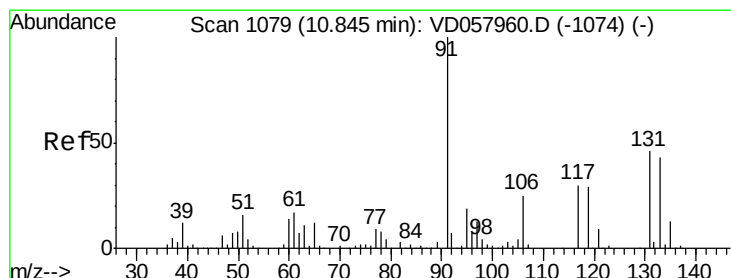
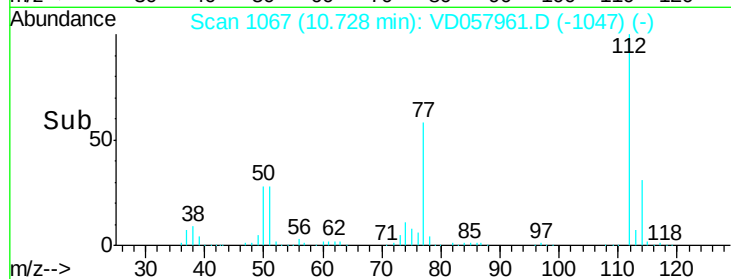
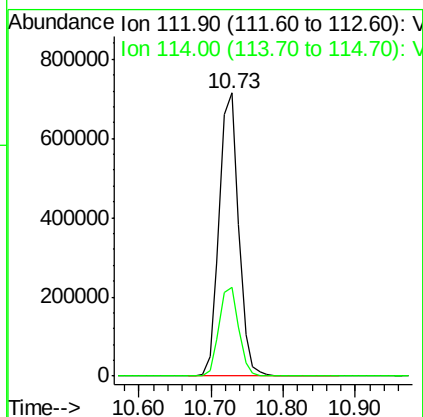
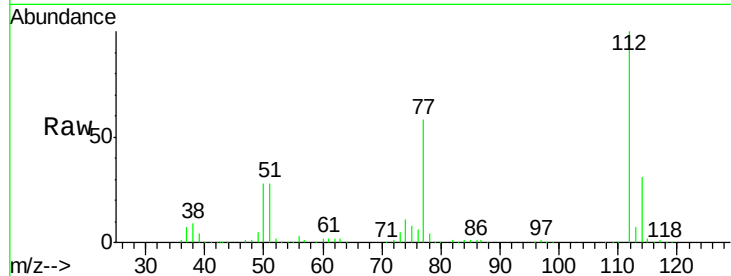




#65  
Chlorobenzene  
Concen: 63.52 ug/l  
RT: 10.73 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

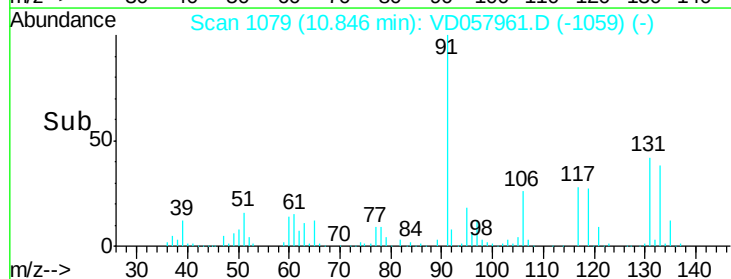
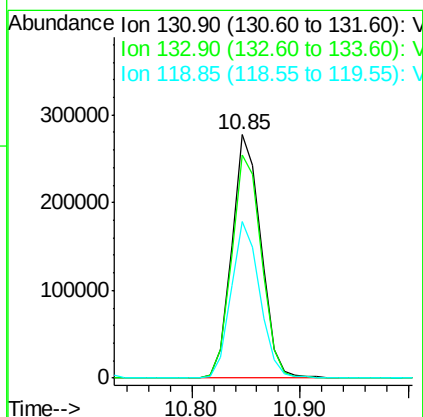
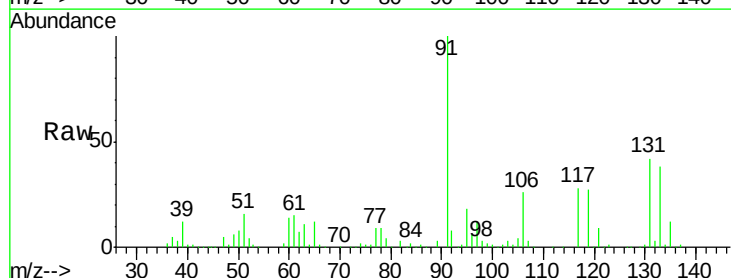
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

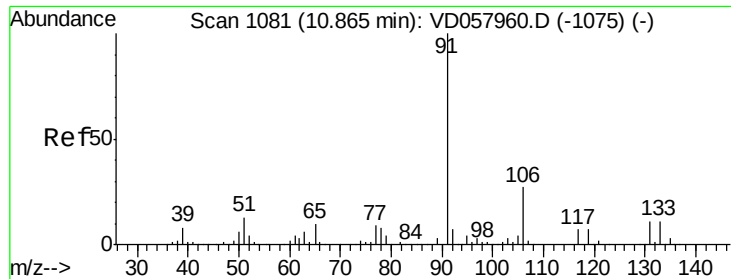
Tot Ion:112 Resp: 1332877  
Ion Ratio Lower Upper  
112 100  
114 31.4 24.9 37.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 64.43 ug/l  
RT: 10.85 min Scan# 1079  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Tgt Ion:131 Resp: 519461  
Ion Ratio Lower Upper  
131 100  
133 91.9 46.9 140.6  
119 64.5 31.8 95.3

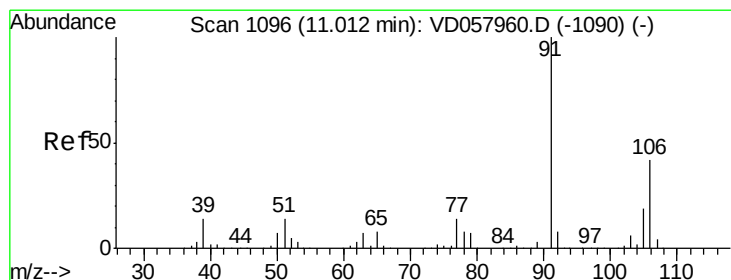
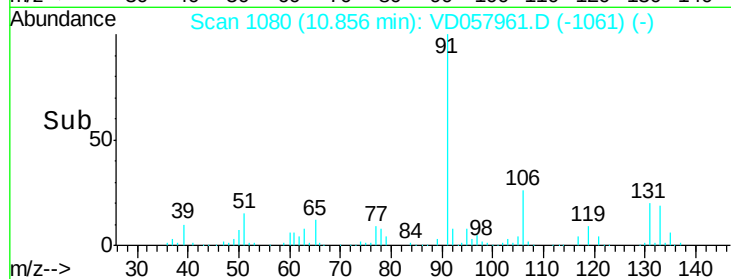
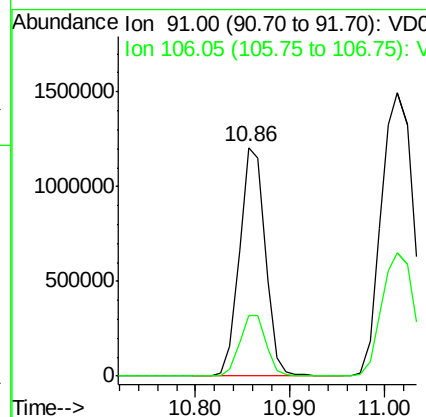
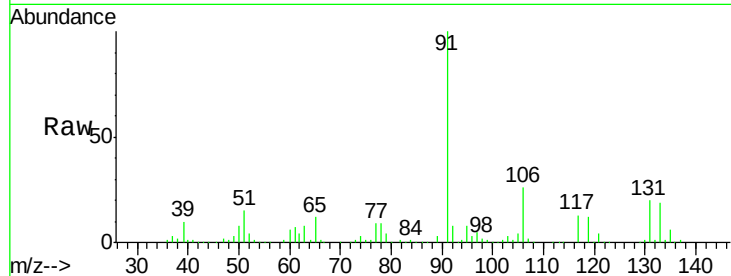




#67  
Ethyl Benzene  
Concen: 59.88 ug/l  
RT: 10.86 min Scan# 1080  
Delta R.T. -0.01 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

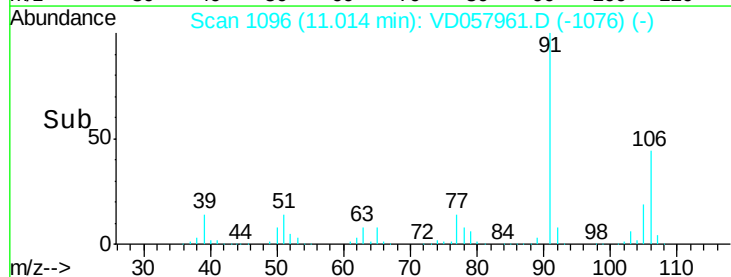
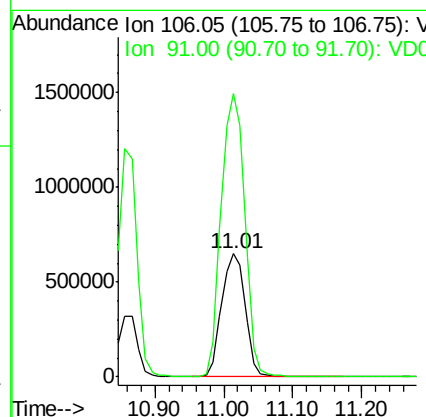
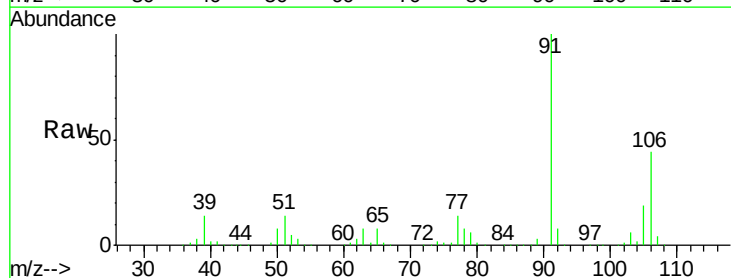
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

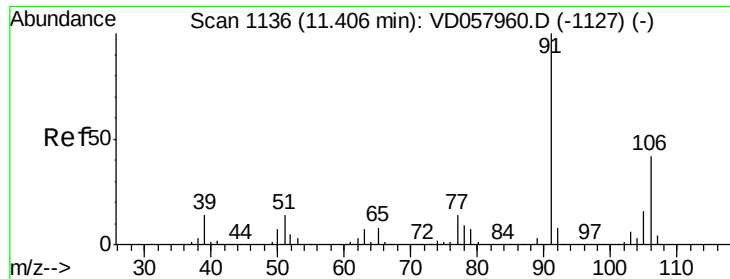
Tot Ion: 91 Resp: 2270144  
Ion Ratio Lower Upper  
91 100  
106 26.3 21.5 32.3



#68  
m/p-Xylenes  
Concen: 123.74 ug/l  
RT: 11.01 min Scan# 1096  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Tgt Ion: 106 Resp: 1529379  
Ion Ratio Lower Upper  
106 100  
91 229.6 190.4 285.6

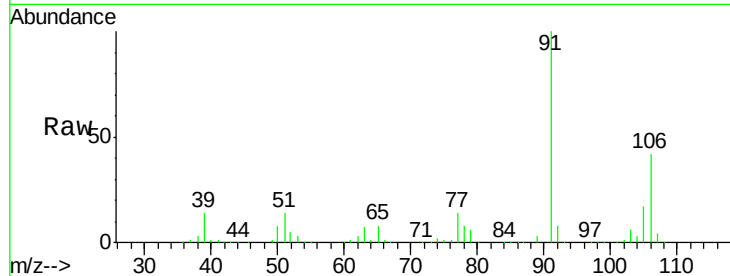




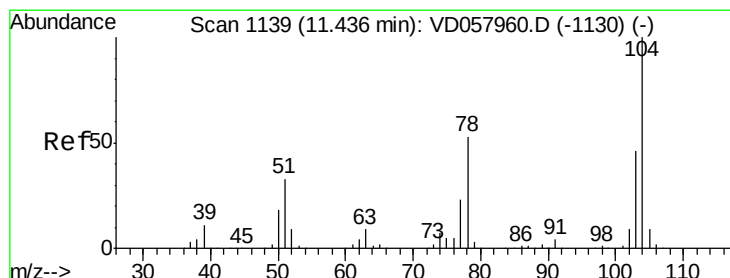
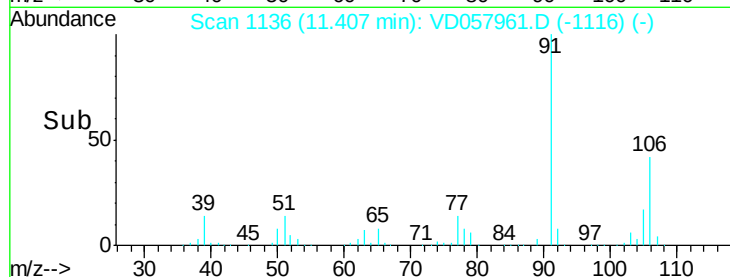
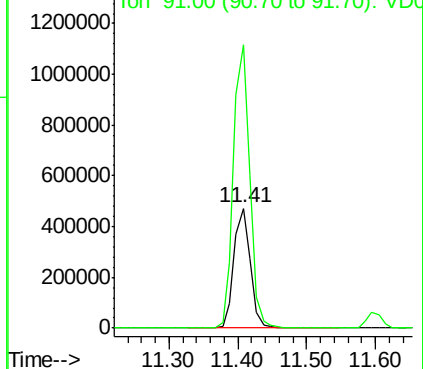
#69  
o-Xylene  
Concen: 63.86 ug/l  
RT: 11.41 min Scan# 1136  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tot Ion:106 Resp: 783388  
Ion Ratio Lower Upper  
106 100  
91 236.1 120.6 361.7

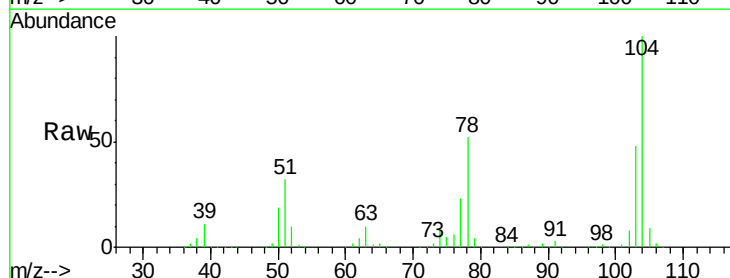


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

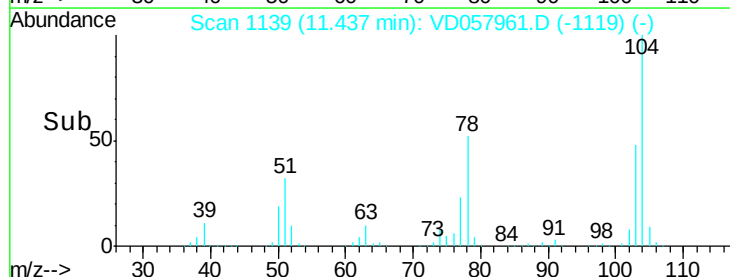
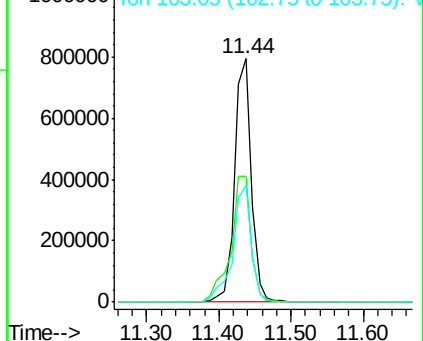


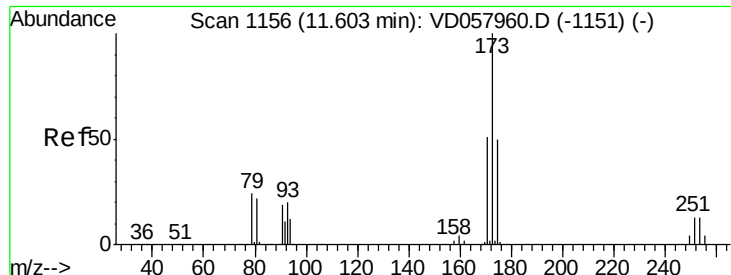
#70  
Styrene  
Concen: 63.52 ug/l  
RT: 11.44 min Scan# 1139  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Tgt Ion:104 Resp: 1290103  
Ion Ratio Lower Upper  
104 100  
78 51.6 42.1 63.1  
103 48.1 37.0 55.6



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

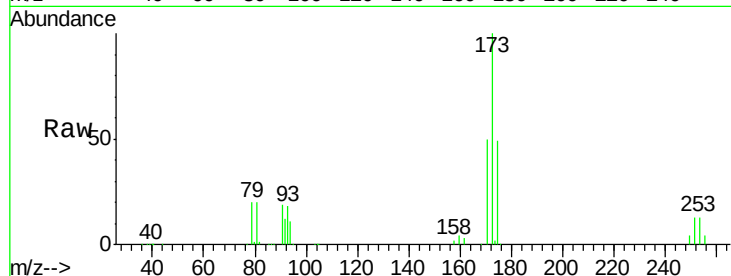




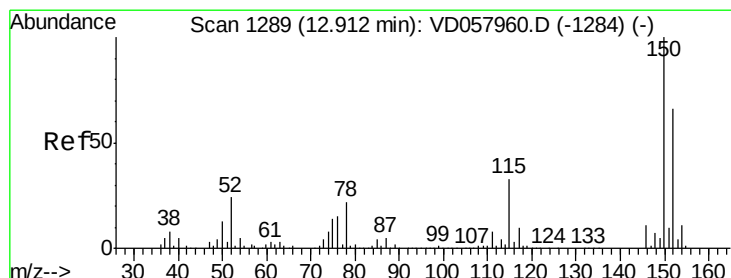
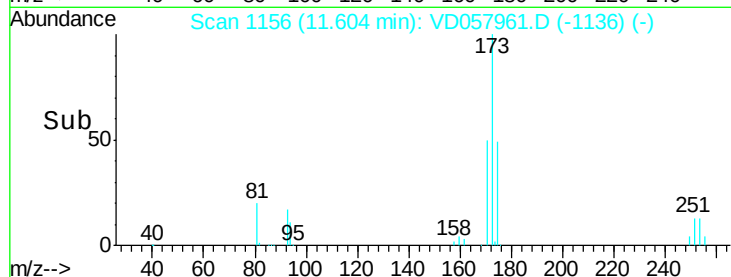
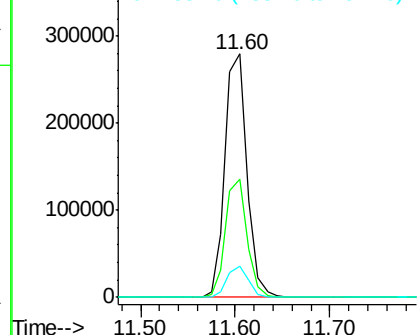
#71  
Bromoform  
Concen: 74.20 ug/l  
RT: 11.60 min Scan# 1156  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tot Ion:173 Resp: 450019  
Ion Ratio Lower Upper  
173 100  
175 48.6 25.1 75.2  
254 12.8 10.7 16.1

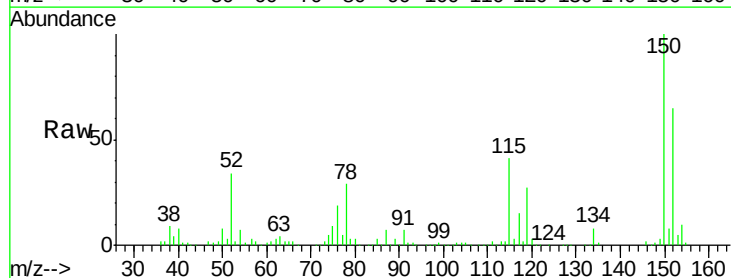


Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V

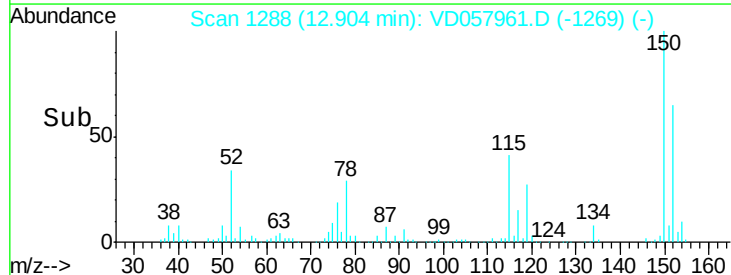
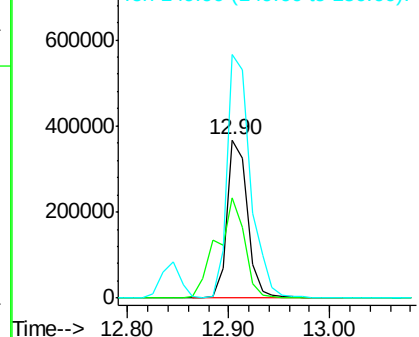


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.90 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

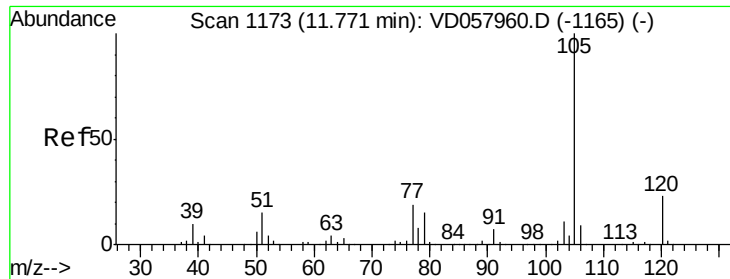
Tgt Ion:152 Resp: 515909  
Ion Ratio Lower Upper  
152 100  
115 63.2 25.6 76.6  
150 154.2 0.0 306.8



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: 64.13 ug/l

RT: 11.77 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

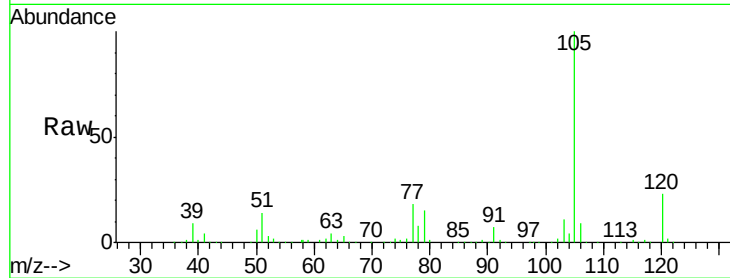
VSTDIC075

Tot Ion:105 Resp: 2191500

Ion Ratio Lower Upper

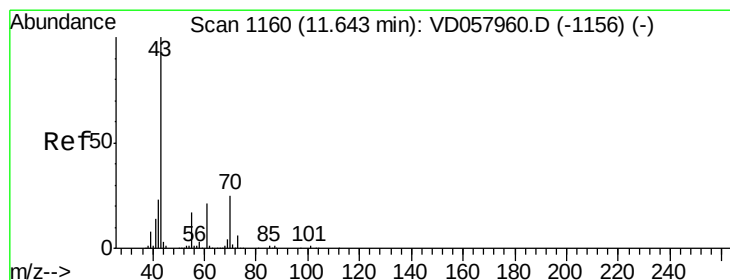
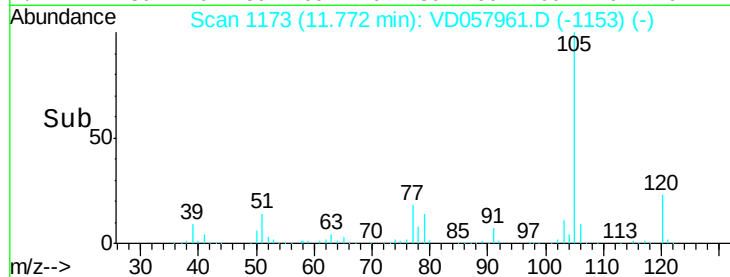
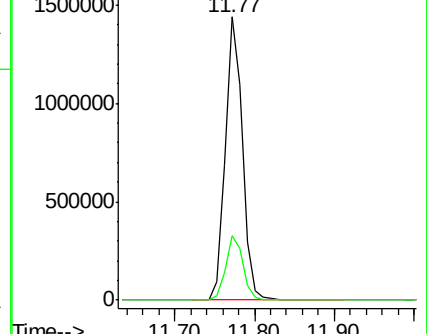
105 100

120 22.8 11.3 33.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 70.16 ug/l

RT: 11.64 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Tgt Ion: 43 Resp: 925074

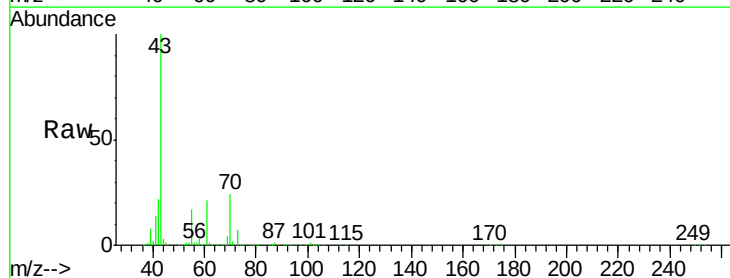
Ion Ratio Lower Upper

43 100

70 23.9 20.3 30.5

55 16.9 13.9 20.9

61 20.8 16.6 24.8

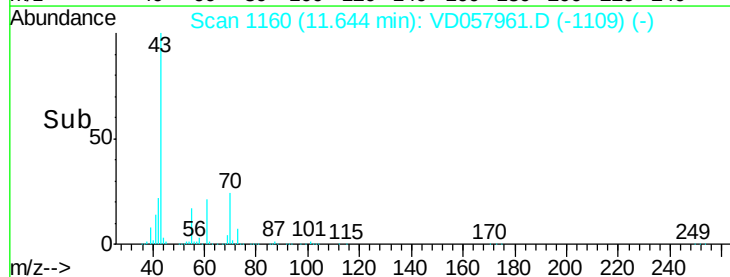
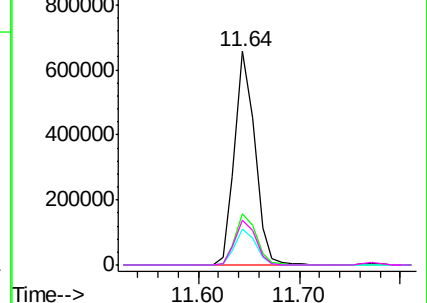


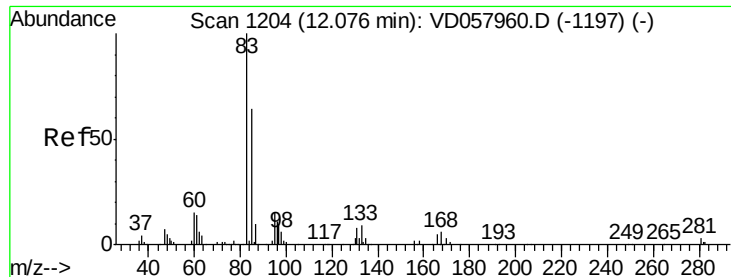
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 66.79 ug/l

RT: 12.08 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

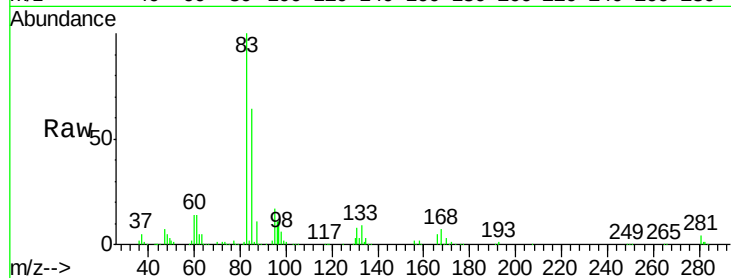
Tot Ion: 83 Resp: 497572

Ion Ratio Lower Upper

83 100

131 8.2 4.2 12.6

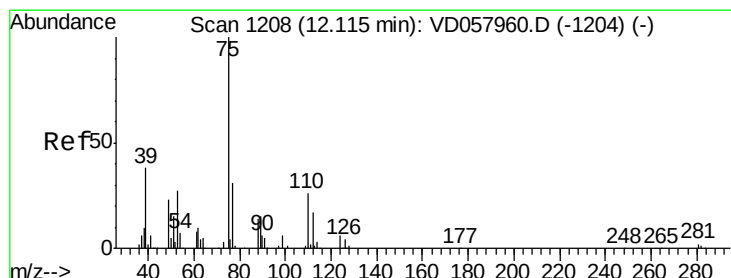
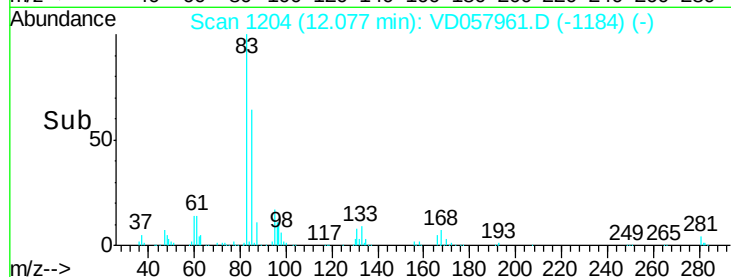
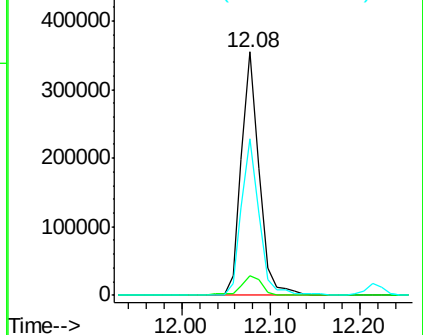
85 64.1 31.9 95.5



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 67.75 ug/l

RT: 12.12 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VD057961.D

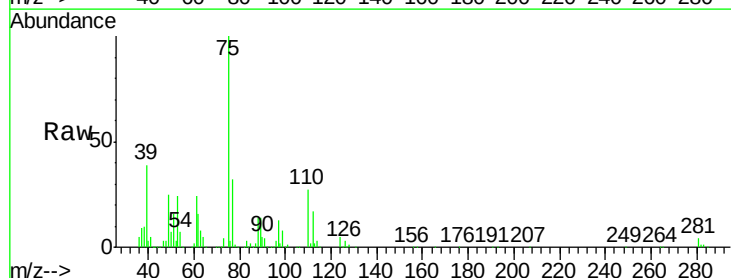
Acq: 6 Jun 2018 19:46

Tgt Ion: 75 Resp: 525010

Ion Ratio Lower Upper

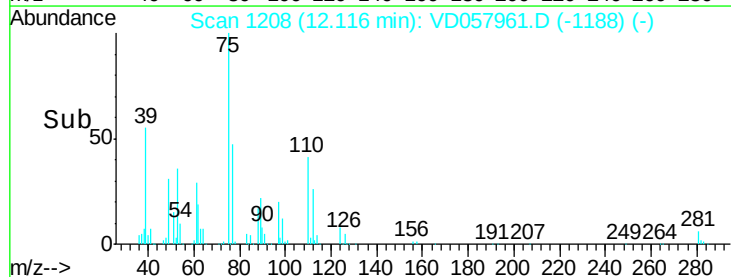
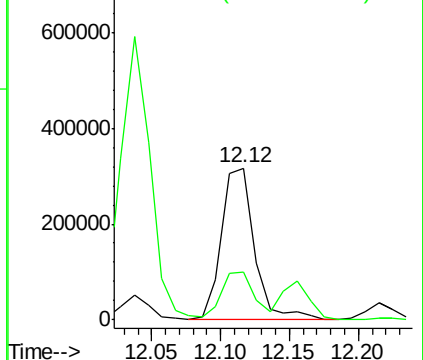
75 100

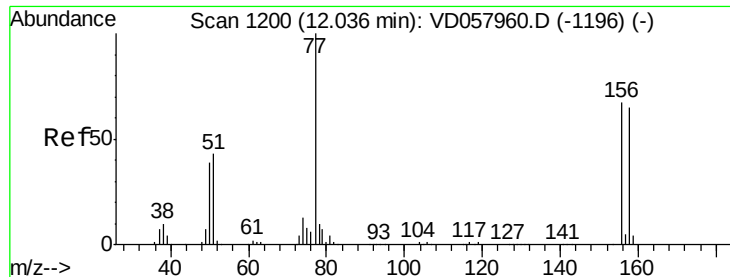
77 31.9 16.7 50.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

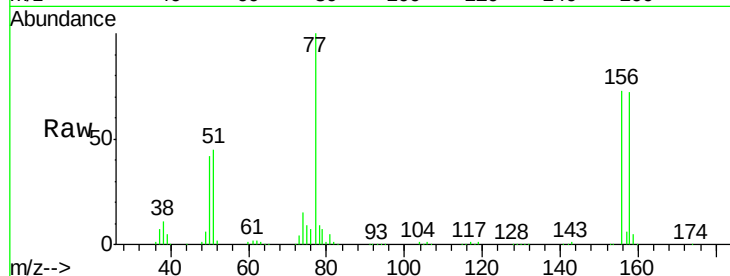




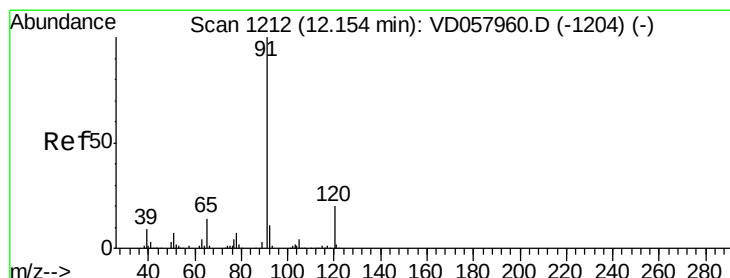
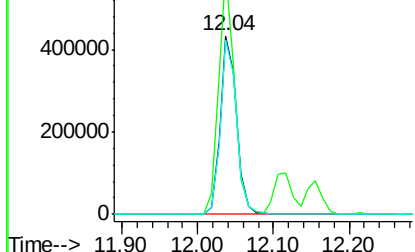
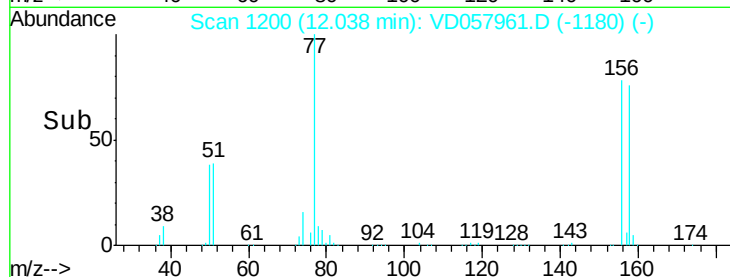
#77  
Bromobenzene  
Concen: 64.37 ug/l  
RT: 12.04 min Scan# 1200  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tot Ion:156 Resp: 651109  
Ion Ratio Lower Upper  
156 100  
77 136.2 75.0 224.8  
158 97.5 48.6 145.9

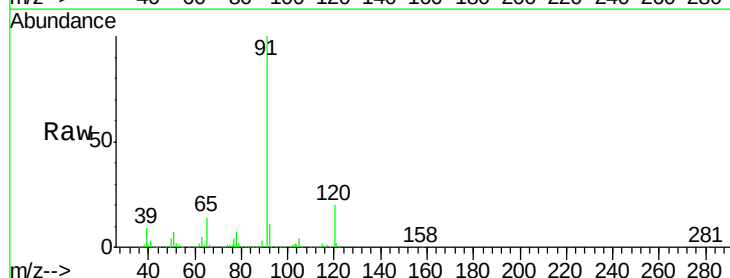


Abundance Ion 155.90 (155.60 to 156.60): V  
Ion 76.95 (76.65 to 77.65): VDC  
Ion 157.85 (157.55 to 158.55): V

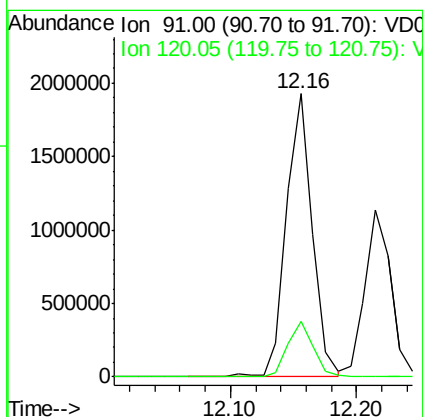
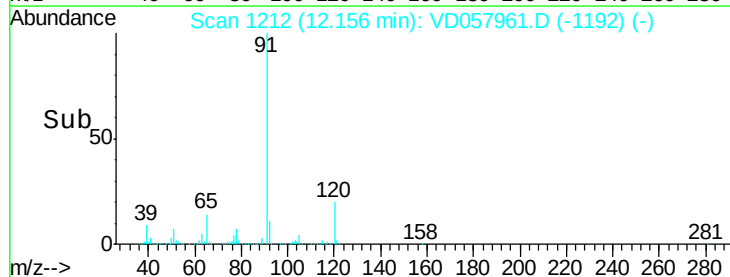


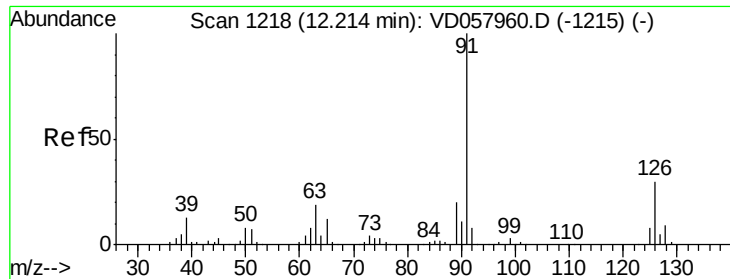
#78  
n-propylbenzene  
Concen: 62.04 ug/l  
RT: 12.16 min Scan# 1212  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Tgt Ion: 91 Resp: 2758686  
Ion Ratio Lower Upper  
91 100  
120 19.7 9.8 29.4



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

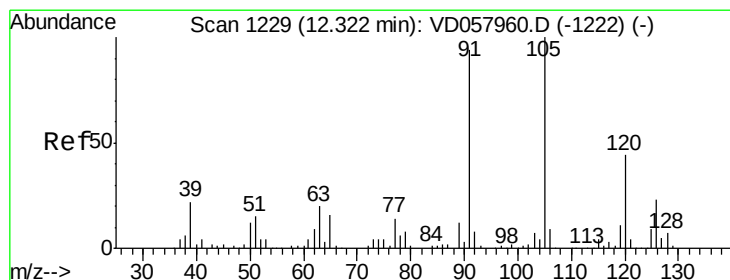
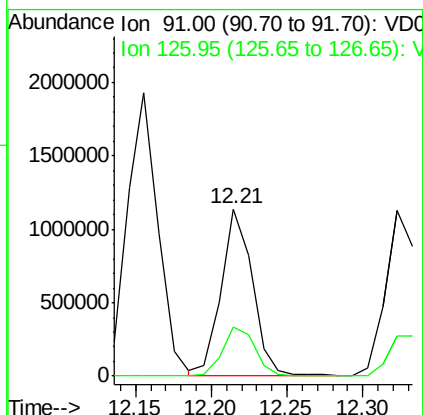
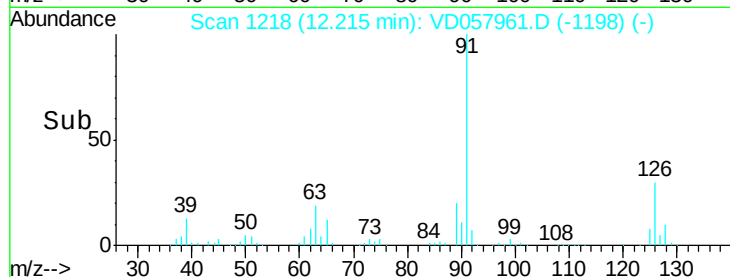
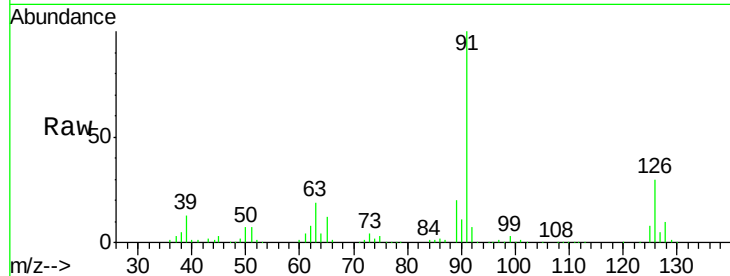




#79  
 2-Chlorotoluene  
 Concen: 64.28 ug/l  
 RT: 12.21 min Scan# 1218  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

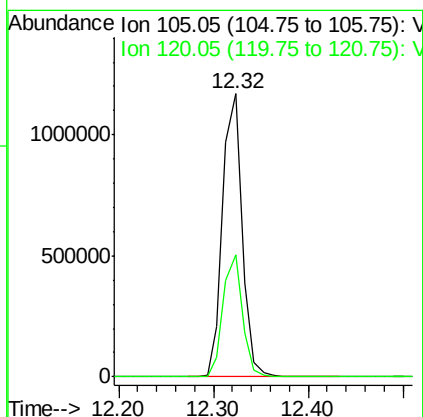
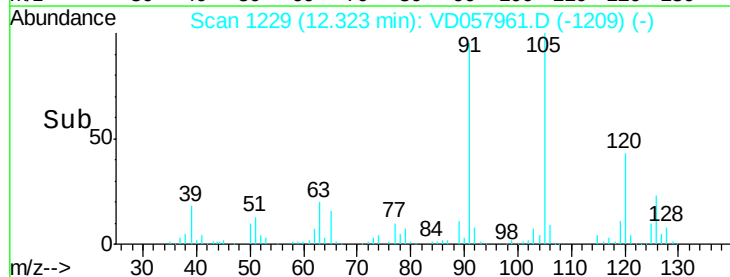
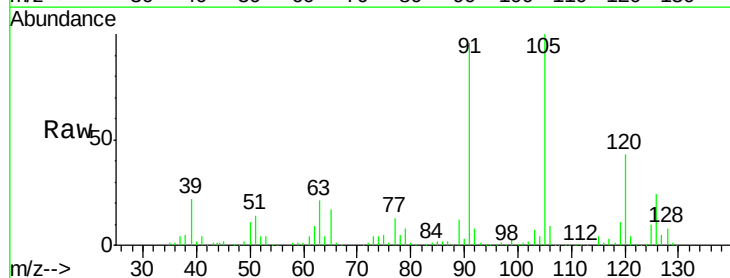
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

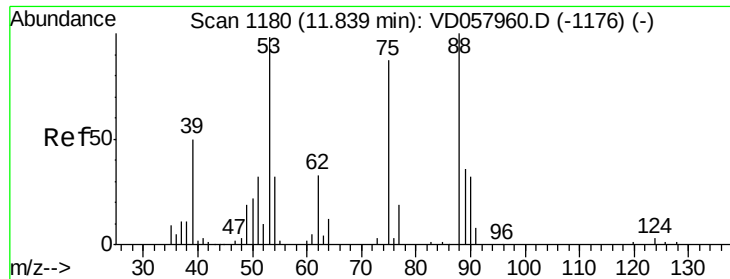
Tot Ion: 91 Resp: 1630604  
 Ion Ratio Lower Upper  
 91 100  
 126 29.5 14.6 44.0



#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.03 ug/l  
 RT: 12.32 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

Tgt Ion:105 Resp: 1671353  
 Ion Ratio Lower Upper  
 105 100  
 120 43.3 22.0 66.0





#81

trans-1,4-Dichloro-2-butene

Concen: 76.13 ug/l

RT: 11.84 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

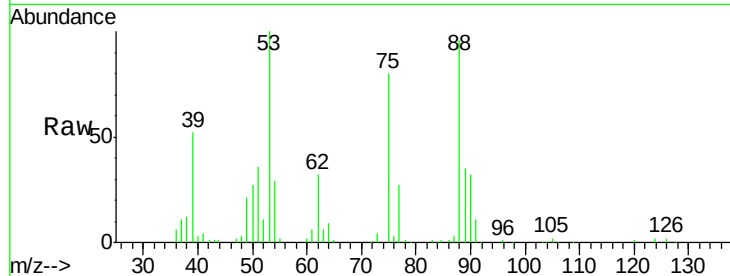
Tot Ion: 75 Resp: 146130

Ion Ratio Lower Upper

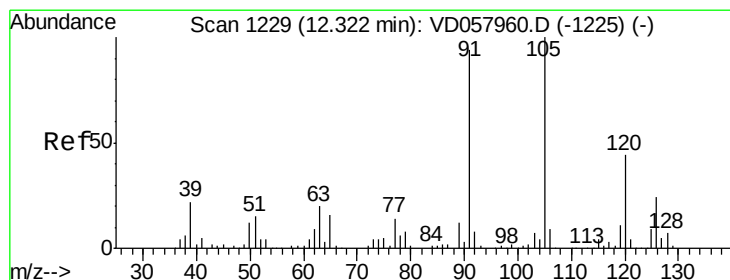
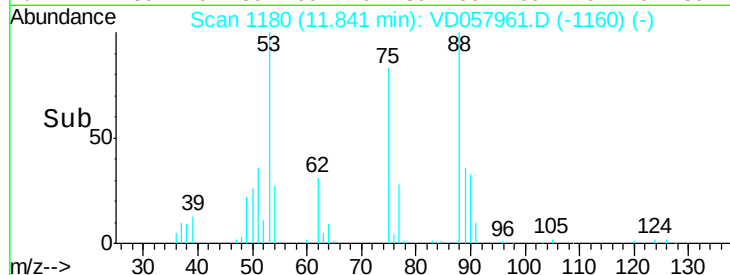
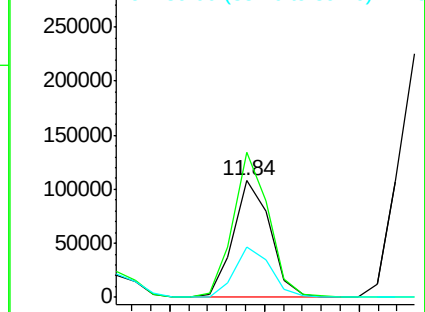
75 100

53 124.7 89.3 133.9

89 43.0 33.3 49.9



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



#82

4-Chlorotoluene

Concen: 59.88 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VD057961.D

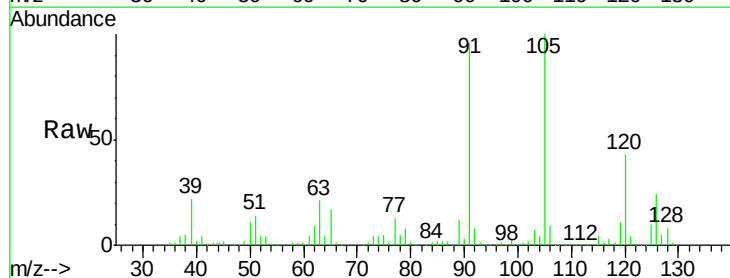
Acq: 6 Jun 2018 19:46

Tgt Ion: 91 Resp: 1659165

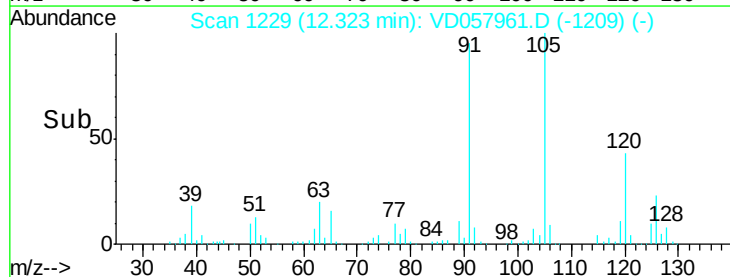
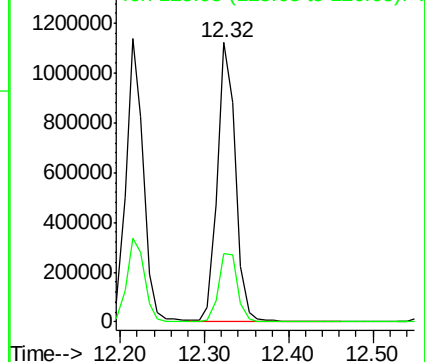
Ion Ratio Lower Upper

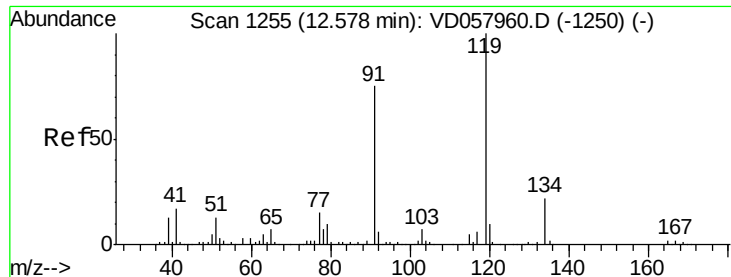
91 100

126 24.6 12.5 37.5



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

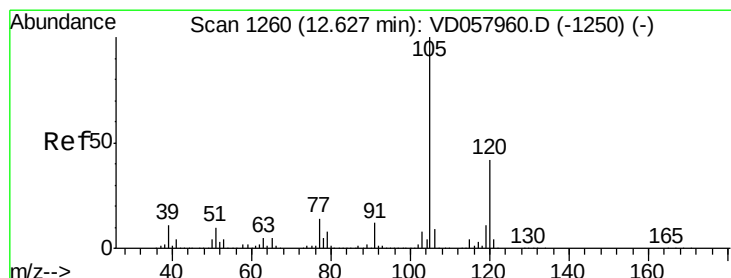
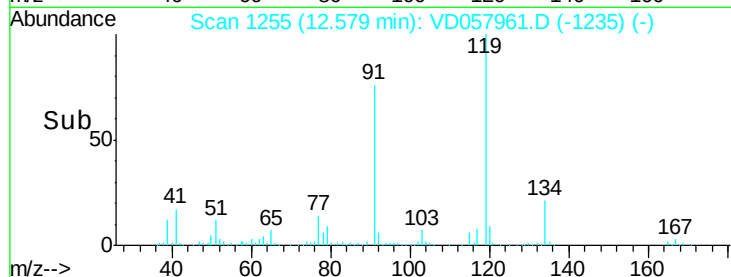
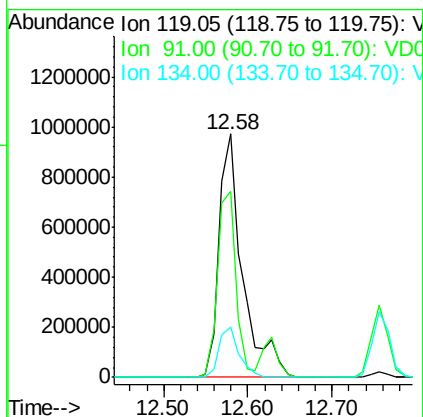
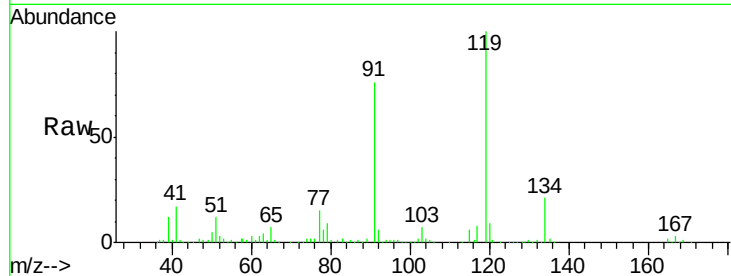




#83  
 tert-Butylbenzene  
 Concen: 62.93 ug/l  
 RT: 12.58 min Scan# 1255  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

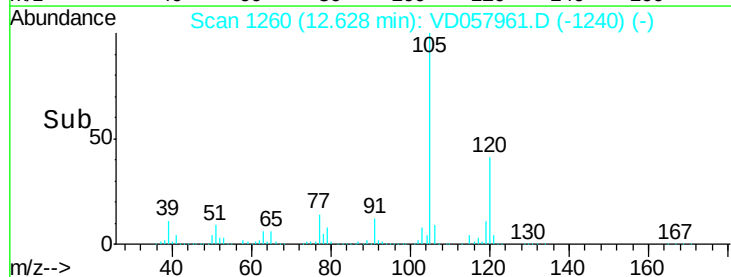
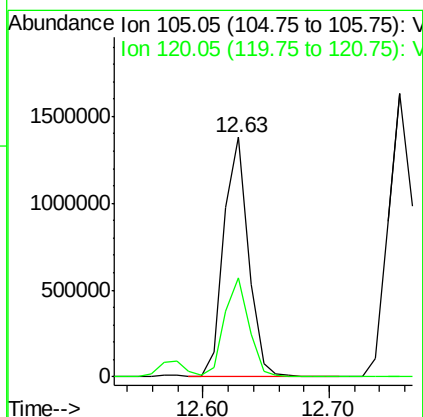
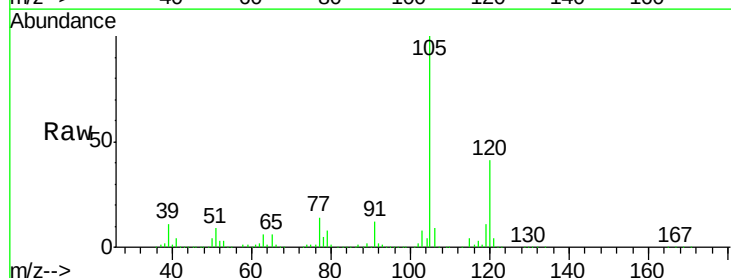
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

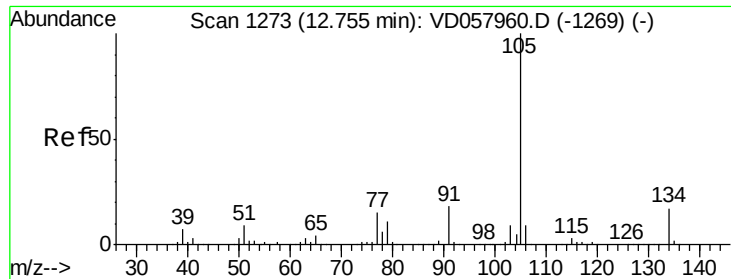
Tot Ion:119 Resp: 1893631  
 Ion Ratio Lower Upper  
 119 100  
 91 76.1 37.6 112.9  
 134 20.9 11.2 33.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 64.62 ug/l  
 RT: 12.63 min Scan# 1260  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

Tgt Ion:105 Resp: 1851467  
 Ion Ratio Lower Upper  
 105 100  
 120 41.4 21.2 63.6





#85

sec-Butylbenzene

Concen: 62.63 ug/l

RT: 12.76 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

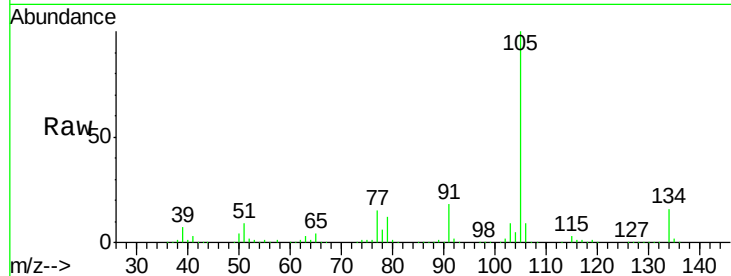
VSTDIC075

Tot Ion:105 Resp: 2274423

Ion Ratio Lower Upper

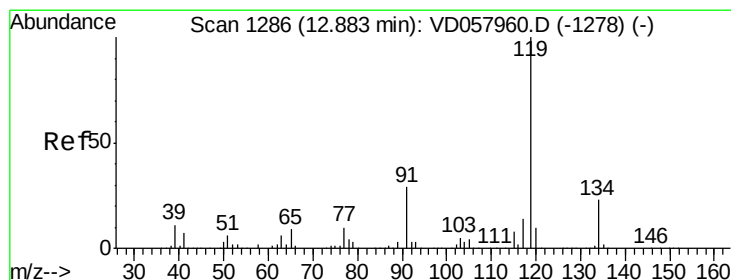
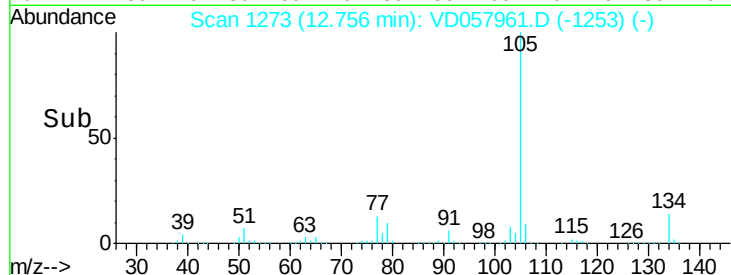
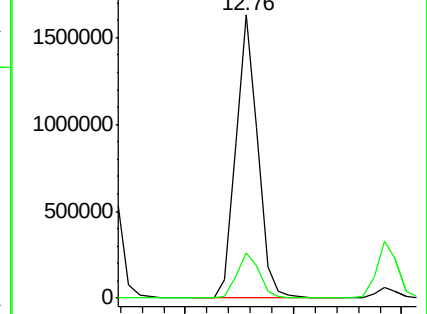
105 100

134 16.1 8.3 25.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 64.36 ug/l

RT: 12.88 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

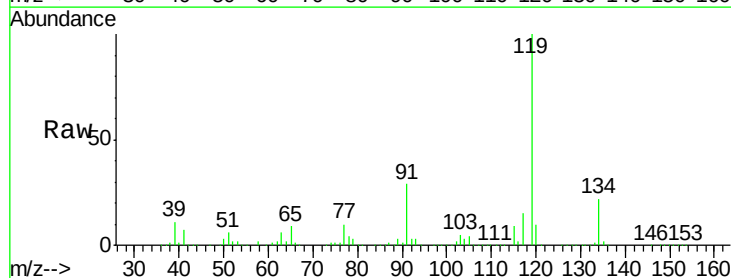
Tgt Ion:119 Resp: 1883771

Ion Ratio Lower Upper

119 100

134 22.4 11.5 34.4

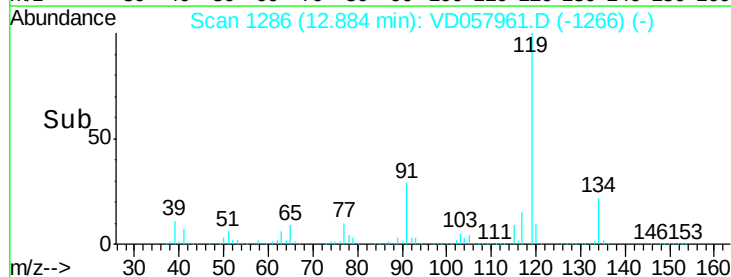
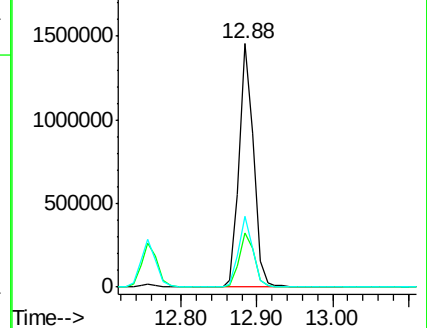
91 28.9 14.5 43.6

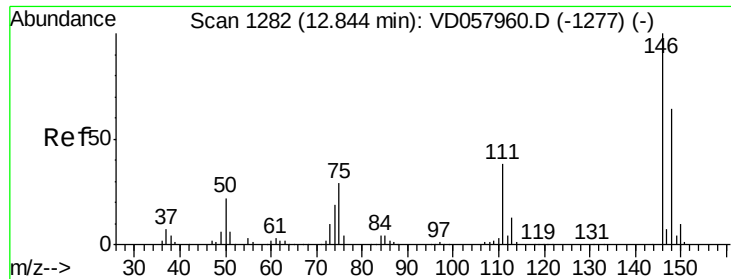


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

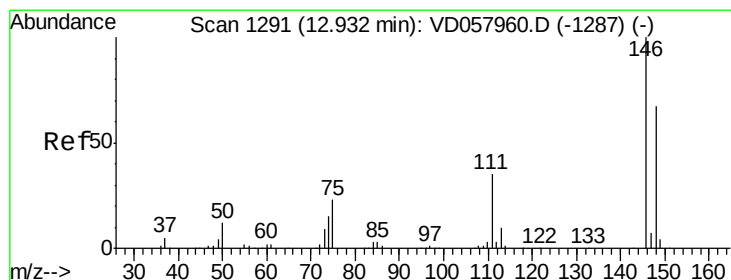
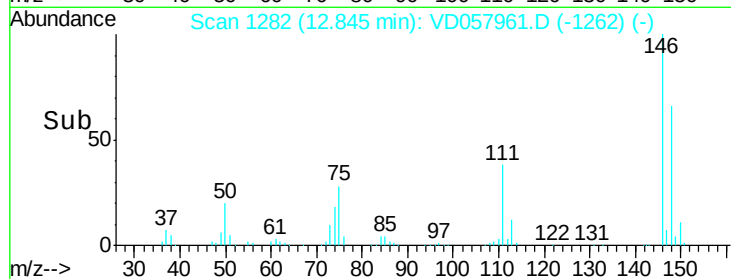
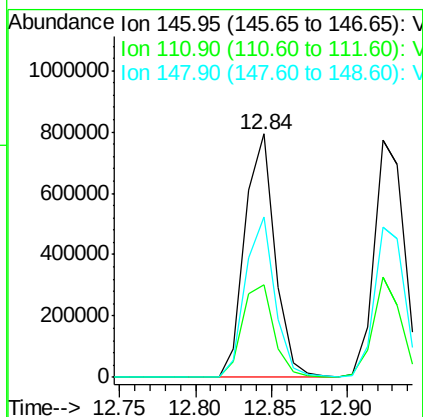
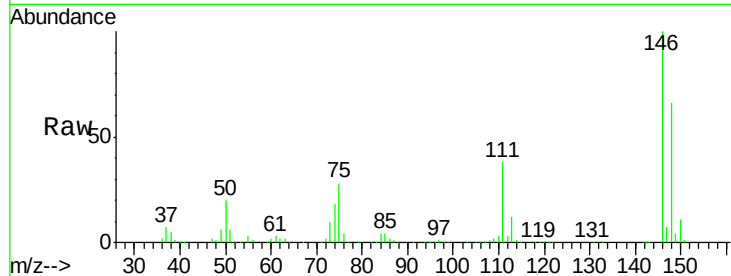




#87  
 1,3-Dichlorobenzene  
 Concen: 64.23 ug/l  
 RT: 12.84 min Scan# 1282  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

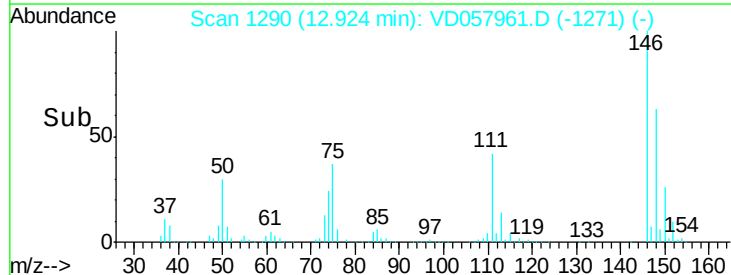
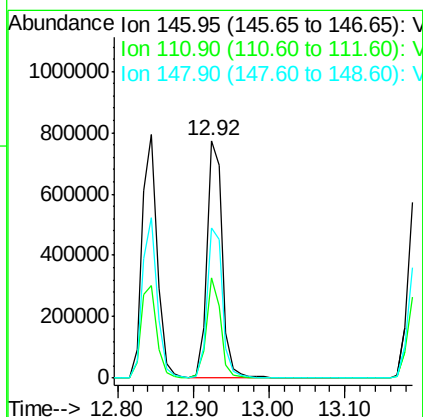
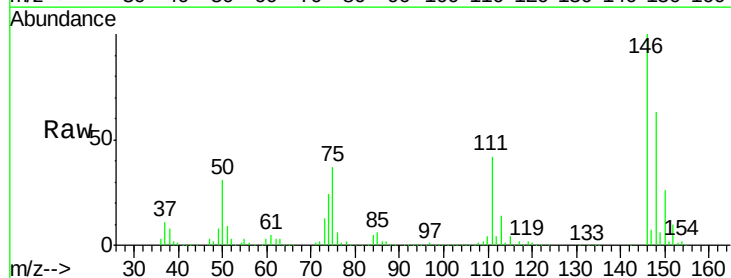
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Tot Ion:146 Resp: 1098940  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 19.1 57.3  
 148 66.1 32.0 96.2

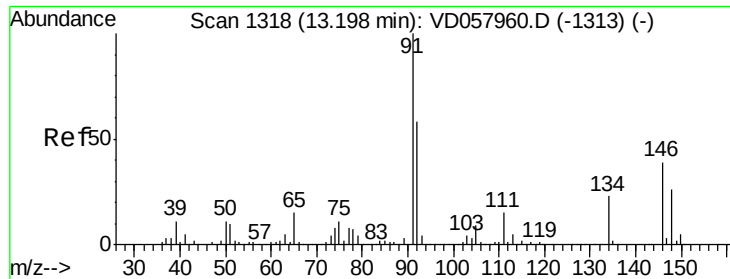


#88  
 1,4-Dichlorobenzene  
 Concen: 65.70 ug/l  
 RT: 12.92 min Scan# 1290  
 Delta R.T. -0.01 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

Tgt Ion:146 Resp: 1095298  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 17.3 52.0  
 148 63.2 33.4 100.2



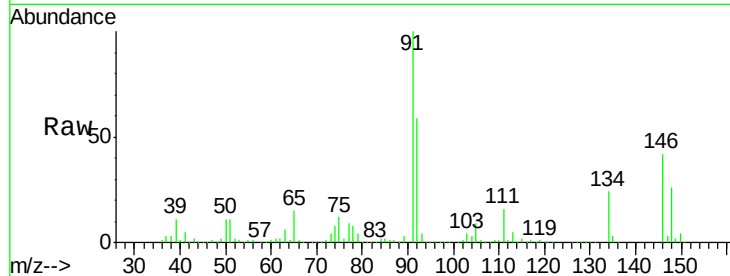




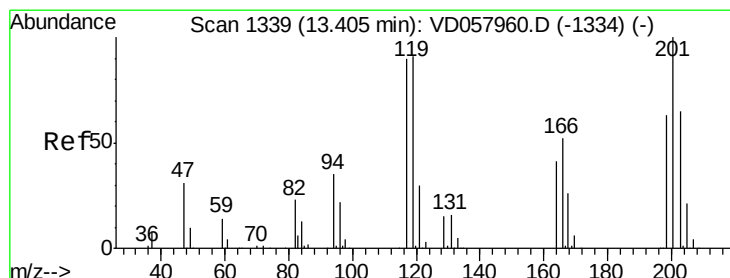
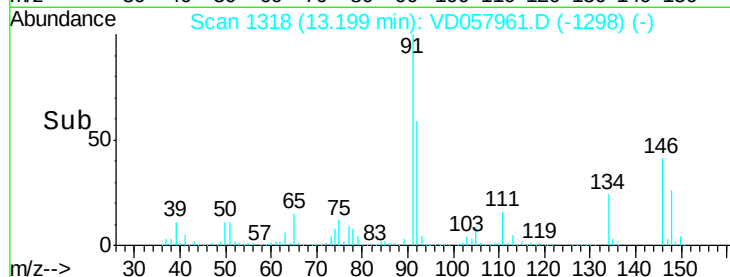
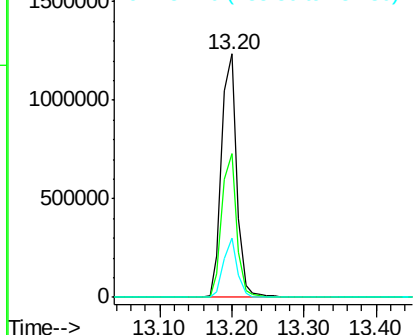
#89  
n-Butylbenzene  
Concen: 59.37 ug/l  
RT: 13.20 min Scan# 1318  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tot Ion: 91 Resp: 1788299  
Ion Ratio Lower Upper  
91 100  
92 58.9 29.2 87.6  
134 24.2 11.3 33.9

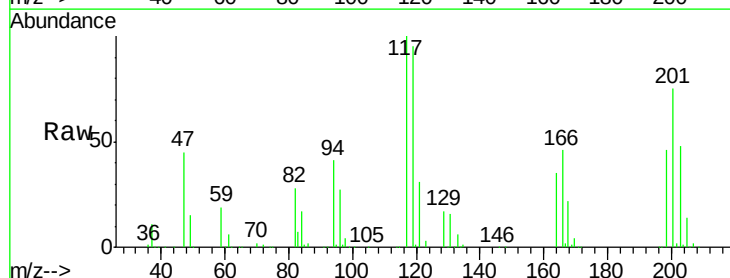


Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 92.00 (91.70 to 92.70): VDC  
Ion 134.10 (133.80 to 134.80): V

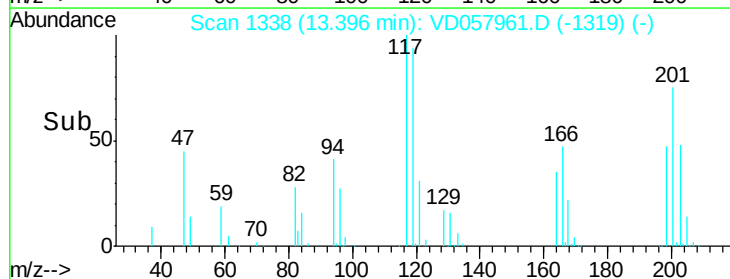
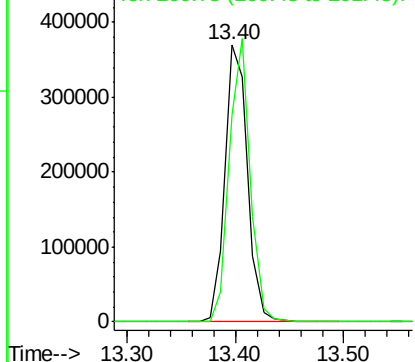


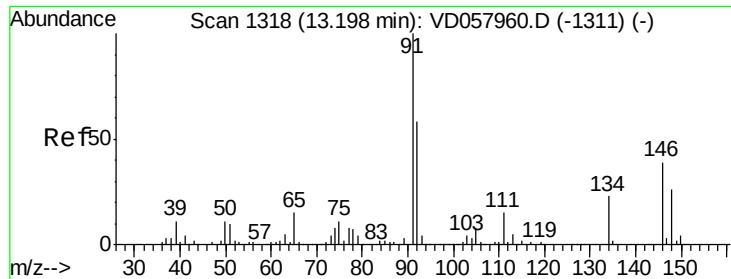
#90  
Hexachloroethane  
Concen: 71.71 ug/l  
RT: 13.40 min Scan# 1338  
Delta R.T. -0.01 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Tgt Ion: 117 Resp: 535737  
Ion Ratio Lower Upper  
117 100  
201 74.6 55.4 166.0



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 200.75 (200.45 to 201.45): V

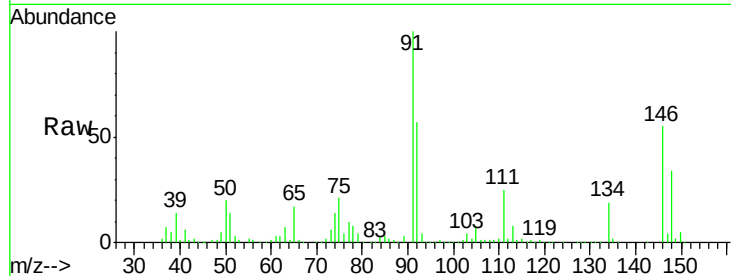




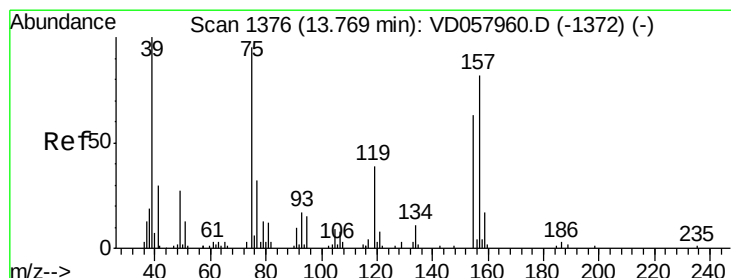
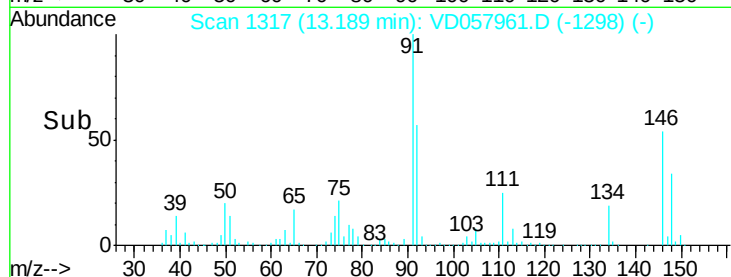
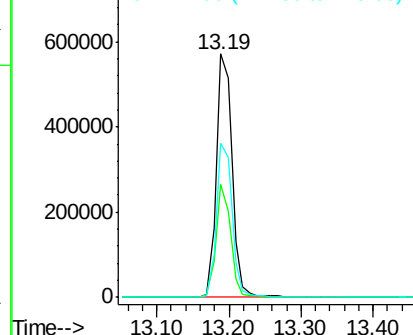
#91  
 1,2-Dichlorobenzene  
 Concen: 61.71 ug/l  
 RT: 13.19 min Scan# 1317  
 Delta R.T. -0.01 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Tot Ion:146 Resp: 853304  
 Ion Ratio Lower Upper  
 146 100  
 111 46.4 19.4 58.2  
 148 63.2 32.6 98.0

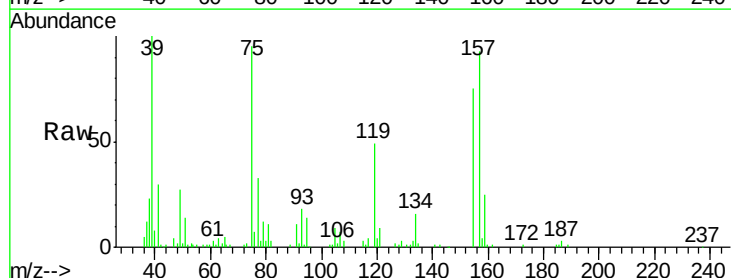


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

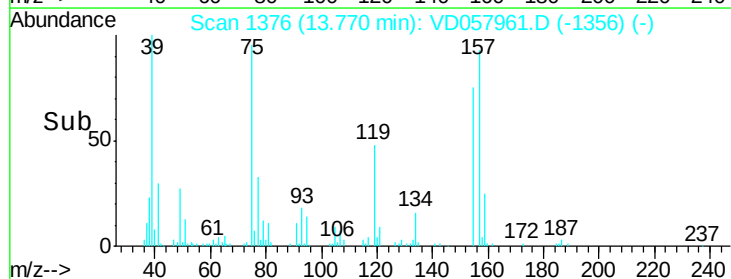
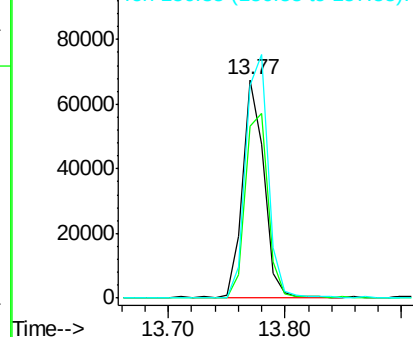


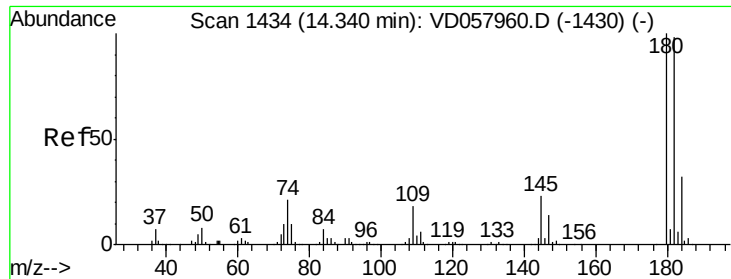
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 75.53 ug/l  
 RT: 13.77 min Scan# 1376  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

Tgt Ion: 75 Resp: 86845  
 Ion Ratio Lower Upper  
 75 100  
 155 78.7 33.4 100.1  
 157 97.5 42.9 128.5



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

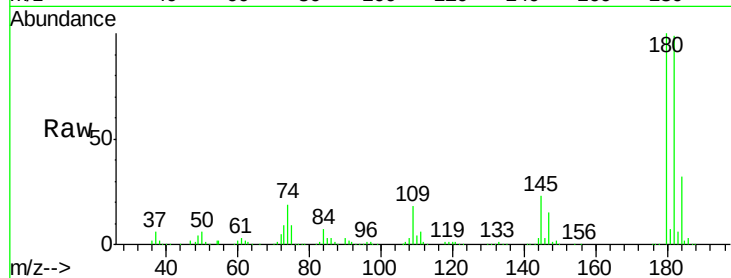




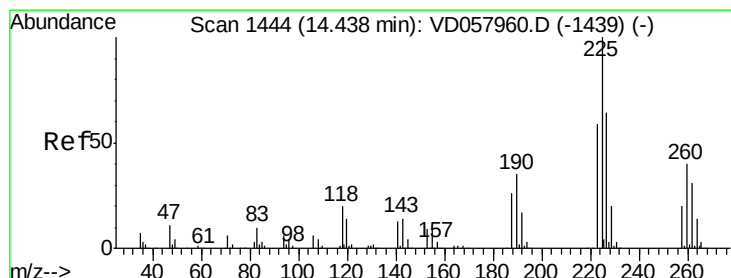
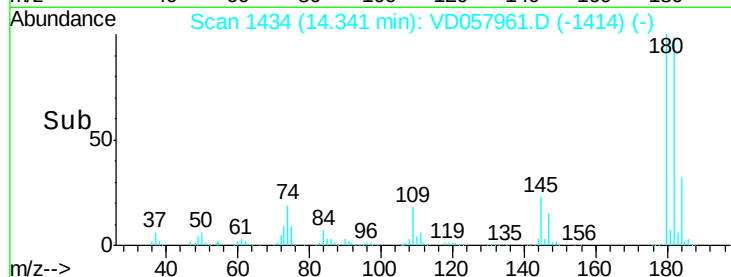
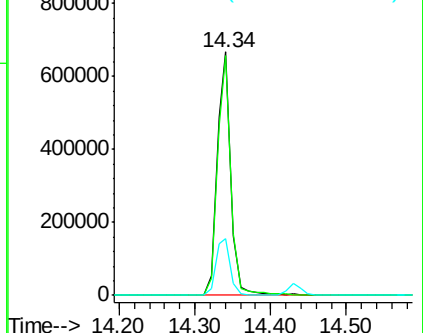
#93  
 1,2,4-Trichlorobenzene  
 Concen: 66.27 ug/l  
 RT: 14.34 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Tot Ion:180 Resp: 856116  
 Ion Ratio Lower Upper  
 180 100  
 182 98.7 49.0 147.2  
 145 23.4 11.8 35.3

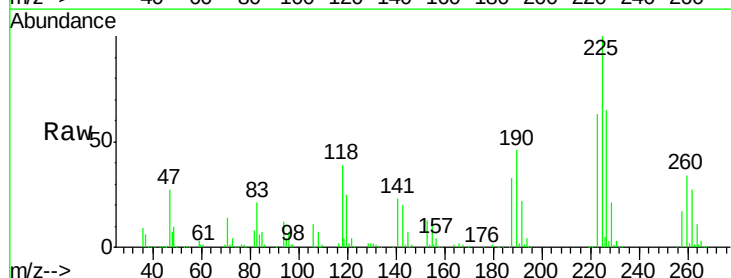


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

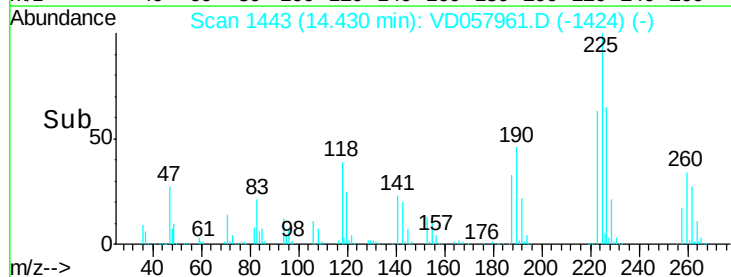
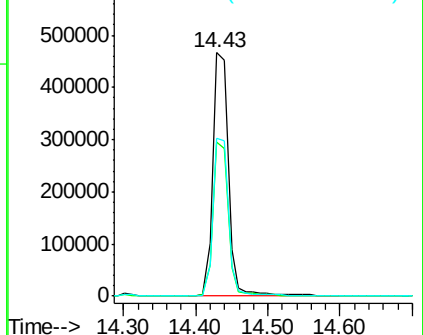


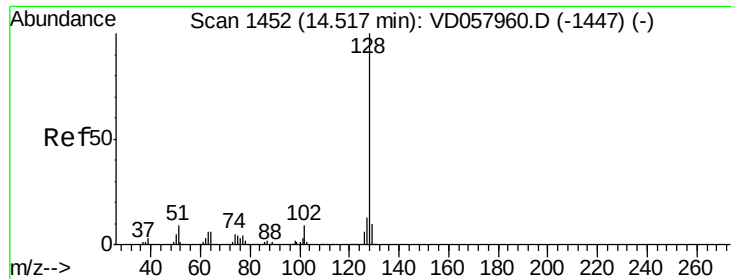
#94  
 Hexachlorobutadiene  
 Concen: 68.27 ug/l  
 RT: 14.43 min Scan# 1443  
 Delta R.T. -0.01 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

Tgt Ion:225 Resp: 693747  
 Ion Ratio Lower Upper  
 225 100  
 223 63.4 29.5 88.6  
 227 64.8 32.0 96.0



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: 69.51 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

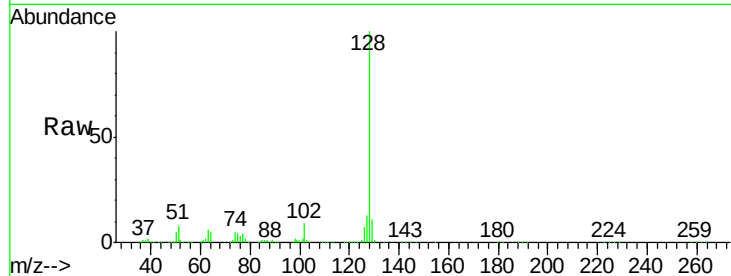
Tot Ion:128 Resp: 1157790

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

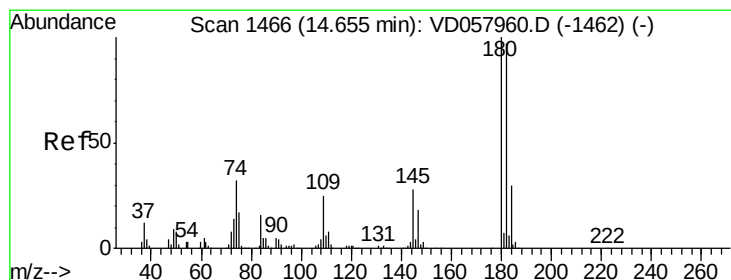
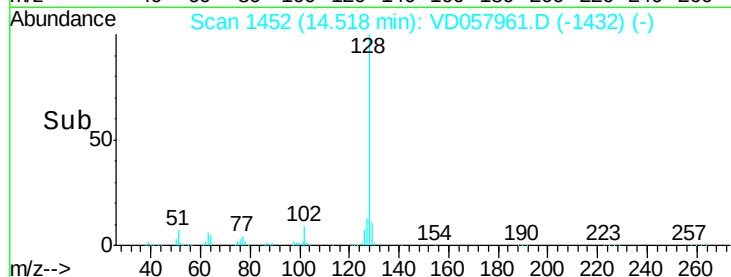
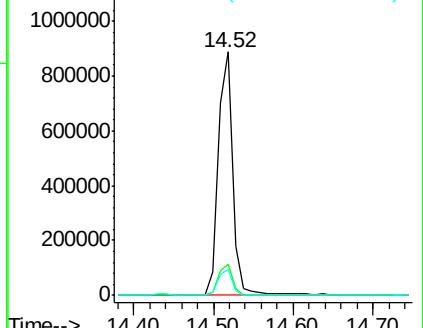
129 10.7 8.2 12.2



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: 66.89 ug/l

RT: 14.66 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

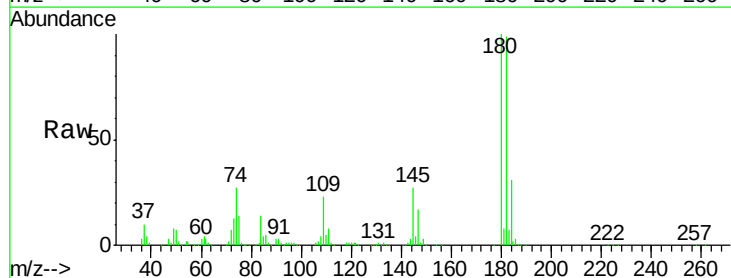
Tgt Ion:180 Resp: 736399

Ion Ratio Lower Upper

180 100

182 98.6 48.5 145.5

145 27.0 14.2 42.8



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

