

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 : 5.00g/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

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.02   | 65  | 635419   | 66.67 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 133.34% |      |
| 35) Dibromofluoromethane  | 5.56   | 113 | 660746   | 66.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 132.26% |      |
| 50) Toluene-d8            | 8.71   | 98  | 1469977  | 61.88 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 123.76% |      |
| 62) 4-Bromofluorobenzene  | 11.93  | 95  | 649346   | 62.66 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 125.32% |      |

## Target Compounds

|                               |      |     |         |        |      | 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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 Sample : VSTDIC075  
 Misc : 5.00g/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

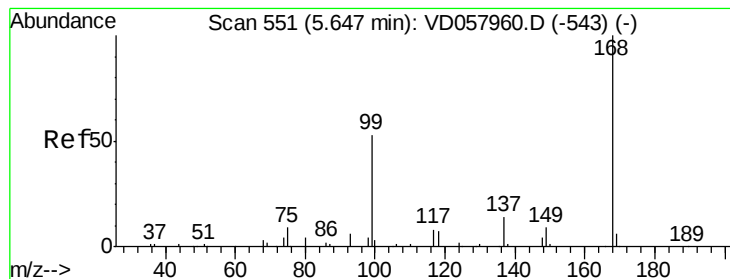
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC075

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 :

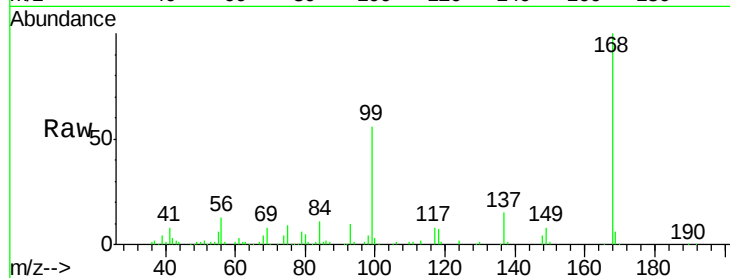
VSTDIC075

Tgt Ion:168 Resp: 953296

Ion Ratio Lower Upper

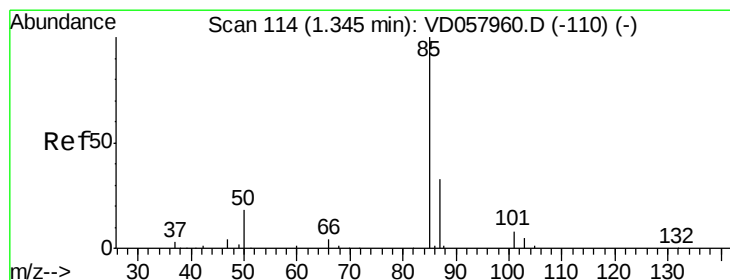
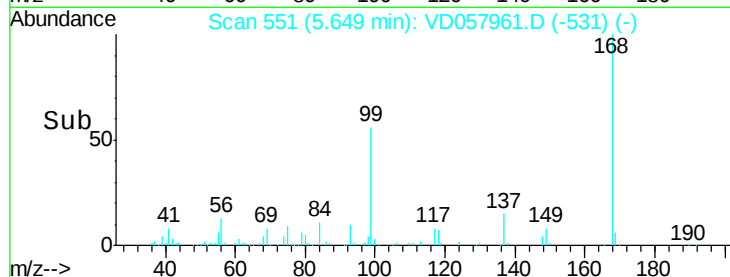
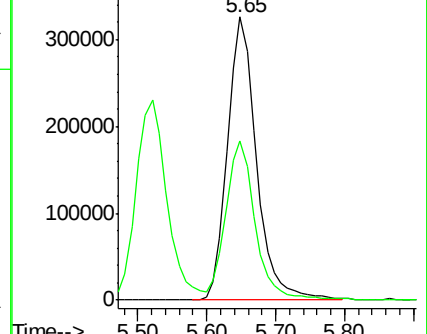
168 100

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

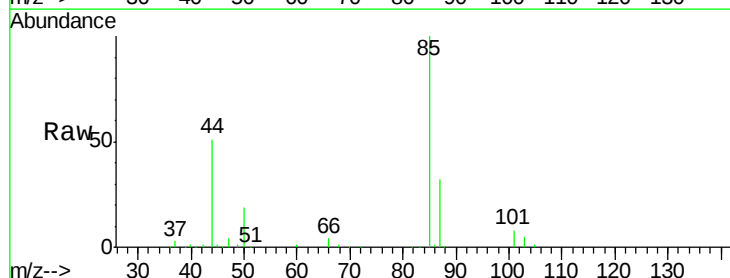
Acq: 6 Jun 2018 19:46

Tgt Ion: 85 Resp: 807467

Ion Ratio Lower Upper

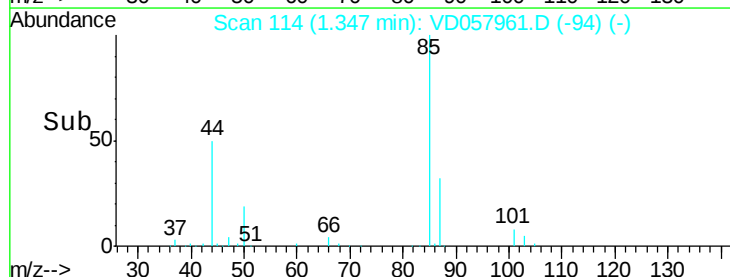
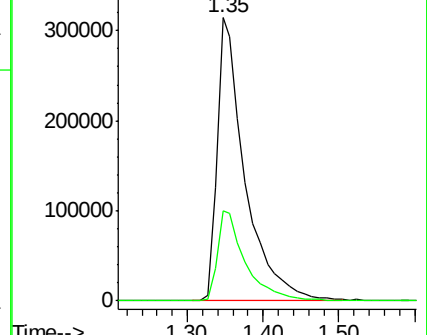
85 100

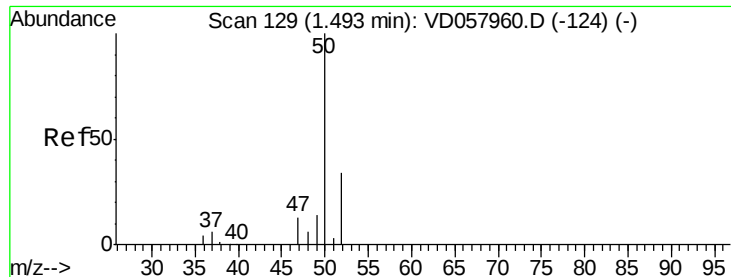
87 31.7 16.4 49.2



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 :

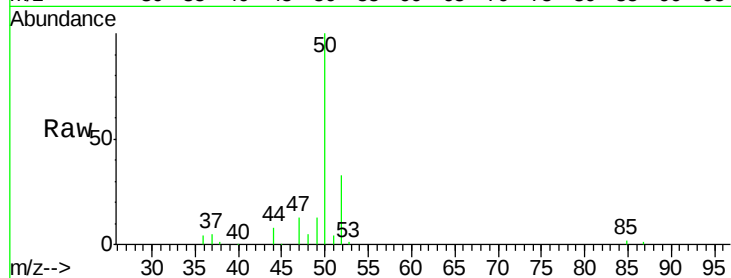
VSTDIC075

Tgt Ion: 50 Resp: 398982

Ion Ratio Lower Upper

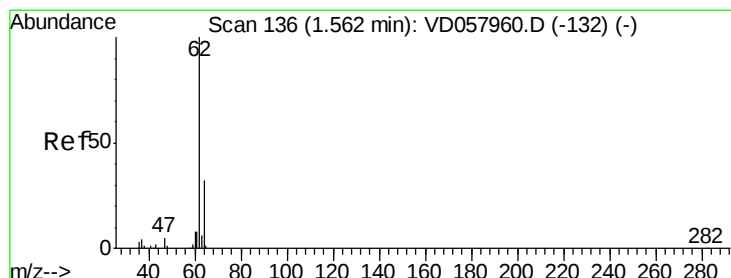
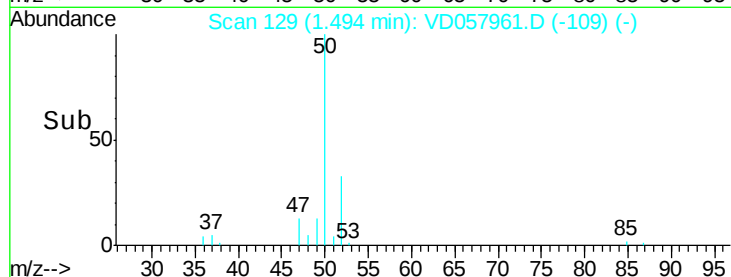
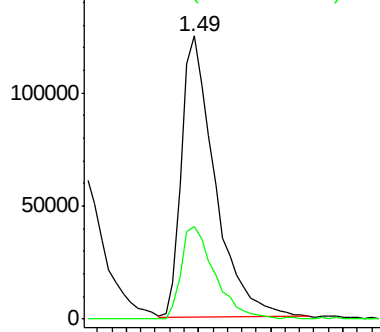
50 100

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

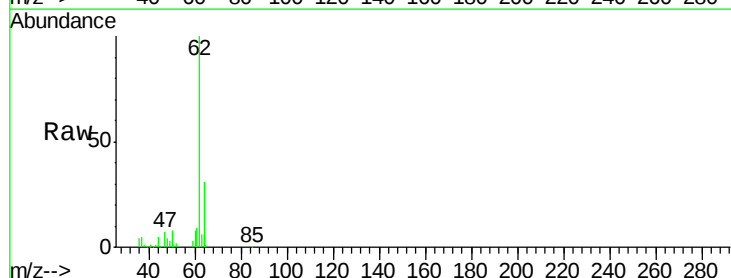
Acq: 6 Jun 2018 19:46

Tgt Ion: 62 Resp: 410347

Ion Ratio Lower Upper

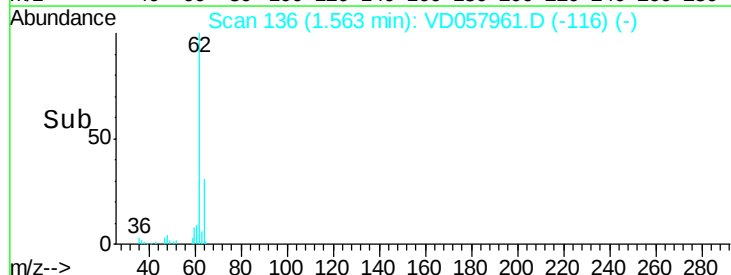
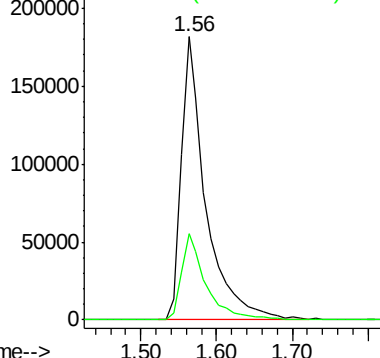
62 100

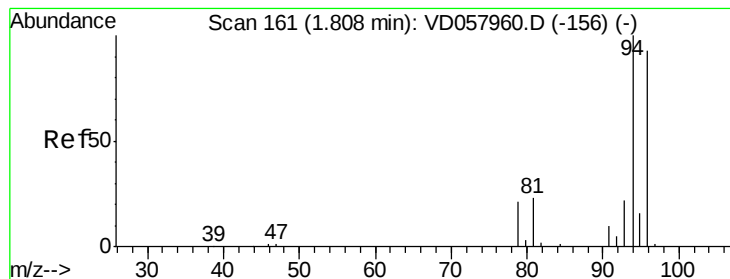
64 30.7 25.4 38.2



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 :

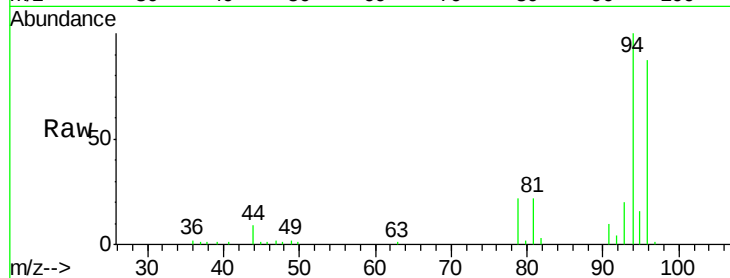
VSTDIC075

Tgt Ion: 94 Resp: 163035

Ion Ratio Lower Upper

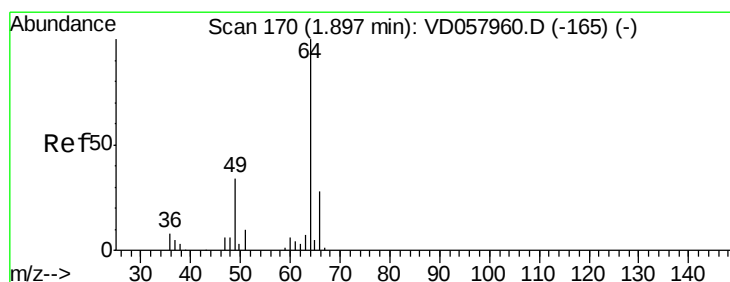
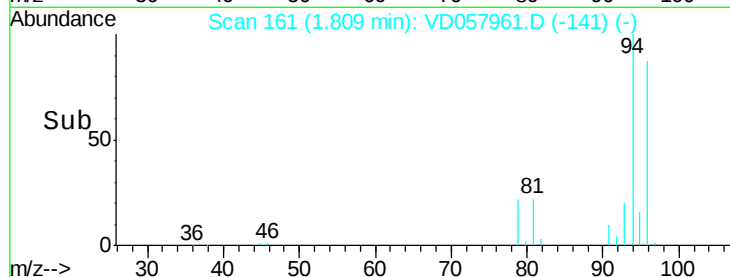
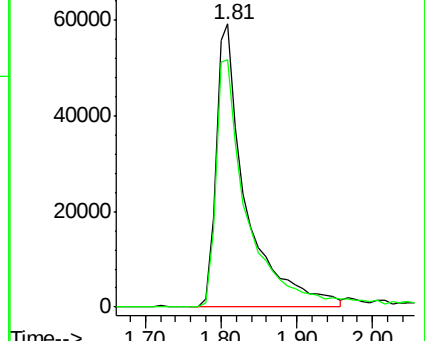
94 100

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

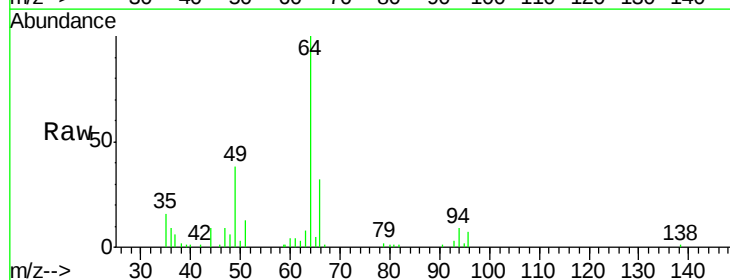
Acq: 6 Jun 2018 19:46

Tgt Ion: 64 Resp: 162451

Ion Ratio Lower Upper

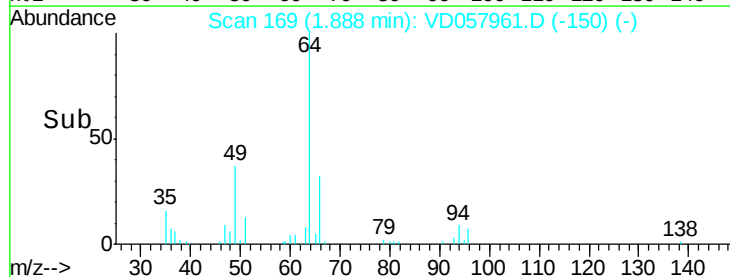
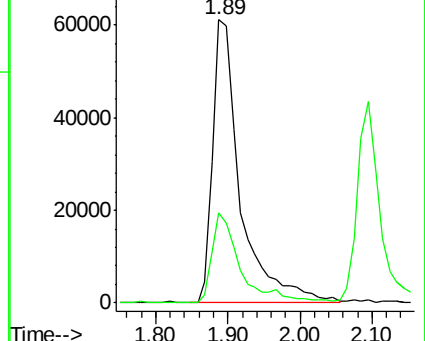
64 100

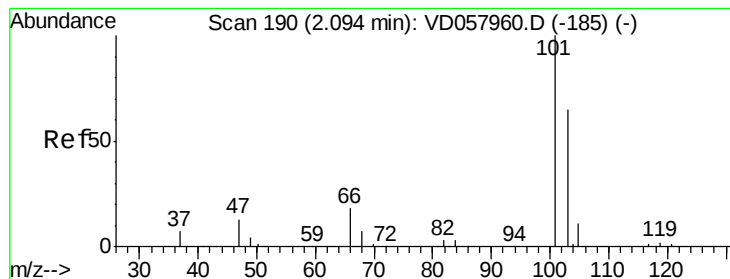
66 31.6 22.8 34.2



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



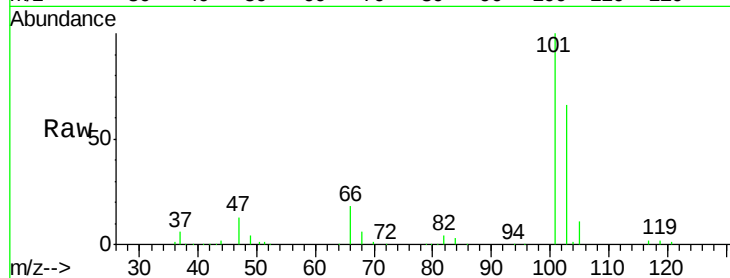


#7

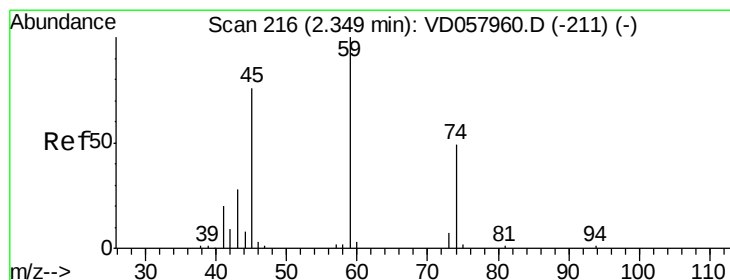
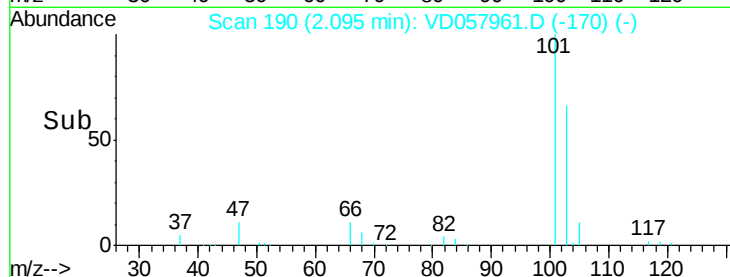
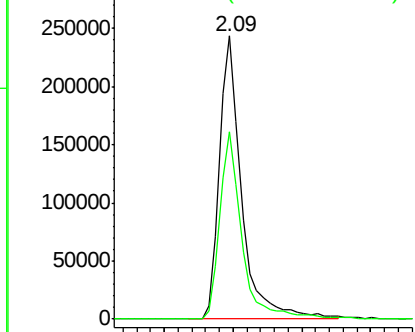
Trichlorofluoromethane  
Concen: 65.46 ug/l  
RT: 2.09 min Scan# 190  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

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



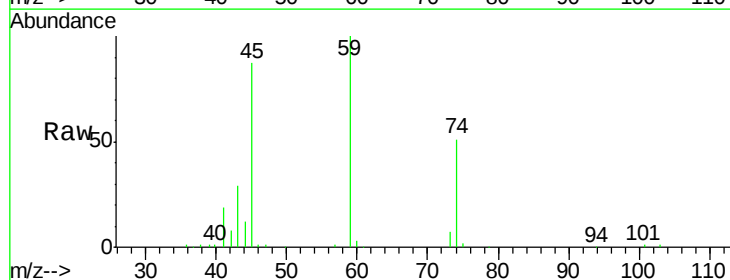
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



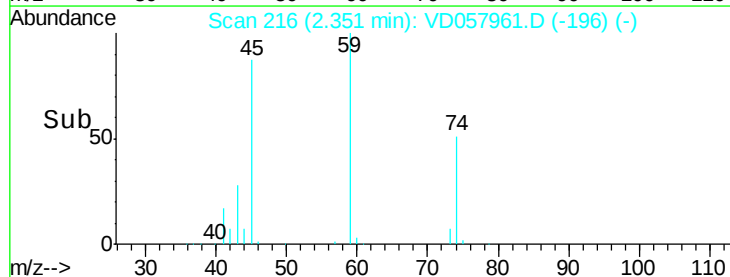
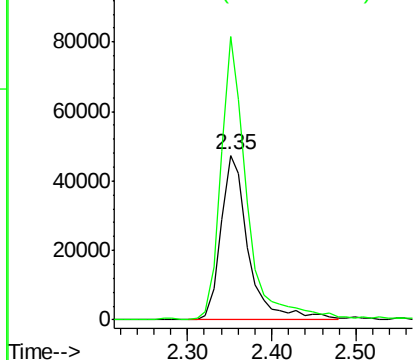
#8

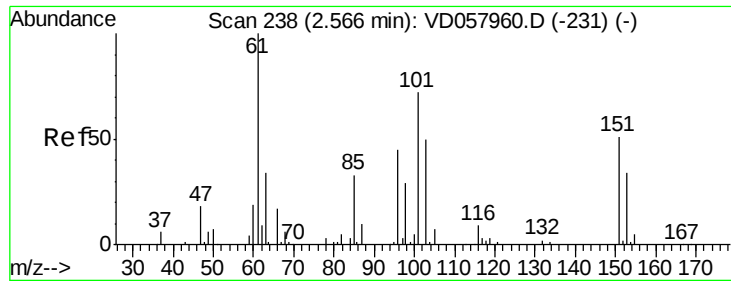
Diethyl Ether  
Concen: 69.33 ug/l  
RT: 2.35 min Scan# 216  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

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

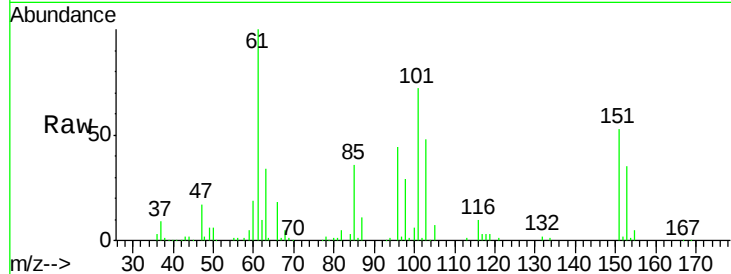
Tgt Ion:101 Resp: 328289

Ion Ratio Lower Upper

101 100

85 50.2 37.3 55.9

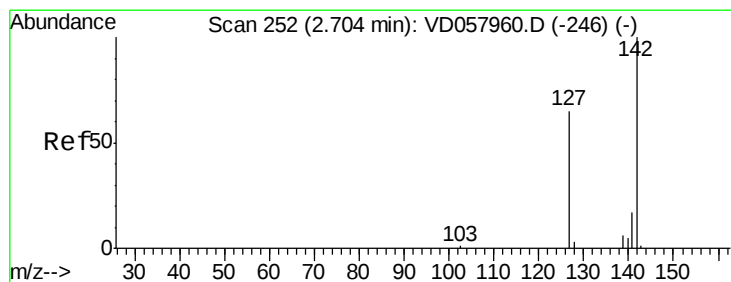
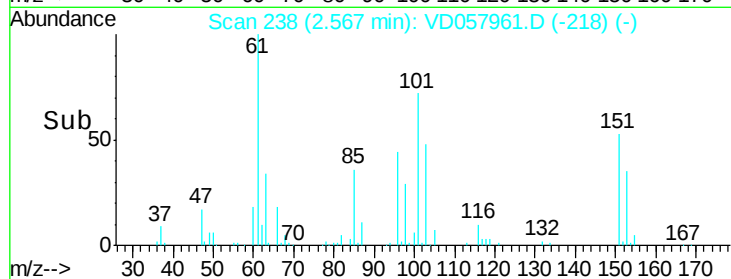
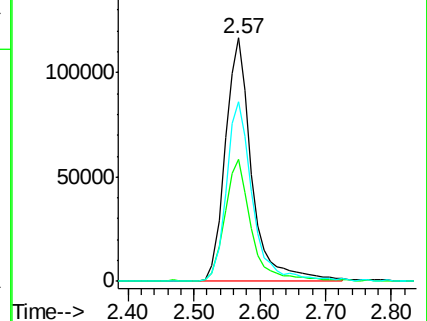
151 73.9 57.0 85.6



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

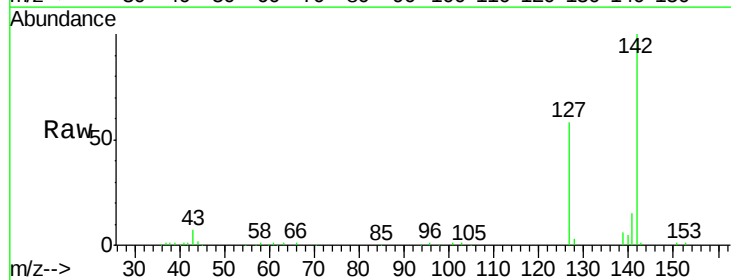
Tgt Ion:142 Resp: 474203

Ion Ratio Lower Upper

142 100

127 58.0 52.0 78.0

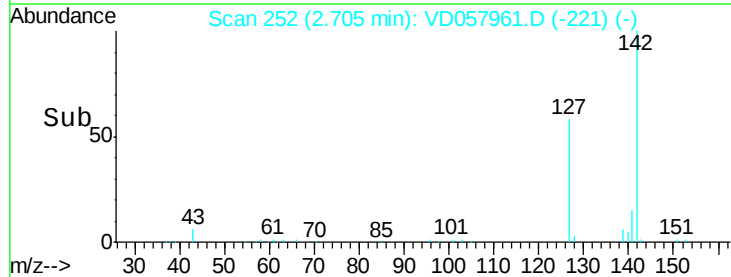
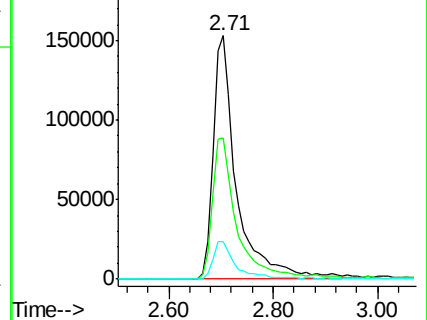
141 15.3 13.2 19.8

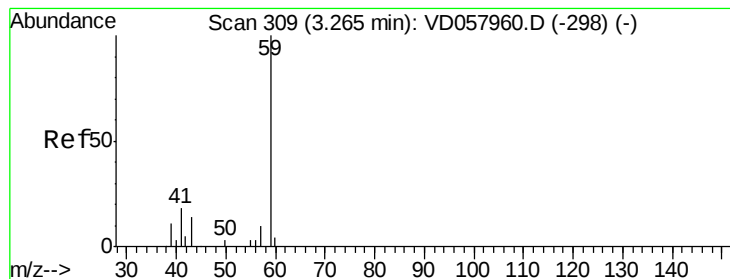


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



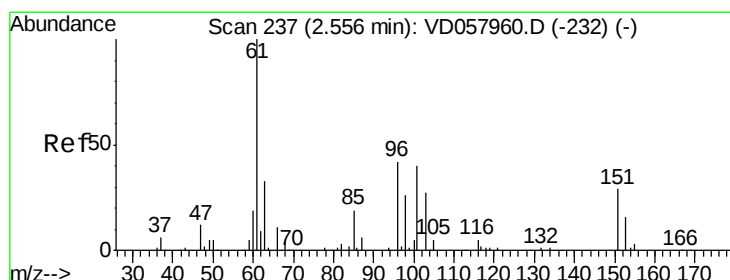
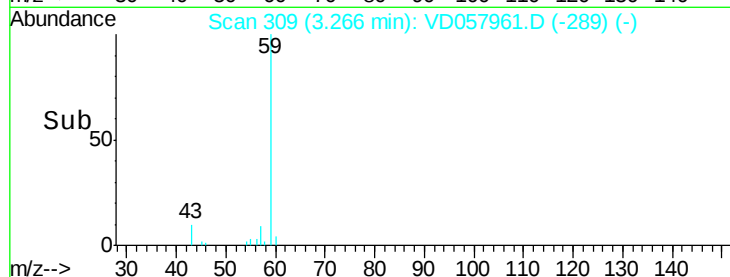
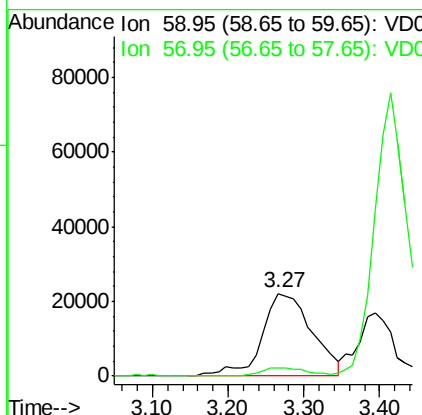
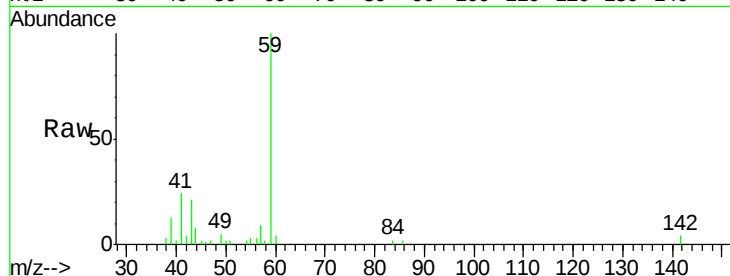


#11

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

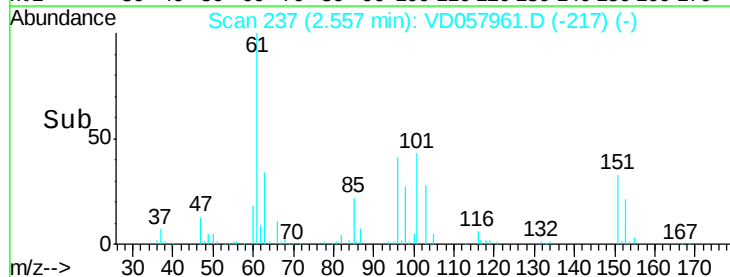
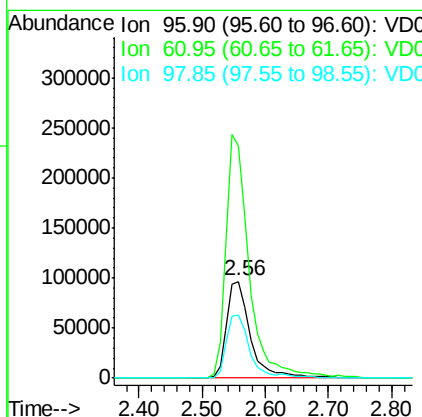
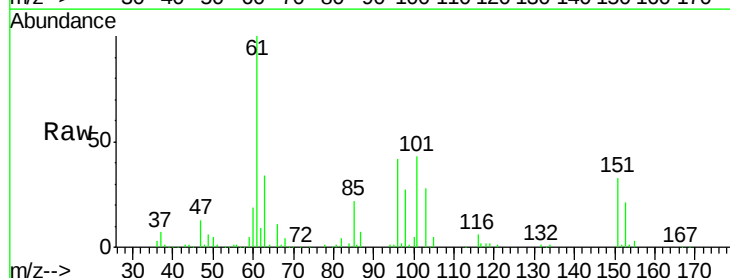
Tgt Ion: 59 Resp: 102154  
 Ion Ratio Lower Upper  
 59 100  
 57 9.2 7.8 11.6

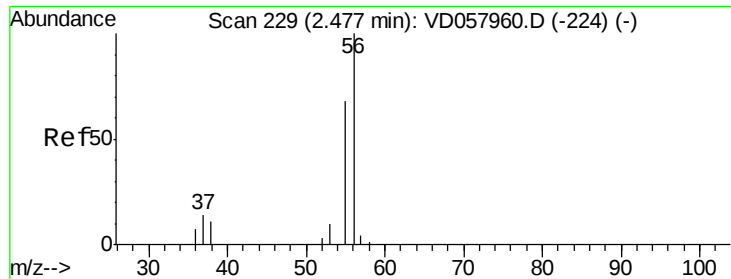


#12

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 :

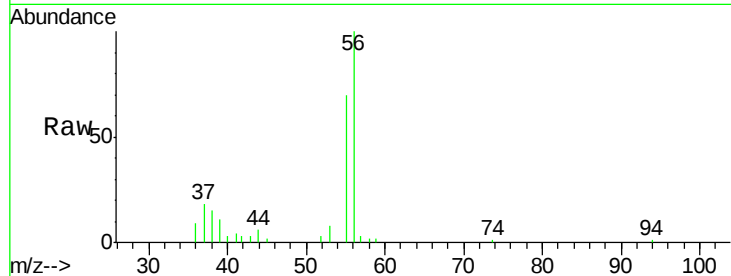
VSTDIC075

Tgt Ion: 56 Resp: 125889

Ion Ratio Lower Upper

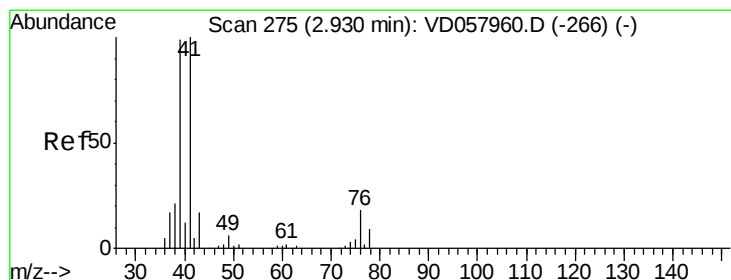
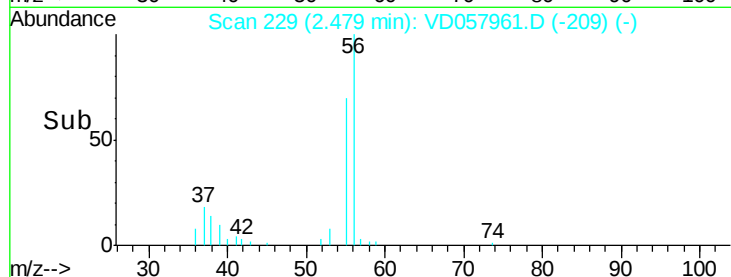
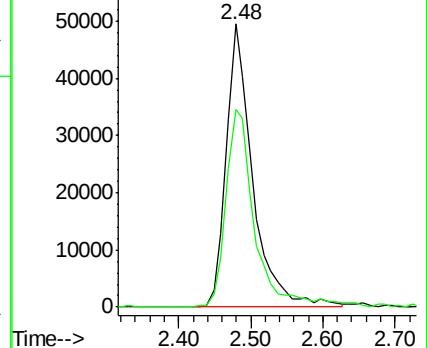
56 100

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

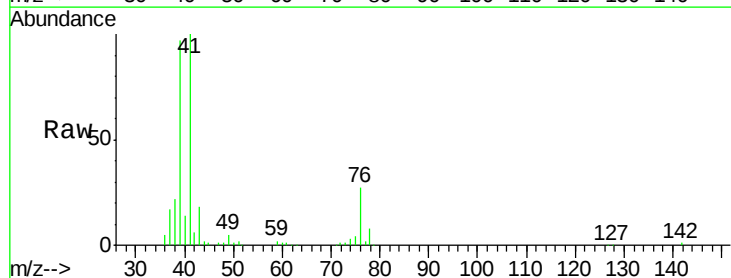
Tgt Ion: 41 Resp: 588114

Ion Ratio Lower Upper

41 100

39 96.6 79.5 119.3

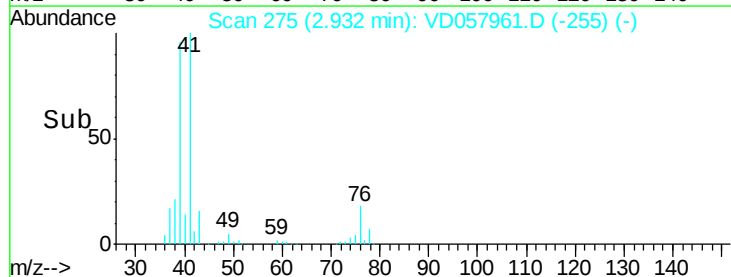
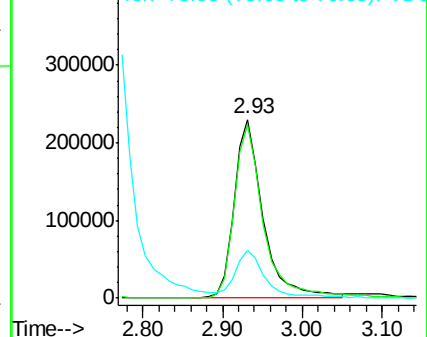
76 26.6 20.7 31.1

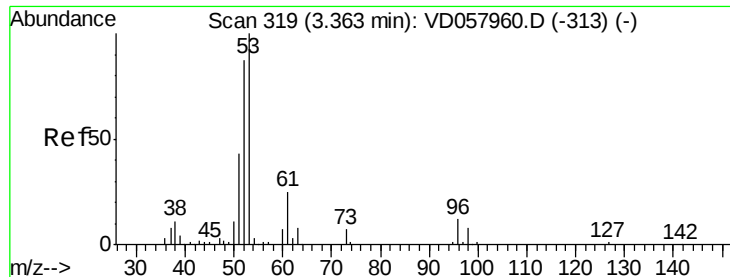


Abundance Ion 41.05 (40.75 to 41.75): VDC

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

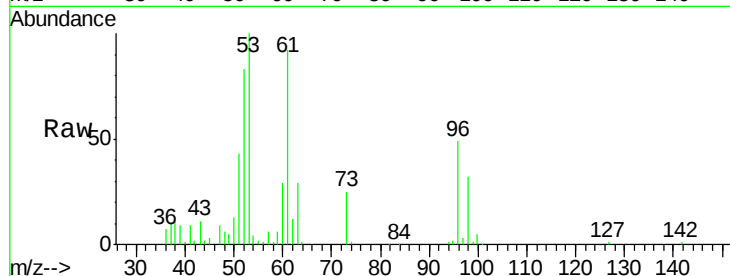
Tgt Ion: 53 Resp: 513349

Ion Ratio Lower Upper

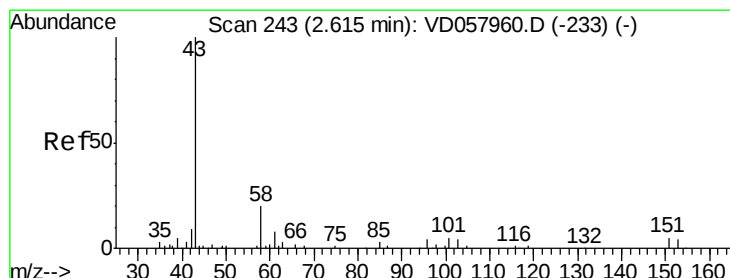
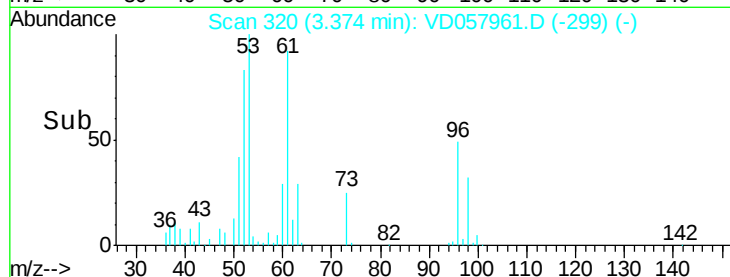
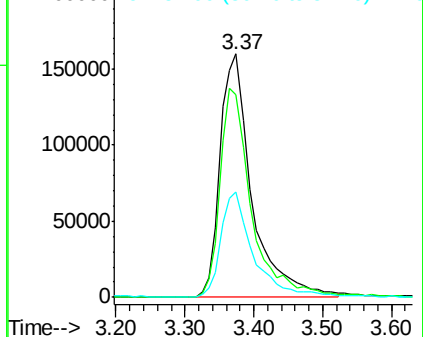
53 100

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

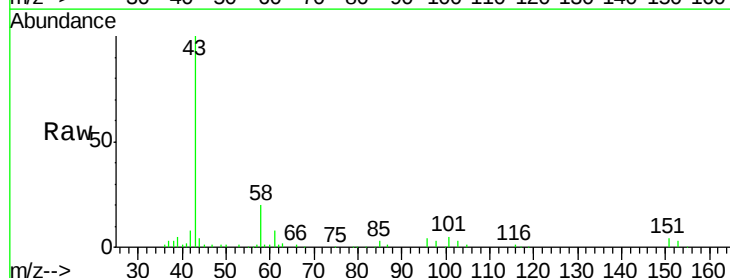
Acq: 6 Jun 2018 19:46

Tgt Ion: 43 Resp: 487439

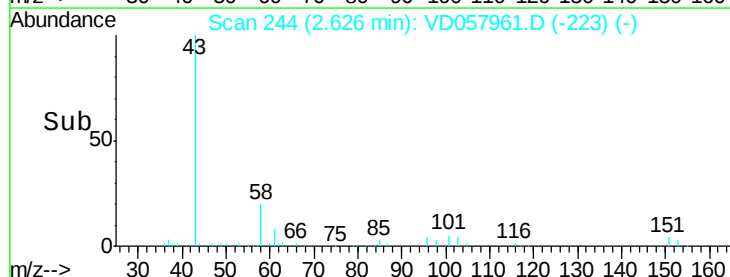
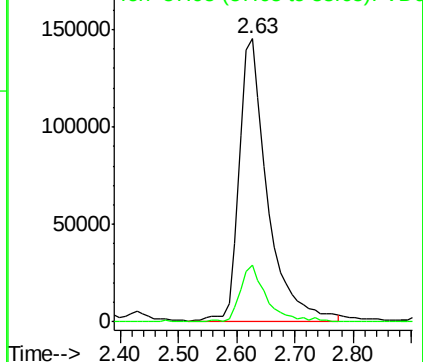
Ion Ratio Lower Upper

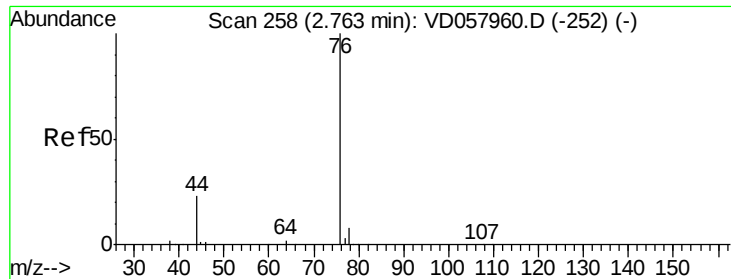
43 100

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

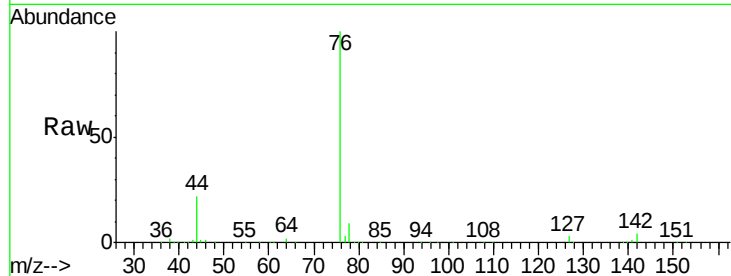




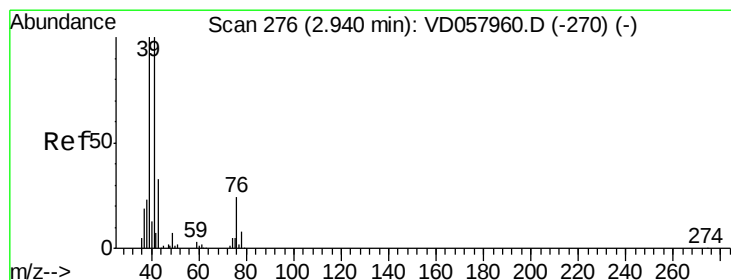
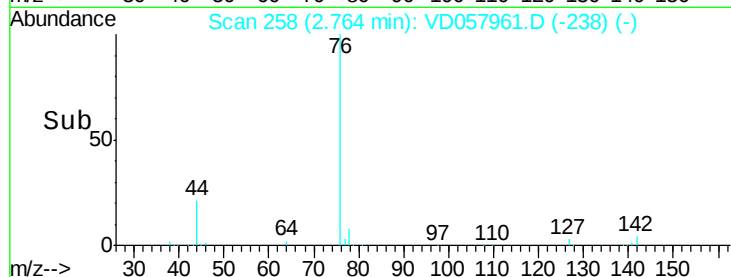
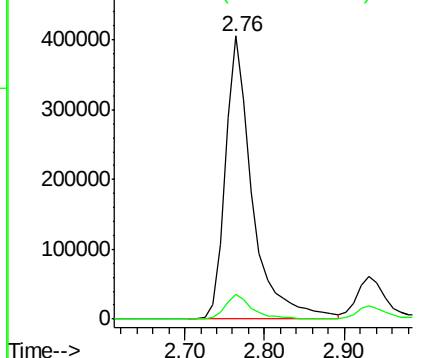
#17  
Carbon Disulfide  
Concen: 69.28 ug/l  
RT: 2.76 min Scan# 258  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion: 76 Resp: 959600  
Ion Ratio Lower Upper  
76 100  
78 8.9 6.7 10.1

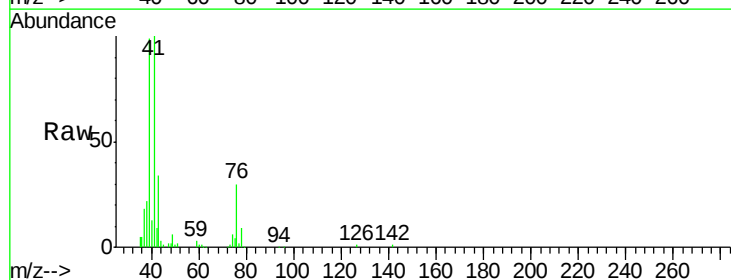


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

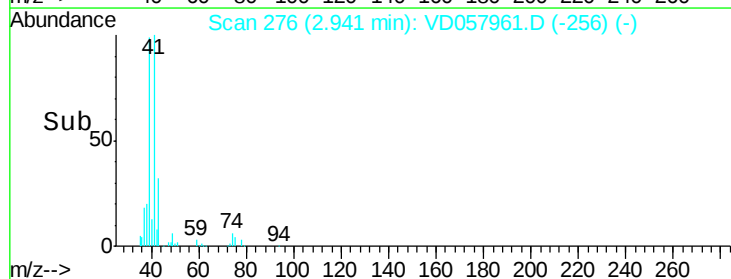
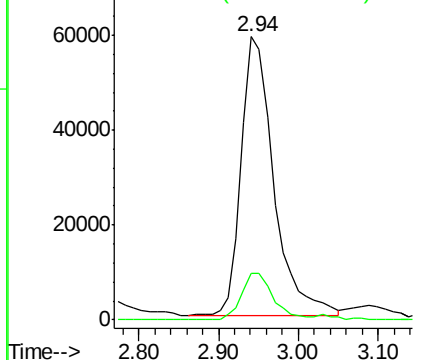


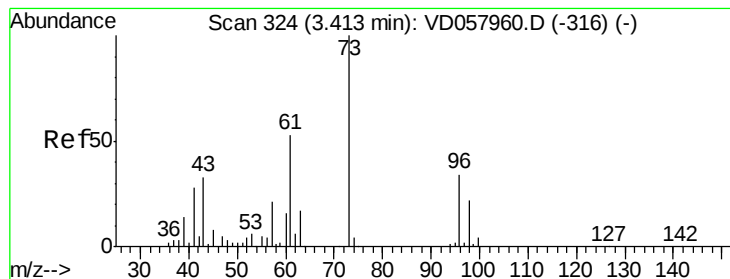
#18  
Methyl Acetate  
Concen: 63.30 ug/l  
RT: 2.94 min Scan# 276  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

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



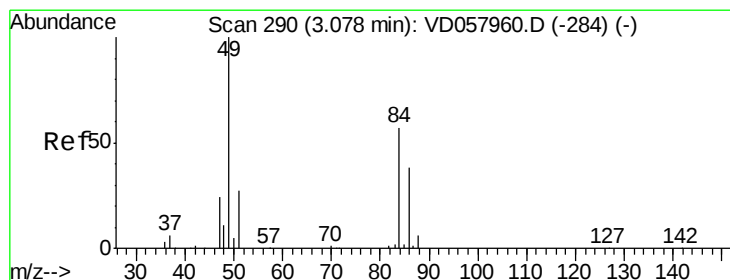
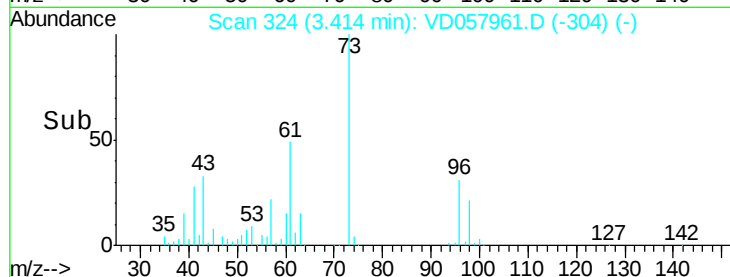
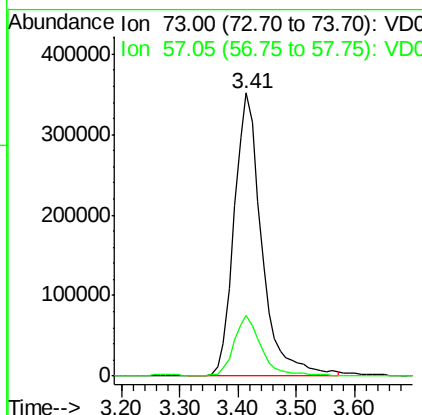
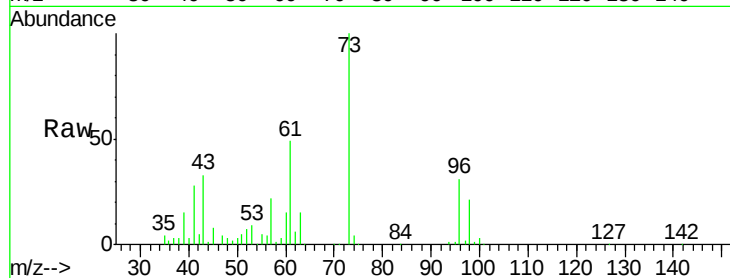


#19

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

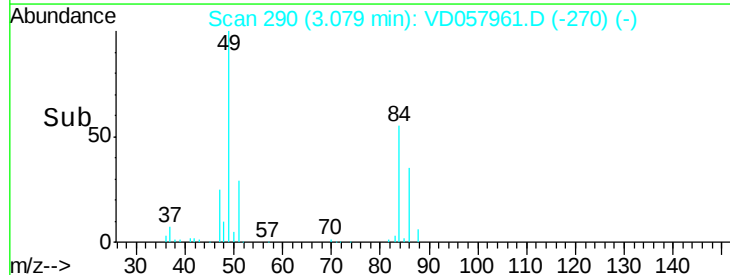
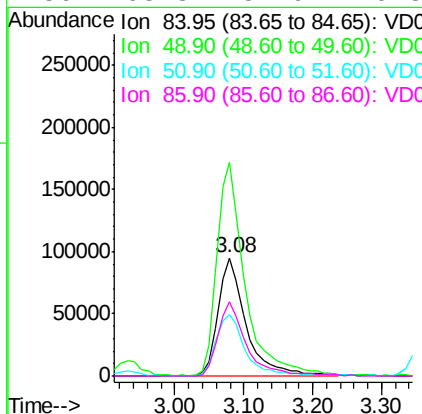
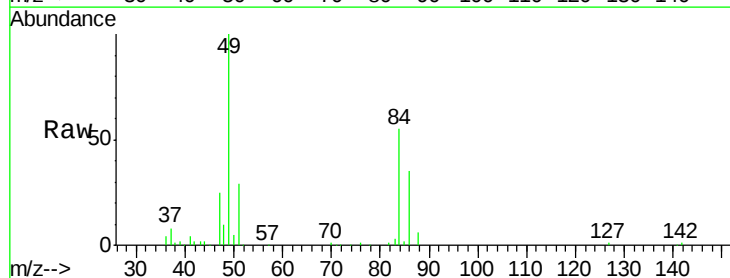
Tgt Ion: 73 Resp: 1159451  
 Ion Ratio Lower Upper  
 73 100  
 57 21.6 16.7 25.1

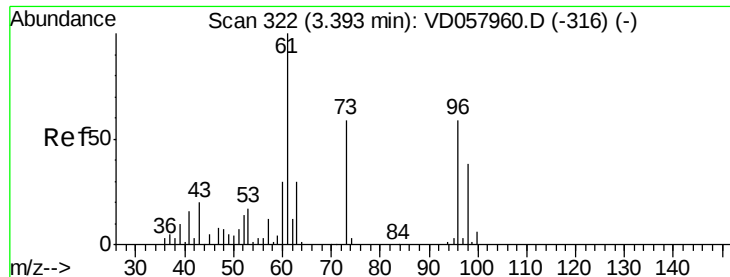


#20

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

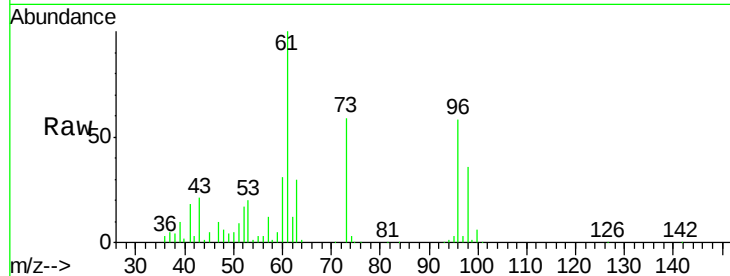
Tgt Ion: 96 Resp: 557738

Ion Ratio Lower Upper

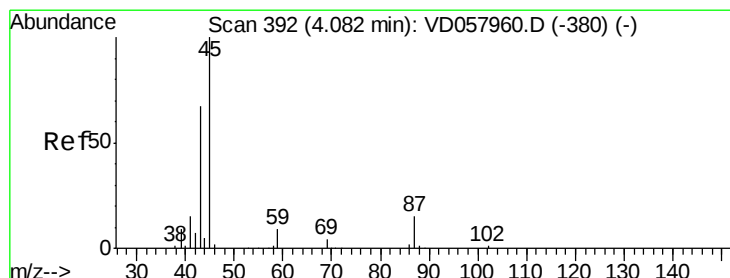
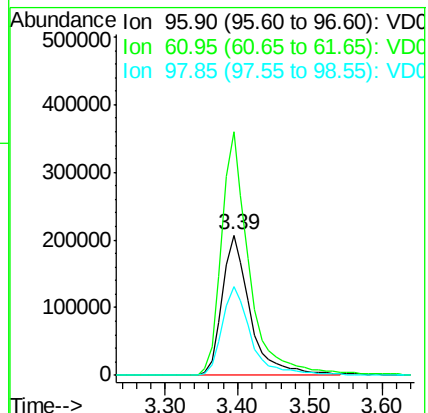
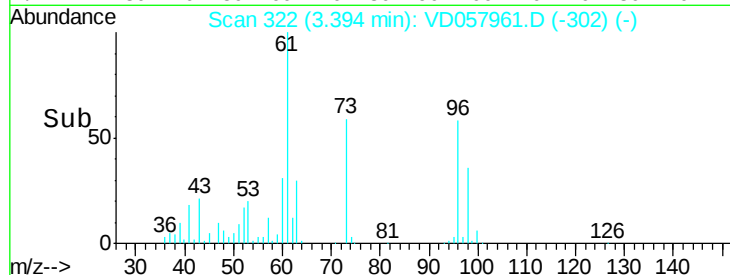
96 100

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

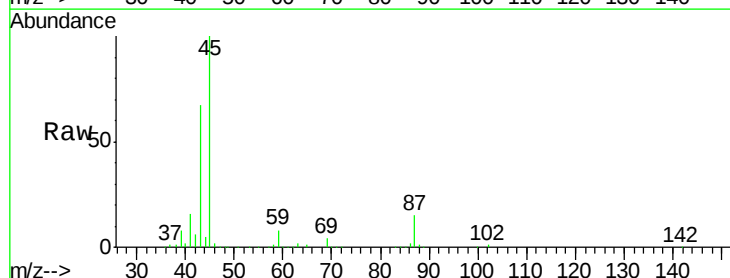
Ion Ratio Lower Upper

45 100

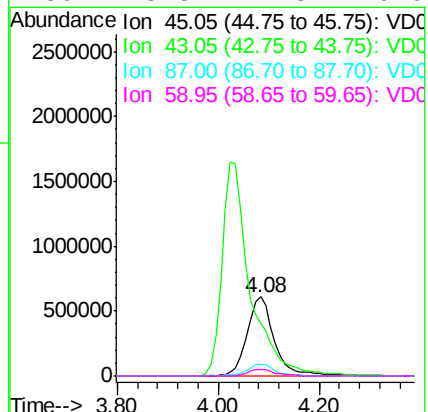
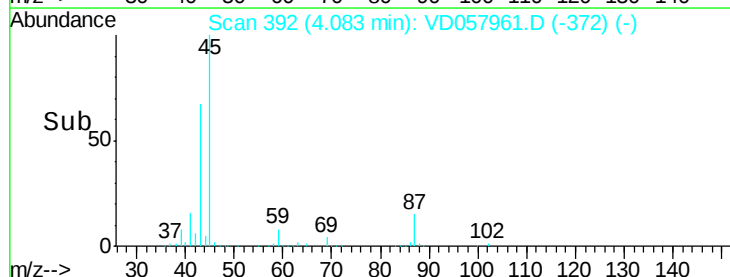
43 66.8 53.8 80.8

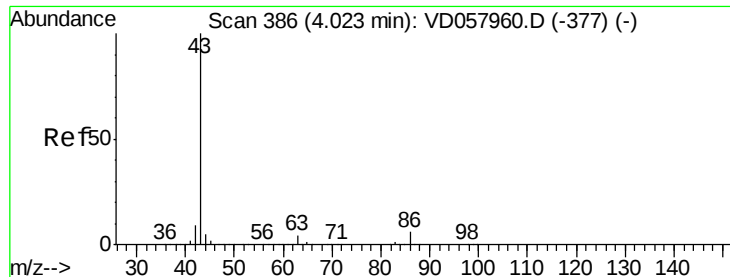
87 15.3 12.5 18.7

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 :

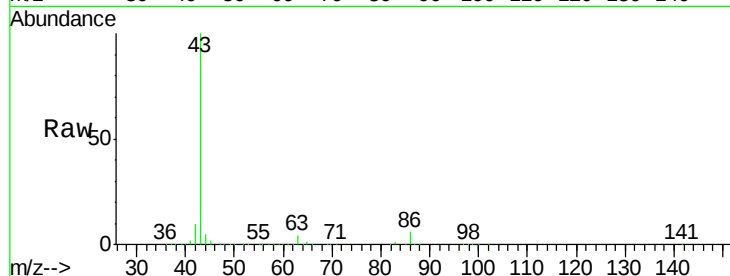
VSTDIC075

Tgt Ion: 43 Resp: 6293311

Ion Ratio Lower Upper

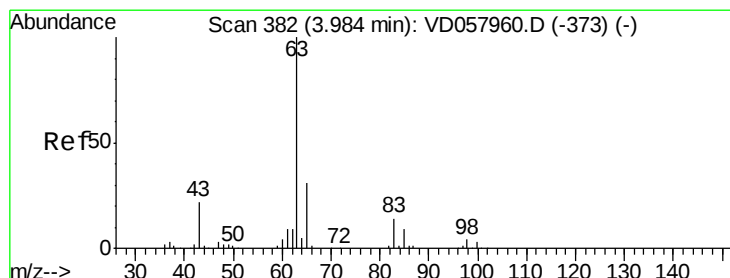
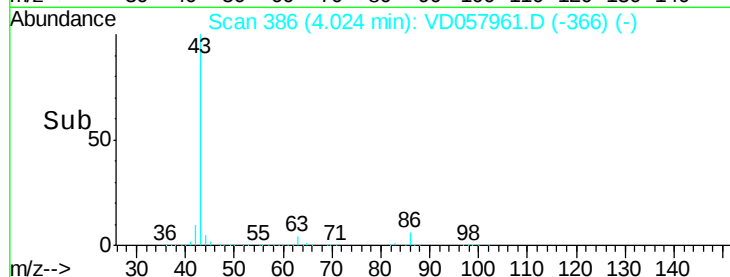
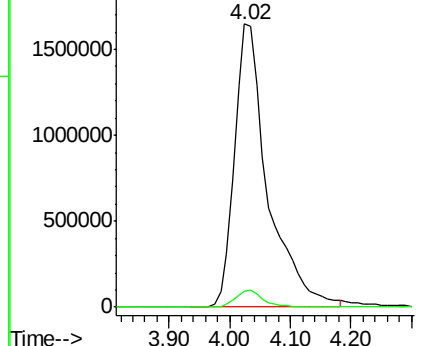
43 100

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

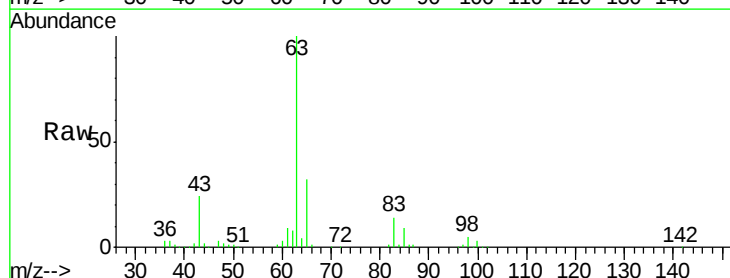
Tgt Ion: 63 Resp: 1252203

Ion Ratio Lower Upper

63 100

98 4.7 2.0 5.8

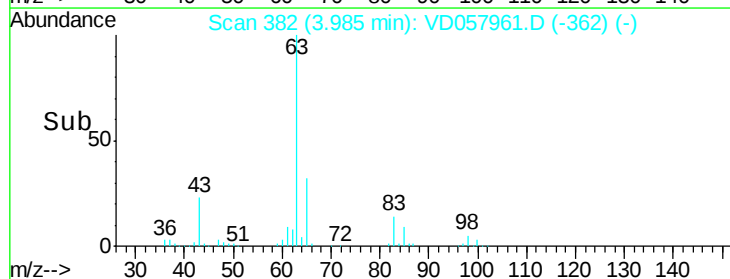
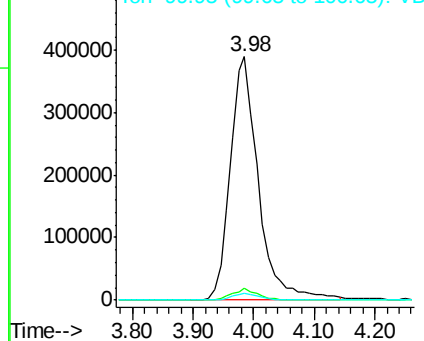
100 2.9 1.4 4.2

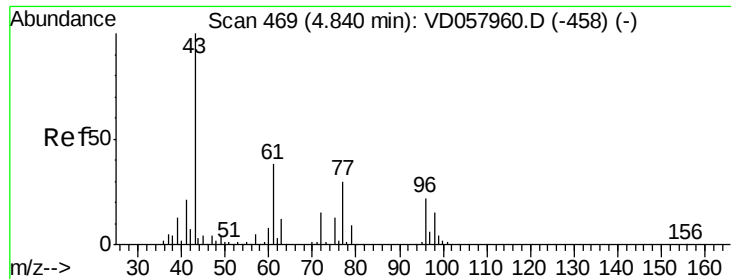


Abundance Ion 62.95 (62.65 to 63.65): VDC

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 :

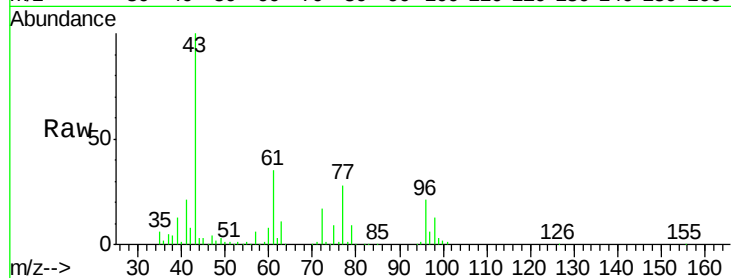
VSTDIC075

Tgt Ion: 43 Resp: 1074509

Ion Ratio Lower Upper

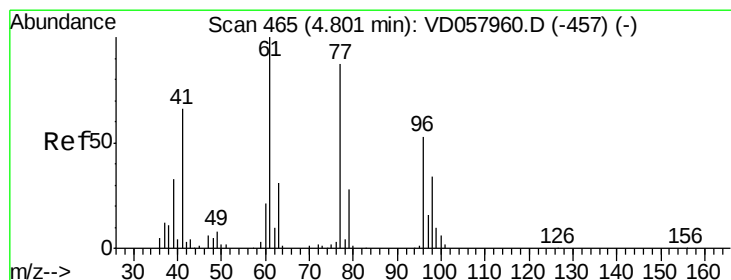
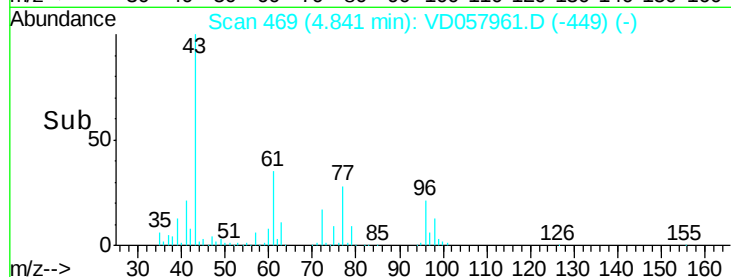
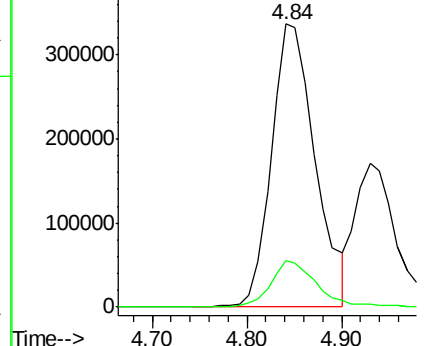
43 100

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

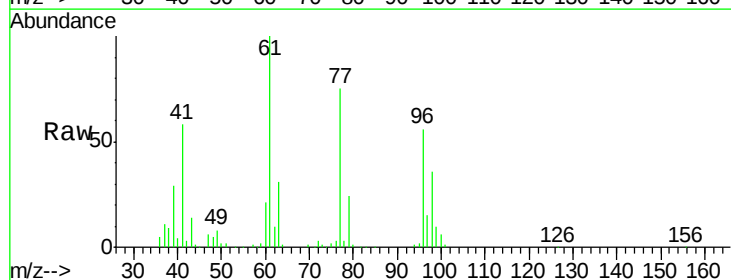
Acq: 6 Jun 2018 19:46

Tgt Ion: 77 Resp: 1035266

Ion Ratio Lower Upper

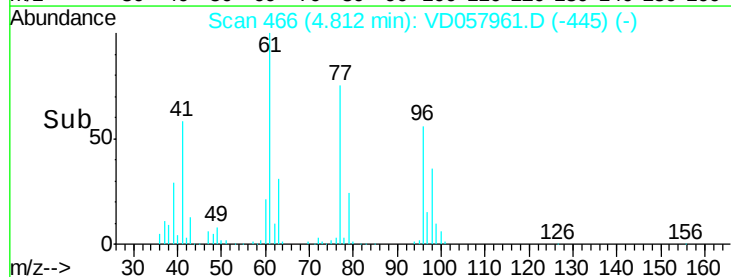
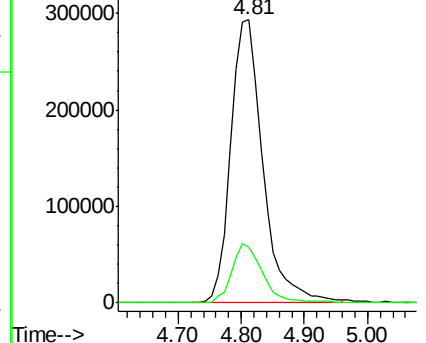
77 100

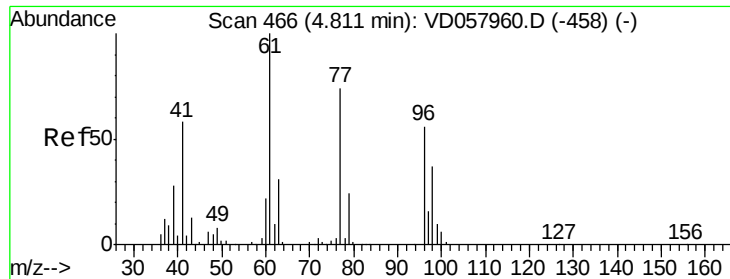
97 19.7 9.2 27.6



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

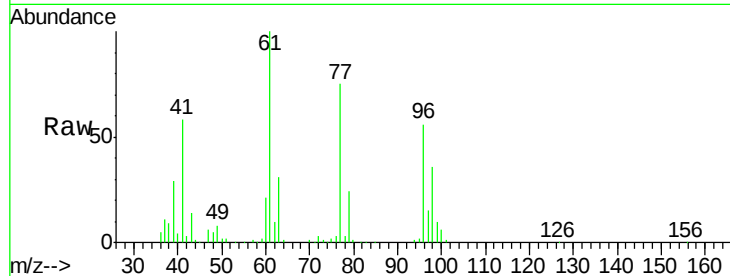
Tgt Ion: 96 Resp: 653337

Ion Ratio Lower Upper

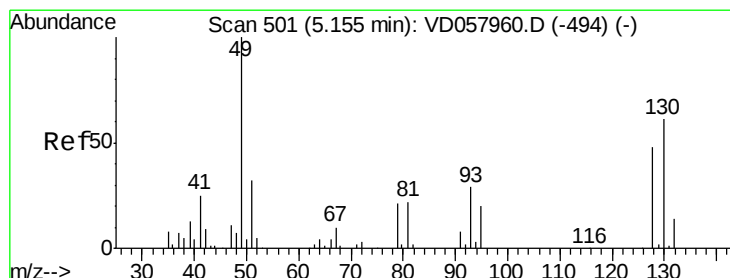
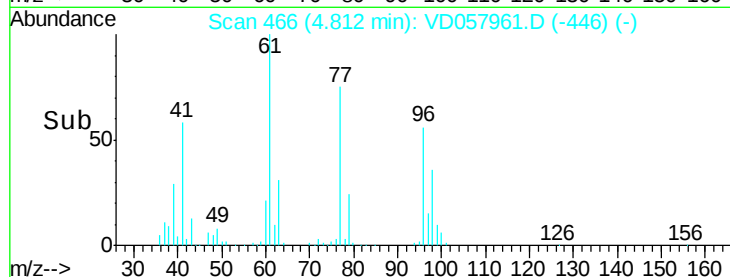
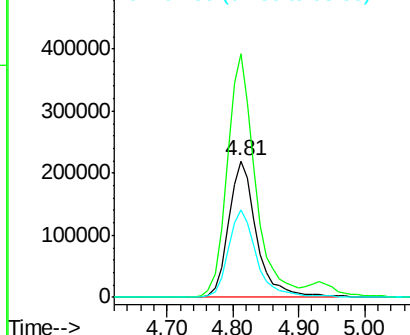
96 100

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

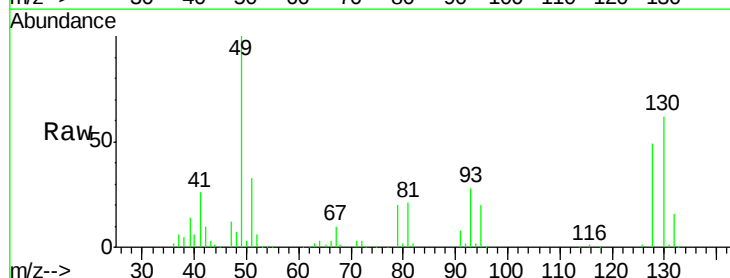
Tgt Ion: 49 Resp: 607631

Ion Ratio Lower Upper

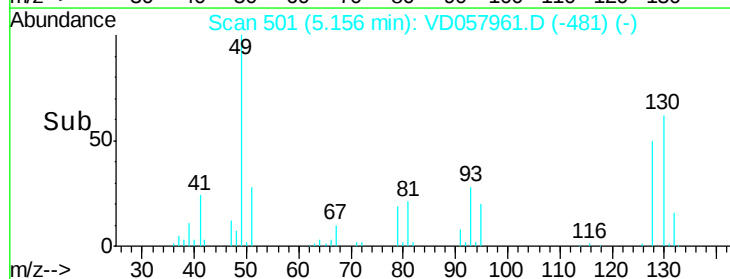
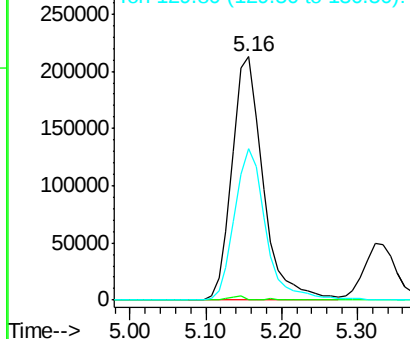
49 100

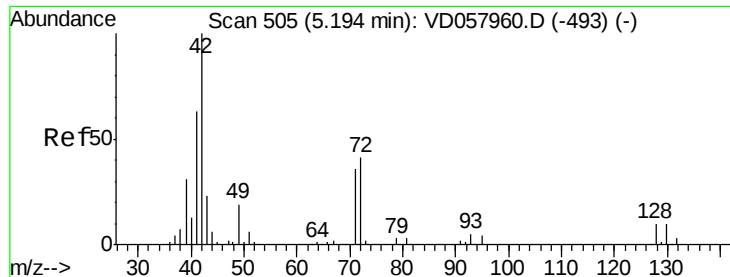
129 0.0 0.0 3.6

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

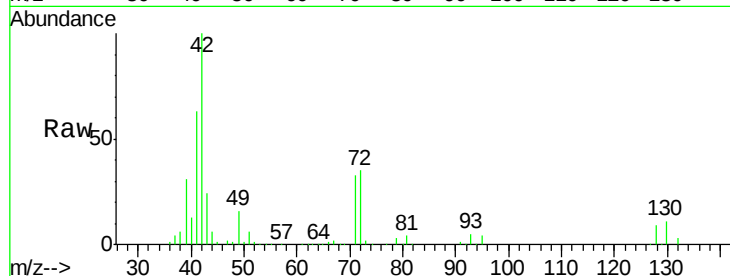
Tgt Ion: 42 Resp: 566670

Ion Ratio Lower Upper

42 100

72 33.7 28.5 42.7

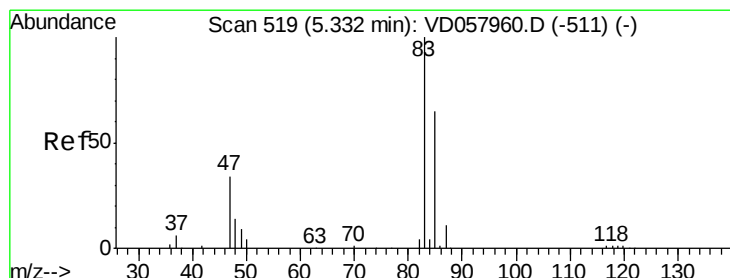
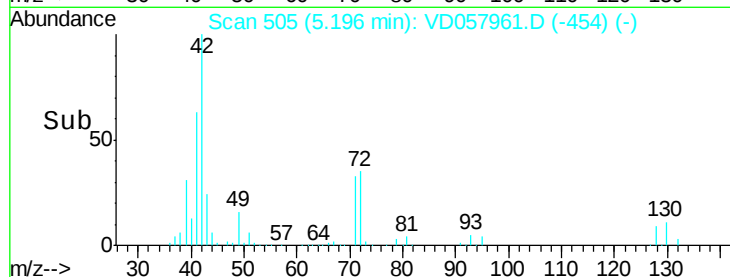
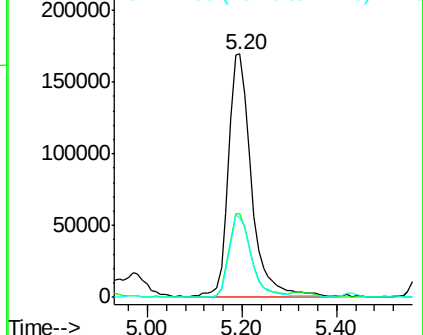
71 33.1 27.9 41.9



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

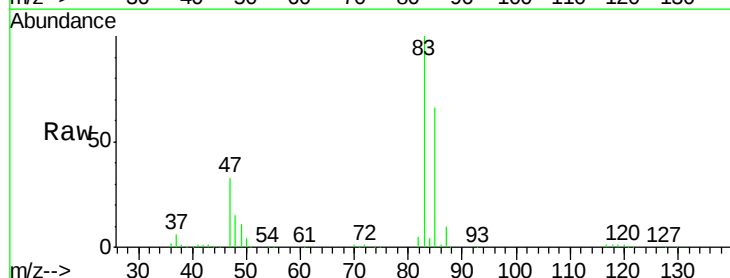
Acq: 6 Jun 2018 19:46

Tgt Ion: 83 Resp: 1318318

Ion Ratio Lower Upper

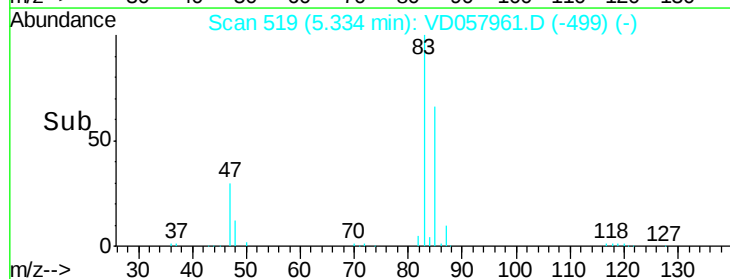
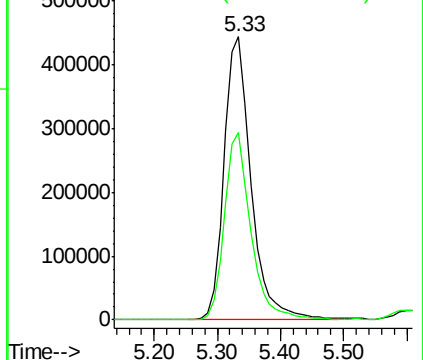
83 100

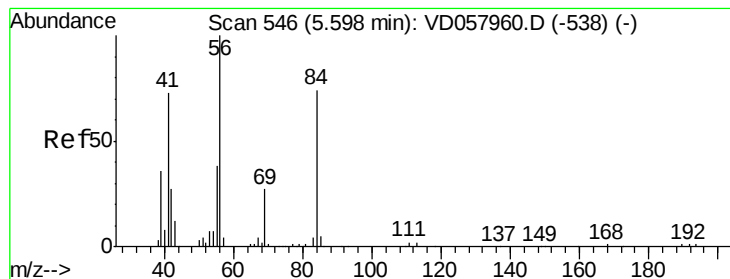
85 66.1 51.6 77.4



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

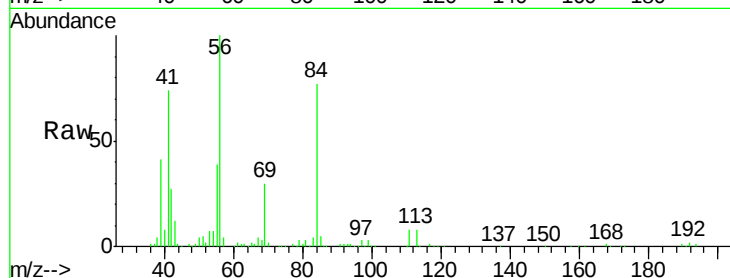
Tgt Ion: 56 Resp: 1029592

Ion Ratio Lower Upper

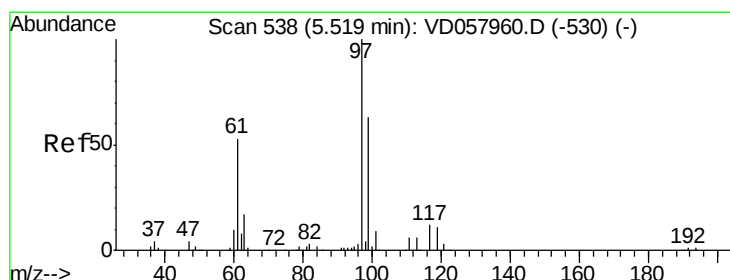
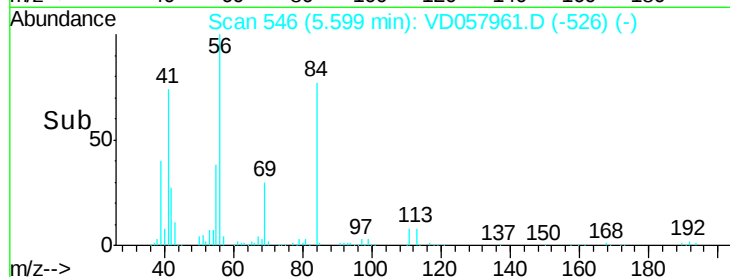
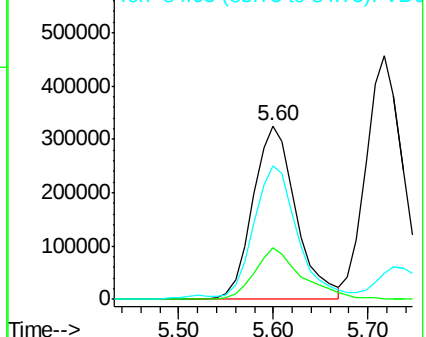
56 100

69 29.7 21.5 32.3

84 77.0 61.0 91.6



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



#32

1,1,1-Trichloroethane

Concen: 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

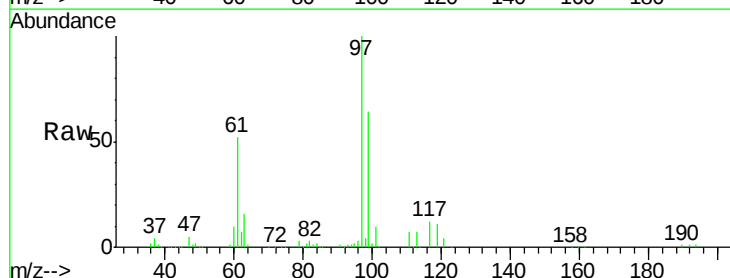
Tgt Ion: 97 Resp: 1131075

Ion Ratio Lower Upper

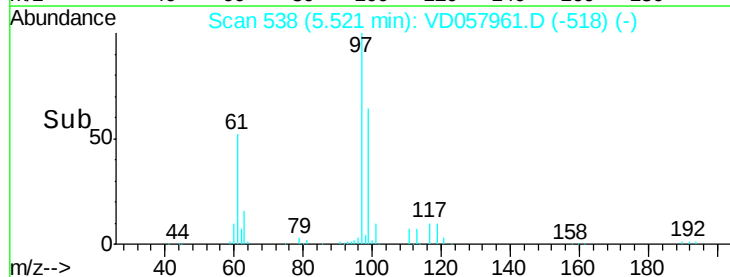
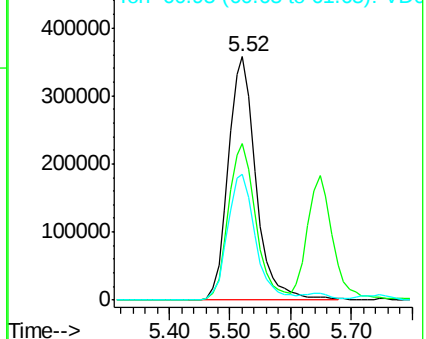
97 100

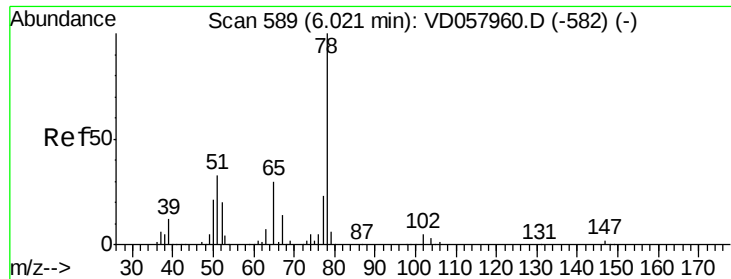
99 64.3 50.1 75.1

61 51.6 42.2 63.4



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





#33

1,2-Dichloroethane-d4

Concen: 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 :

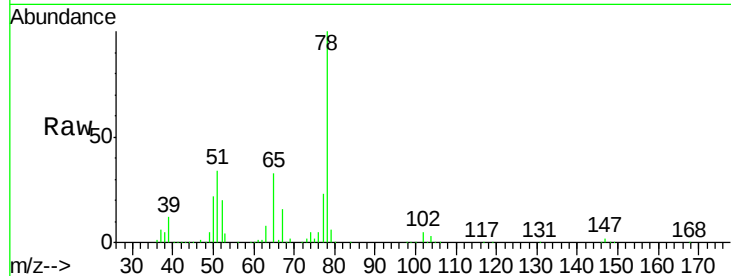
VSTDIC075

Tgt Ion: 65 Resp: 635419

Ion Ratio Lower Upper

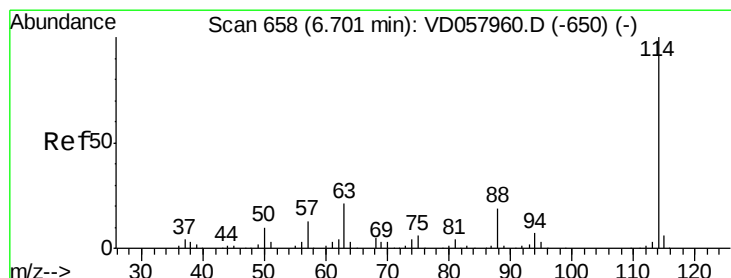
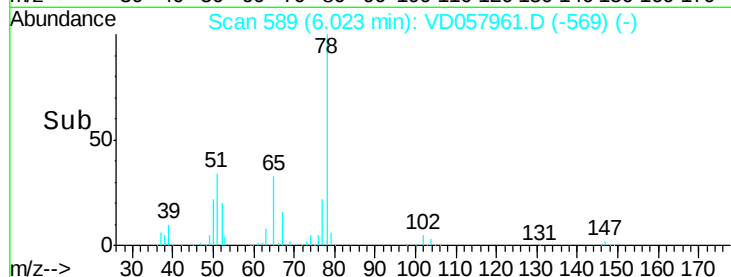
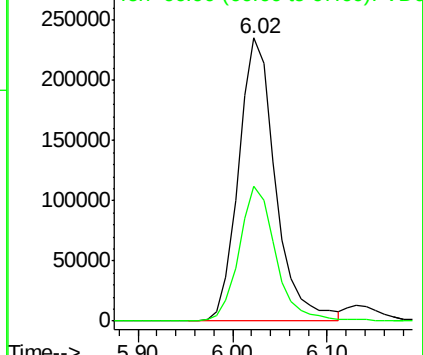
65 100

67 47.4 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.69 min Scan# 657

Delta R.T. -0.01 min

Lab File: VD057961.D

Acq: 6 Jun 2018 19:46

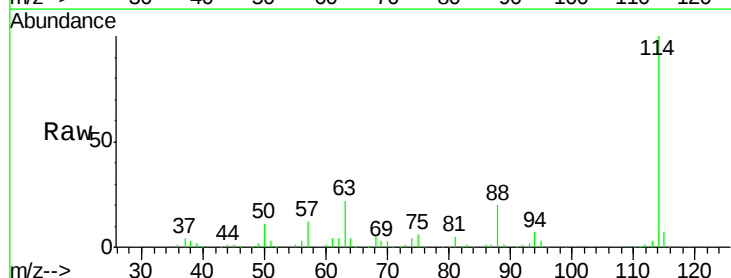
Tgt Ion: 114 Resp: 1291475

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.8

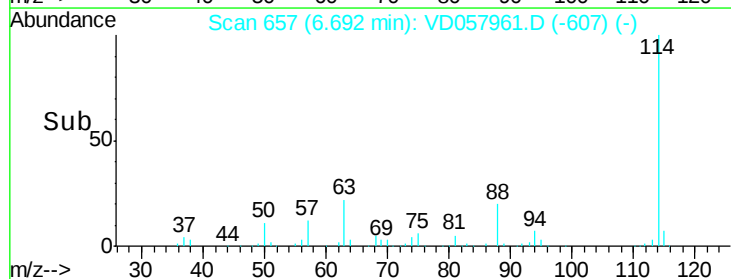
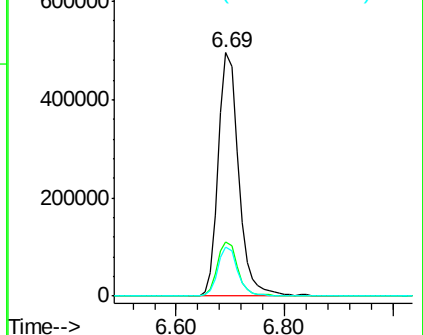
88 19.9 0.0 37.8

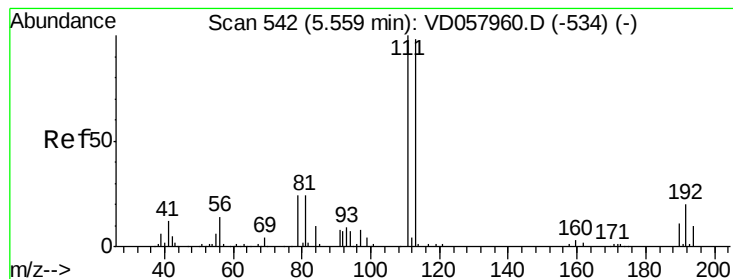


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 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

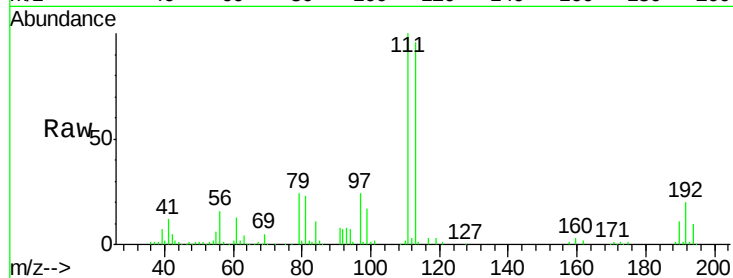
Tgt Ion:113 Resp: 660746

Ion Ratio Lower Upper

113 100

111 103.9 81.5 122.3

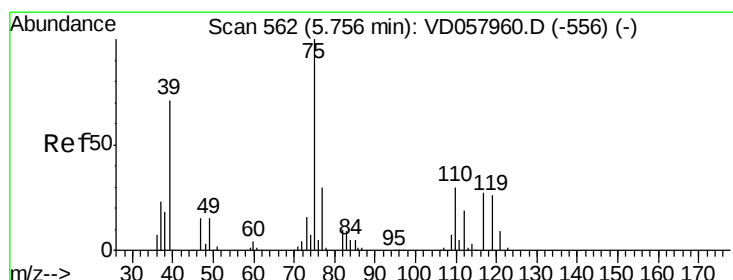
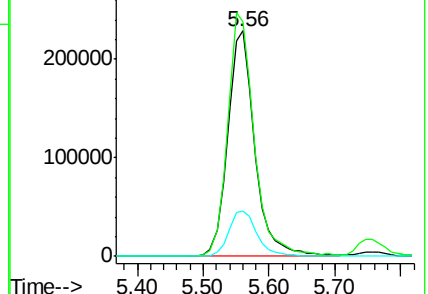
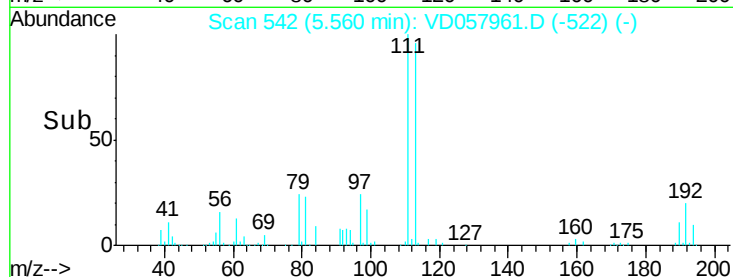
192 20.3 16.4 24.6



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

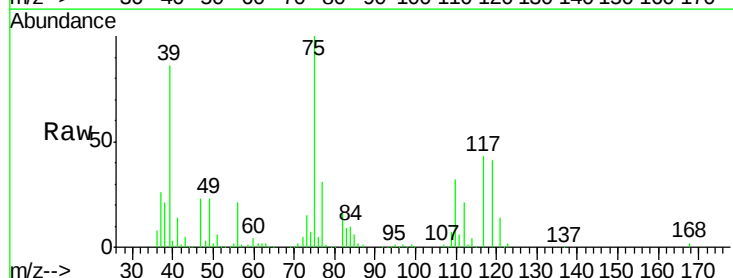
Tgt Ion: 75 Resp: 891119

Ion Ratio Lower Upper

75 100

110 32.4 14.8 44.3

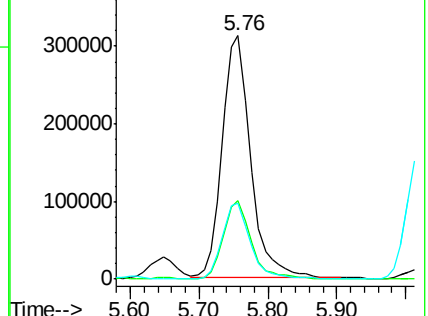
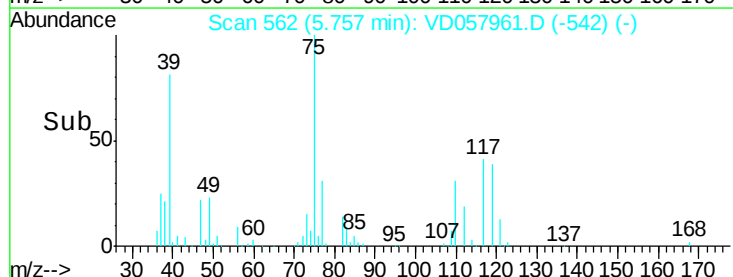
77 31.1 23.9 35.9

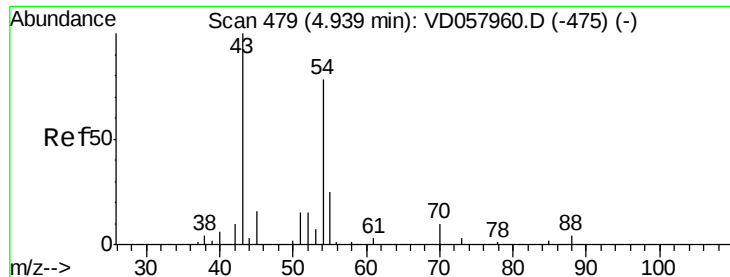


Abundance Ion 75.00 (74.70 to 75.70): VDC

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

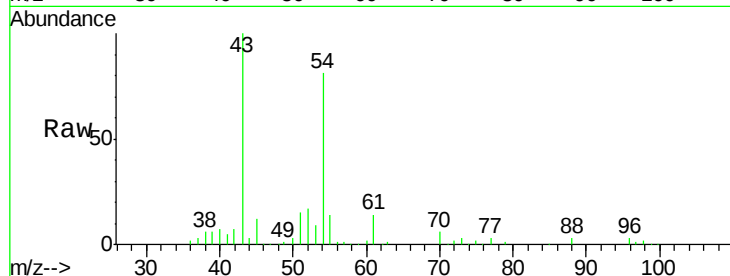
Tgt Ion: 43 Resp: 523504

Ion Ratio Lower Upper

43 100

61 14.5 9.9 14.9

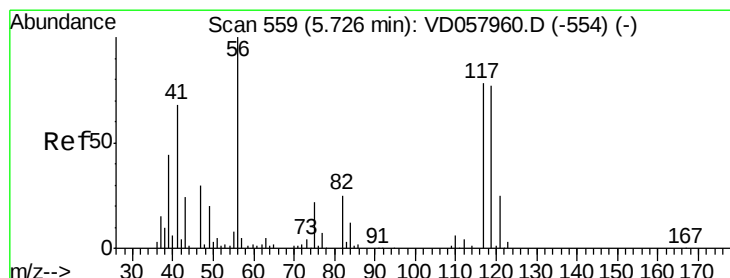
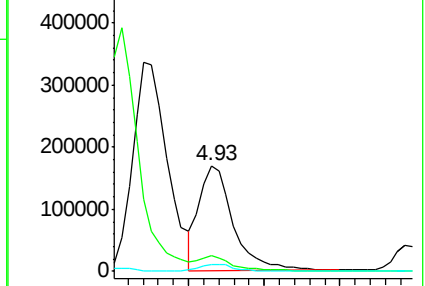
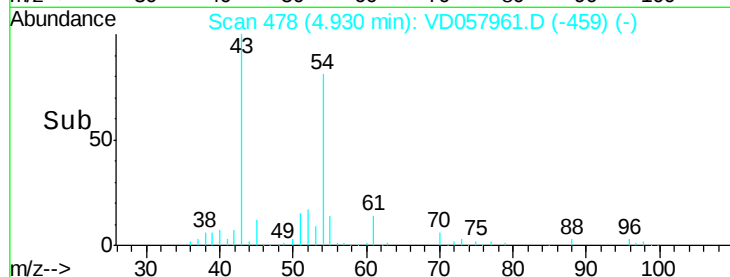
70 6.3 5.7 8.5



Abundance Ion 42.95 (42.65 to 43.65): VD057961.D (-459) (-)

Ion 60.95 (60.65 to 61.65): VD057961.D (-459) (-)

Ion 70.00 (69.70 to 70.70): VD057961.D (-459) (-)



#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

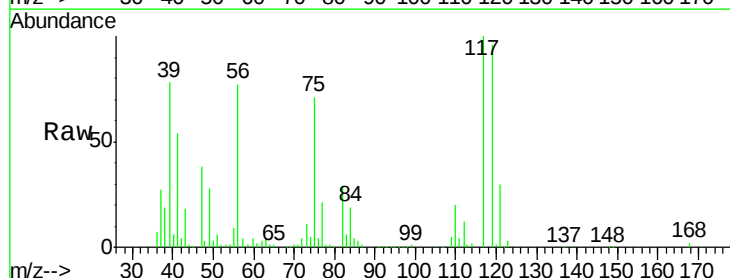
Tgt Ion: 117 Resp: 951681

Ion Ratio Lower Upper

117 100

119 95.8 76.1 114.1

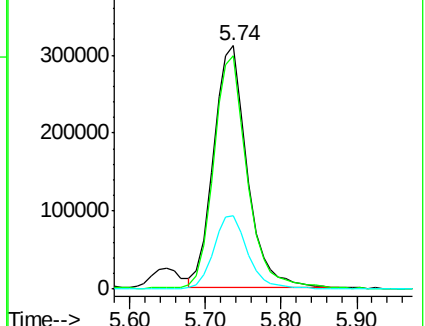
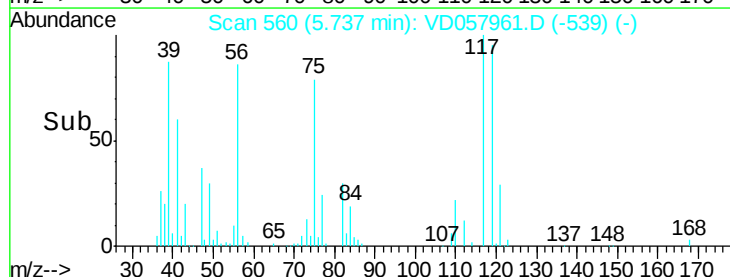
121 30.1 24.9 37.3

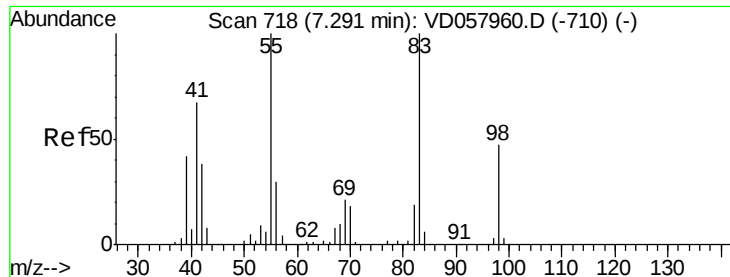


Abundance Ion 116.85 (116.55 to 117.55): VD057961.D (-539) (-)

Ion 118.85 (118.55 to 119.55): VD057961.D (-539) (-)

Ion 120.85 (120.55 to 121.55): VD057961.D (-539) (-)

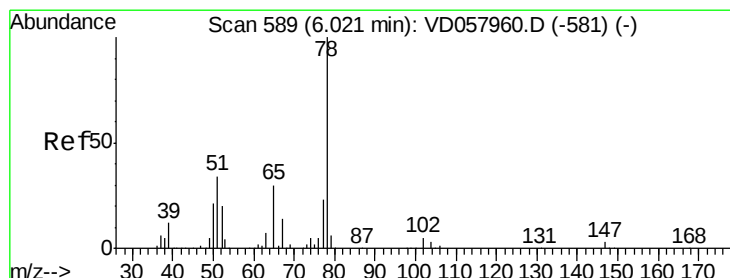
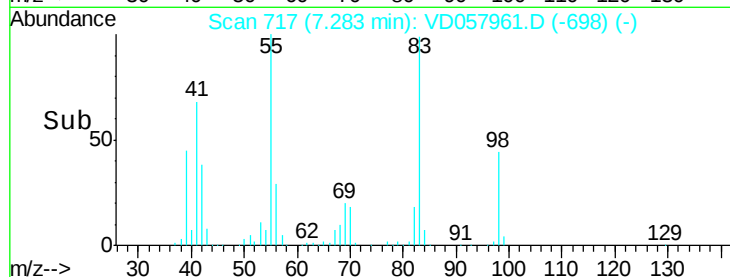
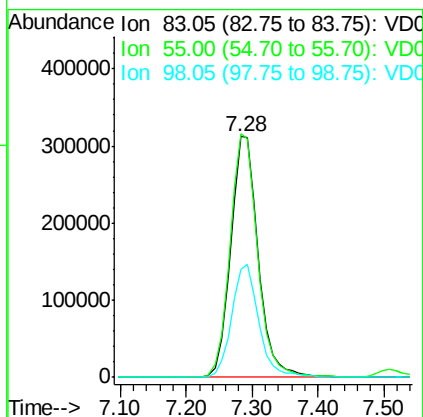
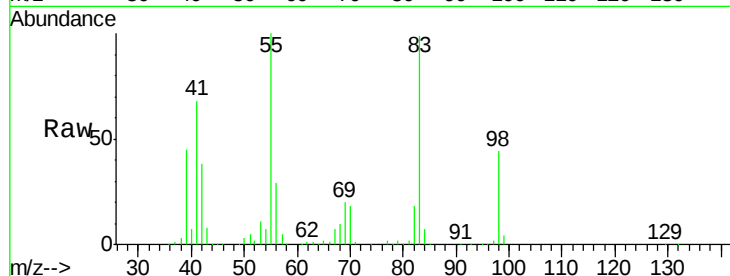




#39  
Methylcyclohexane  
Concen: 64.96 ug/l  
RT: 7.28 min Scan# 717  
Delta R.T. -0.01 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

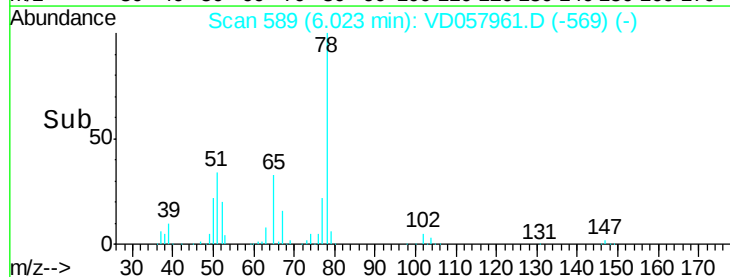
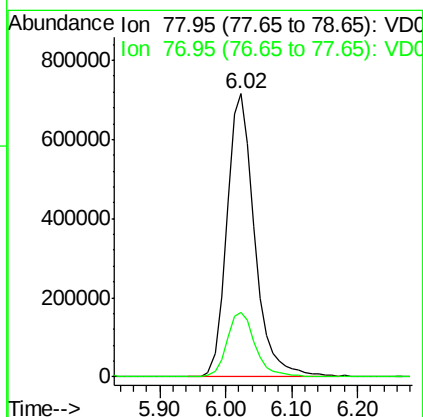
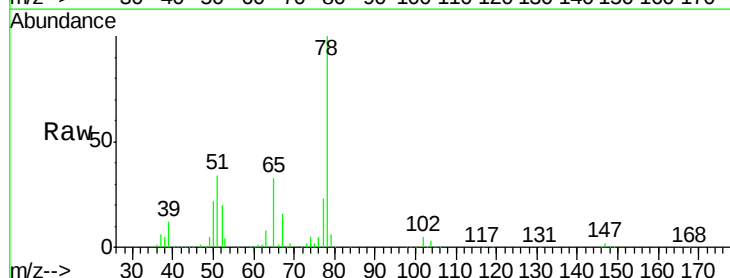
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

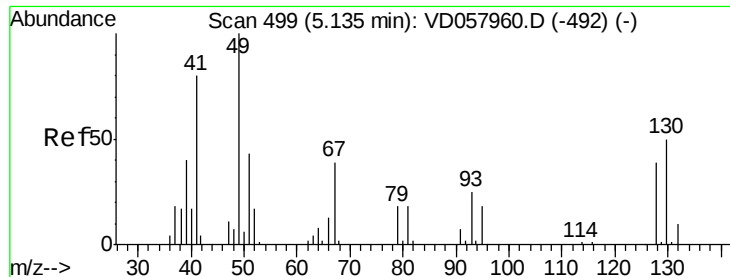
Tgt Ion: 83 Resp: 916251  
Ion Ratio Lower Upper  
83 100  
55 101.1 80.3 120.5  
98 44.6 38.0 57.0



#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

Tgt Ion: 41 Resp: 248791

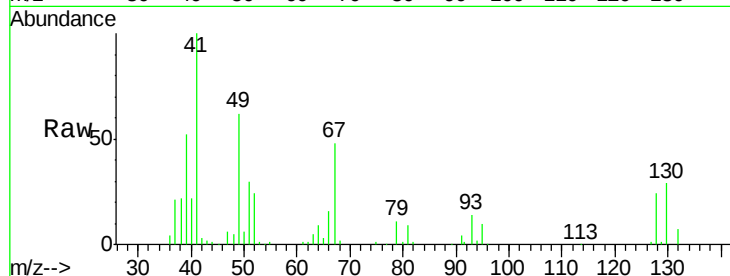
Ion Ratio Lower Upper

41 100

39 51.6 40.7 61.1

67 47.9 38.8 58.2

52 23.9 17.3 25.9

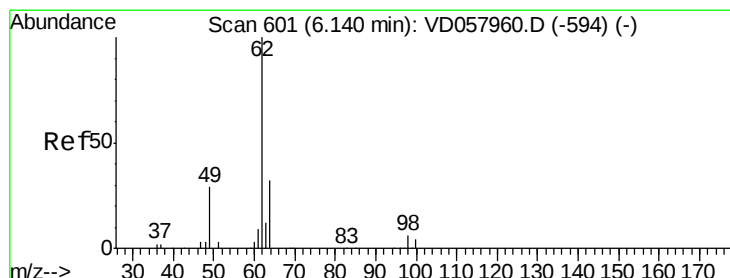
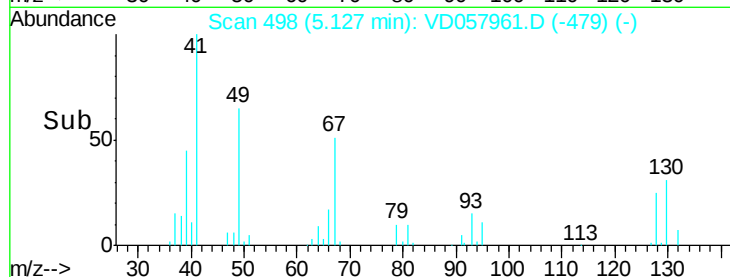
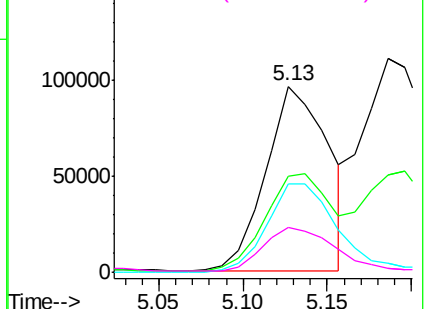


Abundance Ion 40.95 (40.65 to 41.65): VDC

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

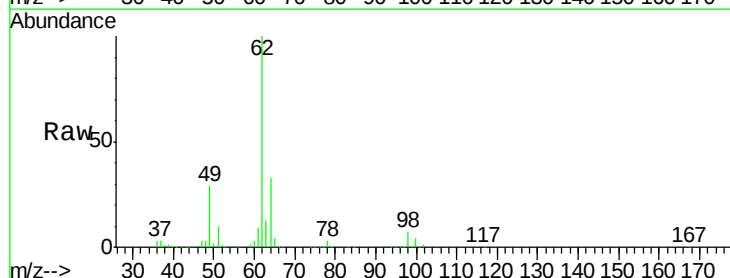
Acq: 6 Jun 2018 19:46

Tgt Ion: 62 Resp: 900371

Ion Ratio Lower Upper

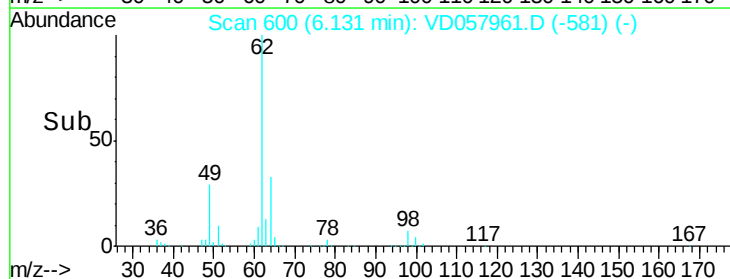
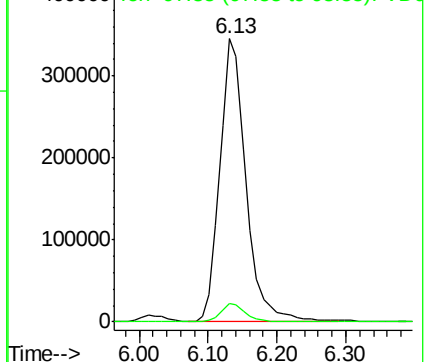
62 100

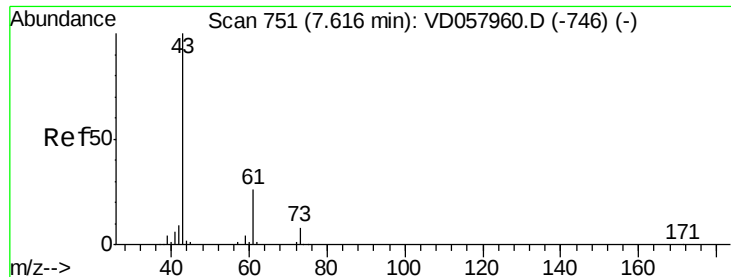
98 6.7 0.0 12.8



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

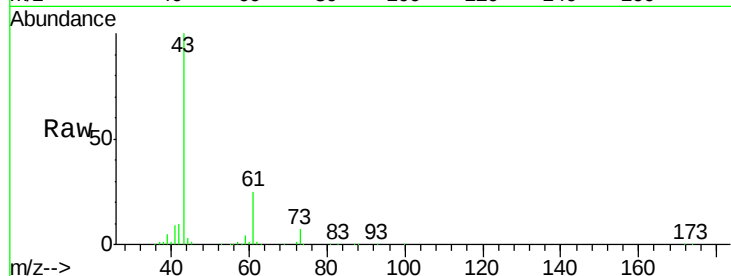
Tgt Ion: 43 Resp: 695098

Ion Ratio Lower Upper

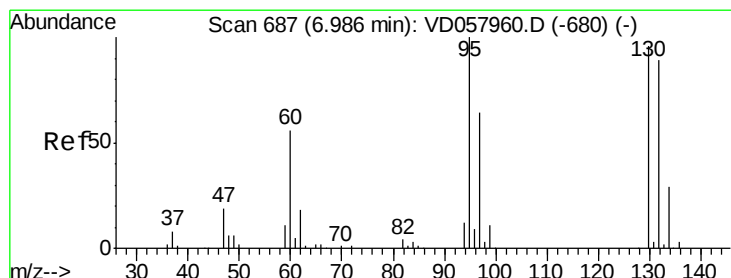
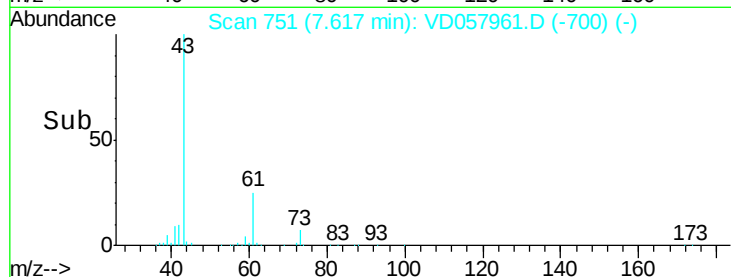
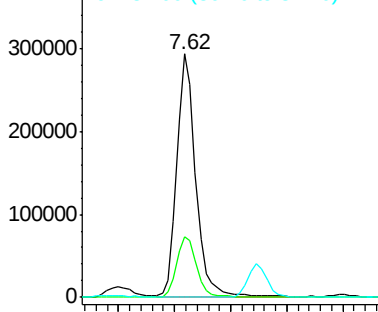
43 100

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

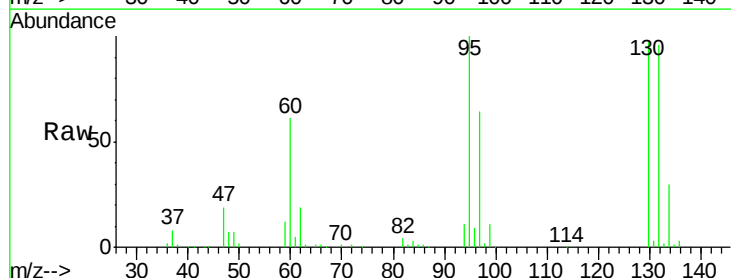
Acq: 6 Jun 2018 19:46

Tgt Ion:130 Resp: 660372

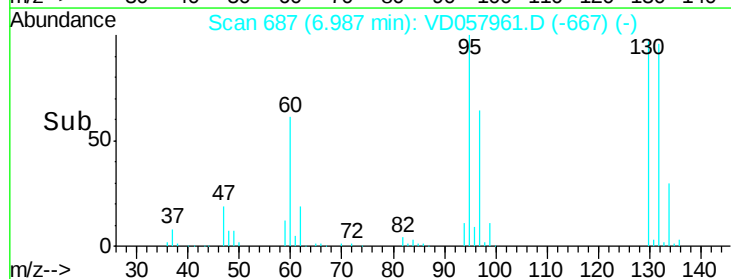
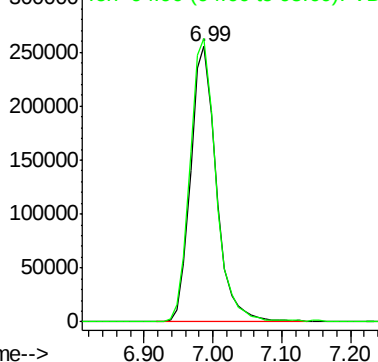
Ion Ratio Lower Upper

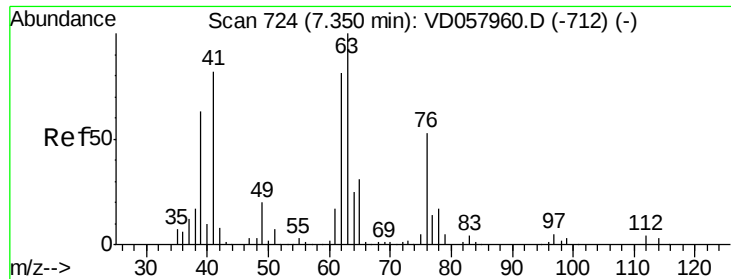
130 100

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 :

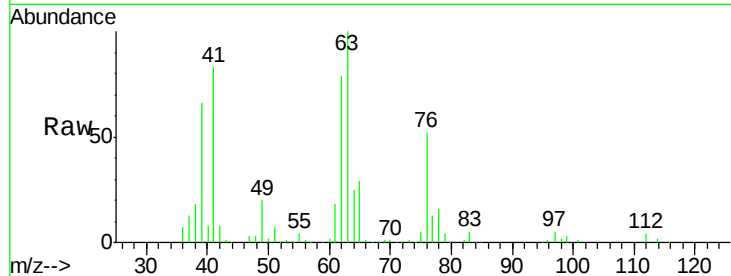
VSTDIC075

Tgt Ion: 63 Resp: 613584

Ion Ratio Lower Upper

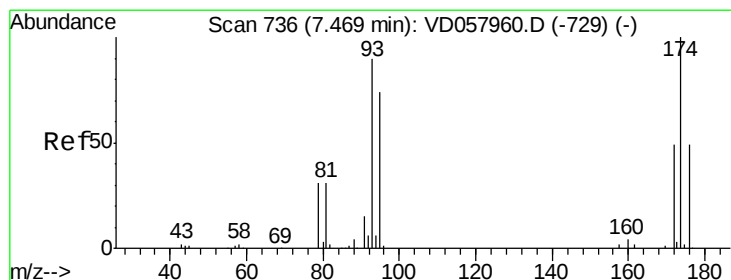
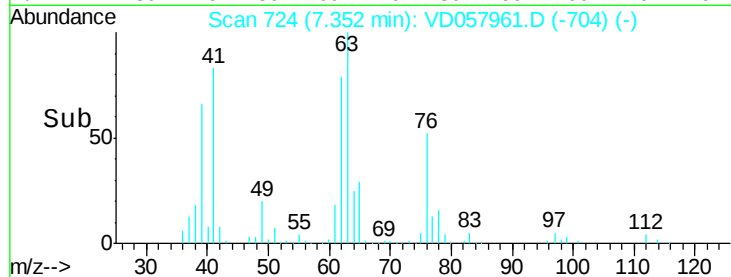
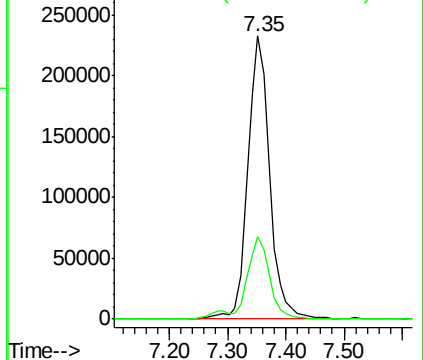
63 100

65 29.3 24.9 37.3



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#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

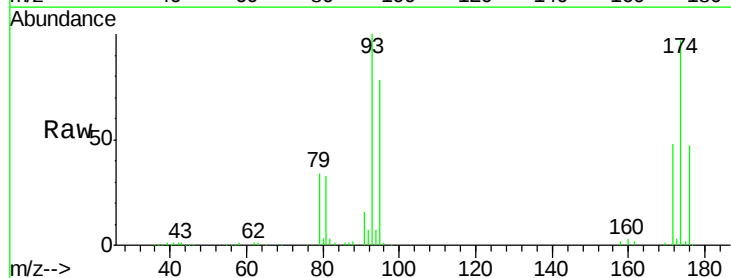
Tgt Ion: 93 Resp: 404910

Ion Ratio Lower Upper

93 100

95 77.8 65.7 98.5

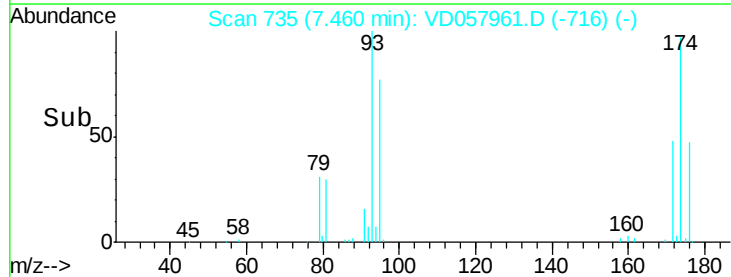
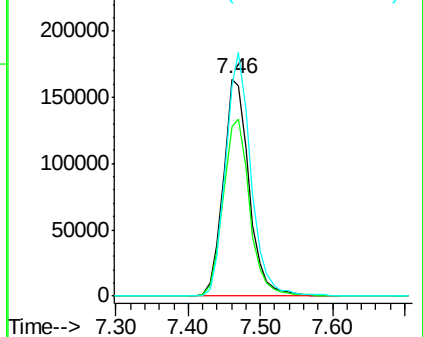
174 97.2 89.0 133.4

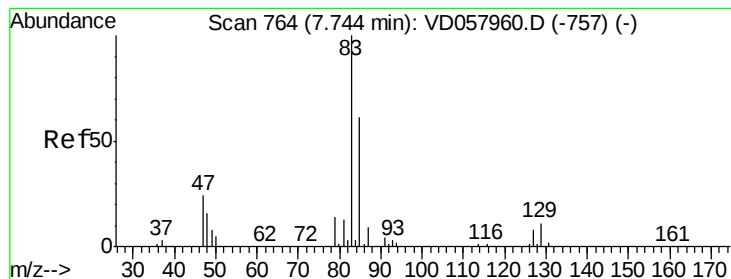


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 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

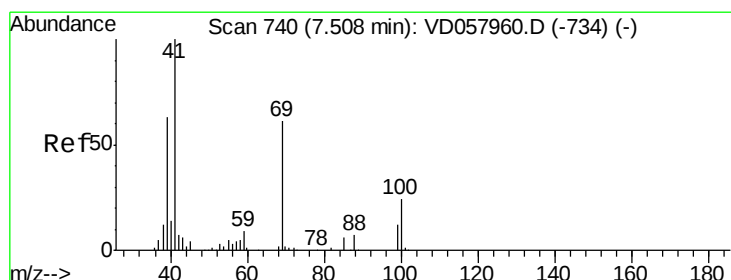
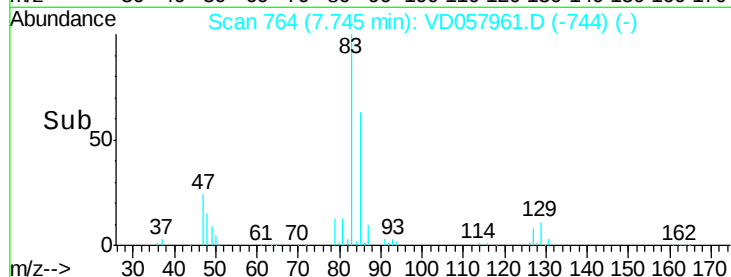
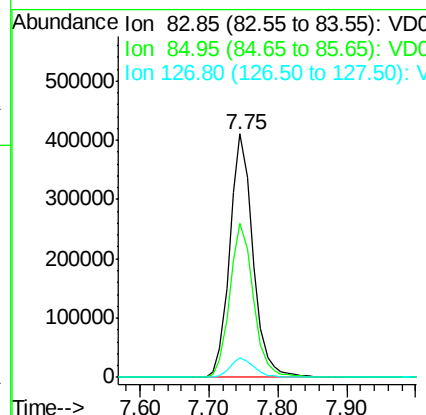
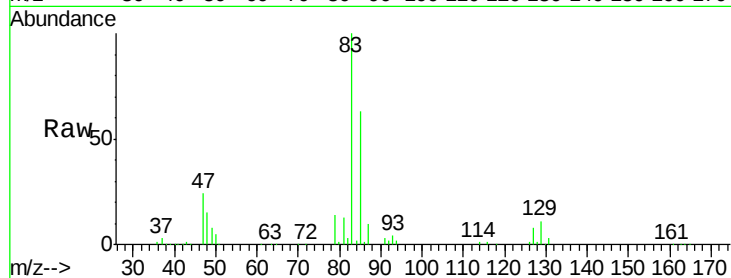
Tgt Ion: 83 Resp: 956436

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

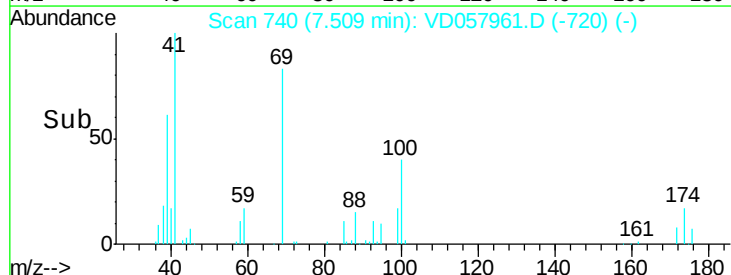
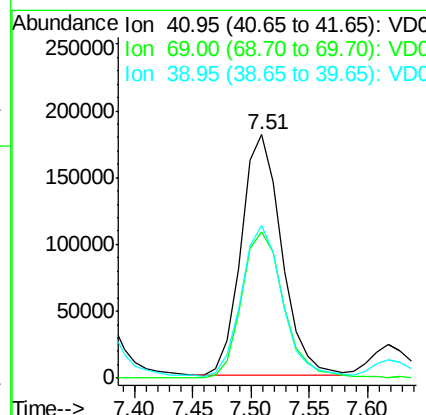
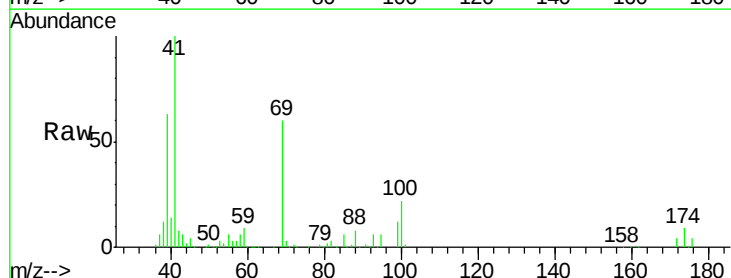
Tgt Ion: 41 Resp: 434235

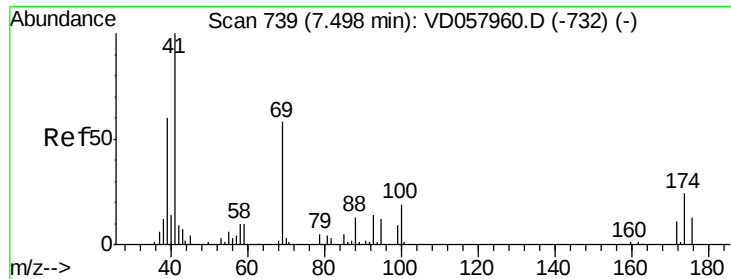
Ion Ratio Lower Upper

41 100

69 60.0 48.0 72.0

39 62.9 50.7 76.1

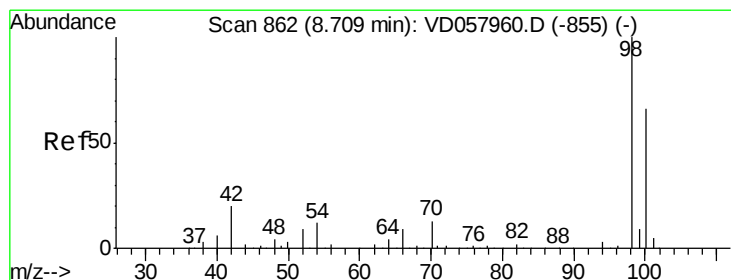
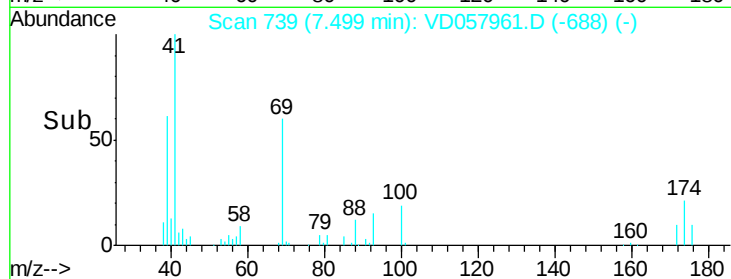
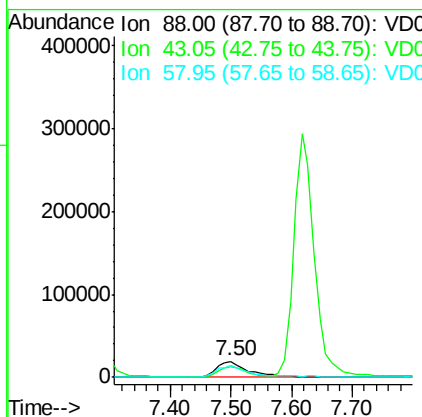
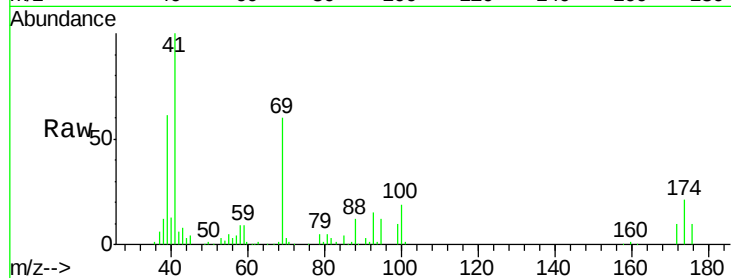




#49  
 1,4-Dioxane  
 Concen: 1394.34 ug/l  
 RT: 7.50 min Scan# 739  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

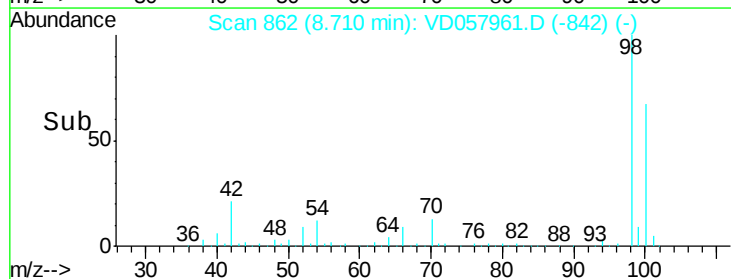
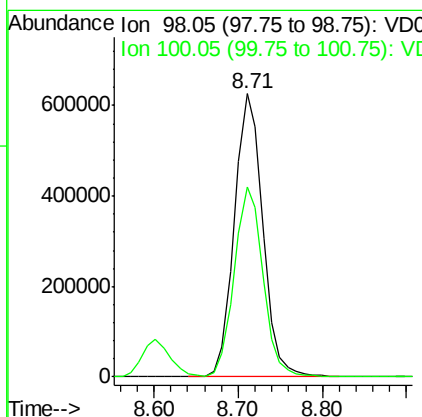
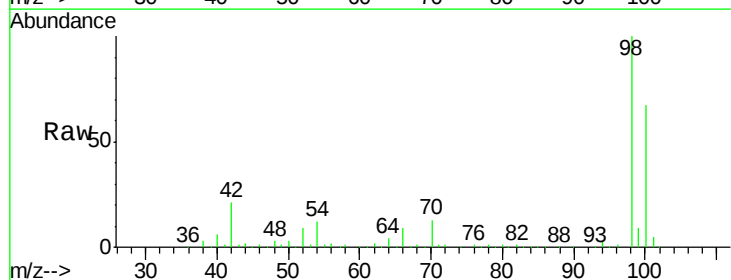
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

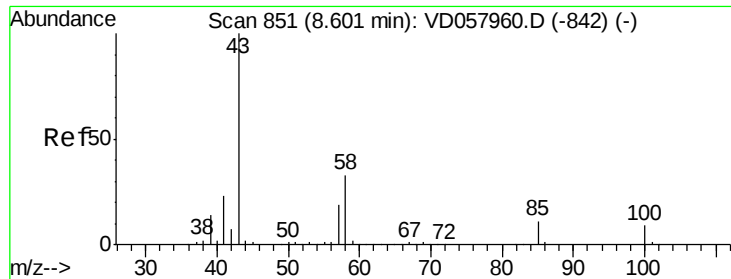
Tgt Ion: 88 Resp: 72300  
 Ion Ratio Lower Upper  
 88 100  
 43 65.9 46.6 69.8  
 58 73.9 63.6 95.4



#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





#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 :

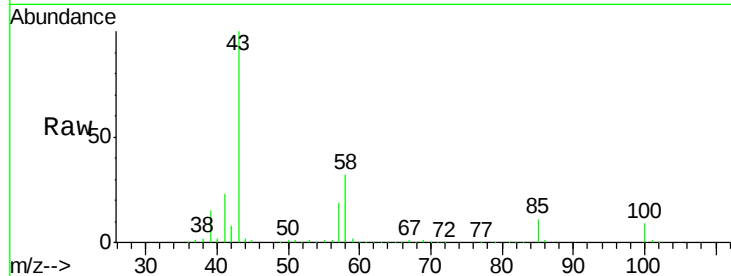
VSTDIC075

Tgt Ion: 43 Resp: 2205574

Ion Ratio Lower Upper

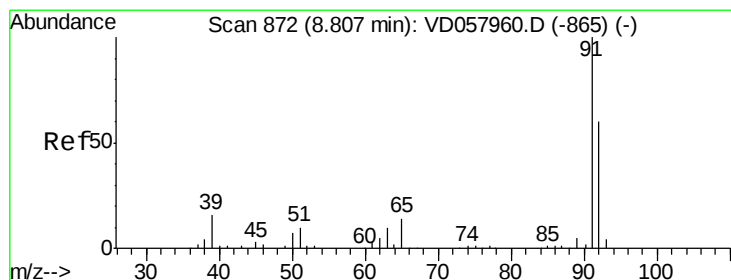
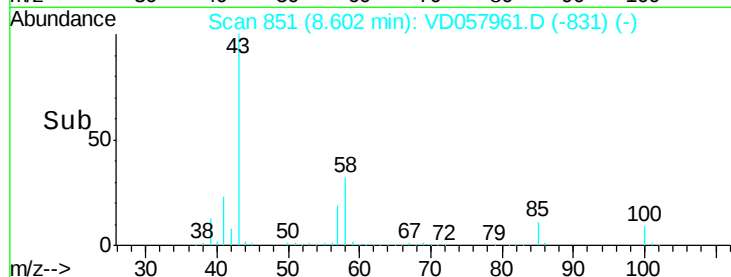
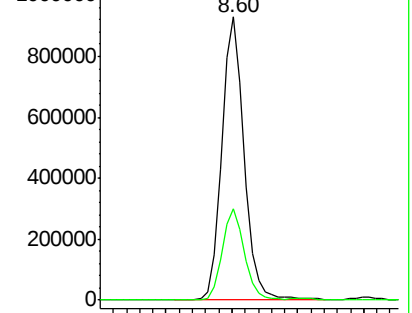
43 100

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

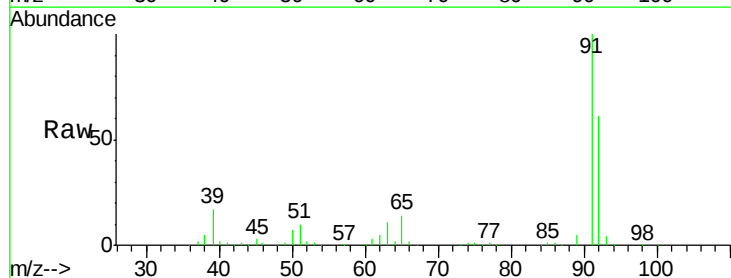
Acq: 6 Jun 2018 19:46

Tgt Ion: 92 Resp: 1202736

Ion Ratio Lower Upper

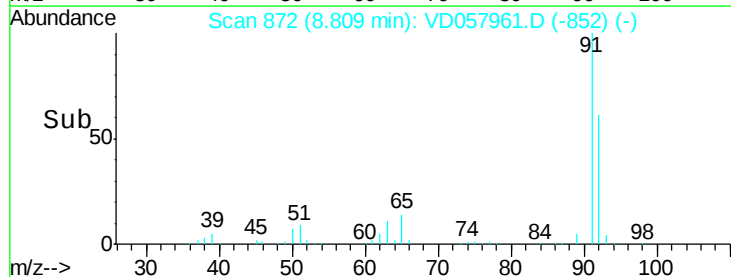
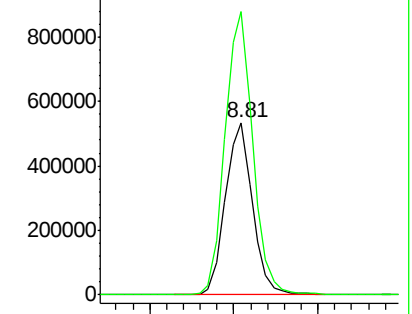
92 100

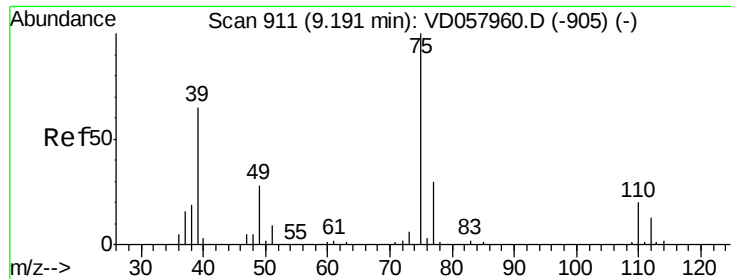
91 164.4 133.0 199.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

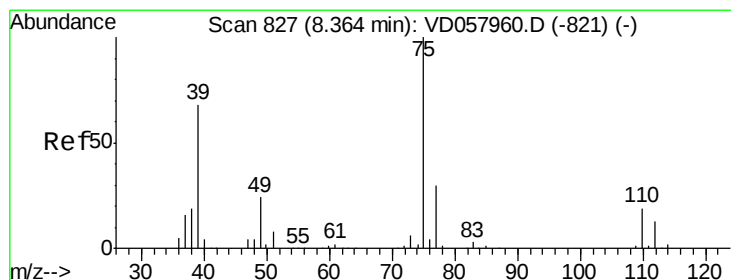
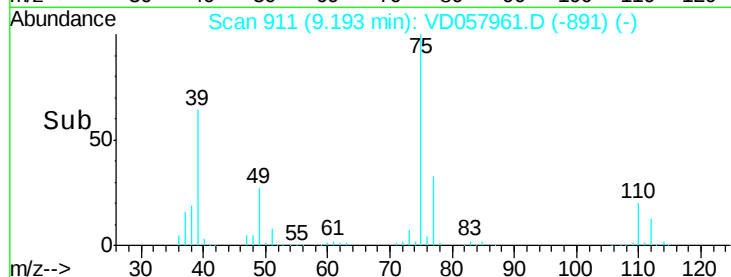
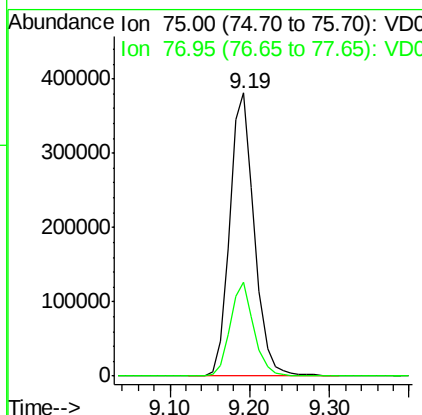
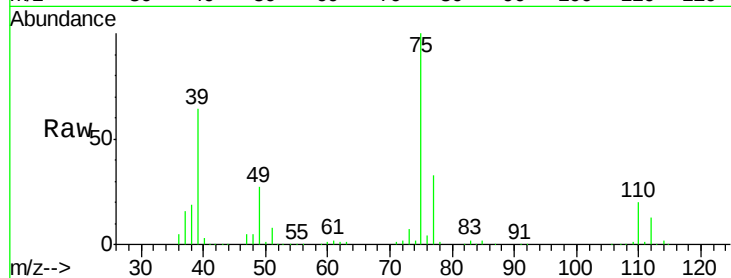




#53  
 t-1,3-Dichloropropene  
 Concen: 68.61 ug/l  
 RT: 9.19 min Scan# 911  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

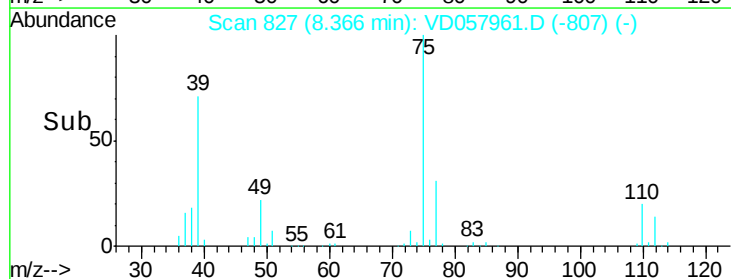
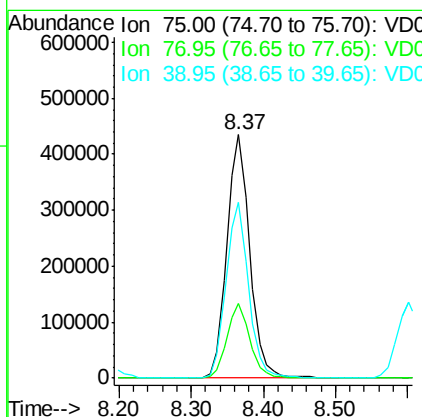
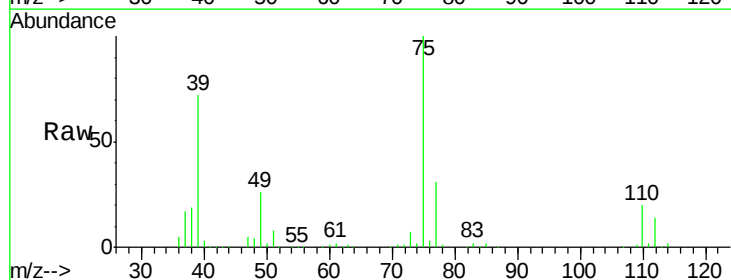
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

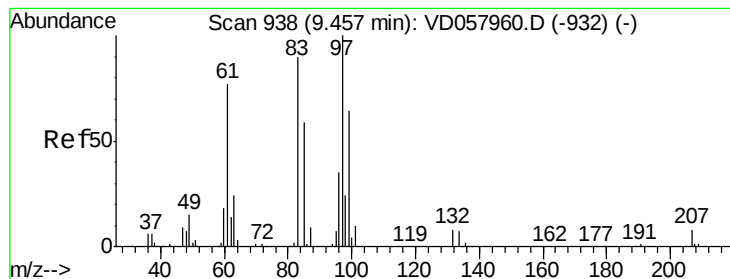
Tgt Ion: 75 Resp: 821365  
 Ion Ratio Lower Upper  
 75 100  
 77 33.1 24.3 36.5



#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

Tgt Ion: 97 Resp: 414770

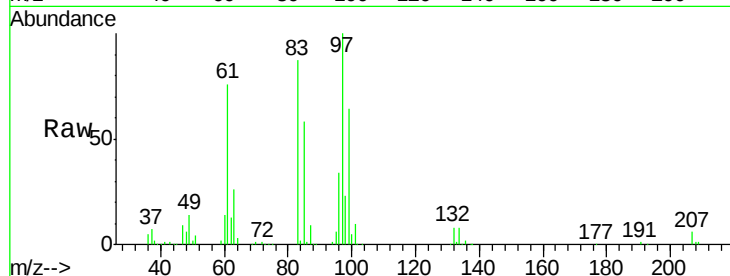
Ion Ratio Lower Upper

97 100

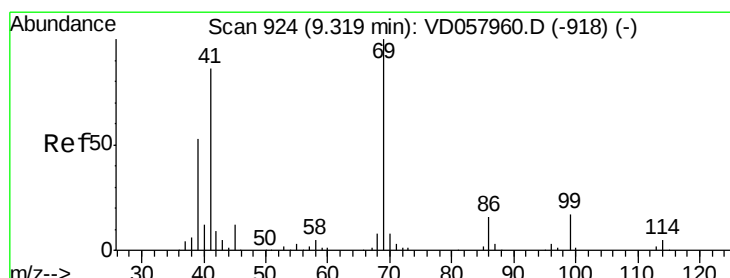
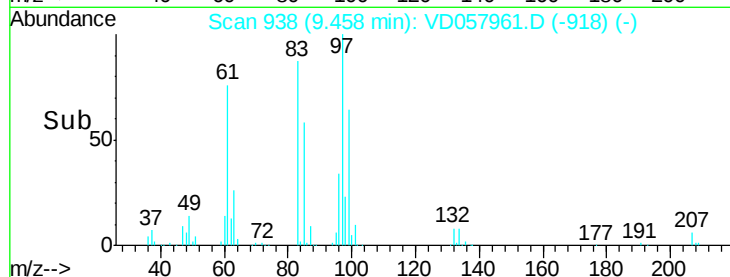
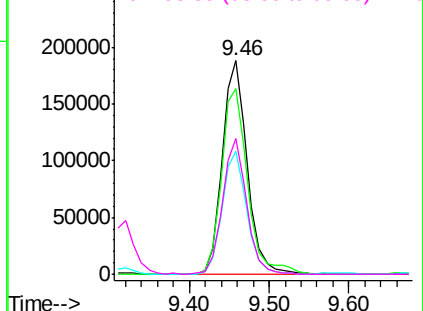
83 87.0 71.8 107.8

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

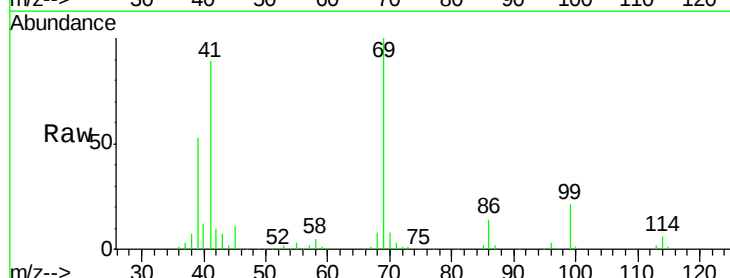
Tgt Ion: 69 Resp: 511343

Ion Ratio Lower Upper

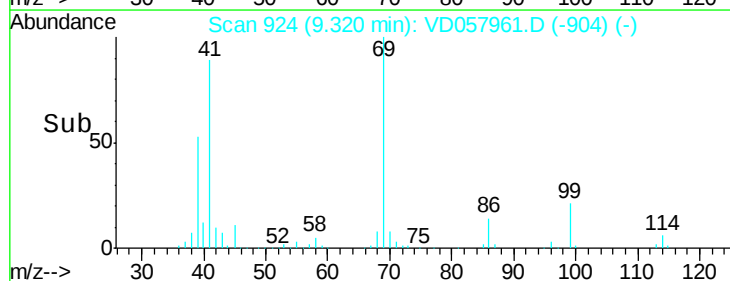
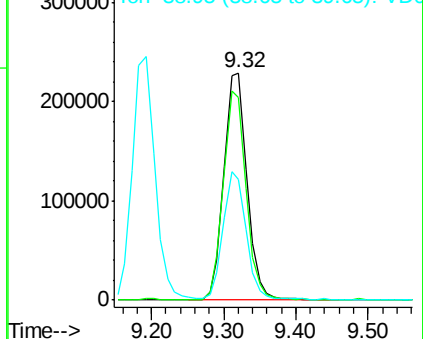
69 100

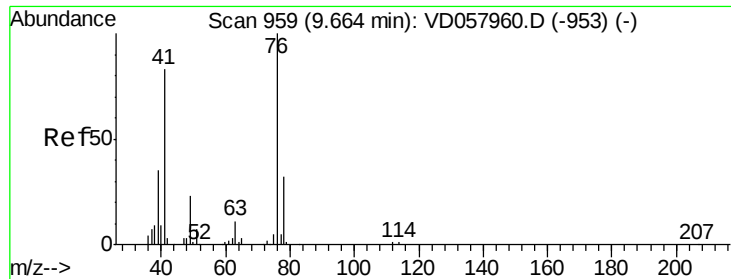
41 89.1 68.4 102.6

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

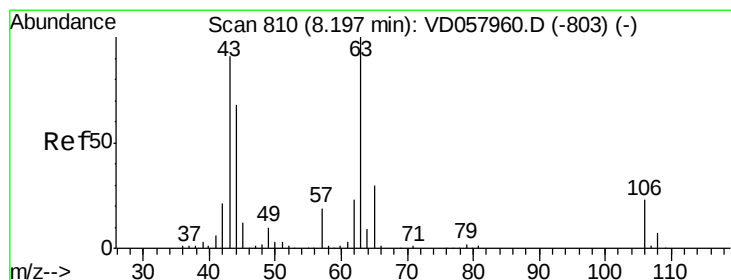
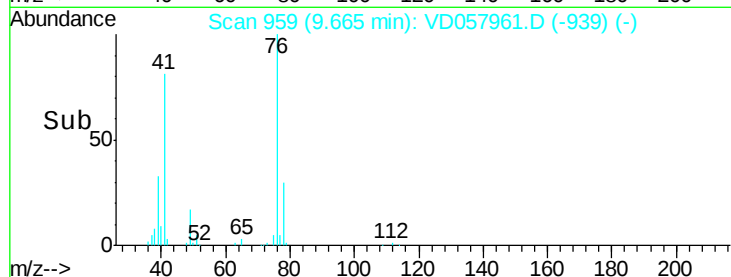
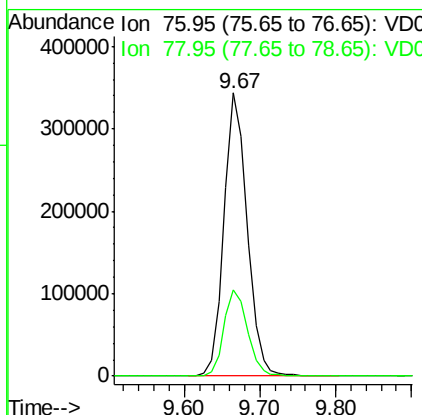
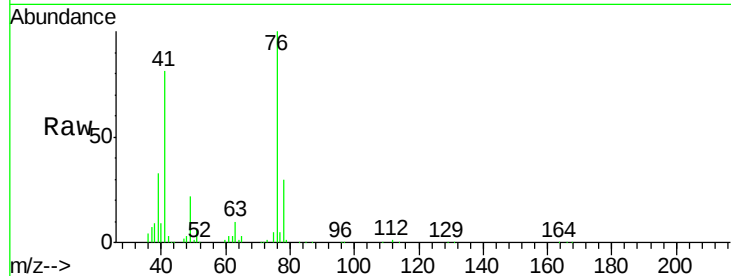




#57  
 1,3-Dichloropropane  
 Concen: 67.27 ug/l  
 RT: 9.67 min Scan# 959  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

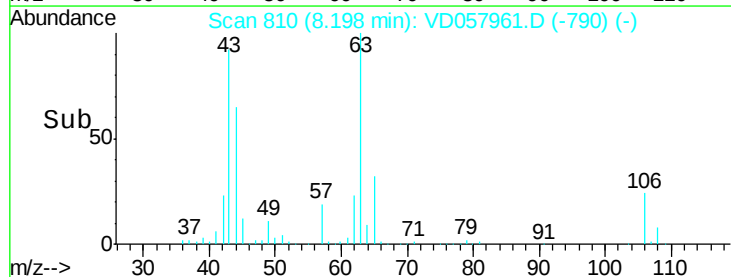
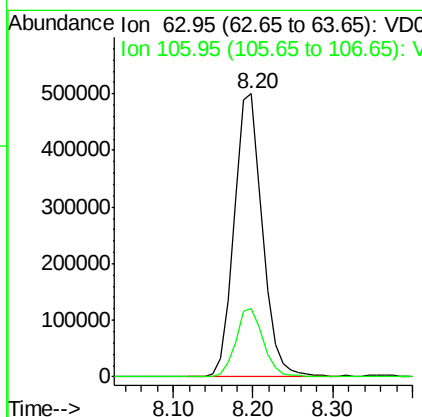
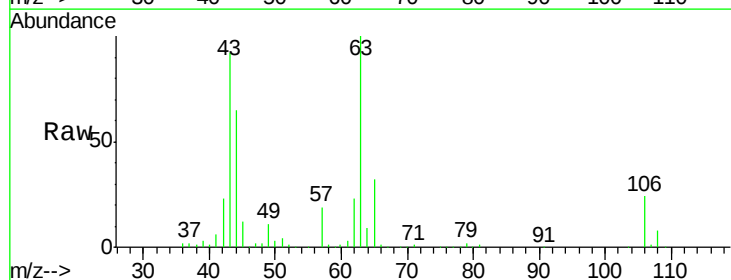
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

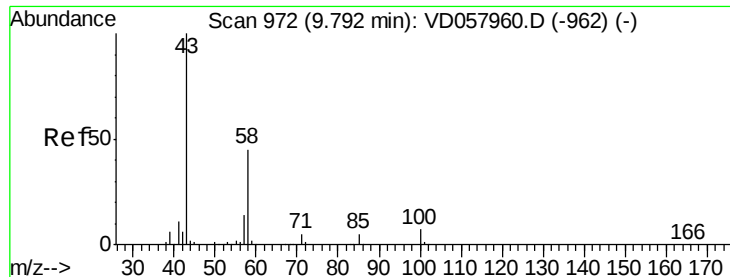
Tgt Ion: 76 Resp: 728455  
 Ion Ratio Lower Upper  
 76 100  
 78 30.3 25.4 38.2



#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

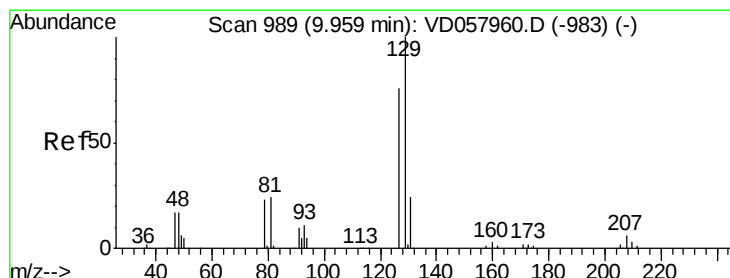
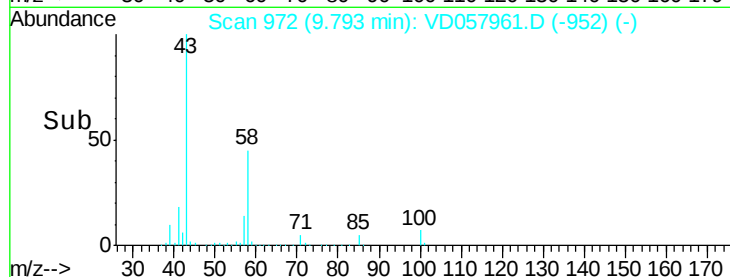
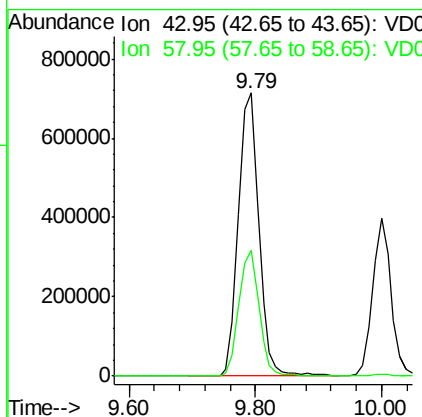
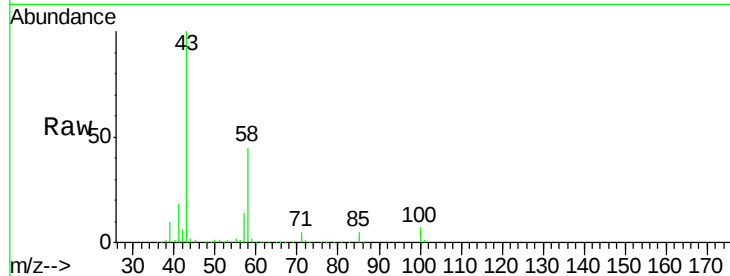




#59  
2-Hexanone  
Concen: 334.65 ug/l  
RT: 9.79 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

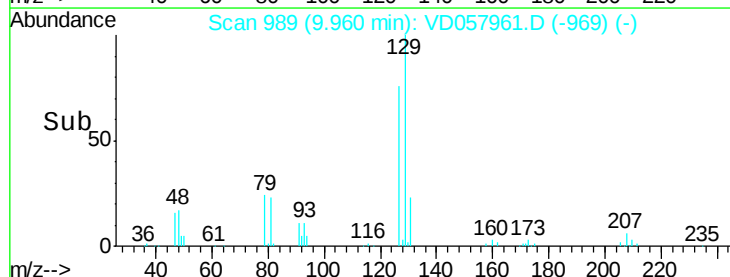
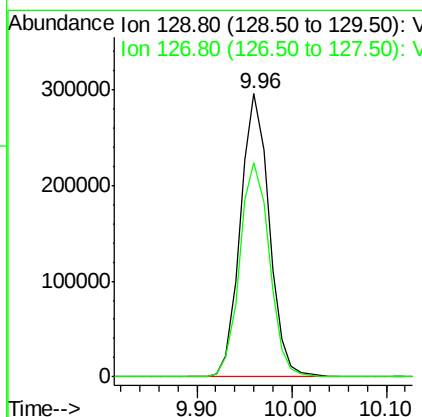
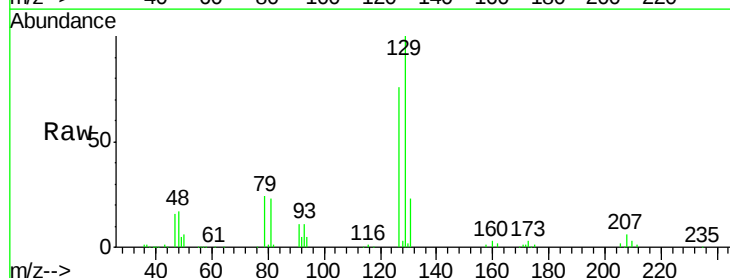
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

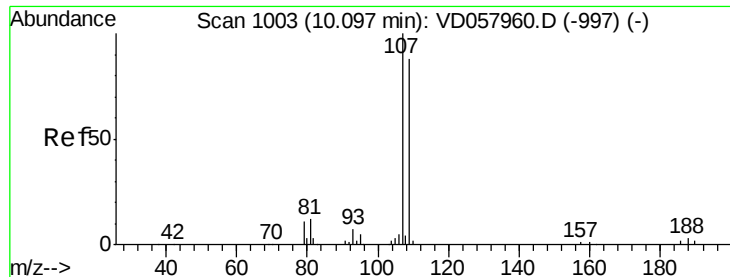
Tgt Ion: 43 Resp: 1599690  
Ion Ratio Lower Upper  
43 100  
58 44.6 22.5 67.5



#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

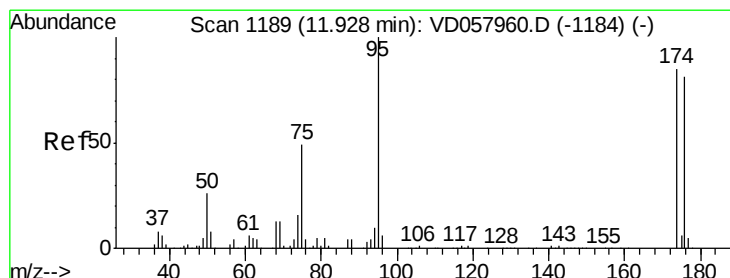
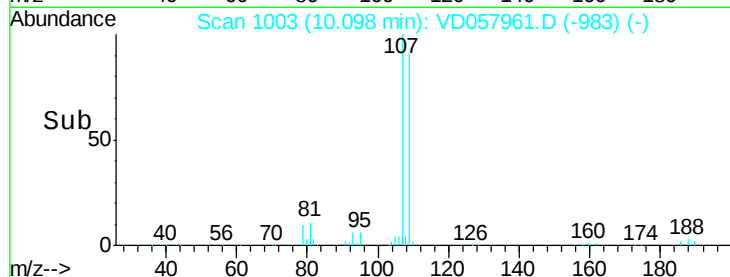
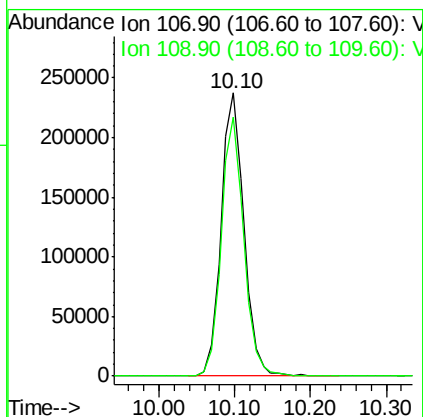
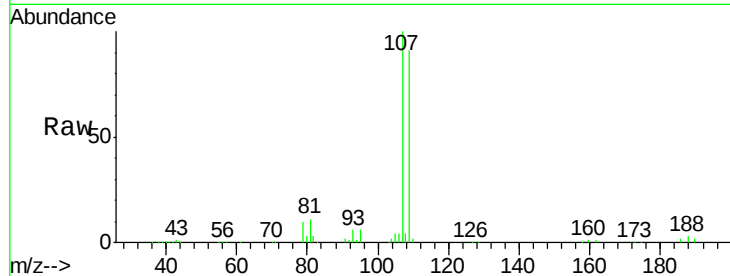




#61  
 1,2-Dibromoethane  
 Concen: 69.91 ug/l  
 RT: 10.10 min Scan# 1003  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

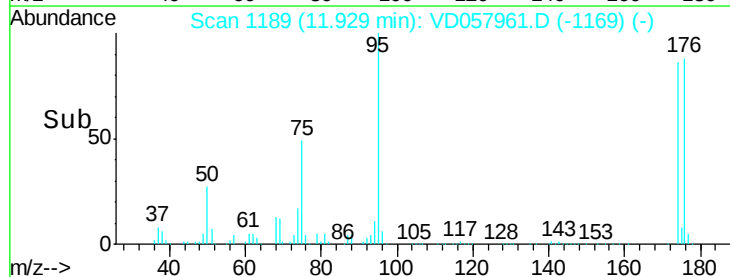
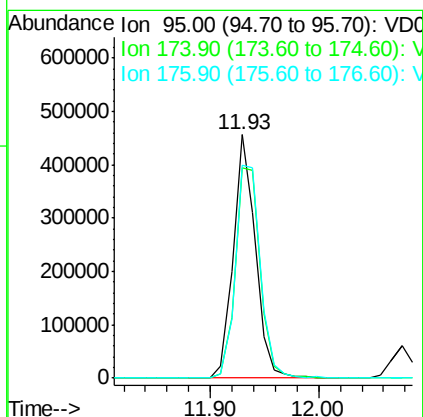
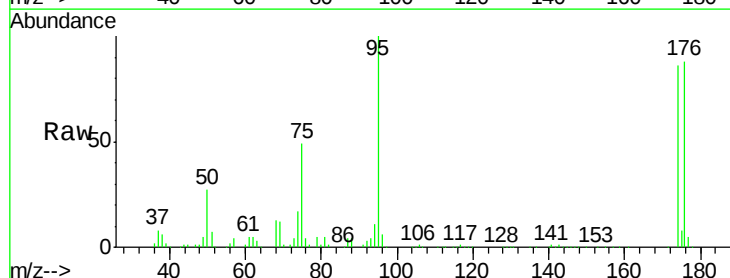
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

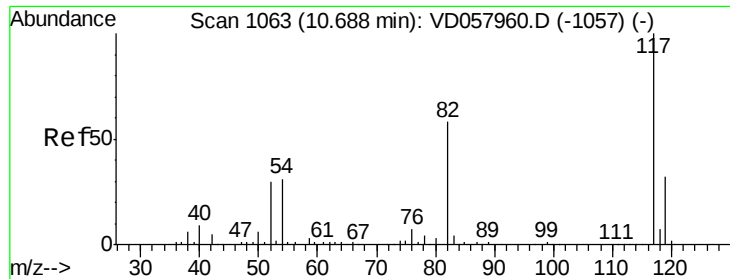
Tgt Ion: 107 Resp: 496362  
 Ion Ratio Lower Upper  
 107 100  
 109 91.5 70.6 106.0



#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





#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

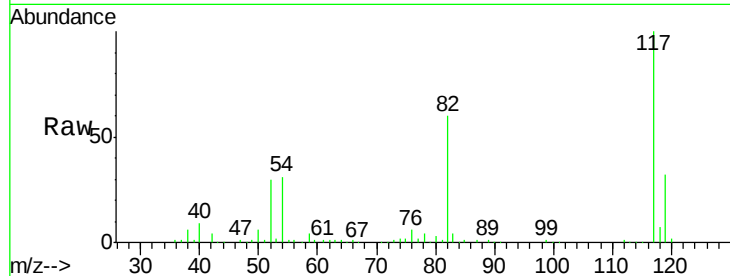
Tgt Ion:117 Resp: 1036581

Ion Ratio Lower Upper

117 100

82 59.9 46.8 70.2

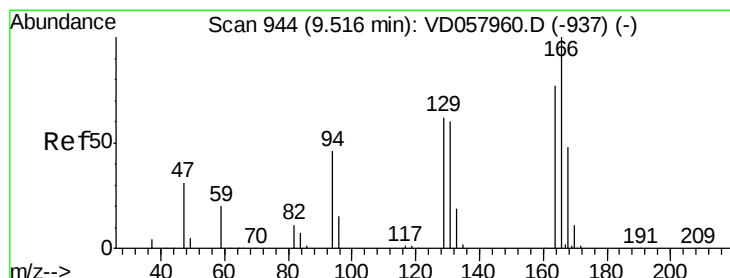
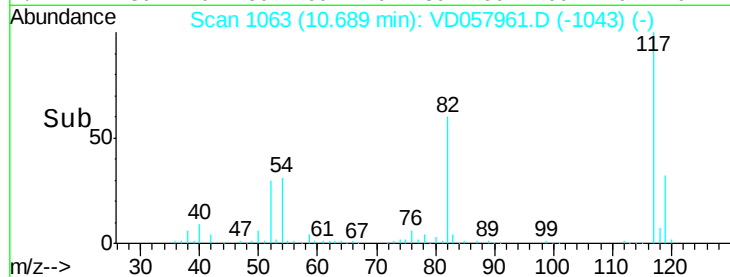
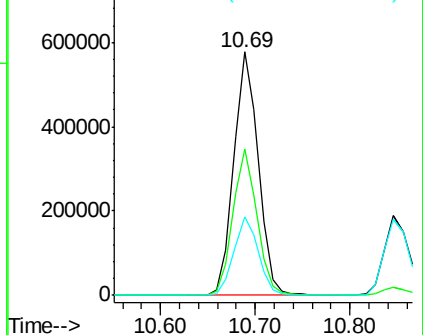
119 32.0 25.8 38.6



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

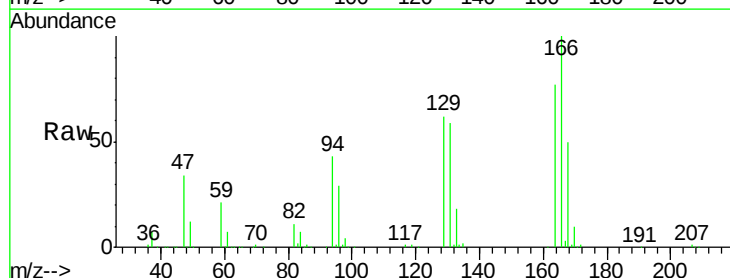
Ion Ratio Lower Upper

164 100

166 130.7 104.4 156.6

129 80.4 65.0 97.6

131 77.2 62.9 94.3

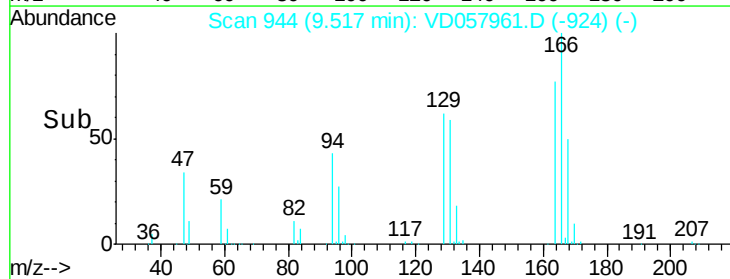
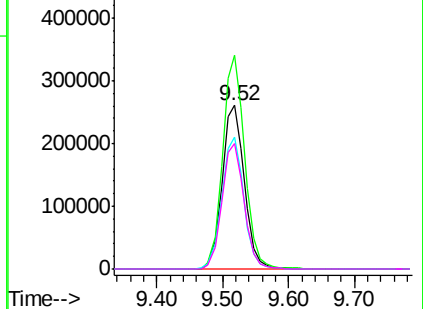


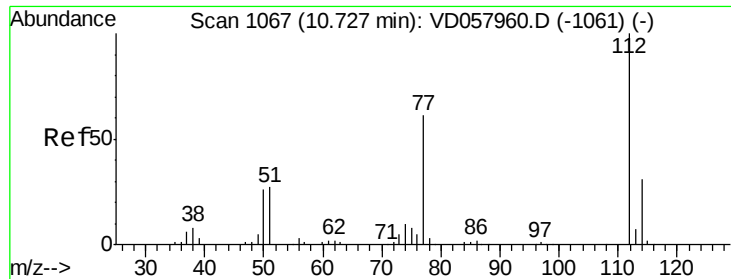
Abundance Ion 163.85 (163.55 to 164.55): V

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

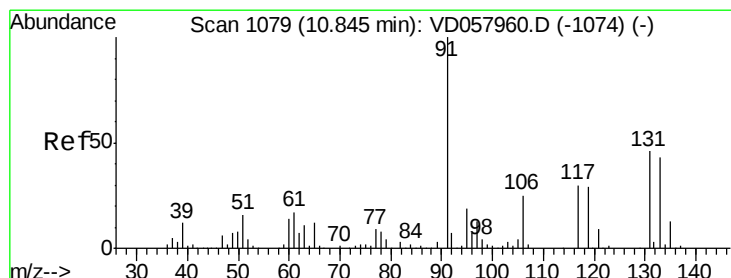
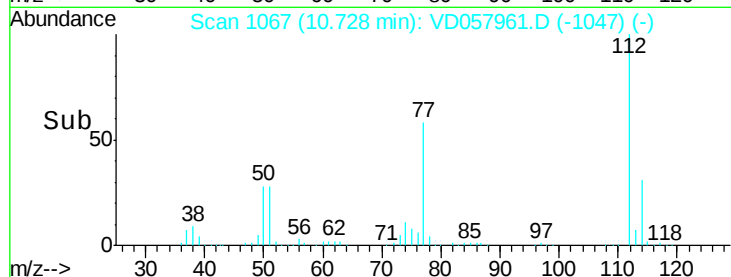
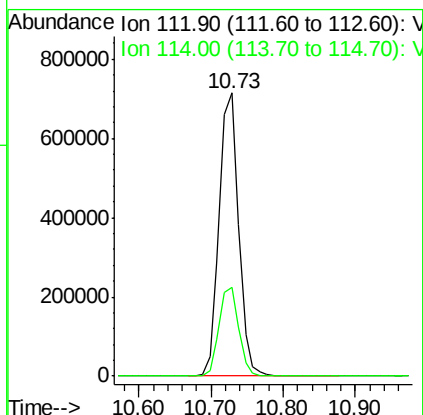
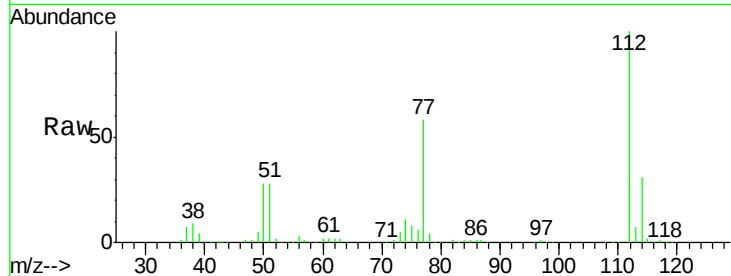




#65  
Chlorobenzene  
Concen: 63.52 ug/l  
RT: 10.73 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

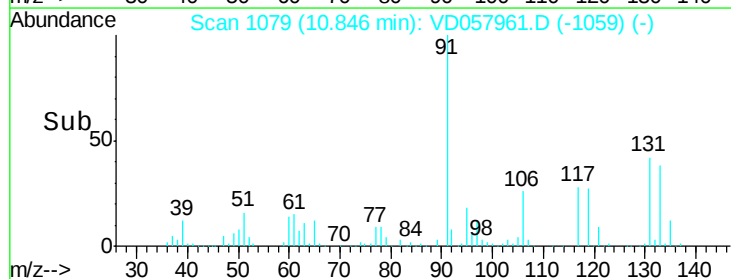
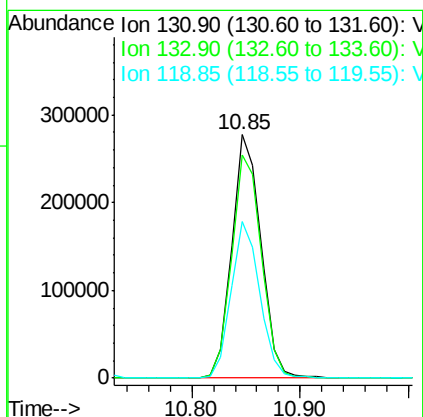
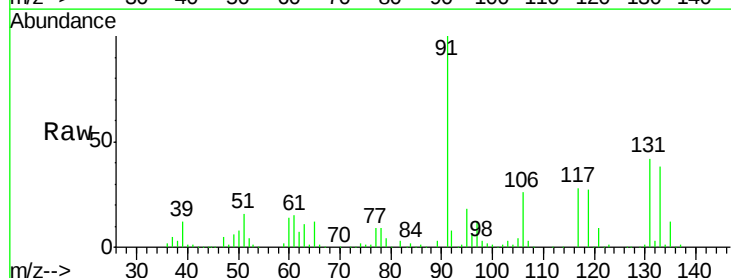
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

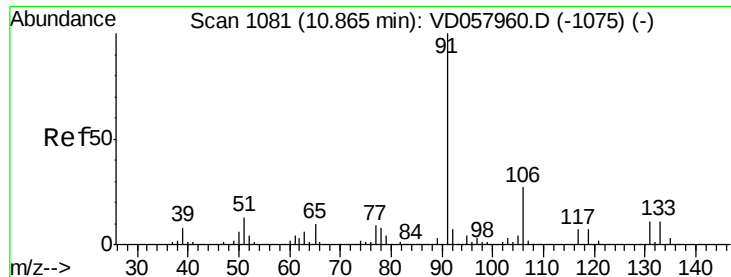
Tgt Ion:112 Resp: 1332877  
Ion Ratio Lower Upper  
112 100  
114 31.4 24.9 37.3



#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 :

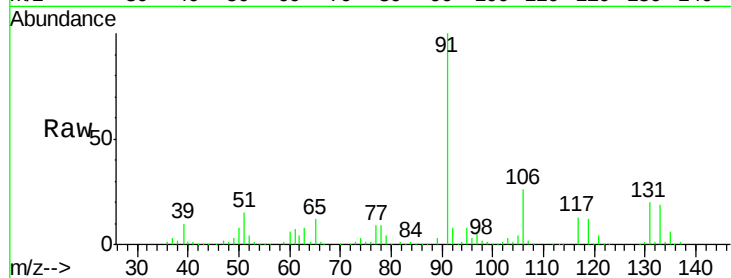
VSTDIC075

Tgt Ion: 91 Resp: 2270144

Ion Ratio Lower Upper

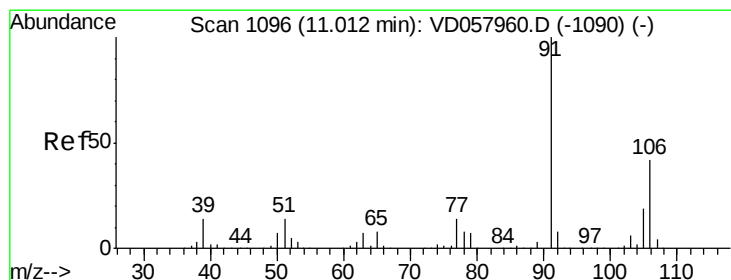
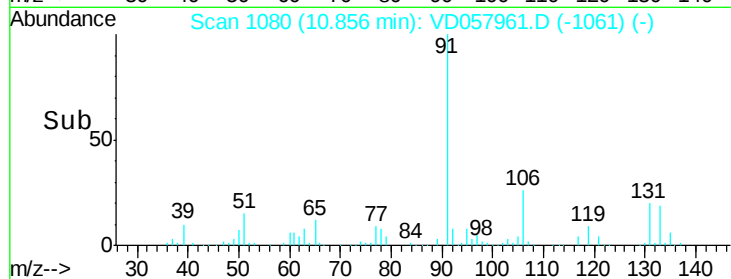
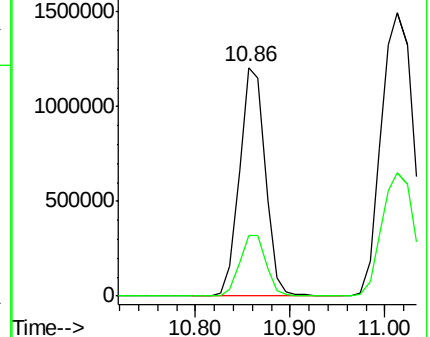
91 100

106 26.3 21.5 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V



#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

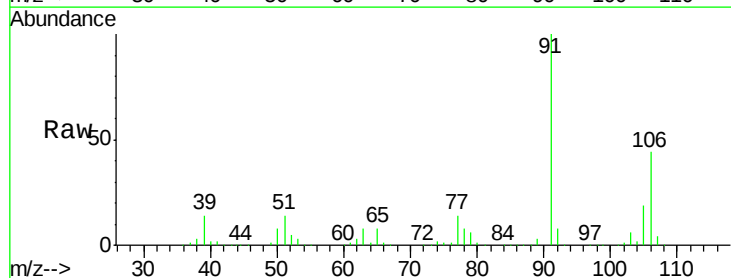
Acq: 6 Jun 2018 19:46

Tgt Ion: 106 Resp: 1529379

Ion Ratio Lower Upper

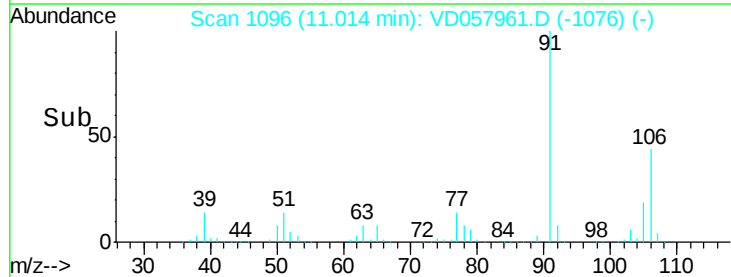
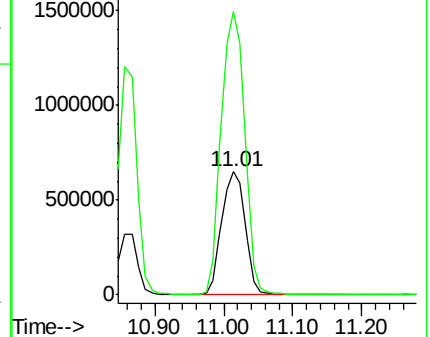
106 100

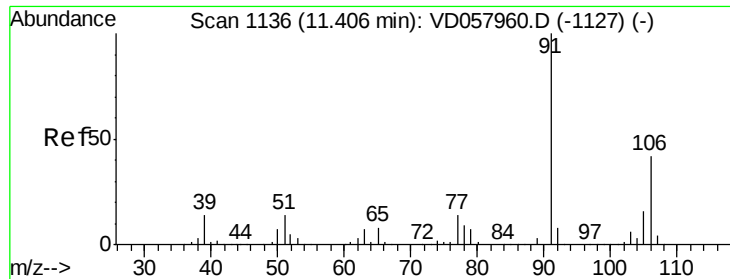
91 229.6 190.4 285.6



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): V

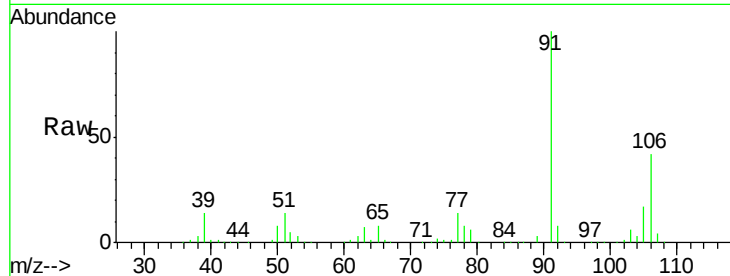




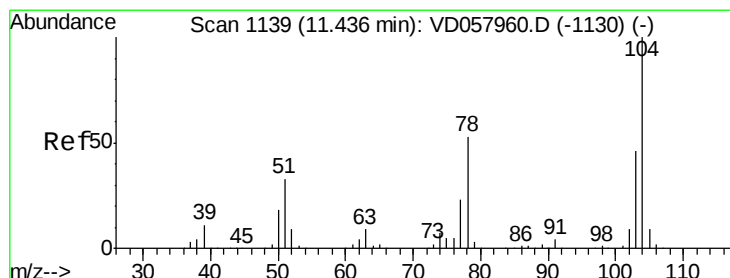
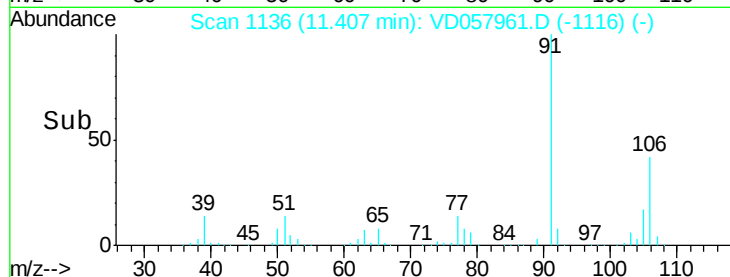
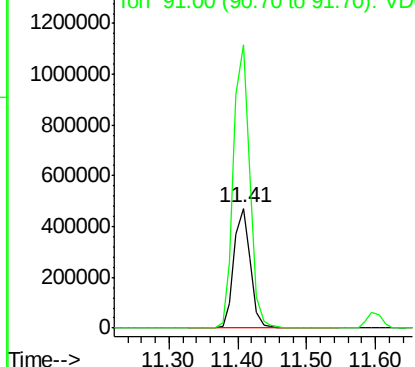
#69  
o-Xylene  
Concen: 63.86 ug/l  
RT: 11.41 min Scan# 1136  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

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

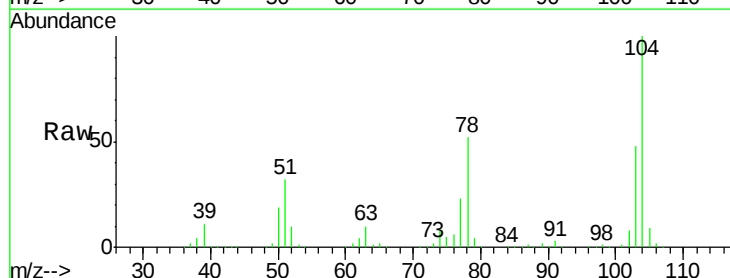


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

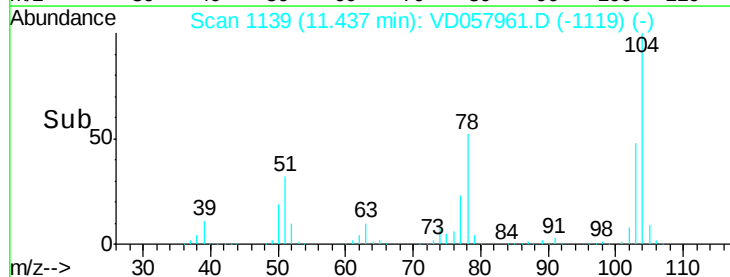
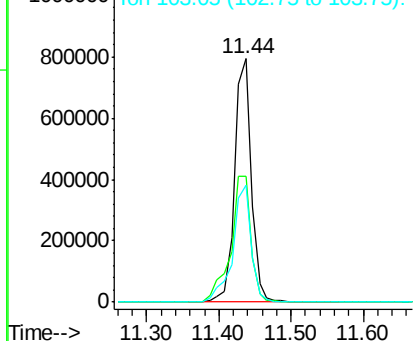


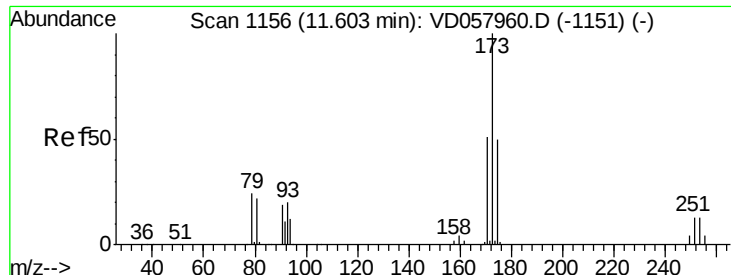
#70  
Styrene  
Concen: 63.52 ug/l  
RT: 11.44 min Scan# 1139  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

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): VDC  
Ion 103.05 (102.75 to 103.75): V

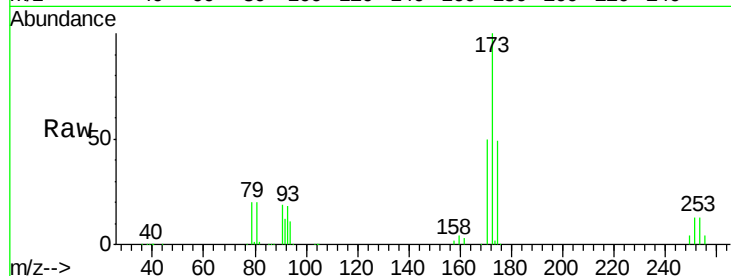




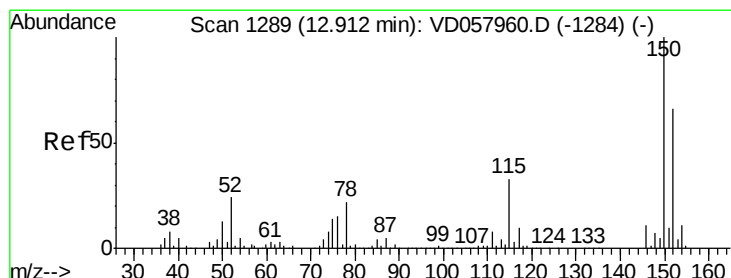
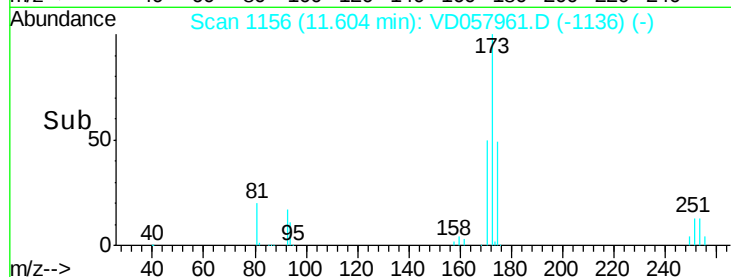
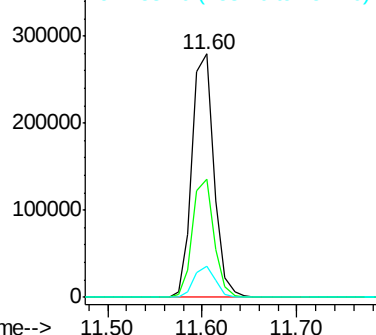
#71  
Bromoform  
Concen: 74.20 ug/l  
RT: 11.60 min Scan# 1156  
Delta R.T. 0.00 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

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

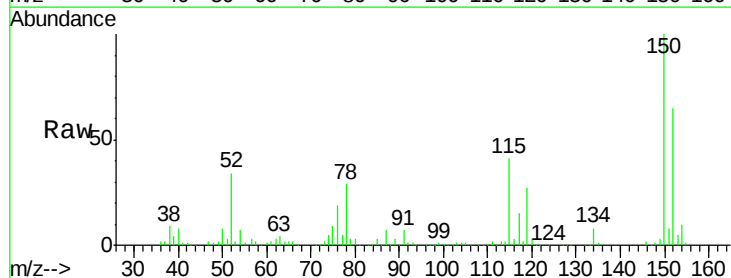


Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V

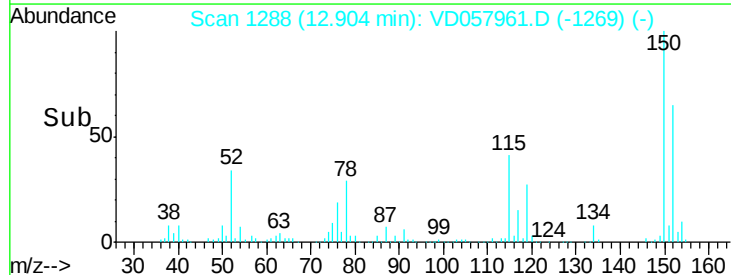
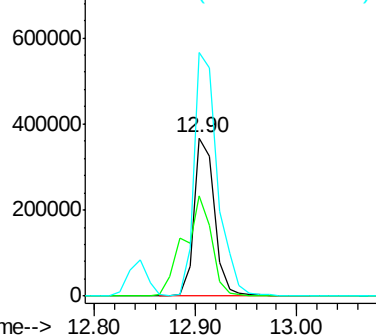


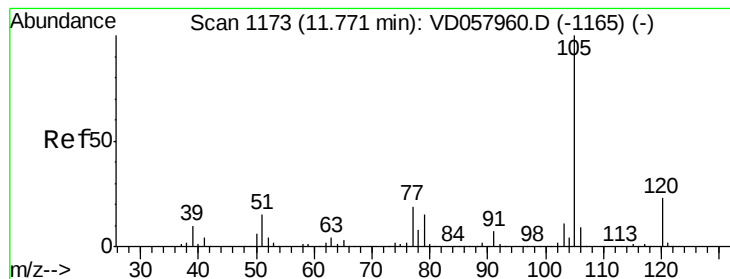
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.90 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: VD057961.D  
Acq: 6 Jun 2018 19:46

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 :

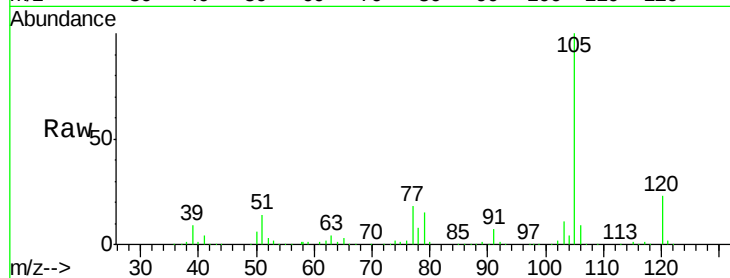
VSTDIC075

Tgt 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

11.77

1500000

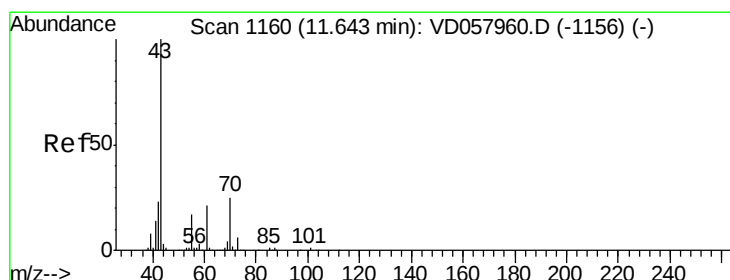
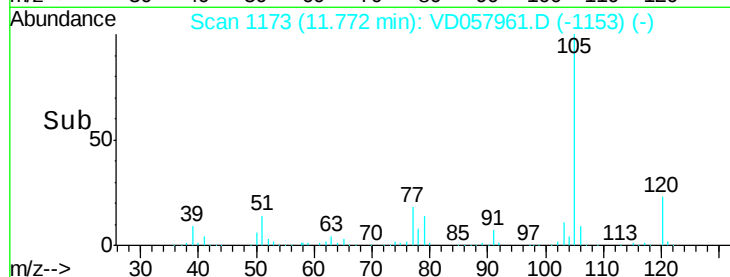
1000000

500000

0

Time-->

11.70 11.80 11.90



#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

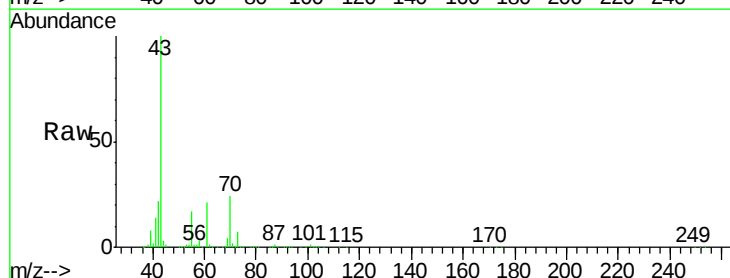
Ion Ratio Lower Upper

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

1000000

800000

600000

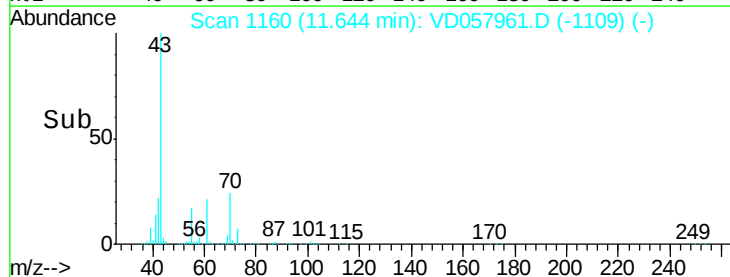
400000

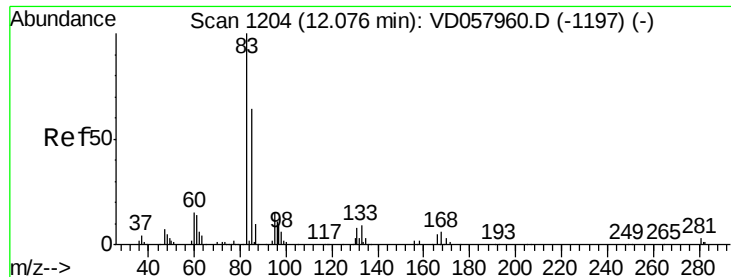
200000

0

Time-->

11.60 11.70





#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

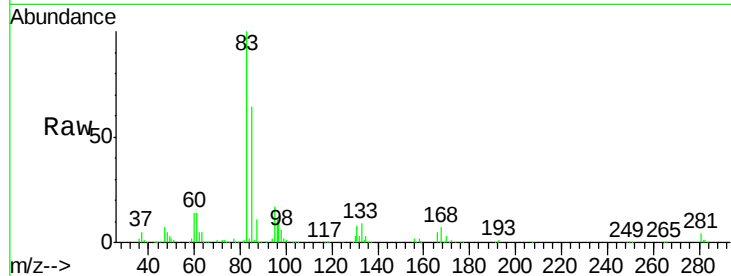
Tgt Ion: 83 Resp: 497572

Ion Ratio Lower Upper

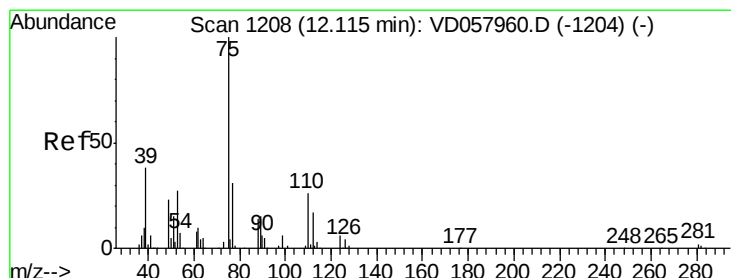
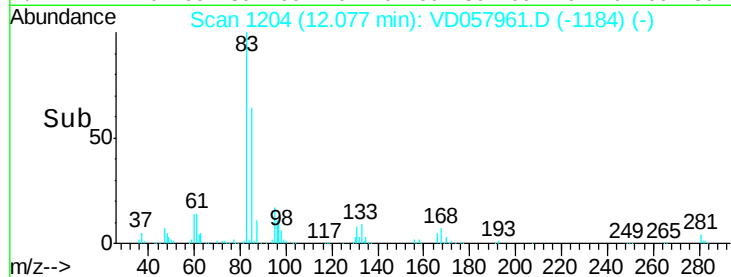
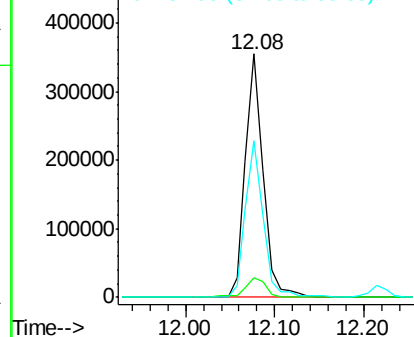
83 100

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

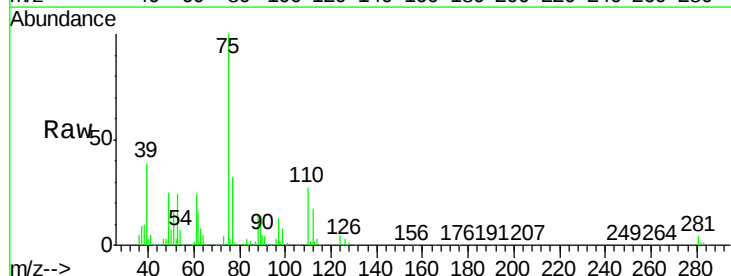
Acq: 6 Jun 2018 19:46

Tgt Ion: 75 Resp: 525010

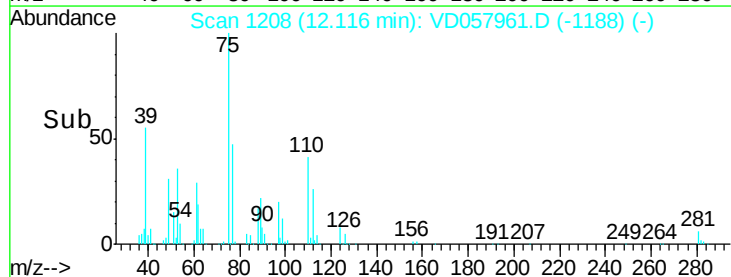
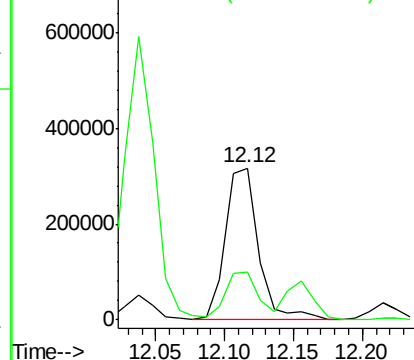
Ion Ratio Lower Upper

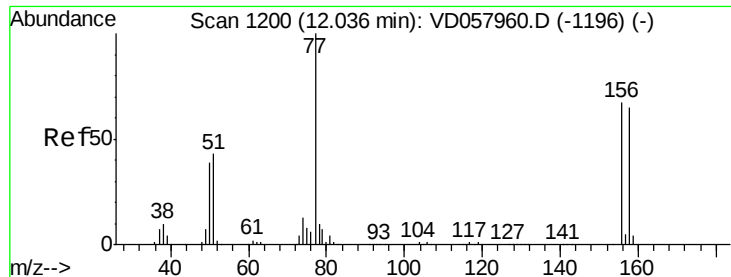
75 100

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

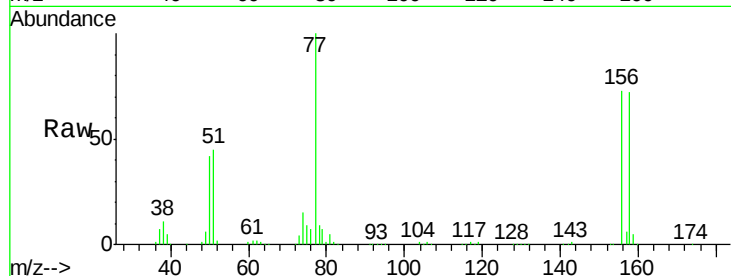
Tgt Ion:156 Resp: 651109

Ion Ratio Lower Upper

156 100

77 136.2 75.0 224.8

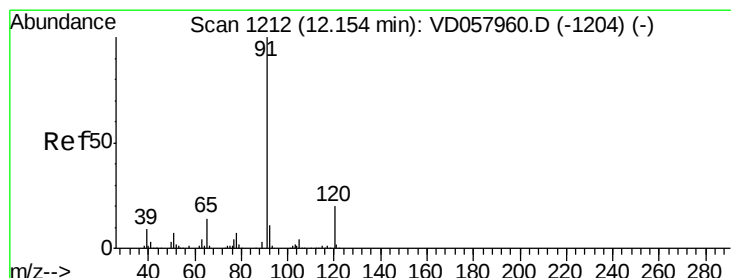
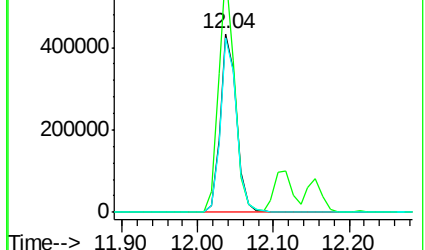
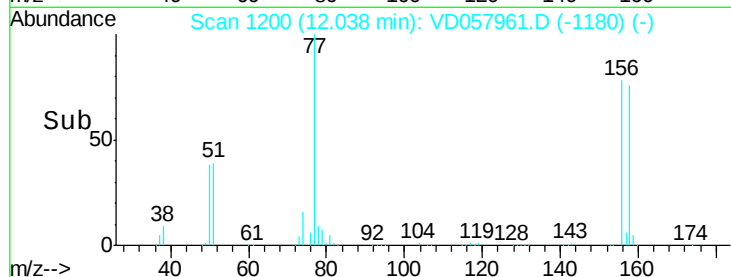
158 97.5 48.6 145.9



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

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

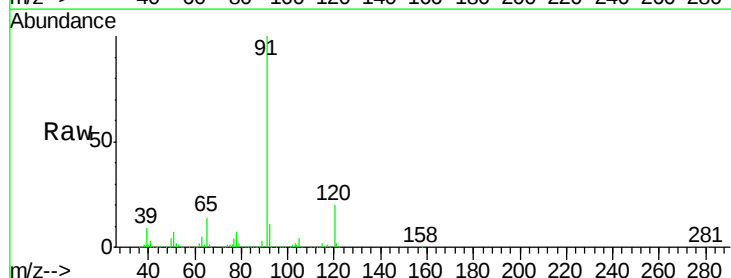
Acq: 6 Jun 2018 19:46

Tgt Ion: 91 Resp: 2758686

Ion Ratio Lower Upper

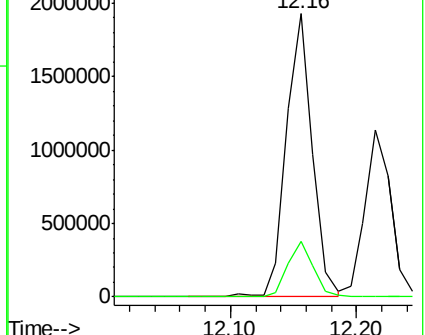
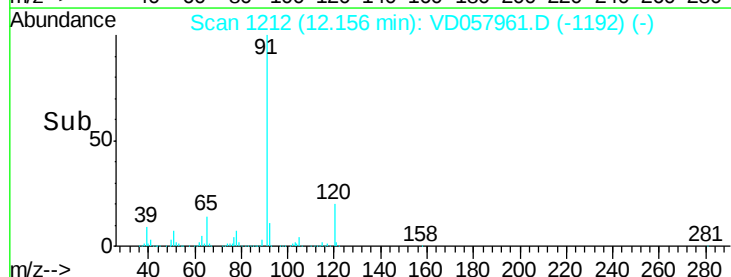
91 100

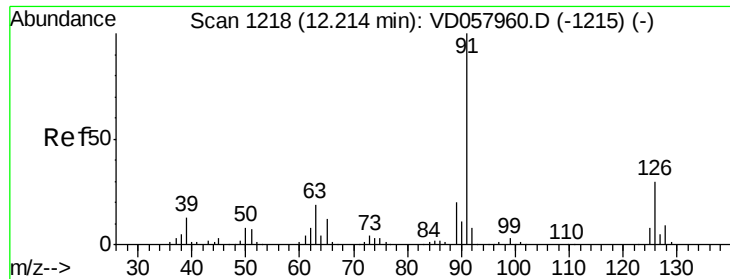
120 19.7 9.8 29.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

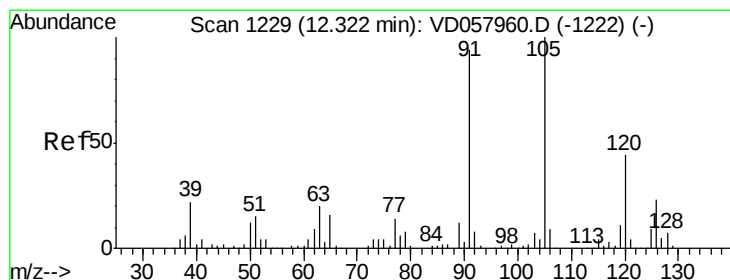
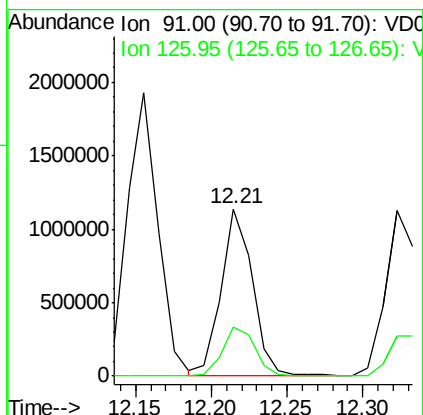
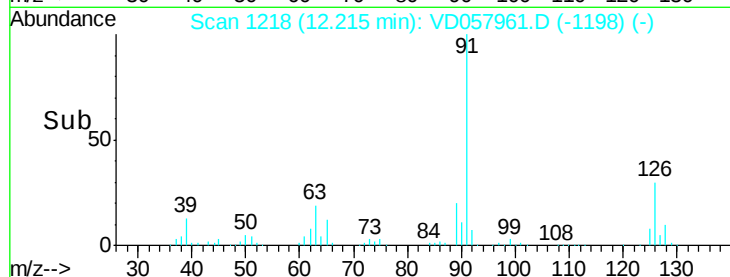
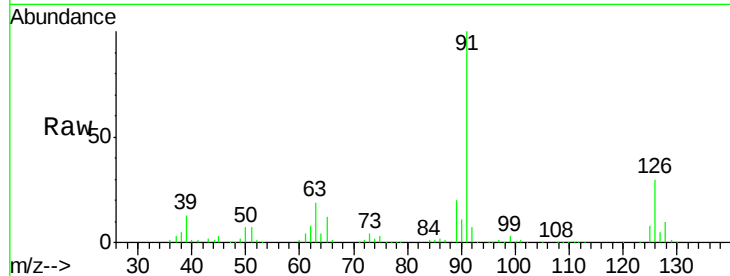




#79  
 2-Chlorotoluene  
 Concen: 64.28 ug/l  
 RT: 12.21 min Scan# 1218  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

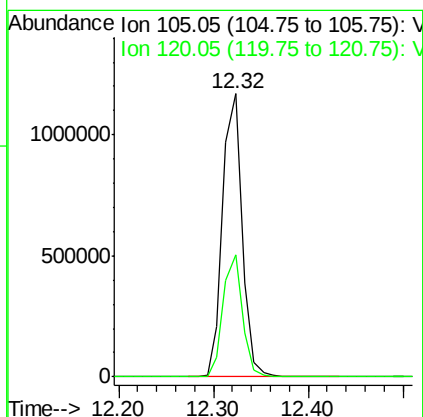
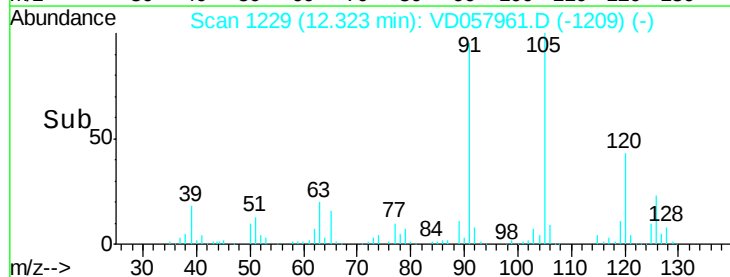
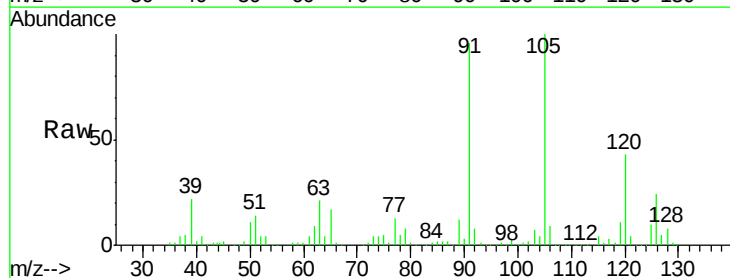
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

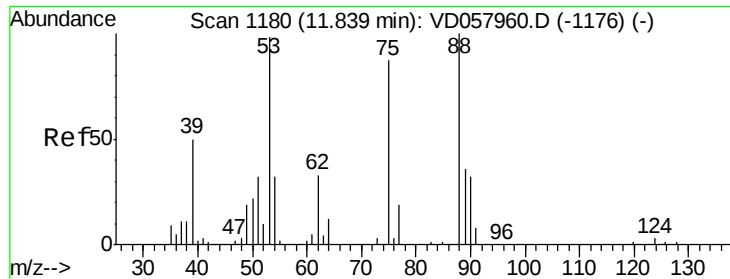
Tgt Ion: 91 Resp: 1630604  
 Ion Ratio Lower Upper  
 91 100  
 126 29.5 14.6 44.0



#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

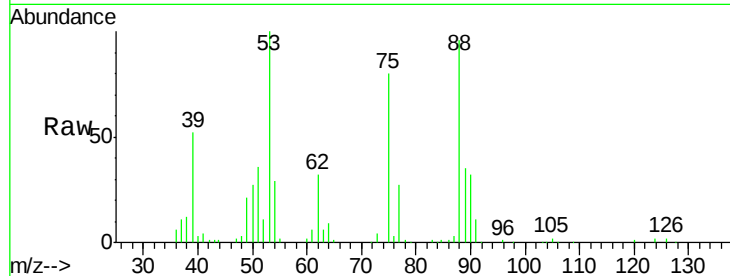
Tgt Ion: 75 Resp: 146130

Ion Ratio Lower Upper

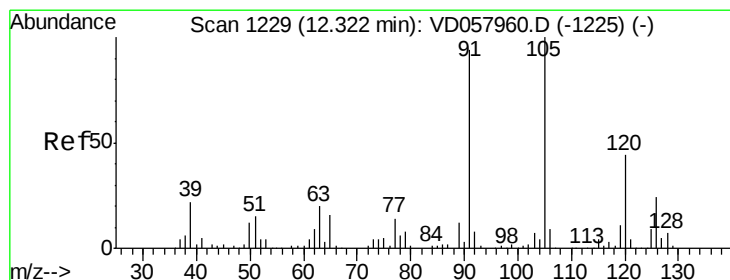
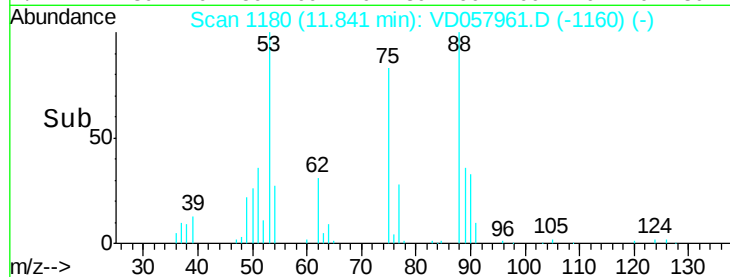
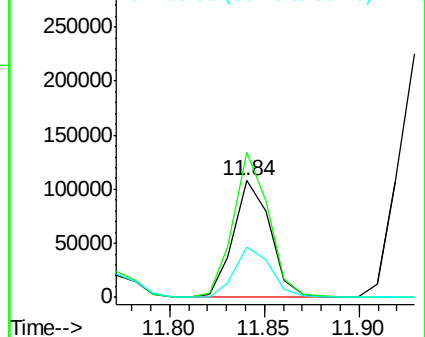
75 100

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

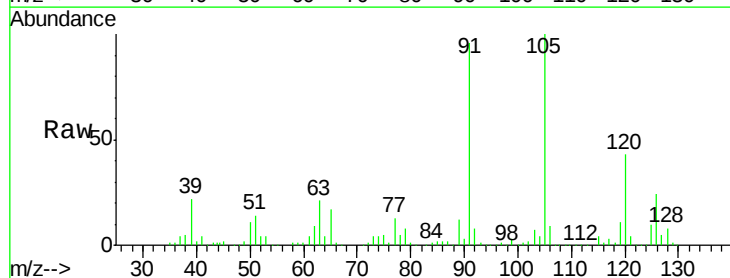
Acq: 6 Jun 2018 19:46

Tgt Ion: 91 Resp: 1659165

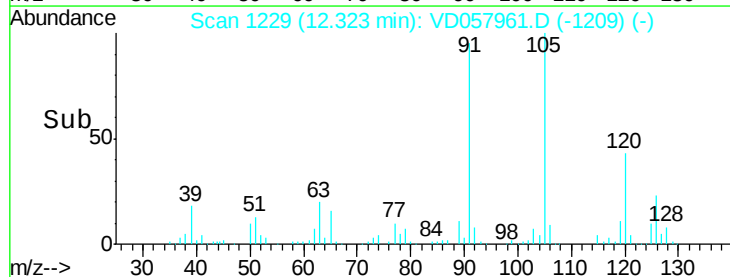
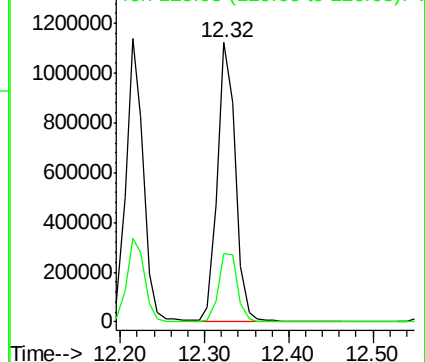
Ion Ratio Lower Upper

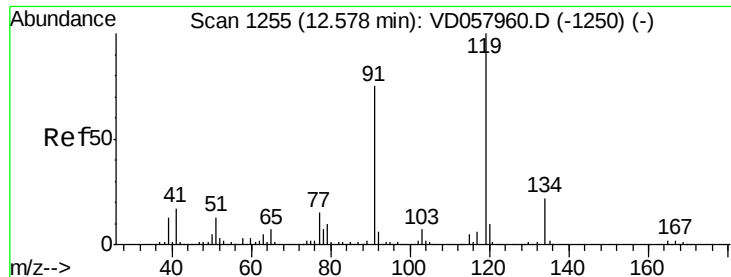
91 100

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

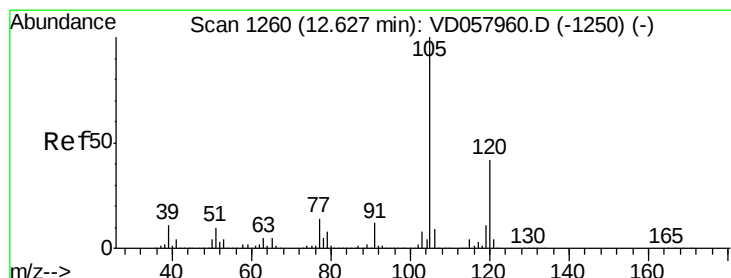
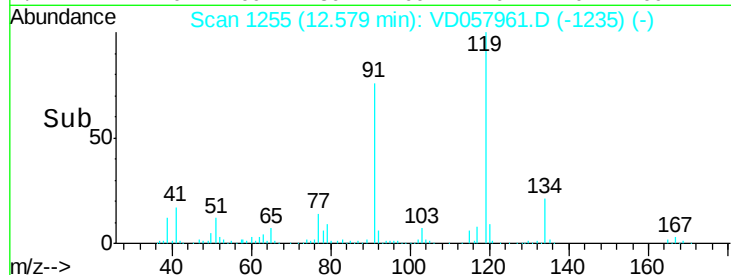
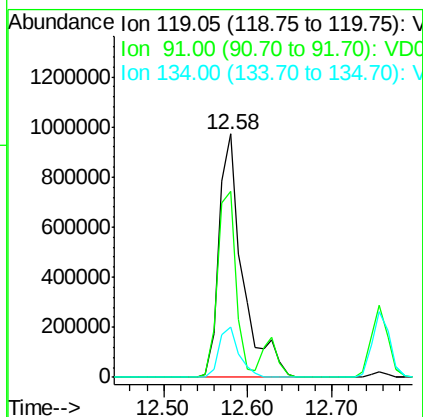
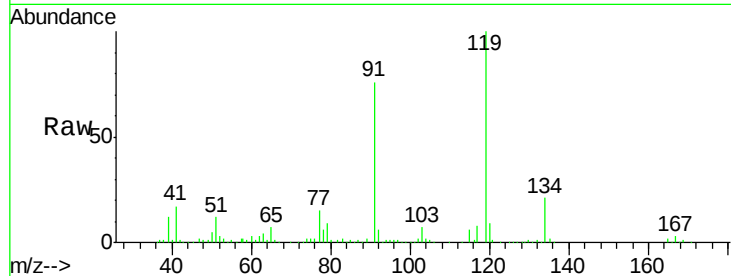




#83  
 tert-Butylbenzene  
 Concen: 62.93 ug/l  
 RT: 12.58 min Scan# 1255  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

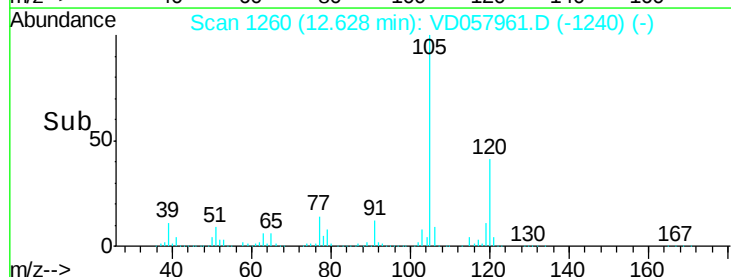
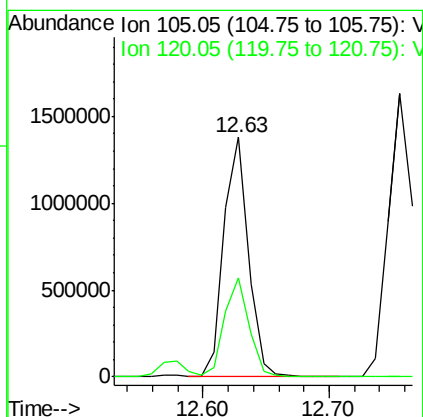
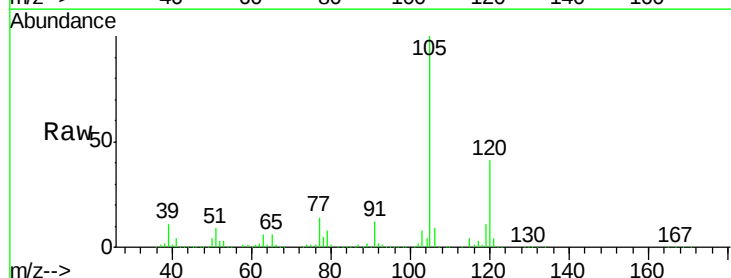
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

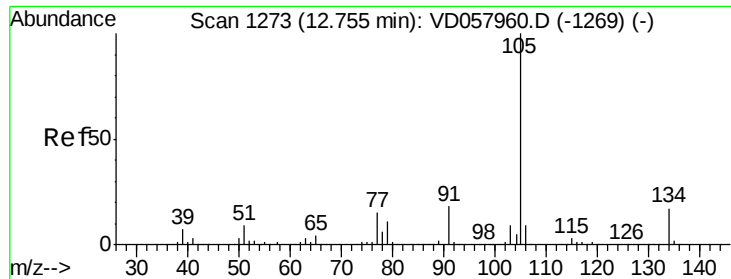
Tgt Ion:119 Resp: 1893631  
 Ion Ratio Lower Upper  
 119 100  
 91 76.1 37.6 112.9  
 134 20.9 11.2 33.5



#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

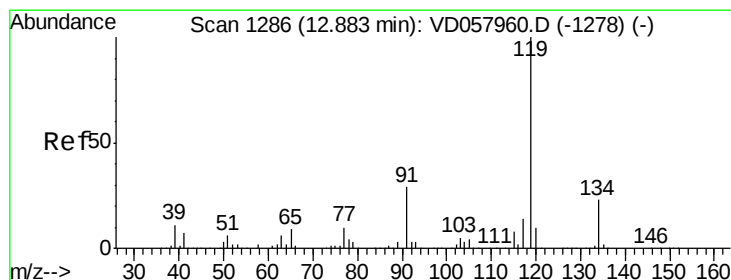
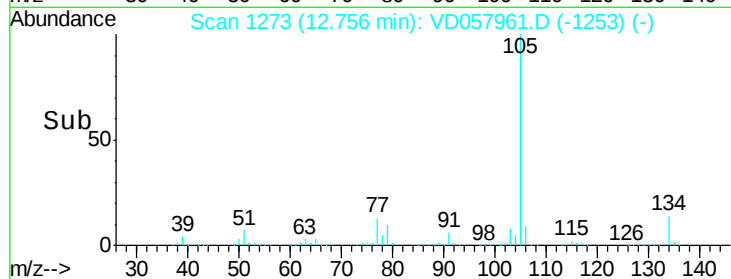
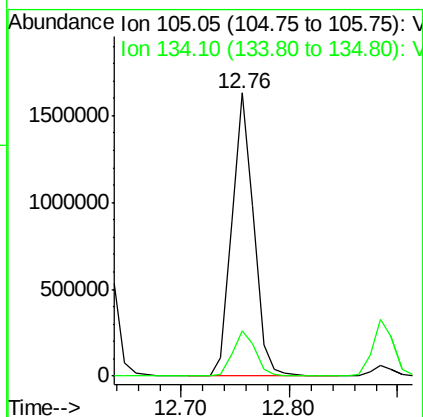
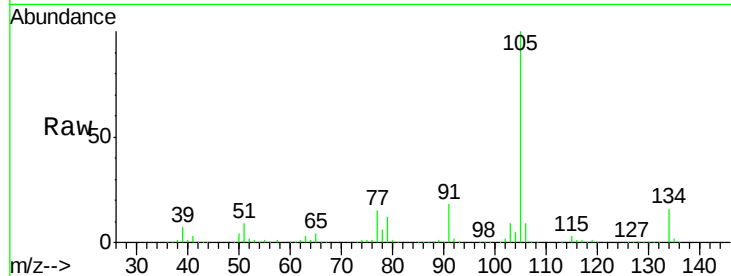




#85  
 sec-Butylbenzene  
 Concen: 62.63 ug/l  
 RT: 12.76 min Scan# 1273  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

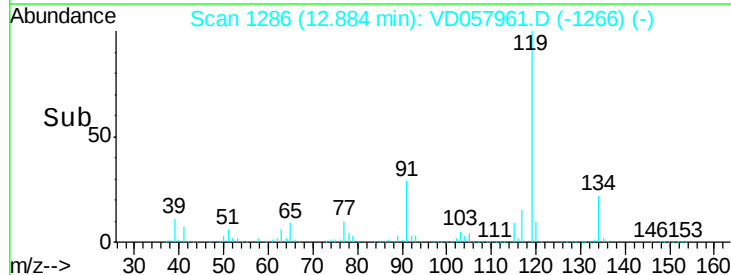
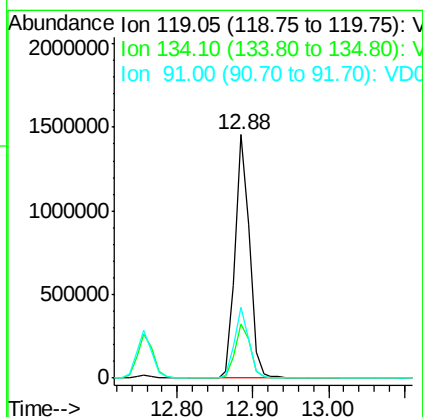
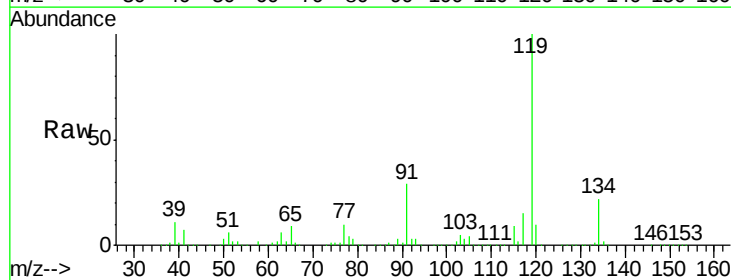
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

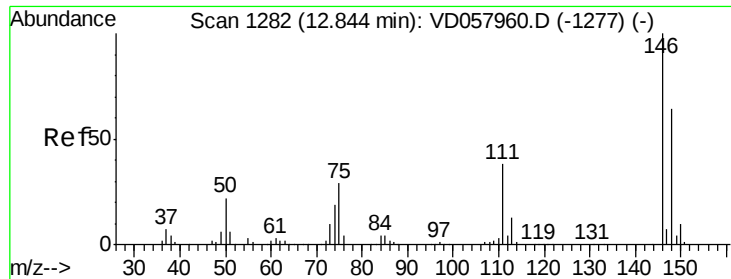
Tgt Ion:105 Resp: 2274423  
 Ion Ratio Lower Upper  
 105 100  
 134 16.1 8.3 25.1



#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

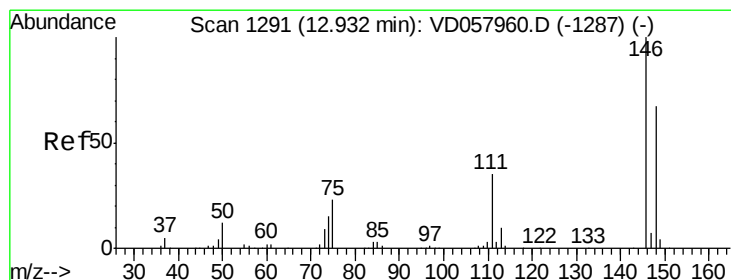
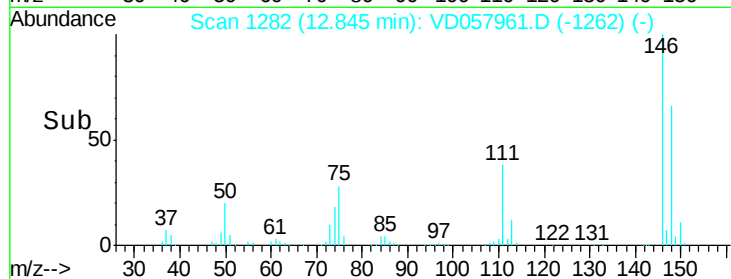
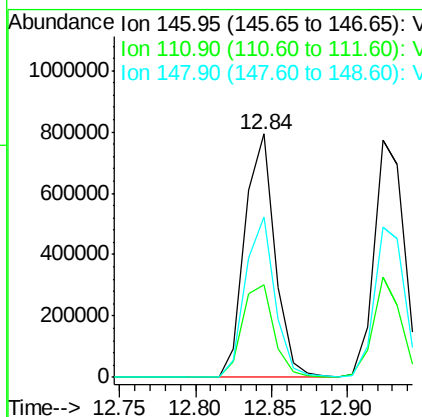
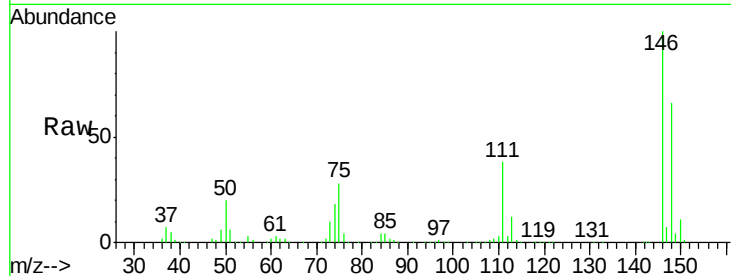




#87  
 1,3-Dichlorobenzene  
 Concen: 64.23 ug/l  
 RT: 12.84 min Scan# 1282  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

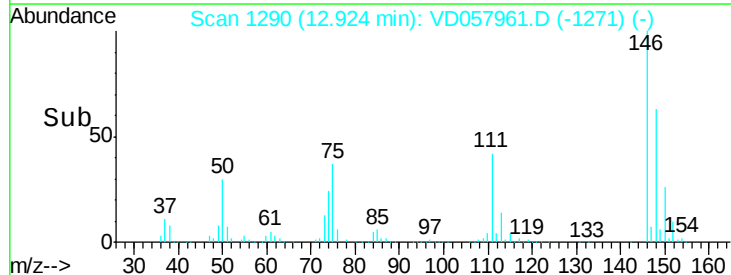
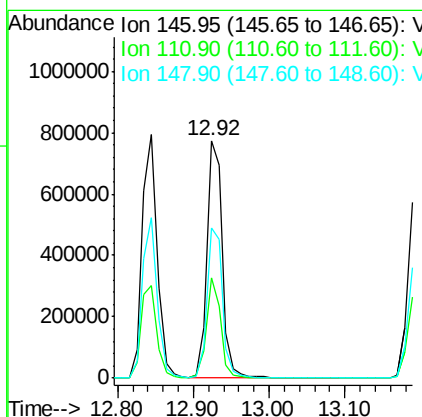
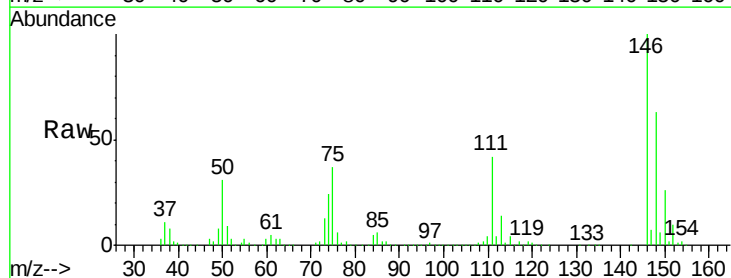
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

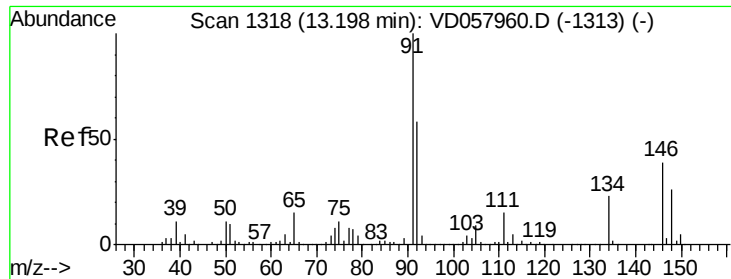
Tgt Ion:146 Resp: 1098940  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 19.1 57.3  
 148 66.1 32.0 96.2



#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

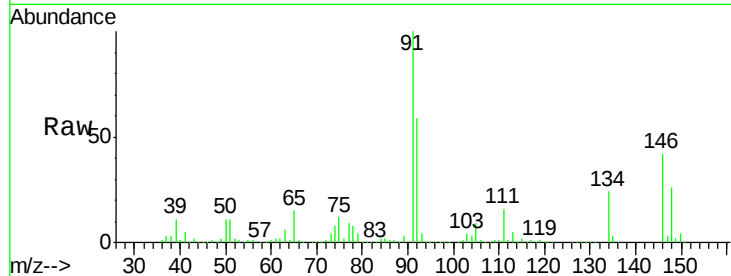
Tgt Ion: 91 Resp: 1788299

Ion Ratio Lower Upper

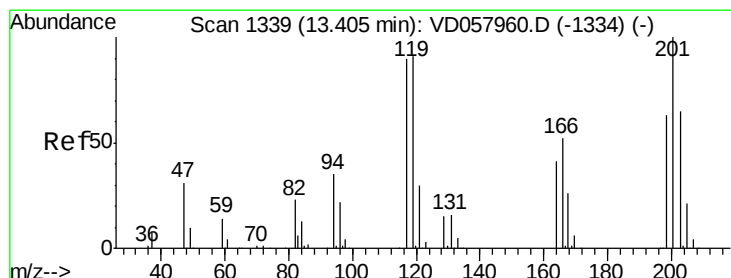
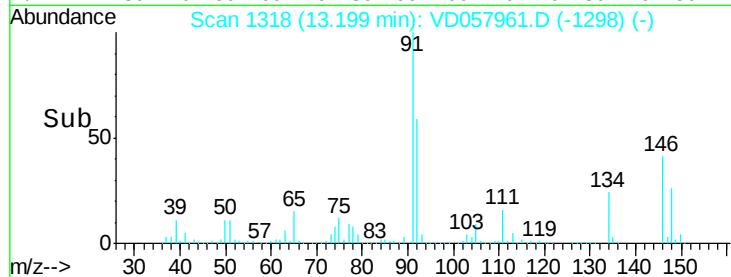
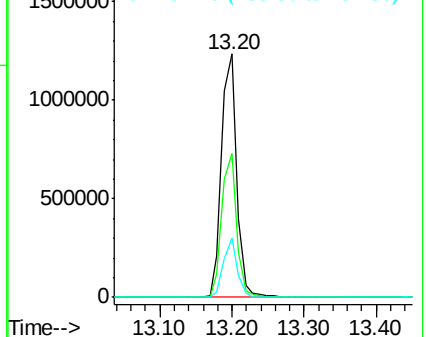
91 100

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

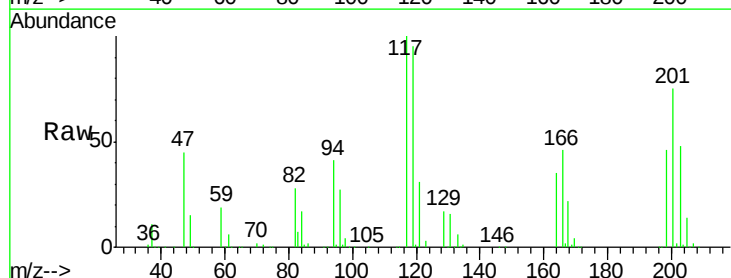
Acq: 6 Jun 2018 19:46

Tgt Ion: 117 Resp: 535737

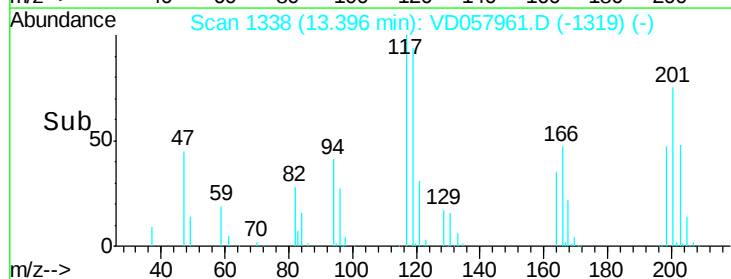
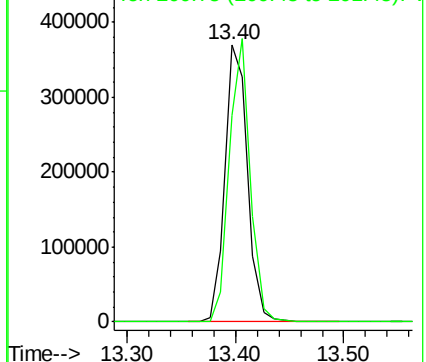
Ion Ratio Lower Upper

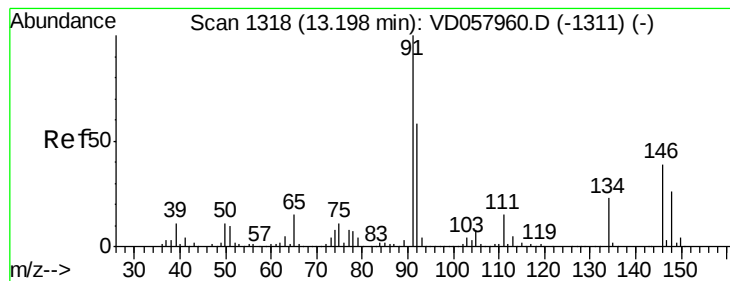
117 100

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

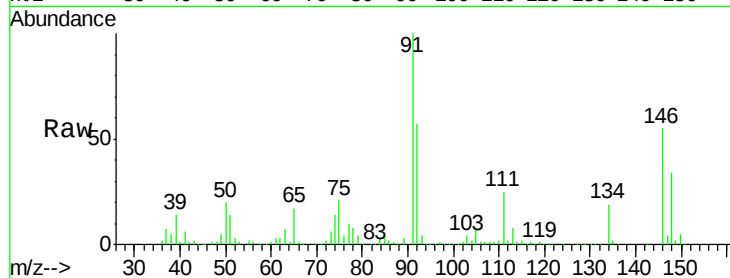
Tgt Ion:146 Resp: 853304

Ion Ratio Lower Upper

146 100

111 46.4 19.4 58.2

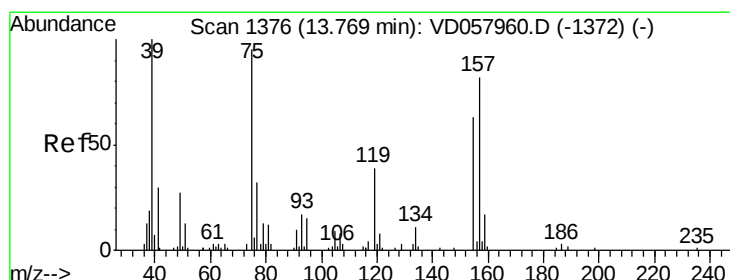
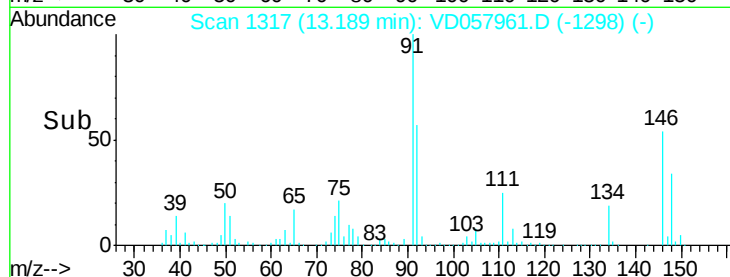
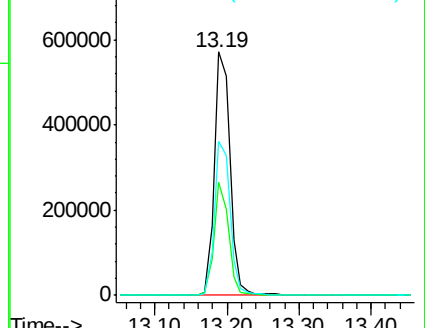
148 63.2 32.6 98.0



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

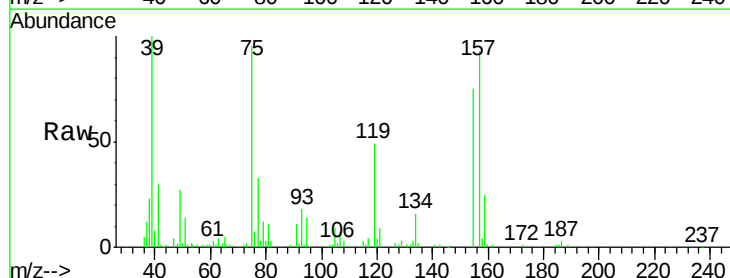
Tgt Ion: 75 Resp: 86845

Ion Ratio Lower Upper

75 100

155 78.7 33.4 100.1

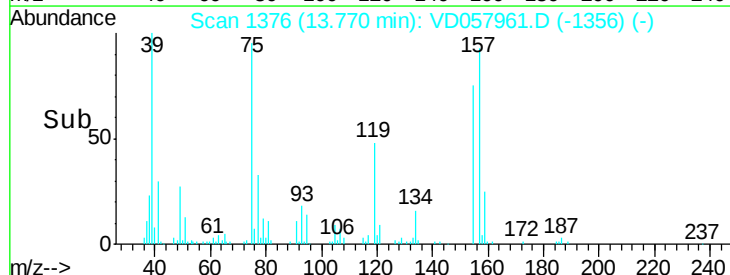
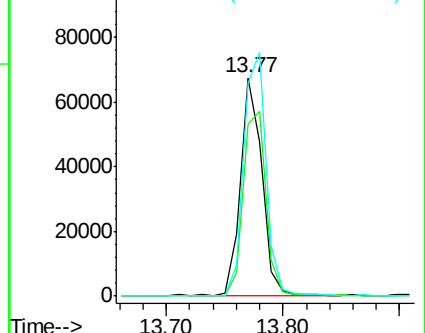
157 97.5 42.9 128.5

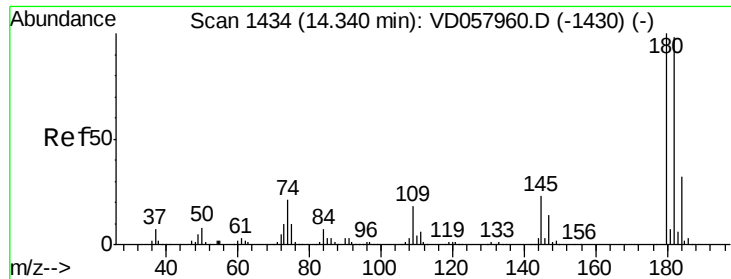


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

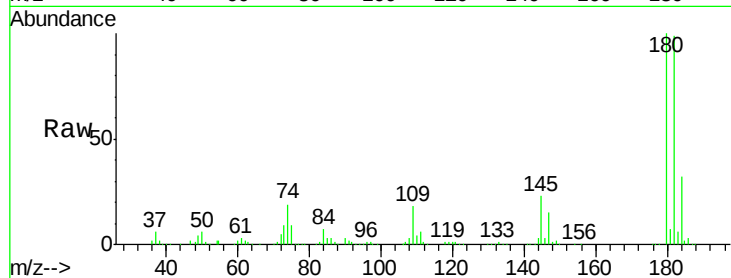




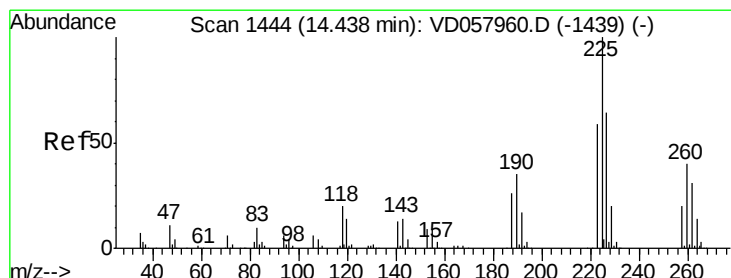
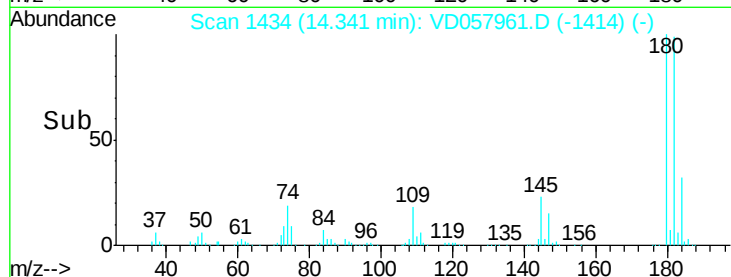
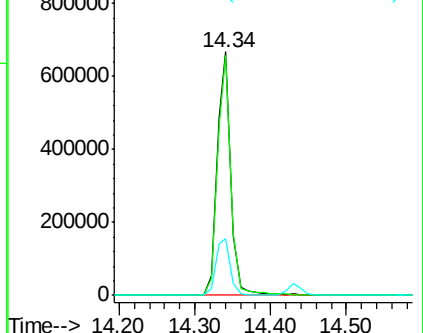
#93  
 1,2,4-Trichlorobenzene  
 Concen: 66.27 ug/l  
 RT: 14.34 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

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

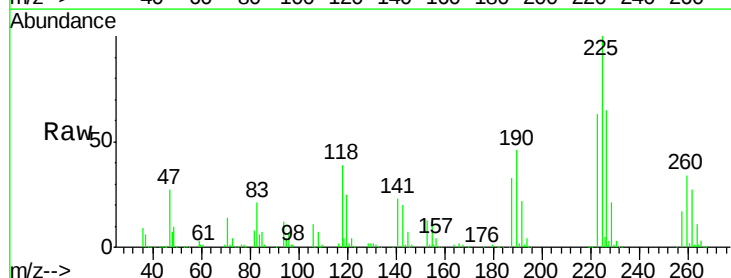


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

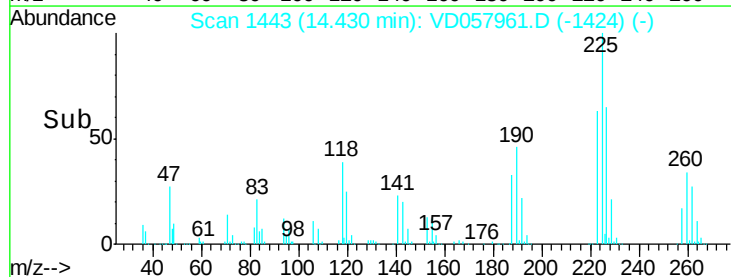
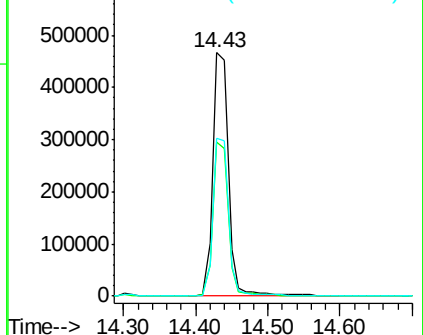


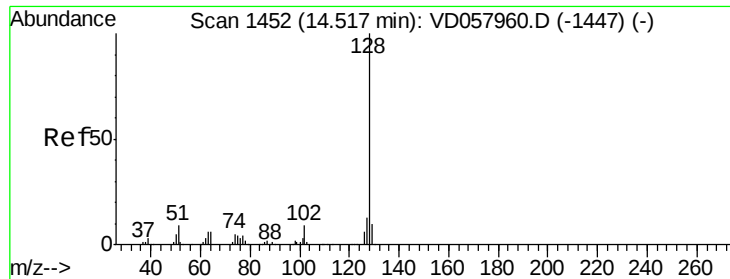
#94  
 Hexachlorobutadiene  
 Concen: 68.27 ug/l  
 RT: 14.43 min Scan# 1443  
 Delta R.T. -0.01 min  
 Lab File: VD057961.D  
 Acq: 6 Jun 2018 19:46

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

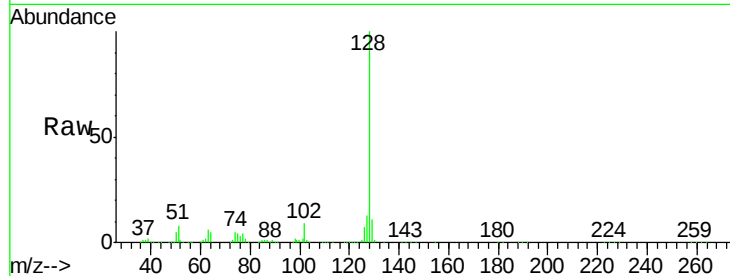
Tgt Ion:128 Resp: 1157790

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

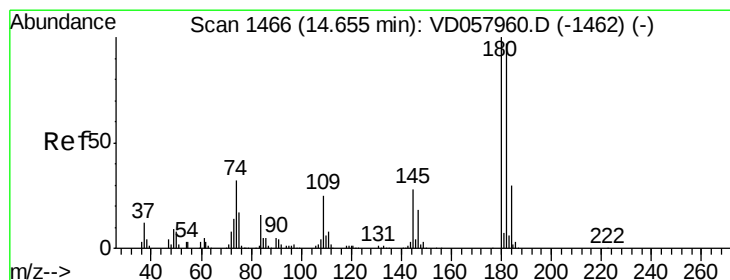
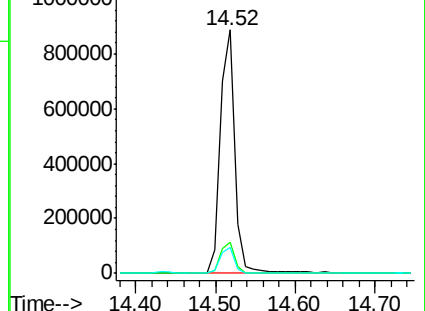
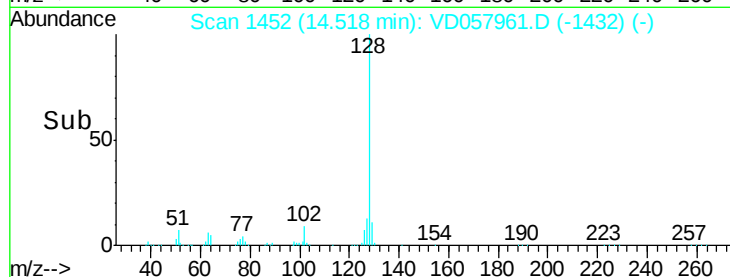
129 10.7 8.2 12.2



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

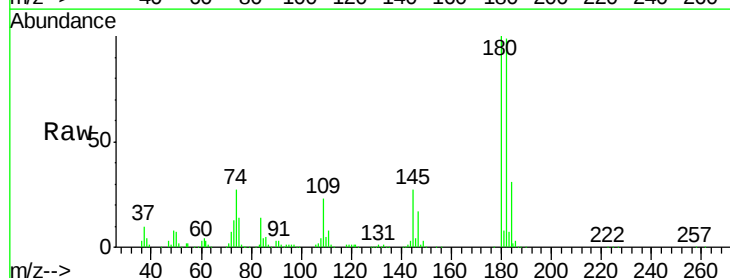
Tgt Ion:180 Resp: 736399

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

