

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\  
 Data File : VD062998.D  
 Acq On : 1 Jul 2019 18:52  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 02 07:36:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:50:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.05  | 168  | 964712   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 1362477  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 1092176  | 50.00 | ug/l  | -0.01    |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 574941   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.45  | 65   | 473987   | 45.20 | ug/l   | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 90.40% |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 498861   | 43.42 | ug/l   | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 86.84% |          |
| 50) Toluene-d8              | 10.42 | 98   | 1043030  | 41.71 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 83.42% |          |
| 62) 4-Bromofluorobenzene    | 13.56 | 95   | 482146   | 42.41 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 84.82% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85   | 527247   | 42.235  | ug/l   | 100    |
| 3) Chloromethane              | 1.74 | 50   | 421408   | 44.885  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.84 | 62   | 438758   | 47.134  | ug/l   | 99     |
| 5) Bromomethane               | 2.15 | 94   | 226443   | 51.944  | ug/l   | 96     |
| 6) Chloroethane               | 2.26 | 64   | 226492   | 53.743  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.53 | 101  | 956410   | 50.768  | ug/l   | 100    |
| 8) Diethyl Ether              | 2.87 | 74   | 116937   | 48.853  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101  | 523166   | 51.260  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.30 | 142  | 737840   | 54.798  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 4.08 | 59   | 126552   | 264.978 | ug/l # | 89     |
| 12) 1,1-Dichloroethene        | 3.12 | 96   | 387723   | 50.641  | ug/l   | 91     |
| 13) Acrolein                  | 3.03 | 56   | 102912   | 211.072 | ug/l   | 100    |
| 14) Allyl chloride            | 3.61 | 41   | 618133   | 54.640  | ug/l   | 95     |
| 15) Acrylonitrile             | 4.19 | 53   | 323412   | 288.191 | ug/l   | 94     |
| 16) Acetone                   | 3.22 | 43   | 538190   | 253.173 | ug/l # | 93     |
| 17) Carbon Disulfide          | 3.37 | 76   | 1156373  | 47.258  | ug/l   | 96     |
| 18) Methyl Acetate            | 3.64 | 43   | 185299   | 58.536  | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 4.23 | 73   | 883068   | 53.279  | ug/l   | 98     |
| 20) Methylene Chloride        | 3.81 | 84   | 438954   | 54.888  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96   | 425003   | 52.133  | ug/l   | 97     |
| 22) Diisopropyl ether         | 5.12 | 45   | 1274527  | 55.398  | ug/l   | 98     |
| 23) Vinyl Acetate             | 5.06 | 43   | 3921717  | 272.412 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 4.98 | 63   | 802166   | 53.552  | ug/l   | 98     |
| 25) 2-Butanone                | 6.07 | 43   | 549056   | 279.952 | ug/l   | 94     |
| 26) 2,2-Dichloropropane       | 6.02 | 77   | 825413   | 51.988  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.03 | 96   | 468308   | 54.322  | ug/l   | 94     |
| 28) Bromochloromethane        | 6.44 | 49   | 286250   | 54.259  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 6.46 | 42   | 251362   | 270.881 | ug/l   | 98     |
| 30) Chloroform                | 6.66 | 83   | 951458   | 52.229  | ug/l   | 90     |
| 31) Cyclohexane               | 6.95 | 56   | 491561   | 49.918  | ug/l   | 88     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97   | 953096   | 50.231  | ug/l   | 94     |
| 36) 1,1-Dichloropropene       | 7.15 | 75   | 630960   | 48.920  | ug/l   | 95     |
| 37) Ethyl Acetate             | 6.19 | 43   | 268406   | 49.529  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 7.11 | 117  | 1025865  | 52.886  | ug/l   | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\  
 Data File : VD062998.D  
 Acq On : 1 Jul 2019 18:52  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Jul 02 07:36:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:50:56 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 8.86  | 83   | 539114   | 47.486   | ug/l   | 98       |
| 40) Benzene                    | 7.45  | 78   | 1401817  | 54.146   | ug/l   | 99       |
| 41) Methacrylonitrile          | 6.46  | 41   | 341808   | 50.253   | ug/l # | 91       |
| 42) 1,2-Dichloroethane         | 7.58  | 62   | 707426   | 50.089   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 9.24  | 43   | 356043   | 52.655   | ug/l   | 99       |
| 44) Trichloroethene            | 8.55  | 130  | 538488   | 53.053   | ug/l   | 87       |
| 45) 1,2-Dichloropropane        | 8.94  | 63   | 327207   | 50.827   | ug/l   | 96       |
| 46) Dibromomethane             | 9.06  | 93   | 283172   | 51.206   | ug/l   | 93       |
| 47) Bromodichloromethane       | 9.37  | 83   | 720817   | 50.189   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.13  | 41   | 244452   | 50.873   | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.09  | 88   | 40170    | 1004.815 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone       | 10.31 | 43   | 1209250  | 252.236  | ug/l   | 97       |
| 52) Toluene                    | 10.51 | 92   | 890690   | 51.180   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 620842   | 52.814   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.04 | 75   | 671998   | 52.595   | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane      | 11.19 | 97   | 307801   | 51.480   | ug/l   | 94       |
| 56) Ethyl methacrylate         | 11.05 | 69   | 339660   | 53.157   | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 11.41 | 76   | 462637   | 50.534   | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 882499   | 269.022  | ug/l   | 98       |
| 59) 2-Hexanone                 | 11.54 | 43   | 864726   | 253.264  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.69 | 129  | 563198   | 50.571   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 380873   | 53.936   | ug/l   | 95       |
| 64) Tetrachloroethene          | 11.26 | 164  | 457279   | 50.872   | ug/l   | 97       |
| 65) Chlorobenzene              | 12.40 | 112  | 1137515  | 56.119   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 504009   | 53.170   | ug/l   | 92       |
| 67) Ethyl Benzene              | 12.52 | 91   | 1933537  | 53.131   | ug/l   | 99       |
| 68) m/p-Xylenes                | 12.67 | 106  | 1373985  | 108.402  | ug/l   | 99       |
| 69) o-Xylene                   | 13.05 | 106  | 618153   | 53.350   | ug/l   | 96       |
| 70) Styrene                    | 13.07 | 104  | 1128867  | 55.468   | ug/l   | 94       |
| 71) Bromoform                  | 13.23 | 173  | 348644   | 53.682   | ug/l # | 95       |
| 73) Isopropylbenzene           | 13.40 | 105  | 1997526  | 54.186   | ug/l   | 98       |
| 74) N-amyl acetate             | 13.26 | 43   | 519429   | 58.021   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 341448   | 56.847   | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 385688   | 58.109   | ug/l   | 99       |
| 77) Bromobenzene               | 13.67 | 156  | 551062   | 55.576   | ug/l   | 88       |
| 78) n-propylbenzene            | 13.77 | 91   | 2392258  | 55.755   | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 1376178  | 56.124   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 1610696  | 52.017   | ug/l   | 93       |
| 81) trans-1,4-Dichloro-2-buten | 13.48 | 75   | 104023   | 59.799   | ug/l   | 91       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 1553858  | 52.637   | ug/l   | 96       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 1919484  | 55.614   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 1705489  | 53.738   | ug/l   | 97       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 1928159  | 51.400   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 1900254  | 55.372   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 955303   | 53.747   | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 982227   | 55.020   | ug/l   | 96       |
| 89) n-Butylbenzene             | 14.80 | 91   | 1723120  | 53.645   | ug/l   | 96       |
| 90) Hexachloroethane           | 15.00 | 117  | 523552   | 56.740   | ug/l   | 77       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 827788   | 54.434   | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 67418    | 57.508   | ug/l   | 89       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070119\  
Data File : VD062998.D  
Acq On : 1 Jul 2019 18:52  
Operator : VA/AP  
Sample : VSTDCCC050  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 20 Sample Multiplier: 1

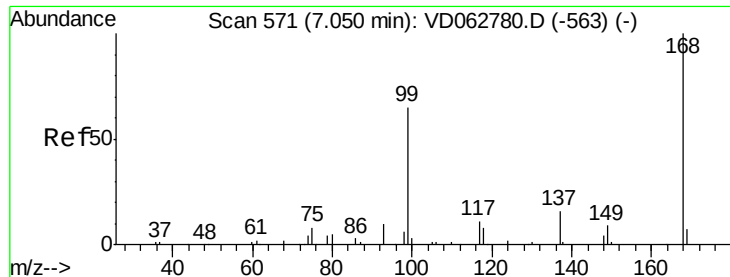
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jul 02 07:36:33 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 20 01:50:56 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180  | 638942   | 53.787 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 480381   | 52.933 | ug/l  | 94       |
| 95) Naphthalene            | 16.13 | 128  | 965822   | 58.008 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 496715   | 54.421 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

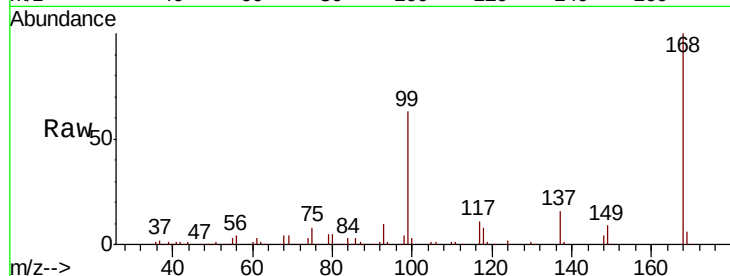
VSTDCCC050EC

Tot Ion:168 Resp: 964712

Ion Ratio Lower Upper

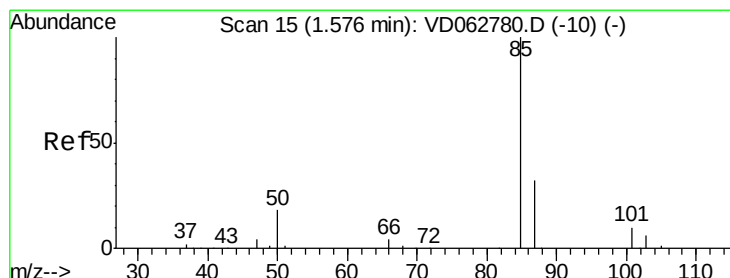
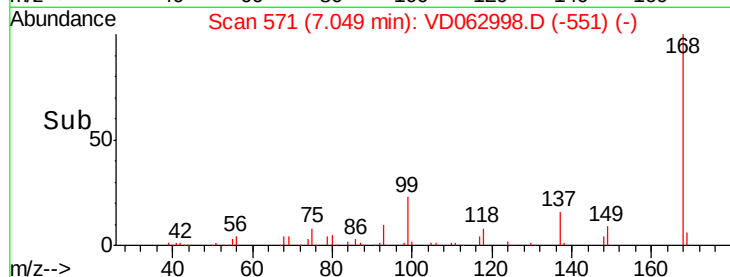
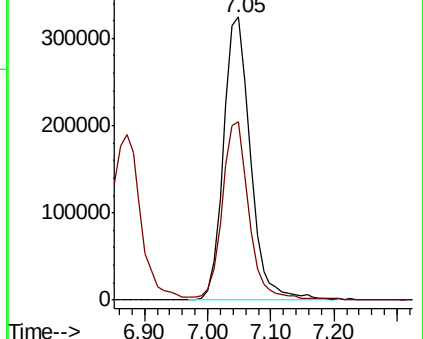
168 100

99 63.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 42.235 ug/l

RT: 1.57 min Scan# 14

Delta R.T. -0.01 min

Lab File: VD062998.D

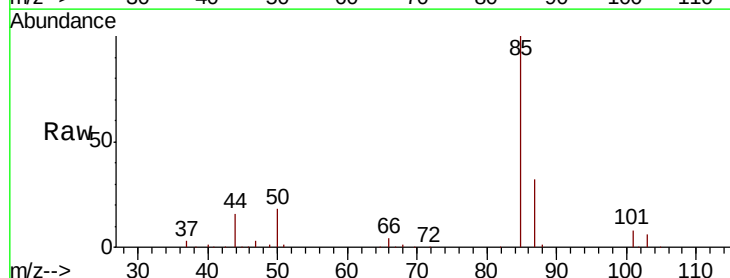
Acq: 1 Jul 2019 18:52

Tgt Ion: 85 Resp: 527247

Ion Ratio Lower Upper

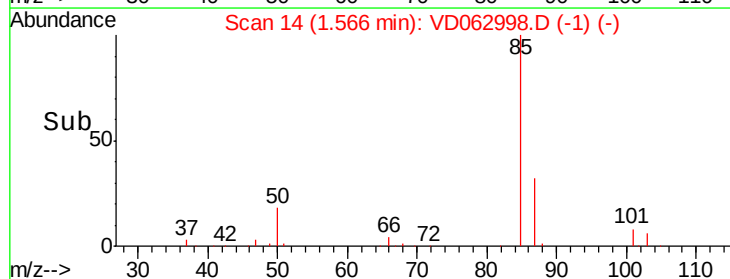
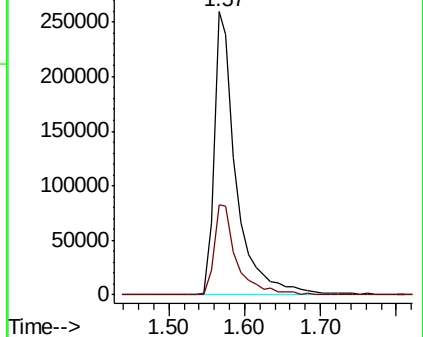
85 100

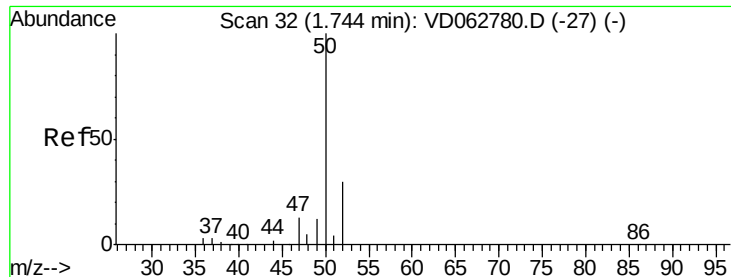
87 31.7 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.885 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.00 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

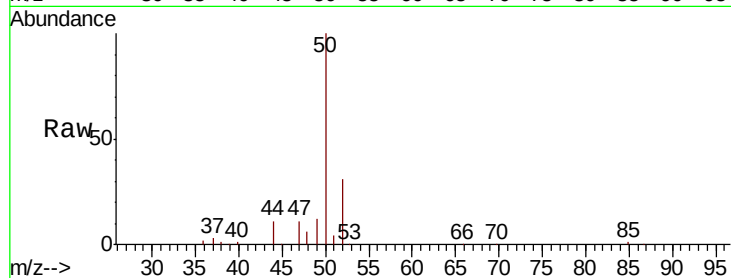
VSTDCCC050EC

Tot Ion: 50 Resp: 421408

Ion Ratio Lower Upper

50 100

52 30.8 23.6 35.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.74

150000

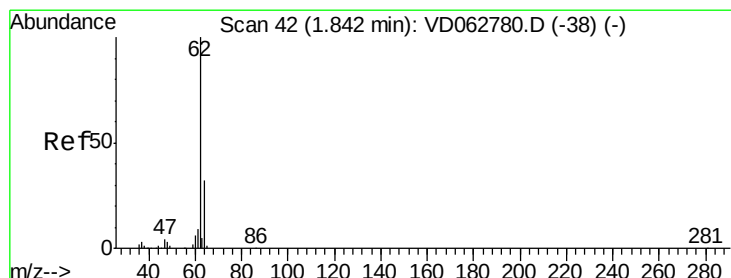
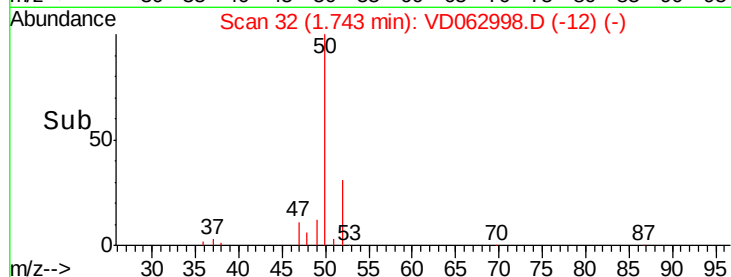
100000

50000

0

1.70 1.80 1.90

Time-->



#4

Vinyl Chloride

Concen: 47.134 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.00 min

Lab File: VD062998.D

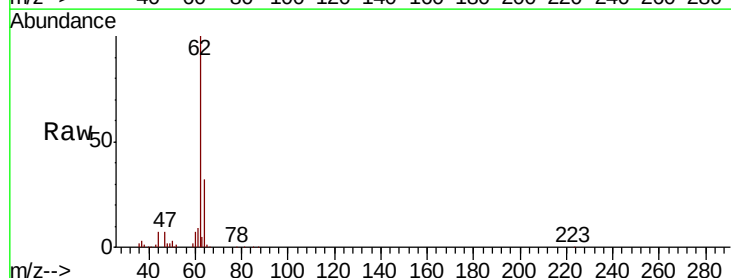
Acq: 1 Jul 2019 18:52

Tgt Ion: 62 Resp: 438758

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.84

250000

200000

150000

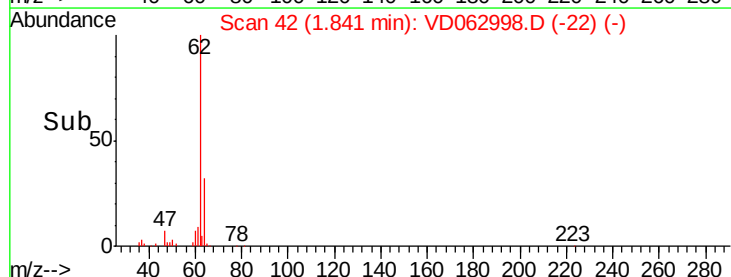
100000

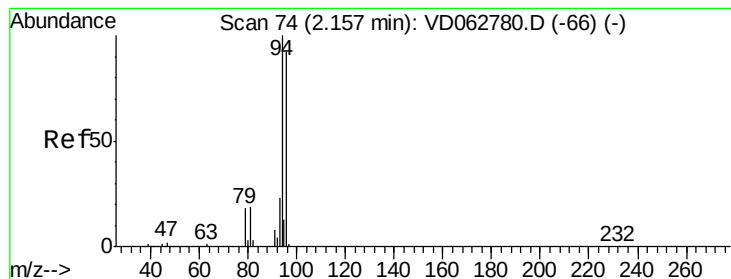
50000

0

1.80 1.90 2.00

Time-->





#5

Bromomethane

Concen: 51.944 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

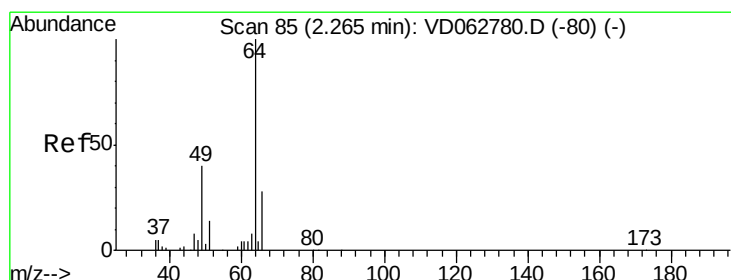
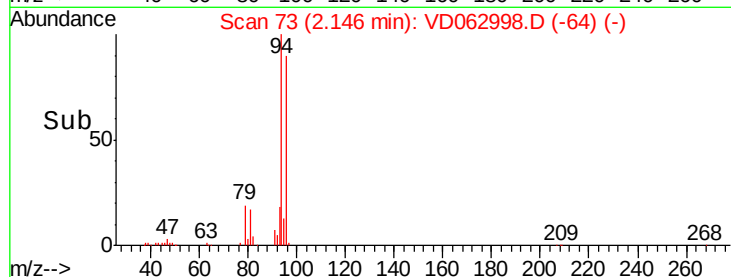
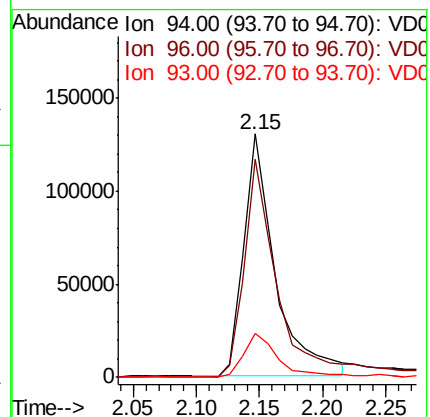
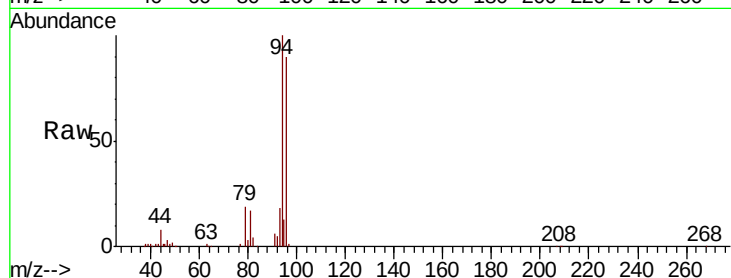
Tot Ion: 94 Resp: 226443

Ion Ratio Lower Upper

94 100

96 89.6 73.4 110.2

93 18.3 18.2 27.4



#6

Chloroethane

Concen: 53.743 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VD062998.D

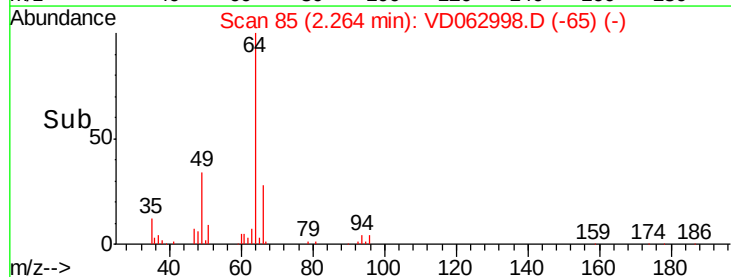
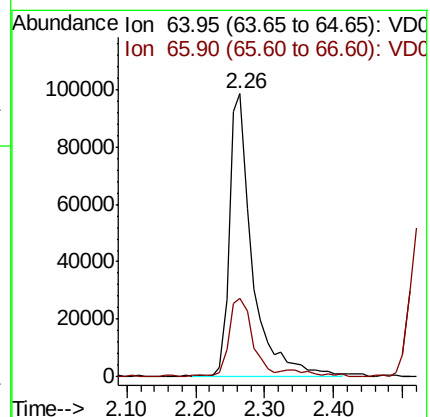
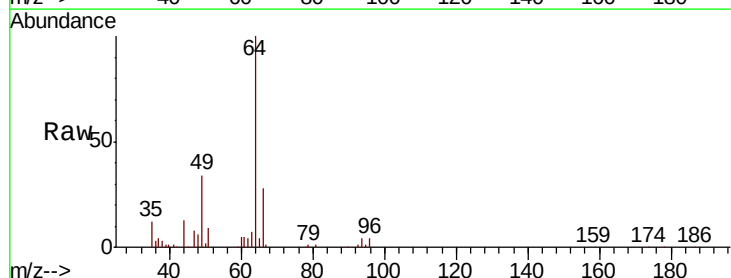
Acq: 1 Jul 2019 18:52

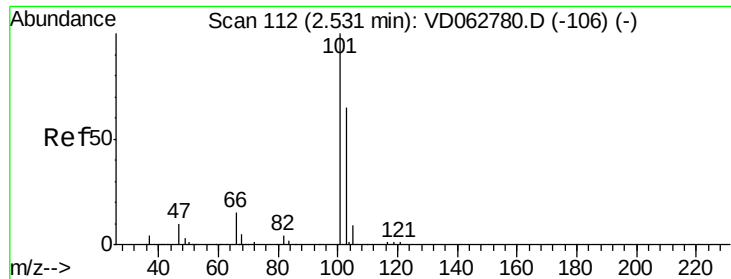
Tgt Ion: 64 Resp: 226492

Ion Ratio Lower Upper

64 100

66 27.9 23.0 34.4



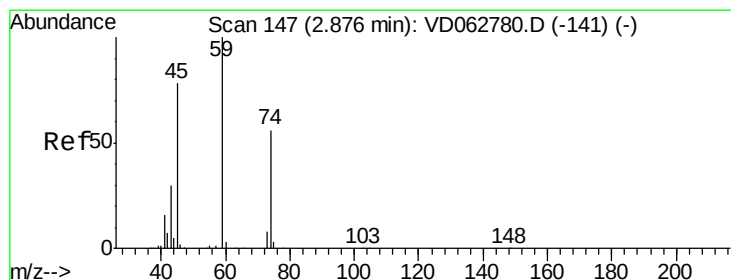
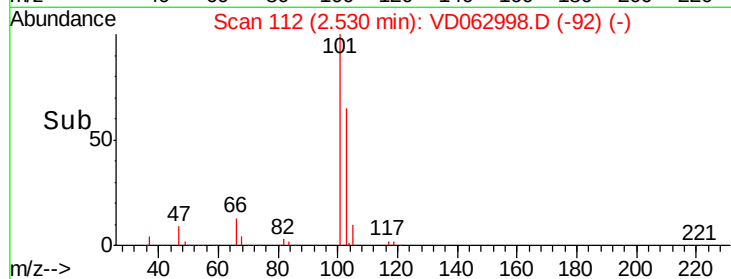
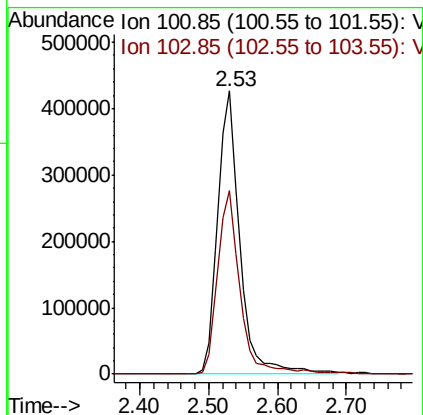
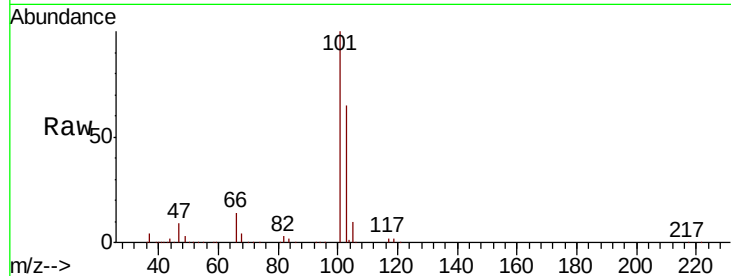


#7

Trichlorofluoromethane  
 Concen: 50.768 ug/l  
 RT: 2.53 min Scan# 112  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

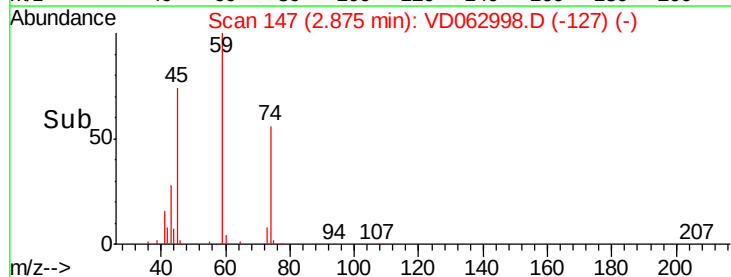
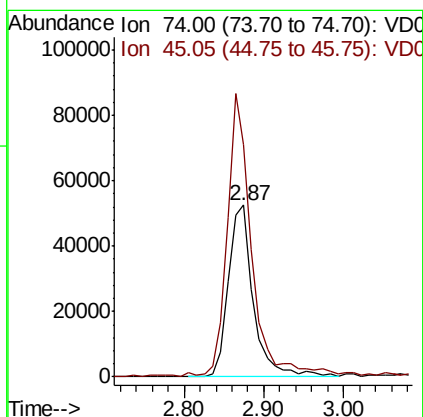
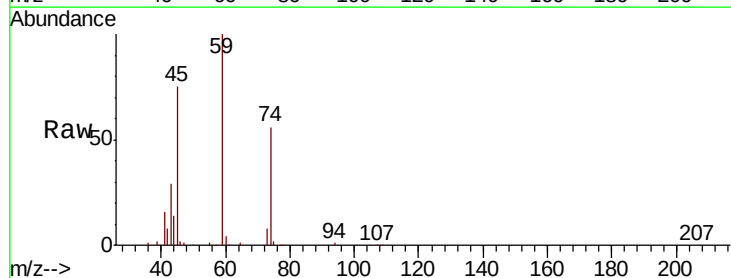
Tot Ion:101 Resp: 956410  
 Ion Ratio Lower Upper  
 101 100  
 103 65.0 51.8 77.8



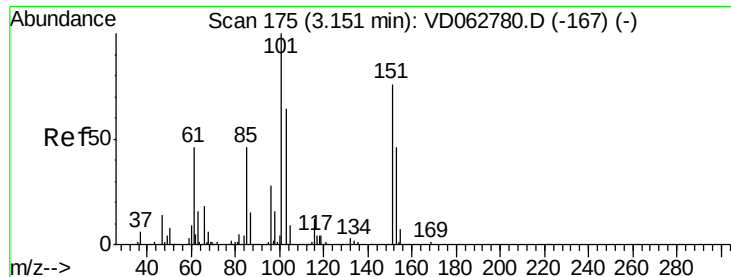
#8

Diethyl Ether  
 Concen: 48.853 ug/l  
 RT: 2.87 min Scan# 147  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion: 74 Resp: 116937  
 Ion Ratio Lower Upper  
 74 100  
 45 135.1 70.2 210.6







#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.260 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

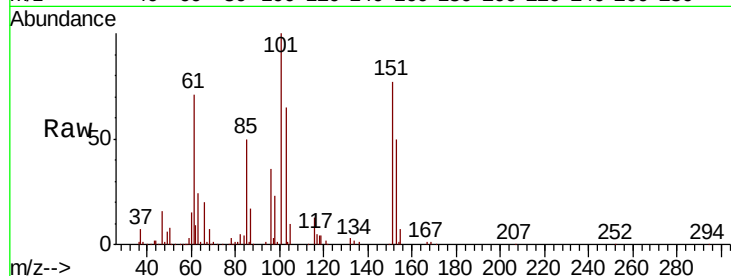
Tot Ion:101 Resp: 523166

Ion Ratio Lower Upper

101 100

85 49.9 37.0 55.4

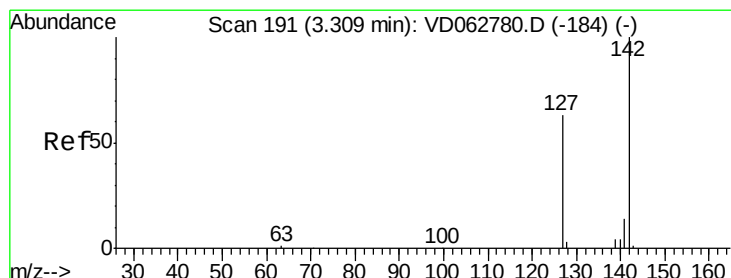
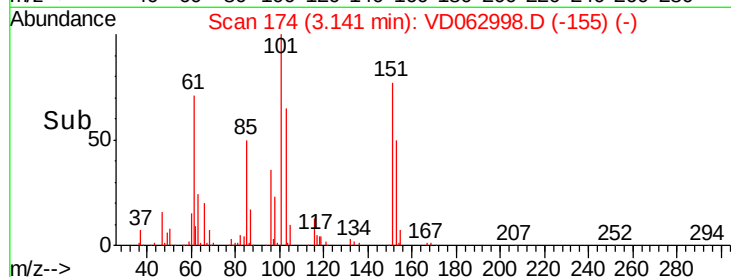
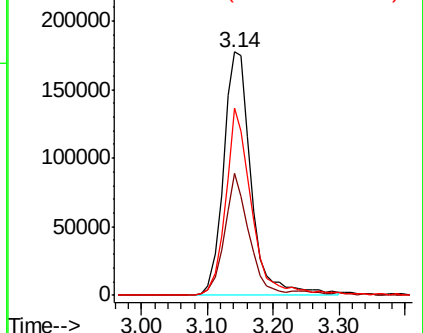
151 76.8 60.5 90.7



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: 54.798 ug/l

RT: 3.30 min Scan# 190

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

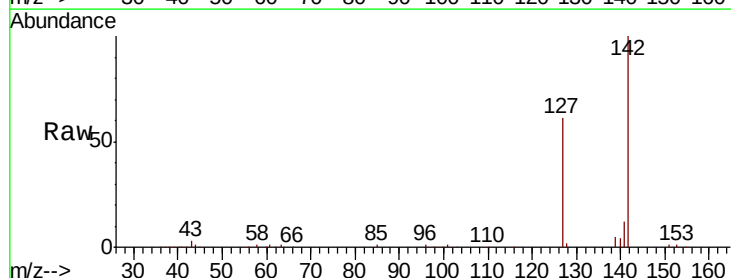
Tgt Ion:142 Resp: 737840

Ion Ratio Lower Upper

142 100

127 60.5 50.1 75.1

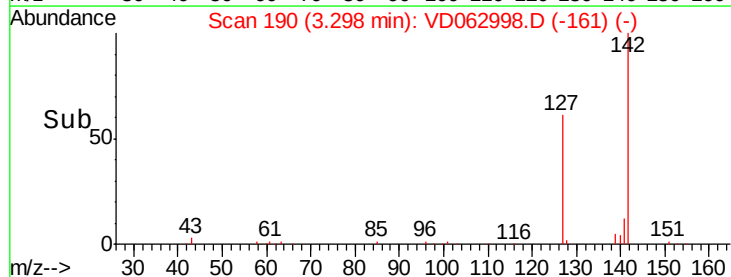
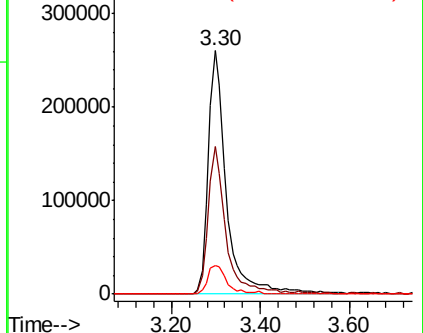
141 11.8 11.0 16.4

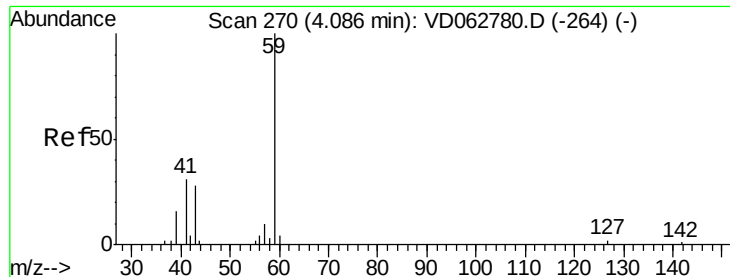


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



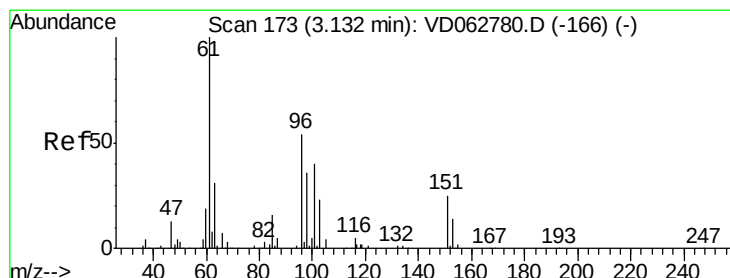
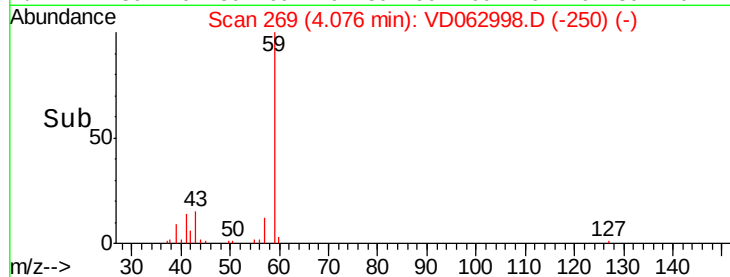
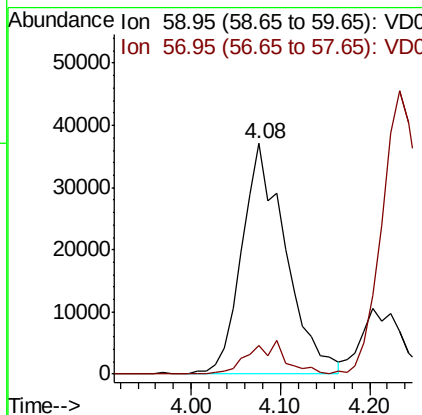
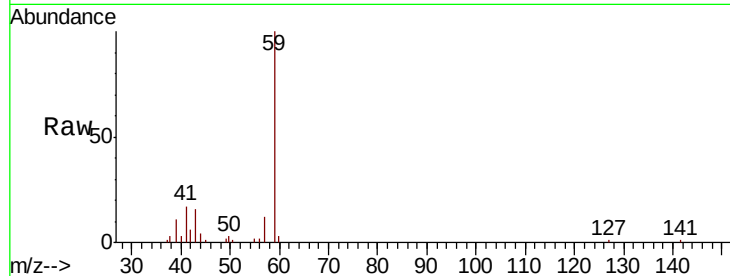


#11

Tert butyl alcohol  
 Concen: 264.978 ug/l  
 RT: 4.08 min Scan# 269  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

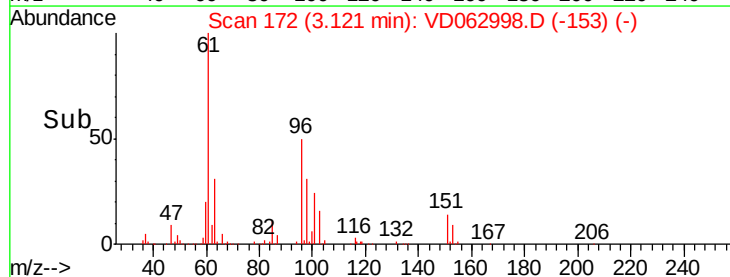
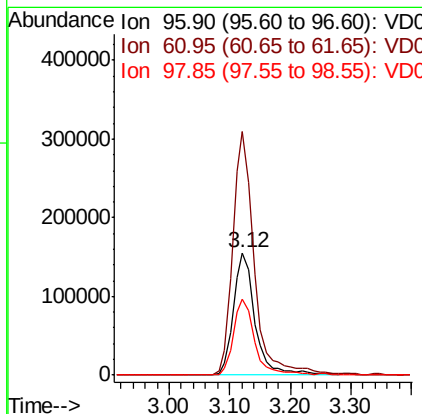
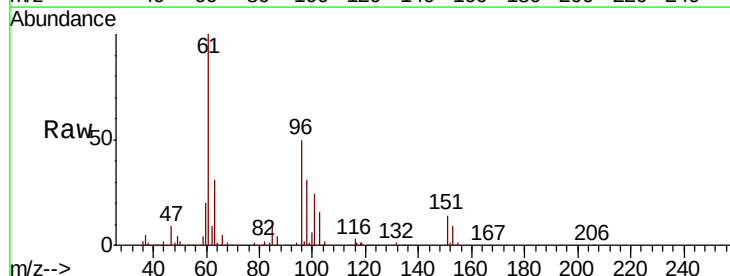
Tot Ion: 59 Resp: 126552  
 Ion Ratio Lower Upper  
 59 100  
 57 12.2 6.6 10.0#

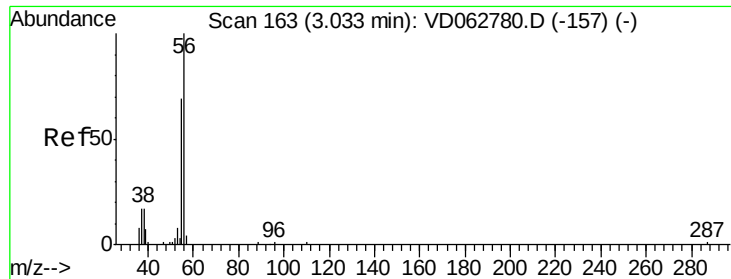


#12

1,1-Dichloroethene  
 Concen: 50.641 ug/l  
 RT: 3.12 min Scan# 172  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion: 96 Resp: 387723  
 Ion Ratio Lower Upper  
 96 100  
 61 198.5 147.1 220.7  
 98 61.4 52.6 79.0





#13

Acrolein

Concen: 211.072 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.00 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

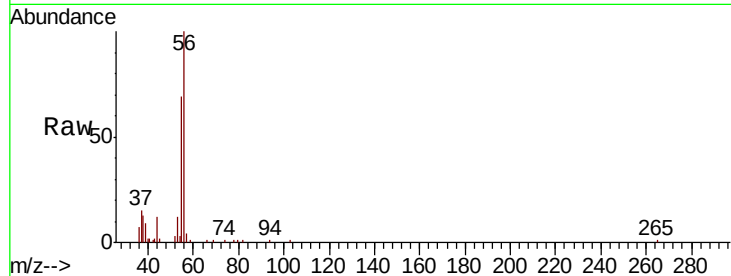
VSTDCCC050EC

Tot Ion: 56 Resp: 102912

Ion Ratio Lower Upper

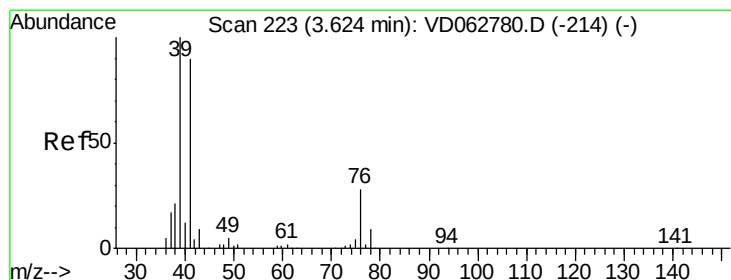
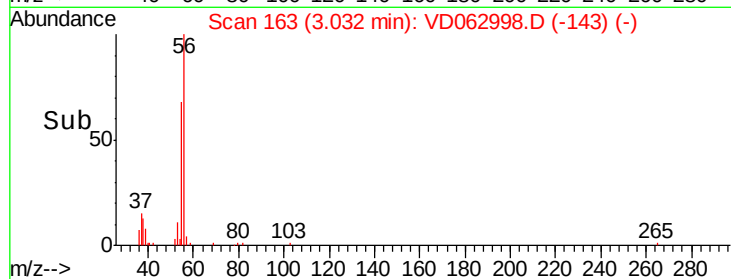
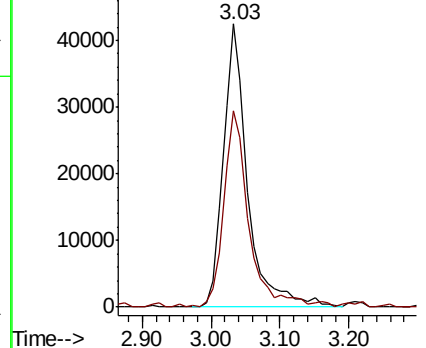
56 100

55 69.3 55.4 83.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 54.640 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

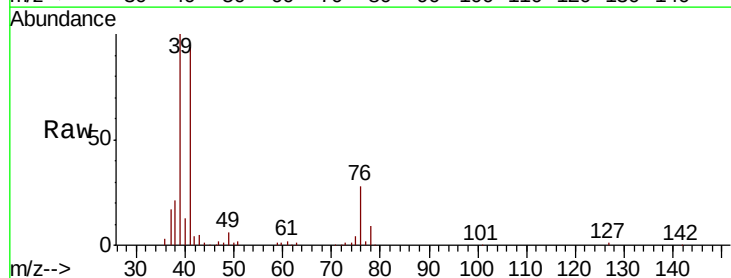
Tgt Ion: 41 Resp: 618133

Ion Ratio Lower Upper

41 100

39 106.5 88.8 133.2

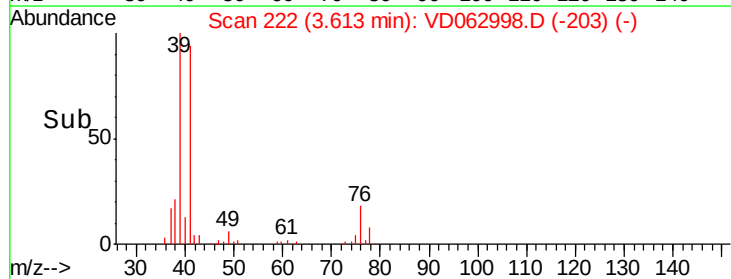
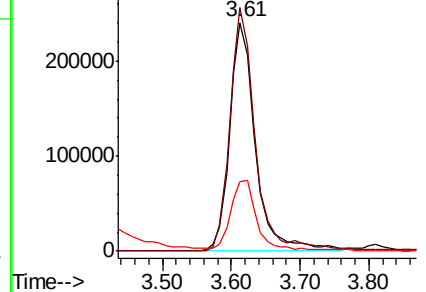
76 30.1 26.7 40.1

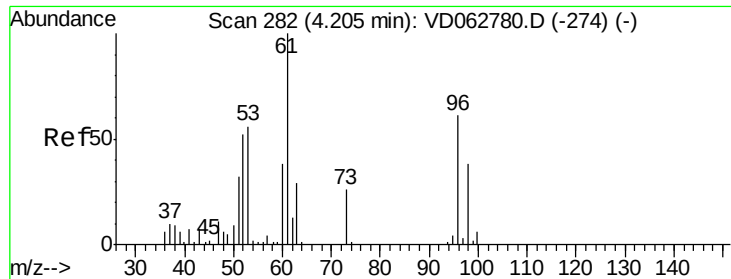


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 288.191 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

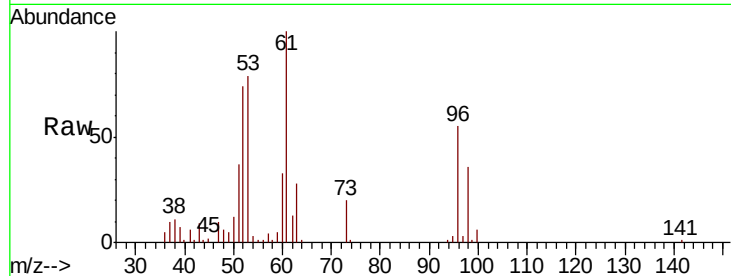
Tot Ion: 53 Resp: 323412

Ion Ratio Lower Upper

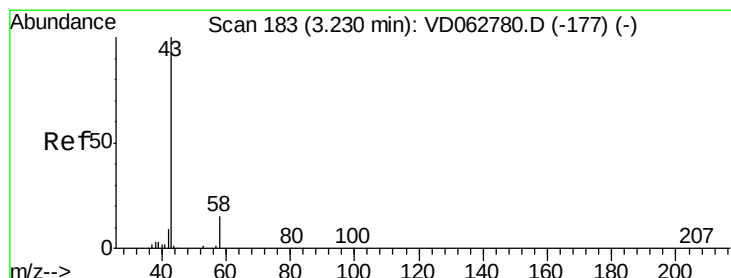
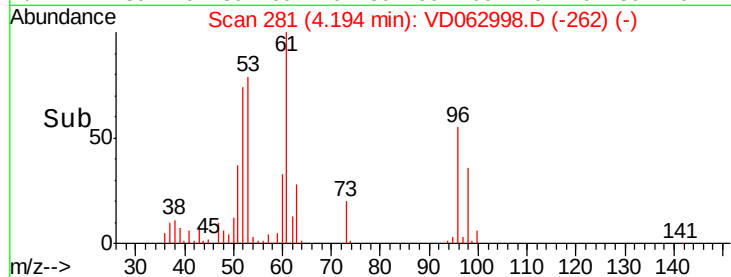
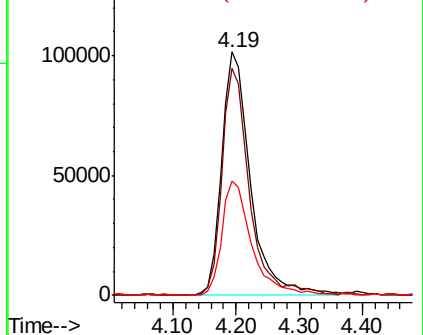
53 100

52 93.2 73.3 109.9

51 46.8 44.8 67.2



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: 253.173 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062998.D

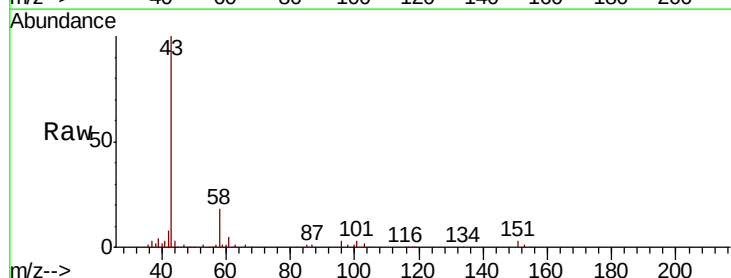
Acq: 1 Jul 2019 18:52

Tgt Ion: 43 Resp: 538190

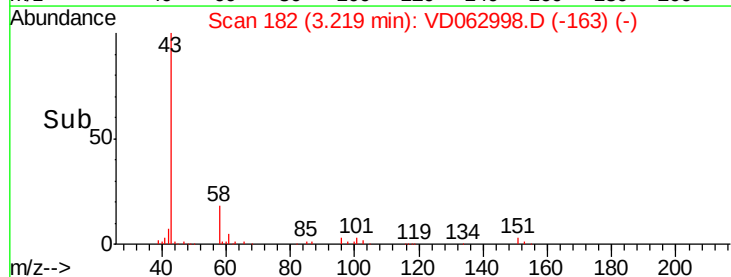
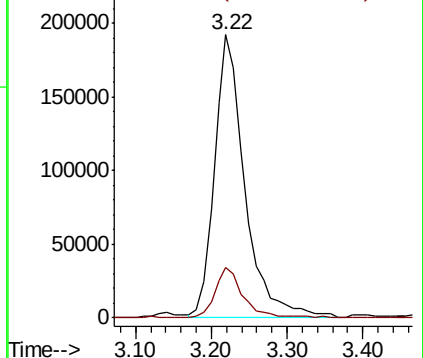
Ion Ratio Lower Upper

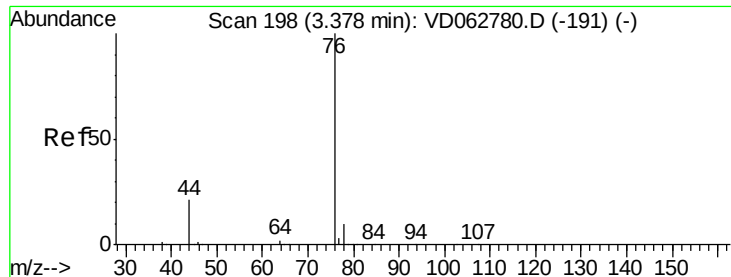
43 100

58 17.9 11.9 17.9#



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

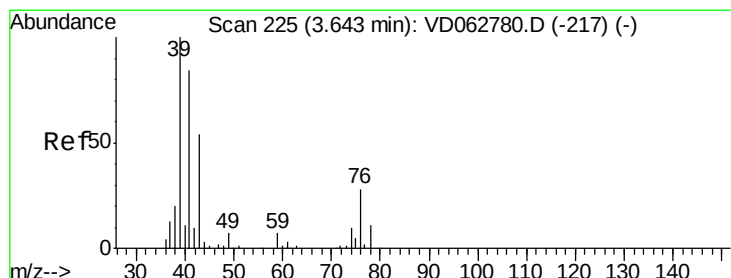
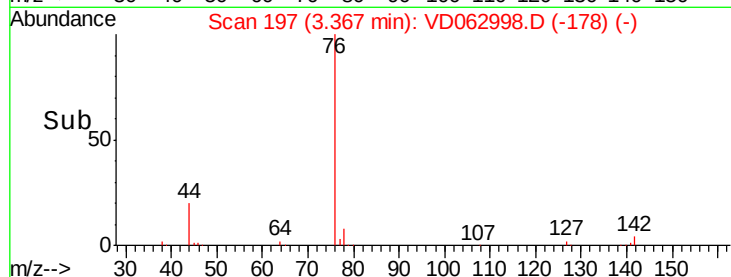
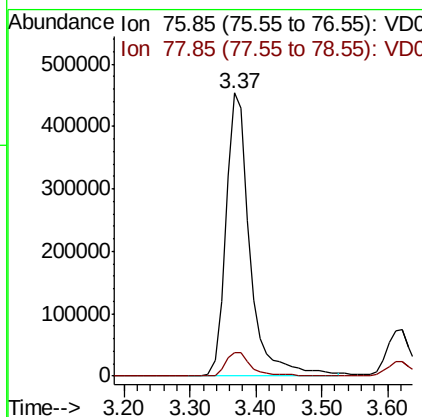
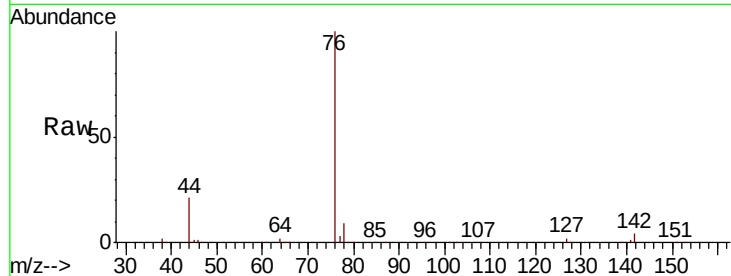




#17  
Carbon Disulfide  
Concen: 47.258 ug/l  
RT: 3.37 min Scan# 197  
Delta R.T. -0.01 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

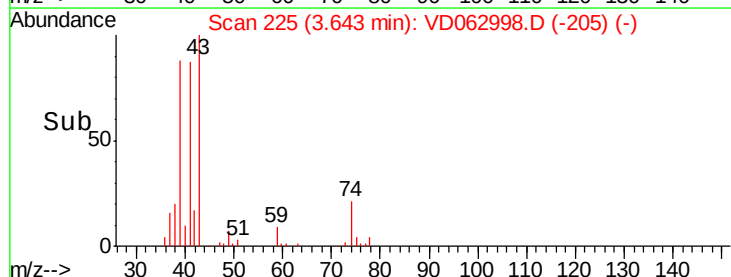
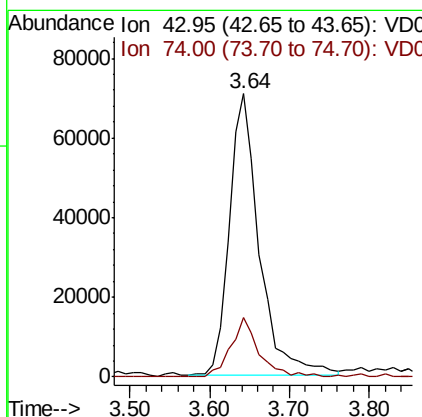
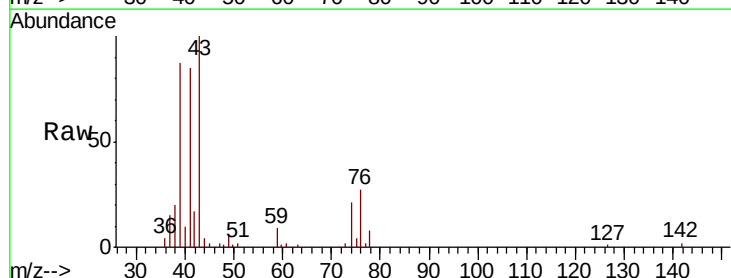
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

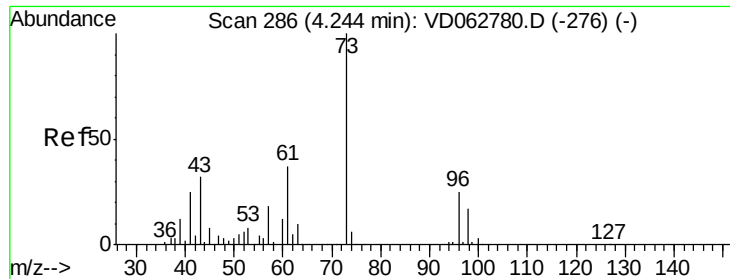
Tot Ion: 76 Resp: 1156373  
Ion Ratio Lower Upper  
76 100  
78 8.5 8.0 12.0



#18  
Methyl Acetate  
Concen: 58.536 ug/l  
RT: 3.64 min Scan# 225  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Tgt Ion: 43 Resp: 185299  
Ion Ratio Lower Upper  
43 100  
74 20.9 15.2 22.8

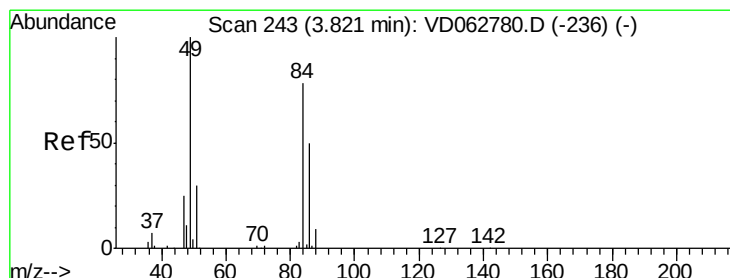
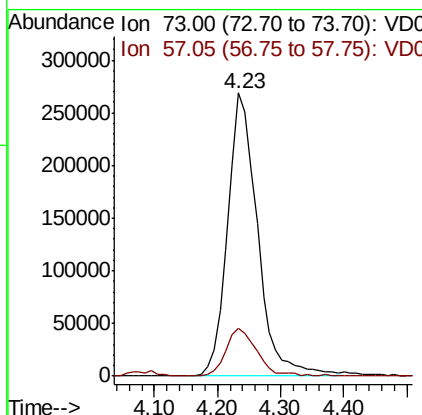
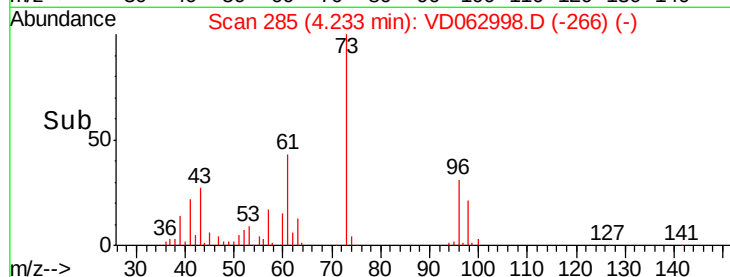
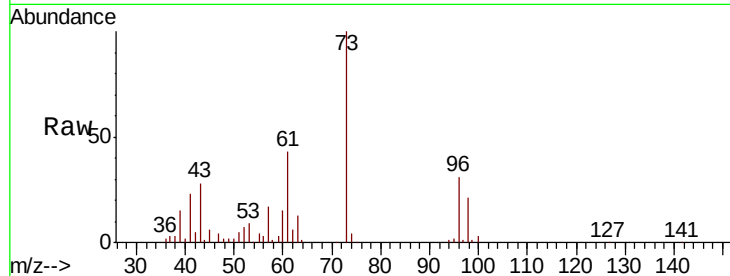




#19  
Methyl tert-butyl Ether  
Concen: 53.279 ug/l  
RT: 4.23 min Scan# 285  
Delta R.T. -0.01 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

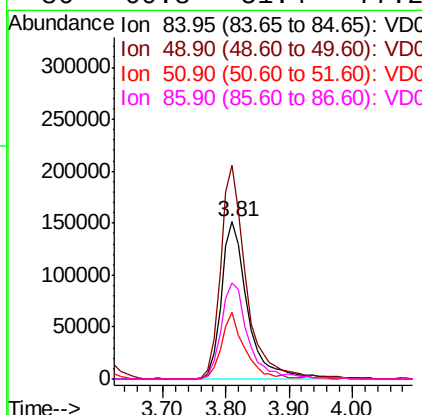
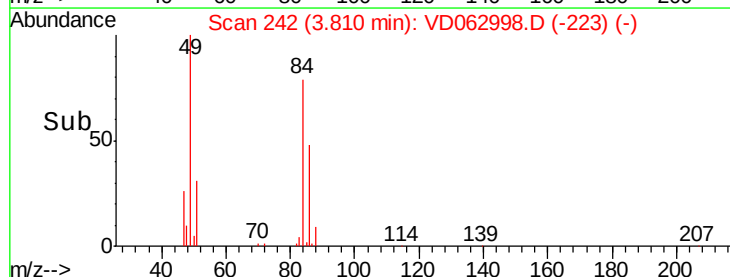
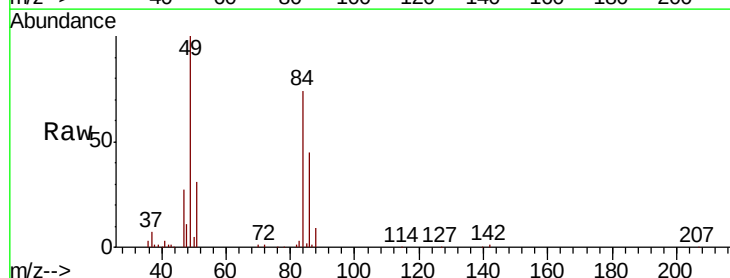
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

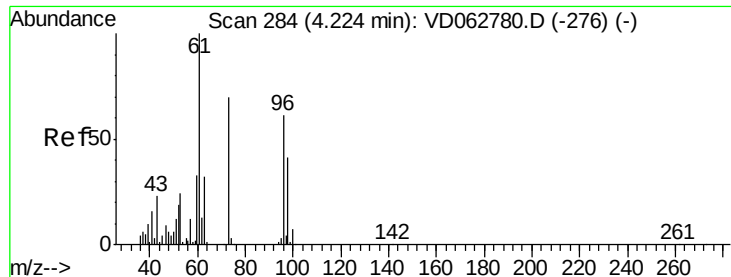
Tot Ion: 73 Resp: 883068  
Ion Ratio Lower Upper  
73 100  
57 16.9 14.3 21.5



#20  
Methylene Chloride  
Concen: 54.888 ug/l  
RT: 3.81 min Scan# 242  
Delta R.T. -0.01 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Tgt Ion: 84 Resp: 438954  
Ion Ratio Lower Upper  
84 100  
49 135.8 102.9 154.3  
51 42.1 31.2 46.8  
86 60.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 52.133 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

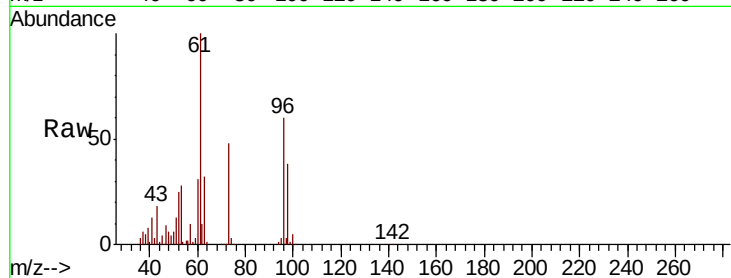
Tot Ion: 96 Resp: 425003

Ion Ratio Lower Upper

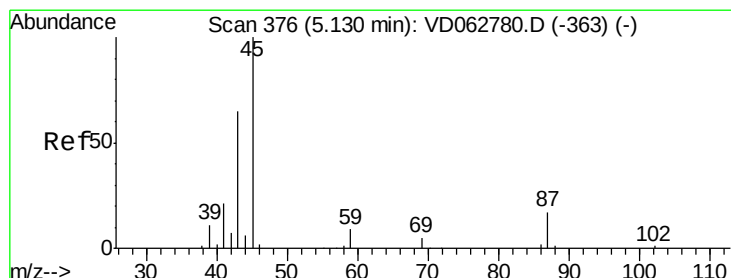
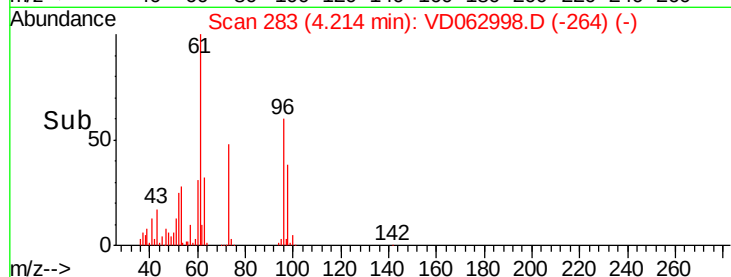
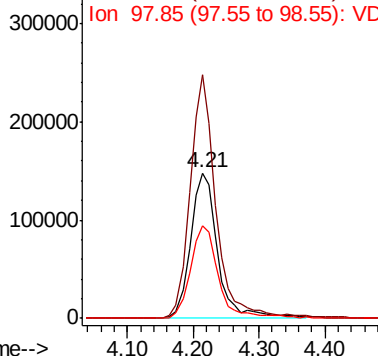
96 100

61 167.8 131.0 196.4

98 63.6 53.2 79.8



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: 55.398 ug/l

RT: 5.12 min Scan# 375

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Tgt Ion: 45 Resp: 1274527

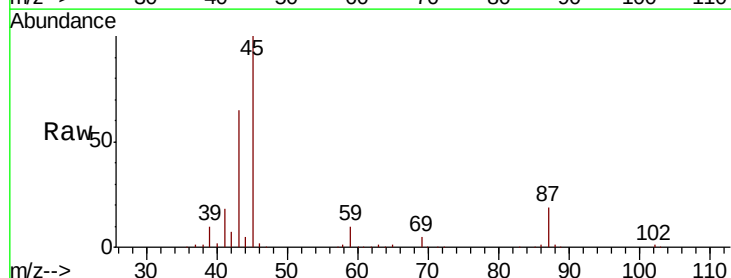
Ion Ratio Lower Upper

45 100

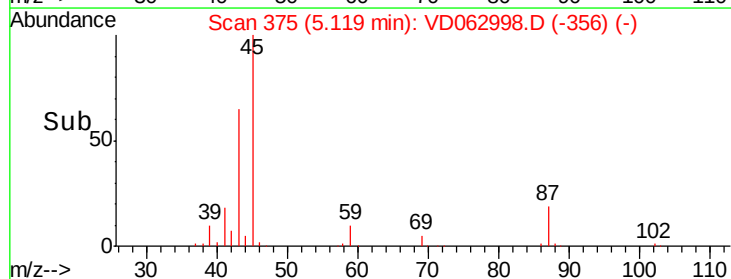
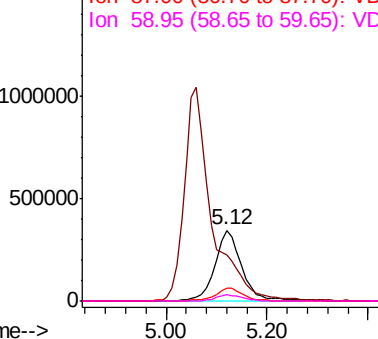
43 64.7 53.4 80.0

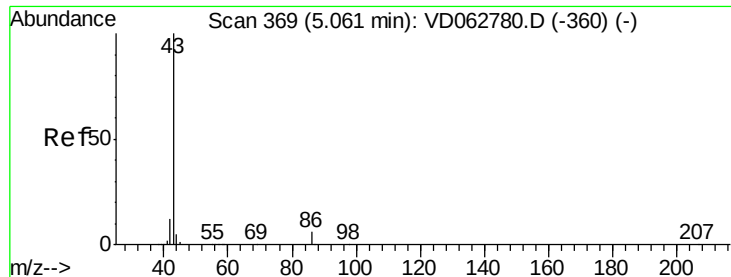
87 18.6 14.6 22.0

59 9.8 7.8 11.8



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: 272.412 ug/l

RT: 5.06 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

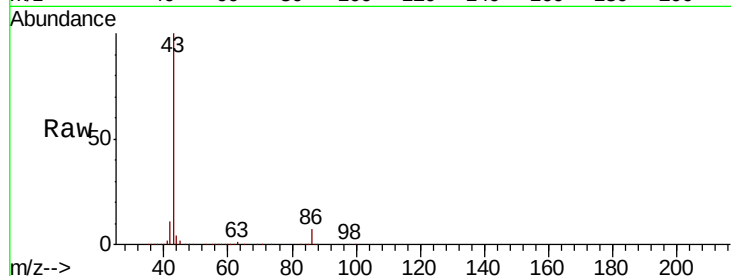
VSTDCCC050EC

Tot Ion: 43 Resp: 3921717

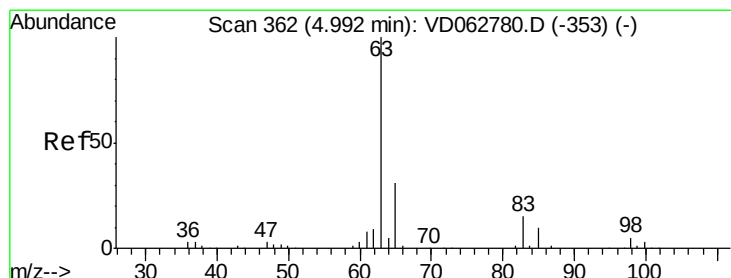
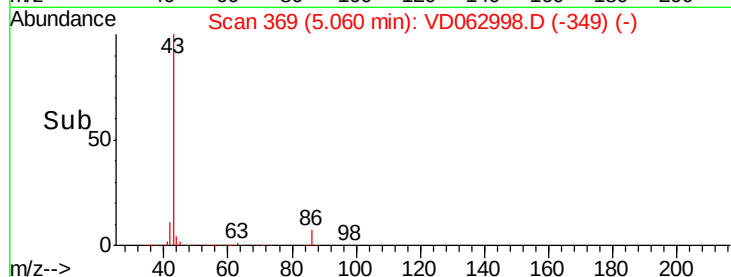
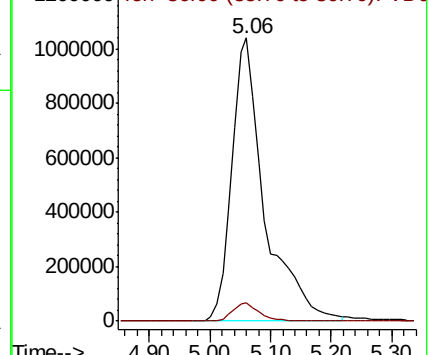
Ion Ratio Lower Upper

43 100

86 6.7 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: 53.552 ug/l

RT: 4.98 min Scan# 361

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

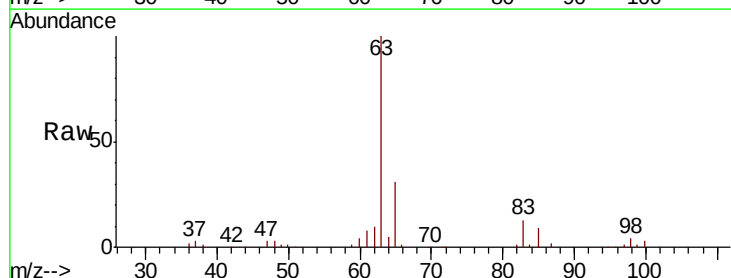
Tgt Ion: 63 Resp: 802166

Ion Ratio Lower Upper

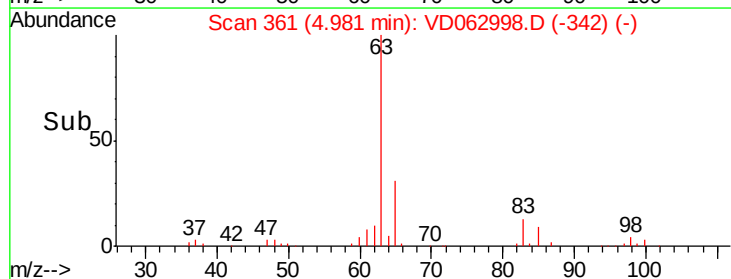
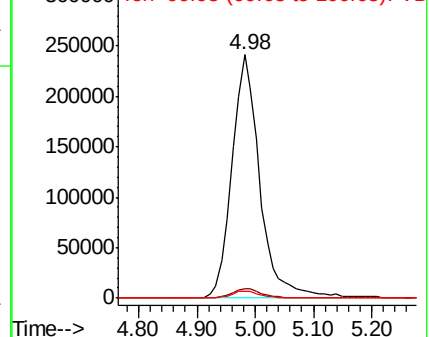
63 100

98 4.1 2.3 6.9

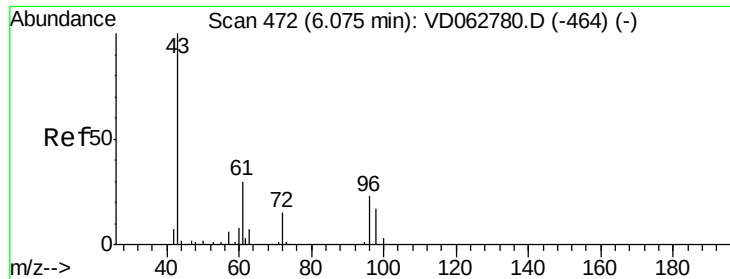
100 2.6 1.7 5.1



Abundance Ion 62.95 (62.65 to 63.65): VDC  
Ion 97.95 (97.65 to 98.65): VDC  
Ion 99.95 (99.65 to 100.65): VDC







#25

2-Butanone

Concen: 279.952 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.00 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

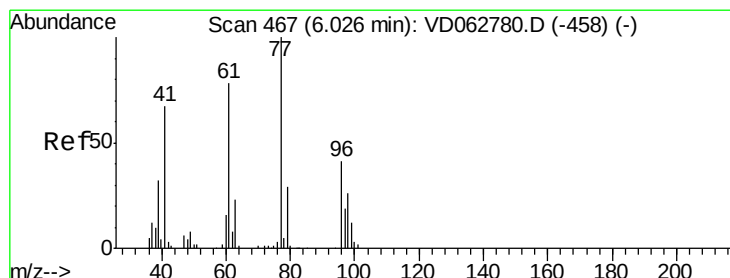
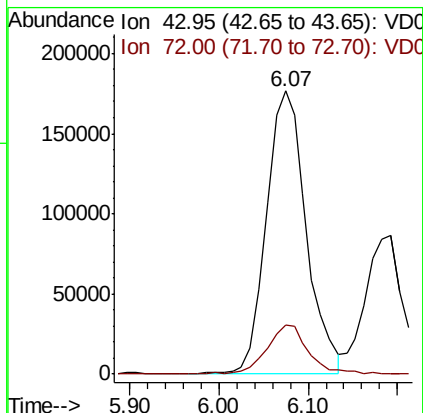
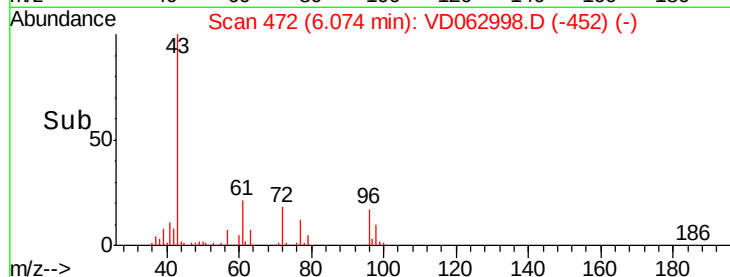
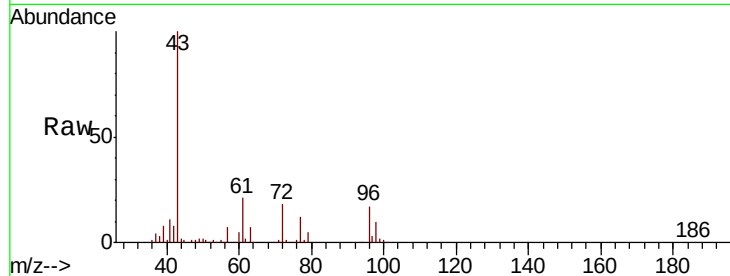
VSTDCCC050EC

Tot Ion: 43 Resp: 549056

Ion Ratio Lower Upper

43 100

72 17.6 11.9 17.9



#26

2,2-Dichloropropane

Concen: 51.988 ug/l

RT: 6.02 min Scan# 467

Delta R.T. -0.00 min

Lab File: VD062998.D

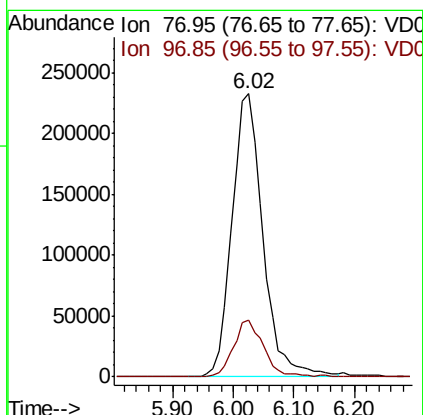
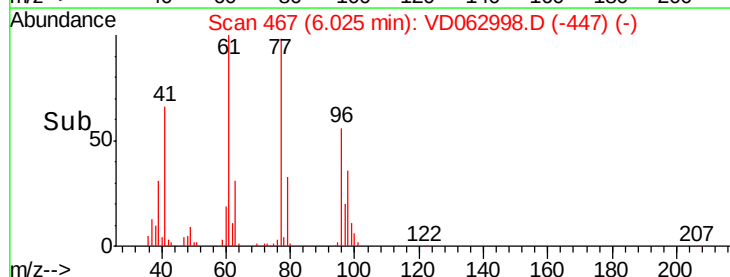
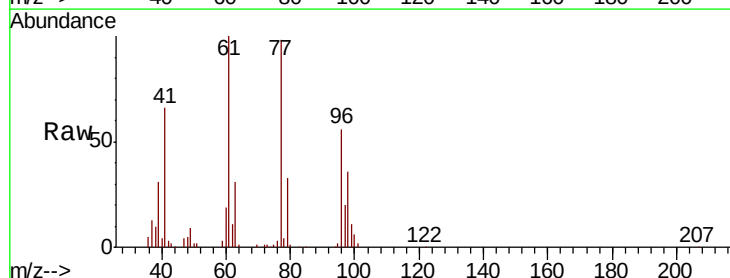
Acq: 1 Jul 2019 18:52

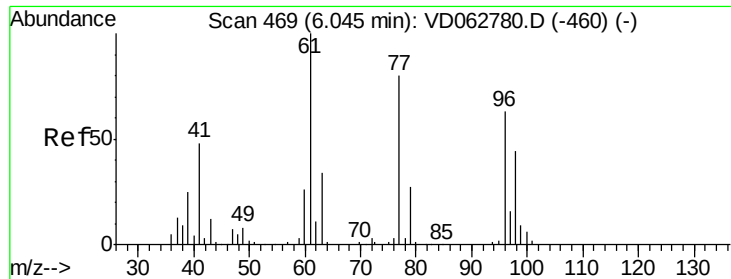
Tgt Ion: 77 Resp: 825413

Ion Ratio Lower Upper

77 100

97 20.0 9.5 28.5



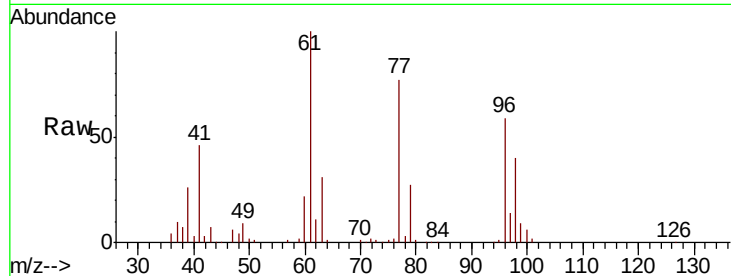


#27

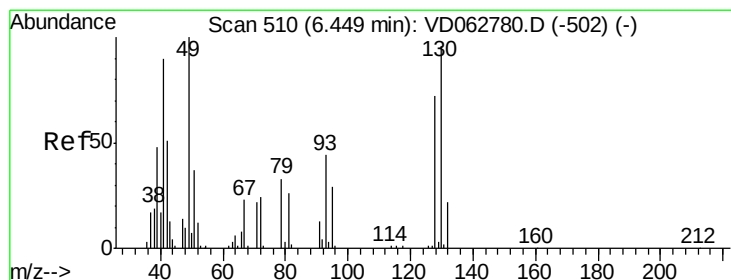
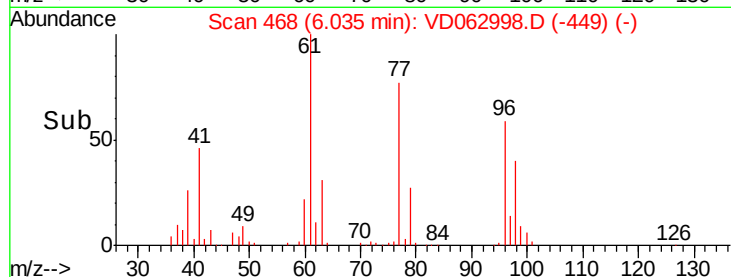
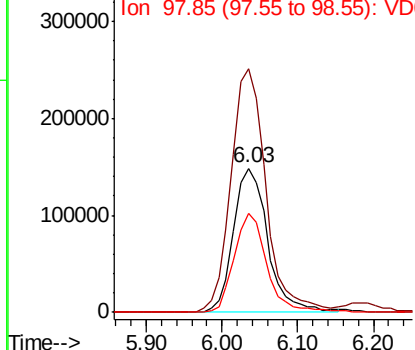
cis-1,2-Dichloroethene  
 Concen: 54.322 ug/l  
 RT: 6.03 min Scan# 468  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 96 Resp: 468308  
 Ion Ratio Lower Upper  
 96 100  
 61 169.2 0.0 316.0  
 98 68.4 0.0 138.4



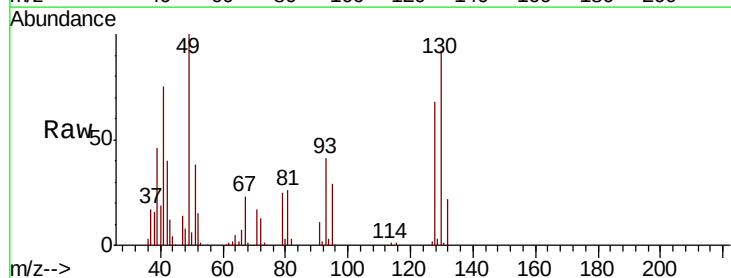
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC



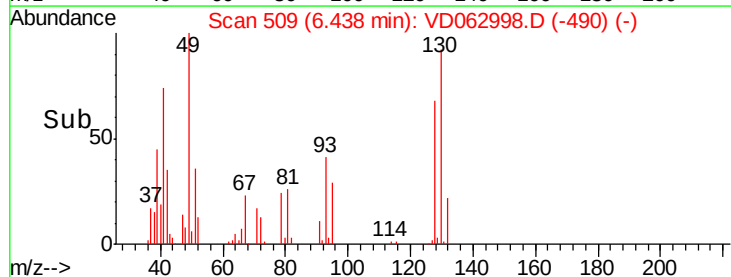
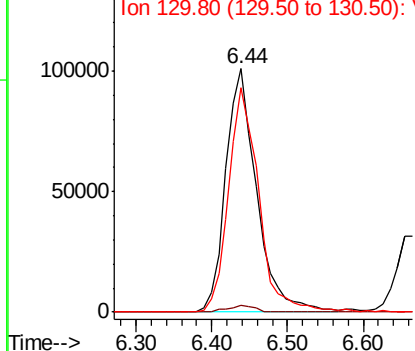
#28

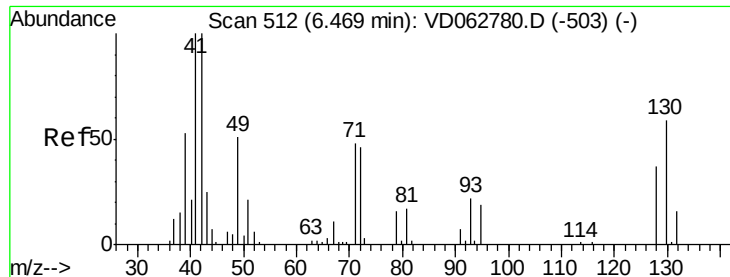
Bromochloromethane  
 Concen: 54.259 ug/l  
 RT: 6.44 min Scan# 509  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion: 49 Resp: 286250  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 5.6  
 130 92.2 76.6 114.8



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: 270.881 ug/l

RT: 6.46 min Scan# 511

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

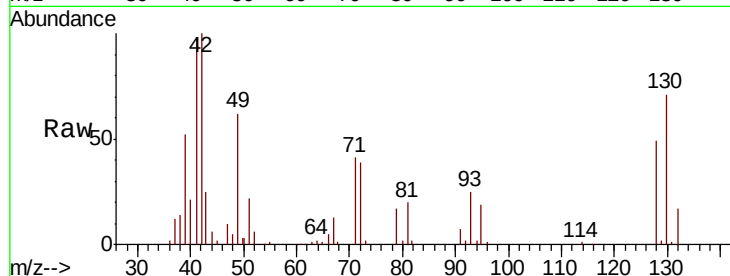
Tot Ion: 42 Resp: 251362

Ion Ratio Lower Upper

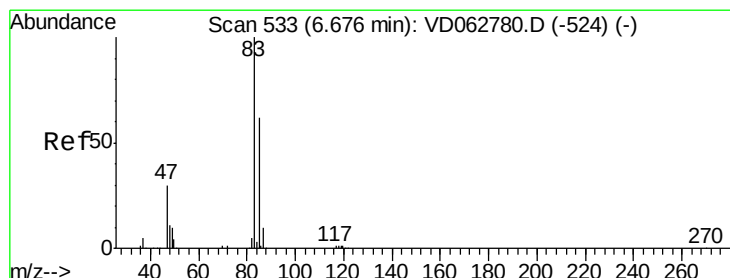
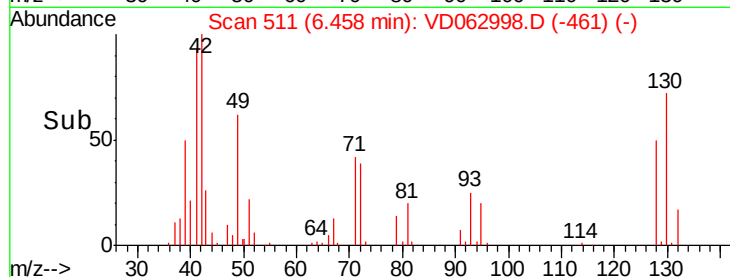
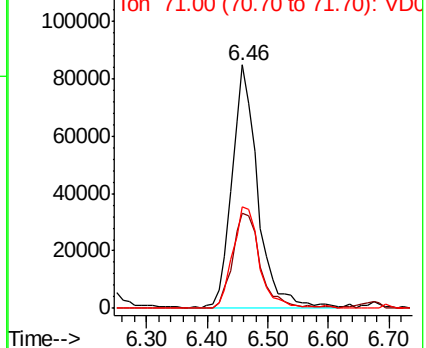
42 100

72 41.7 35.0 52.6

71 42.5 33.3 49.9



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: 52.229 ug/l

RT: 6.66 min Scan# 532

Delta R.T. -0.01 min

Lab File: VD062998.D

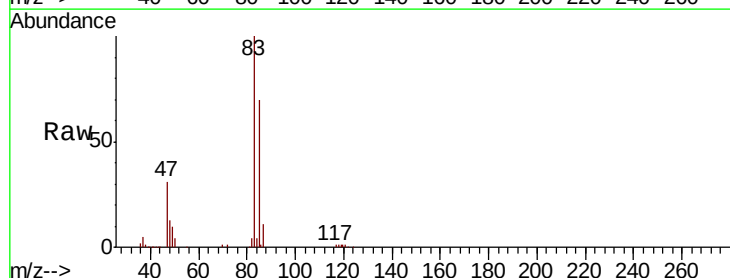
Acq: 1 Jul 2019 18:52

Tgt Ion: 83 Resp: 951458

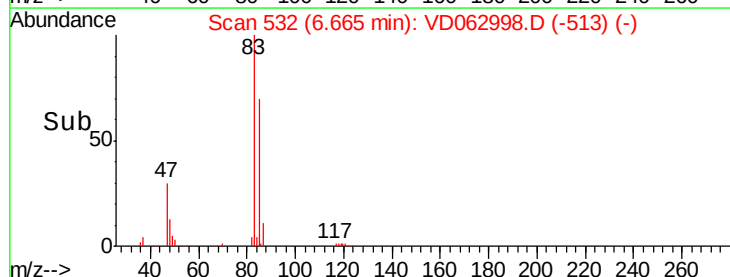
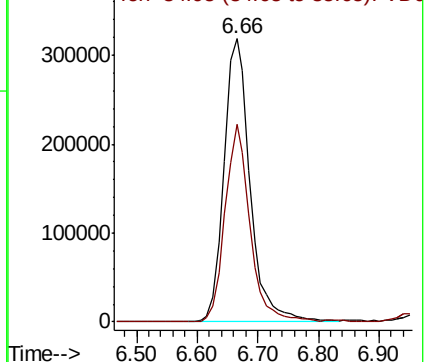
Ion Ratio Lower Upper

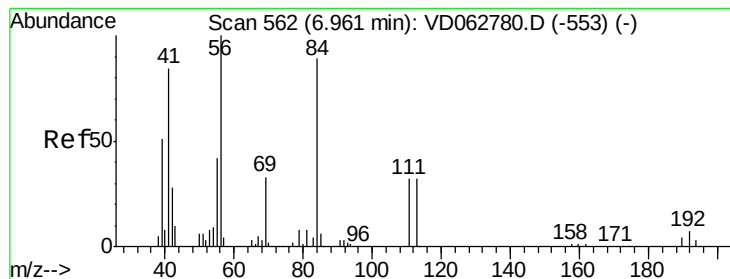
83 100

85 69.9 49.8 74.6



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





#31

Cyclohexane

Concen: 49.918 ug/l

RT: 6.95 min Scan# 561

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

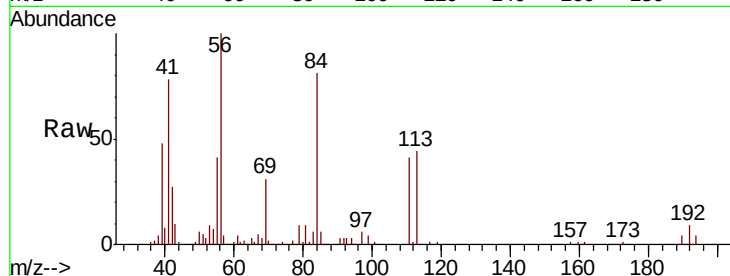
Tot Ion: 56 Resp: 491561

Ion Ratio Lower Upper

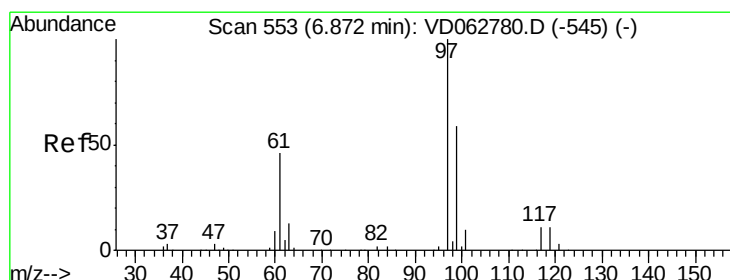
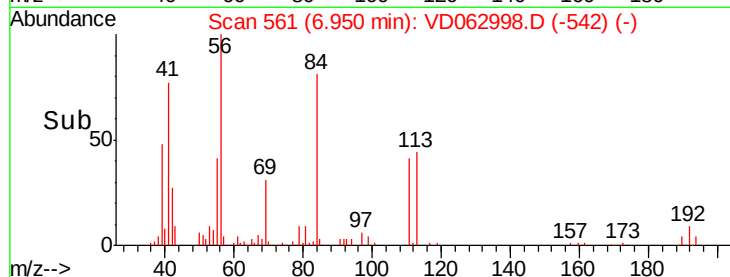
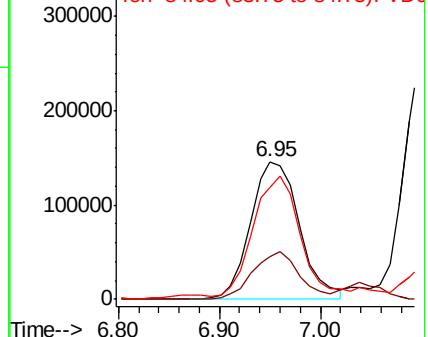
56 100

69 30.9 26.6 39.8

84 80.7 75.5 113.3



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: 50.231 ug/l

RT: 6.87 min Scan# 553

Delta R.T. -0.00 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

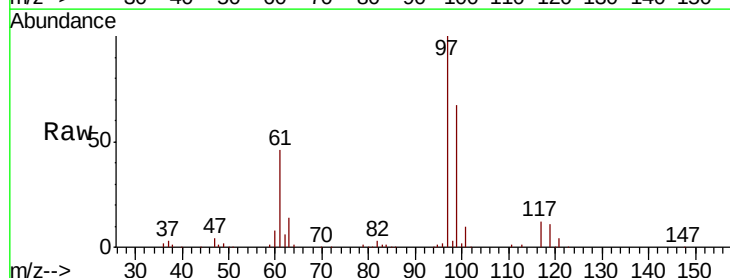
Tgt Ion: 97 Resp: 953096

Ion Ratio Lower Upper

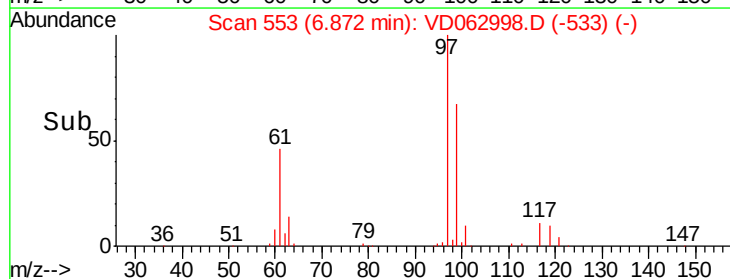
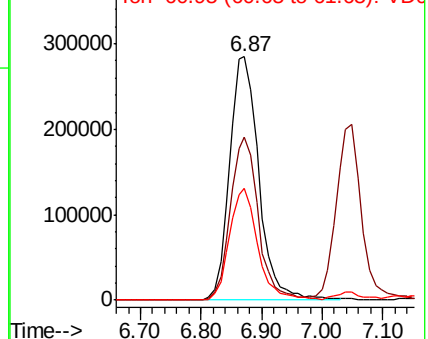
97 100

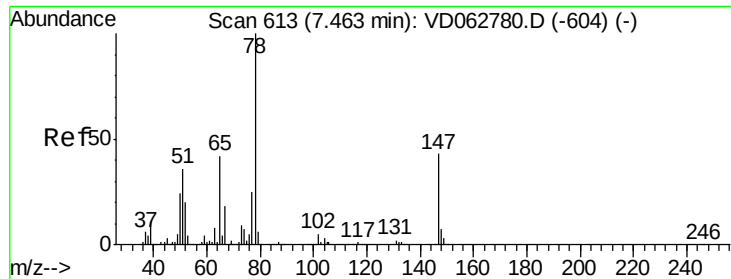
99 66.8 47.4 71.2

61 46.0 37.2 55.8



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

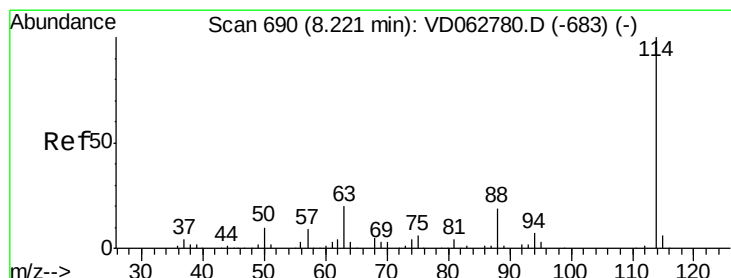
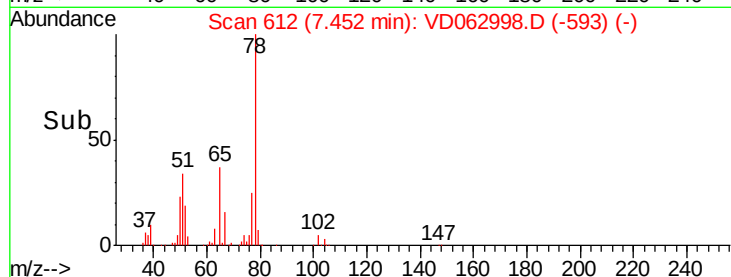
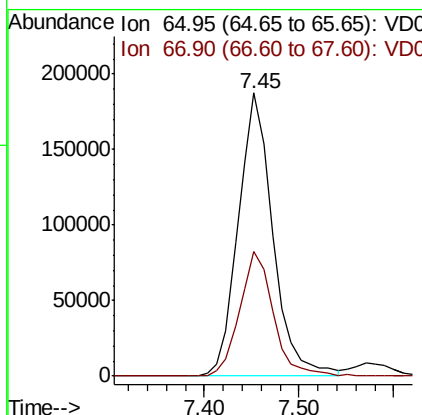
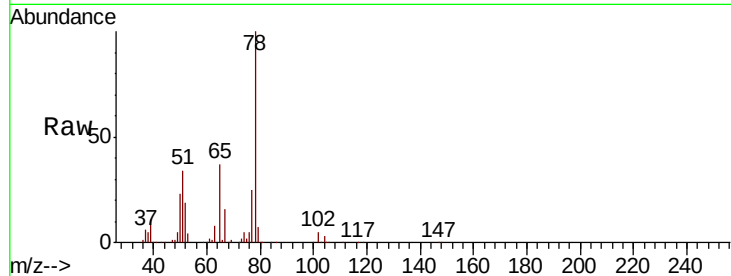




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.201 ug/l  
 RT: 7.45 min Scan# 612  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

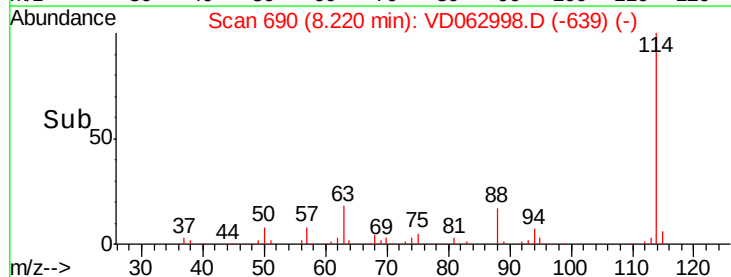
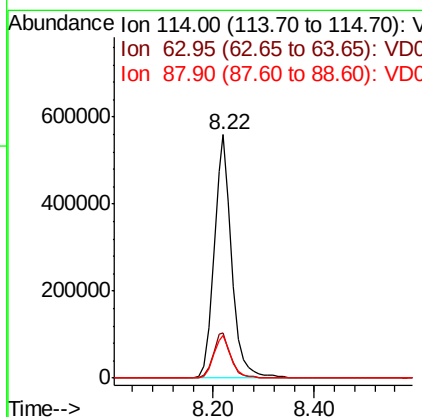
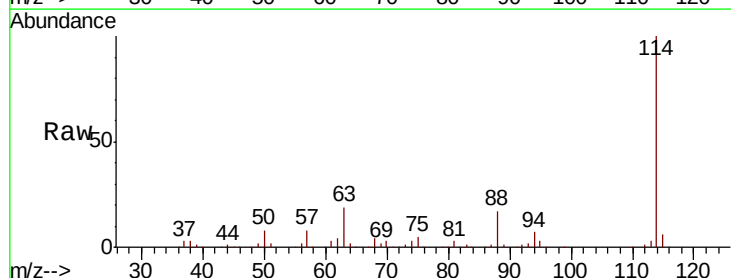
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

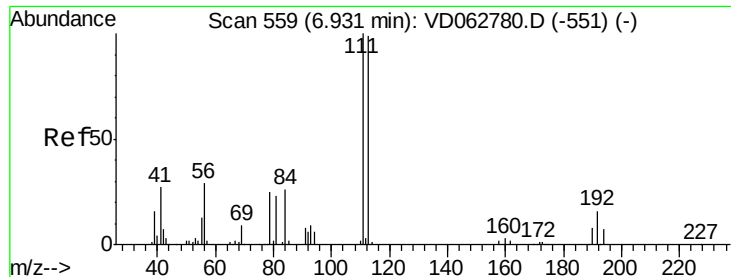
Tot Ion: 65 Resp: 473987  
 Ion Ratio Lower Upper  
 65 100  
 67 43.9 0.0 87.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.22 min Scan# 690  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion: 114 Resp: 1362477  
 Ion Ratio Lower Upper  
 114 100  
 63 18.5 0.0 40.0  
 88 17.3 0.0 38.8

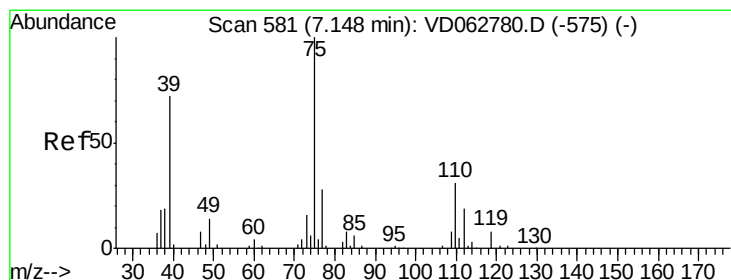
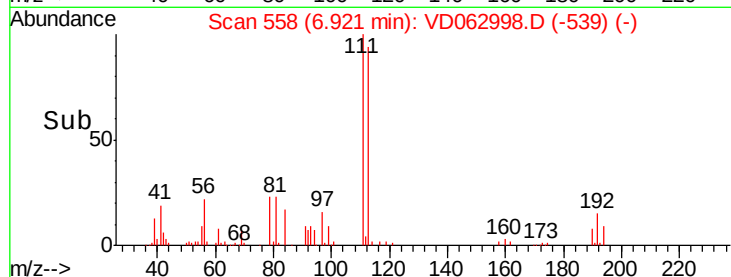
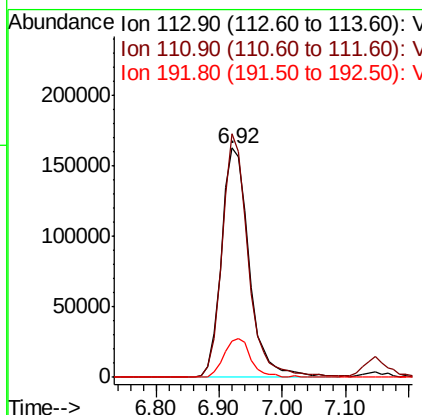
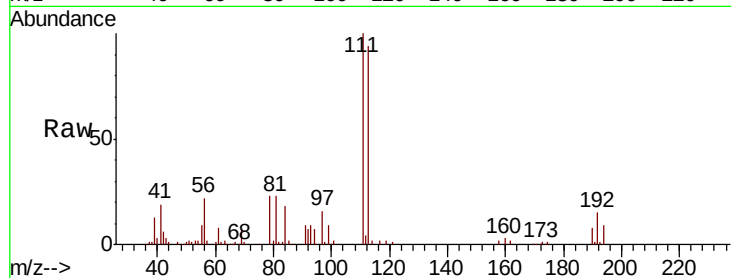




#35  
 Dibromofluoromethane  
 Concen: 43.423 ug/l  
 RT: 6.92 min Scan# 558  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

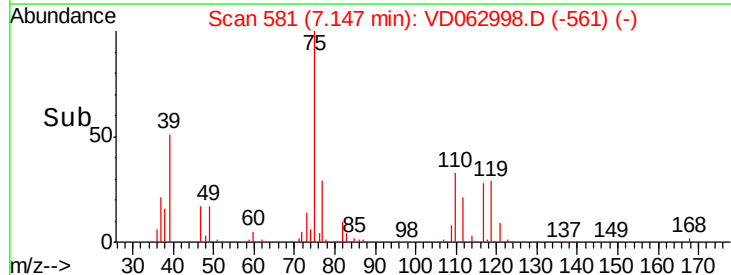
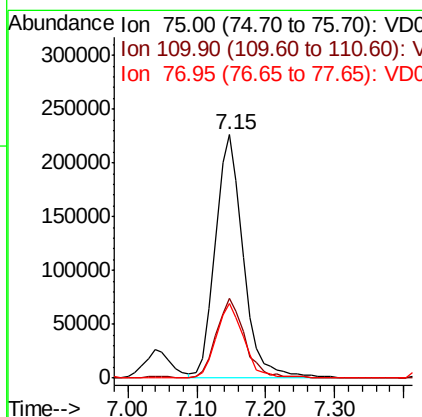
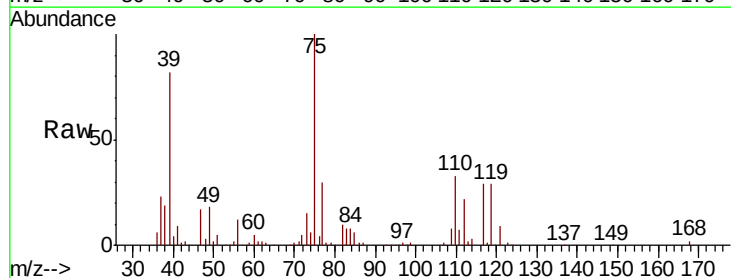
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

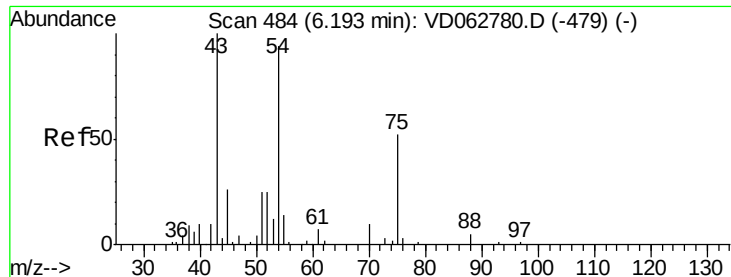
Tot Ion:113 Resp: 498861  
 Ion Ratio Lower Upper  
 113 100  
 111 106.2 81.2 121.8  
 192 15.9 12.9 19.3



#36  
 1,1-Dichloropropene  
 Concen: 48.920 ug/l  
 RT: 7.15 min Scan# 581  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion: 75 Resp: 630960  
 Ion Ratio Lower Upper  
 75 100  
 110 32.9 15.0 45.1  
 77 30.5 22.2 33.2

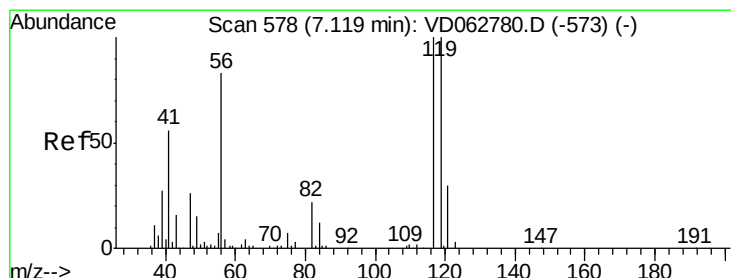
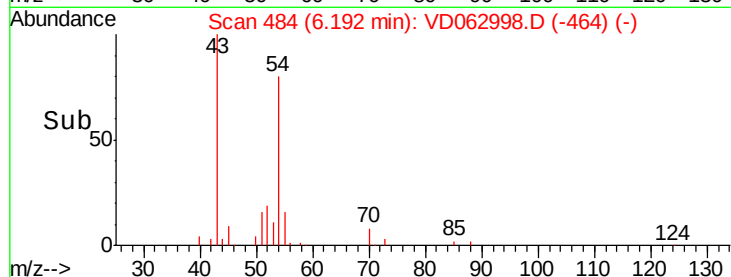
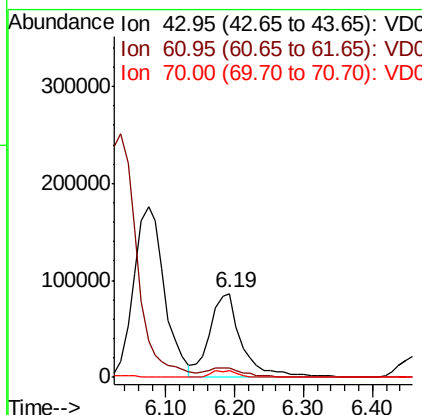
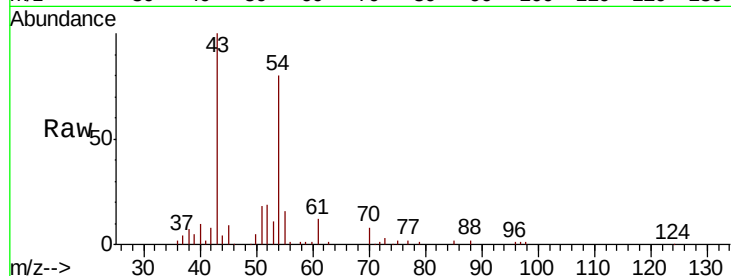




#37  
Ethyl Acetate  
Concen: 49.529 ug/l  
RT: 6.19 min Scan# 484  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

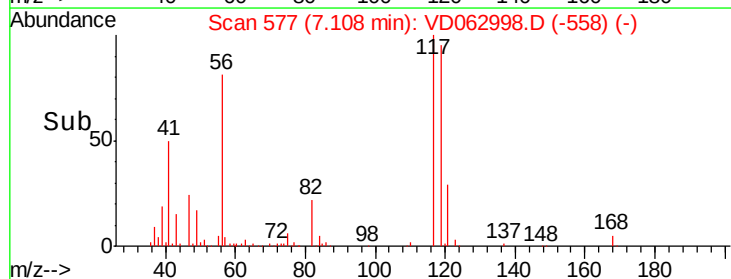
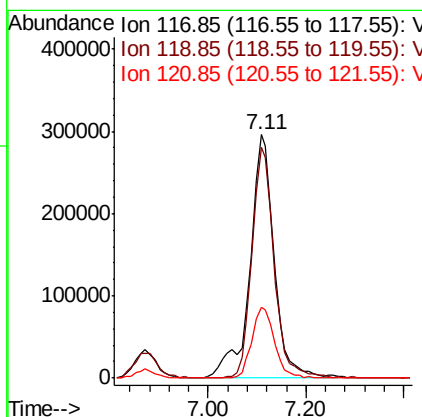
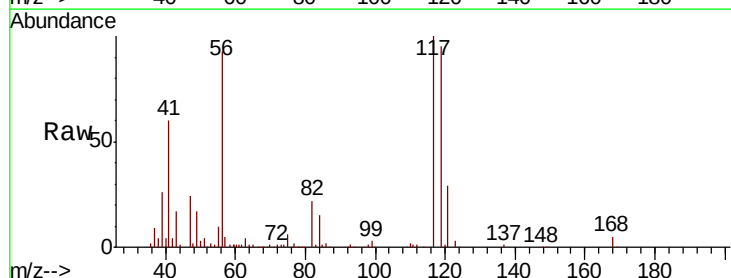
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

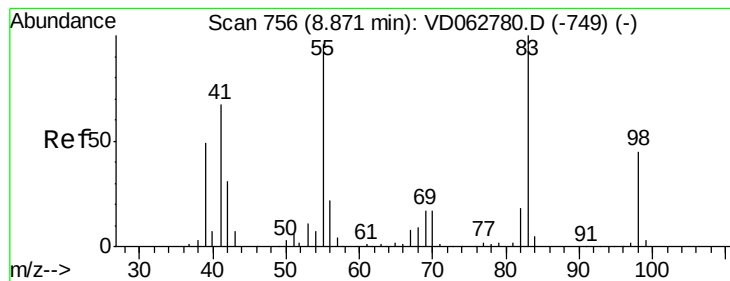
Tot Ion: 43 Resp: 268406  
Ion Ratio Lower Upper  
43 100  
61 11.9 11.6 17.4  
70 8.1 6.4 9.6



#38  
Carbon Tetrachloride  
Concen: 52.886 ug/l  
RT: 7.11 min Scan# 577  
Delta R.T. -0.01 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Tgt Ion: 117 Resp: 1025865  
Ion Ratio Lower Upper  
117 100  
119 94.8 75.4 113.2  
121 29.0 22.3 33.5





#39

Methylvlcyclohexane

Concen: 47.486 ug/l

RT: 8.86 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

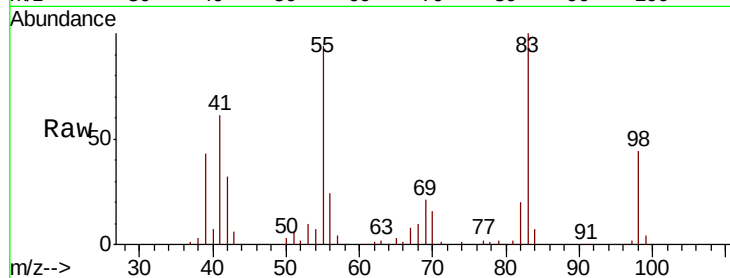
Tot Ion: 83 Resp: 539114

Ion Ratio Lower Upper

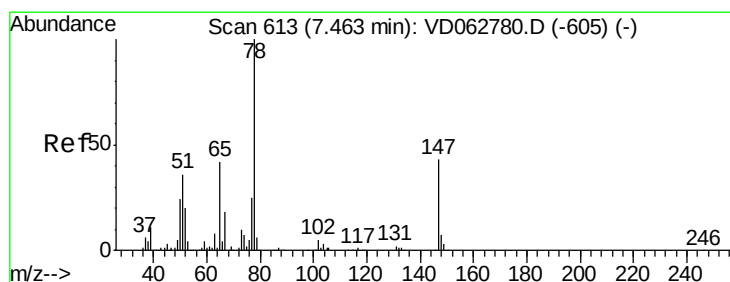
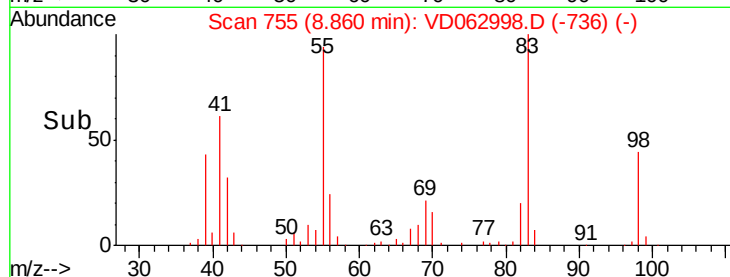
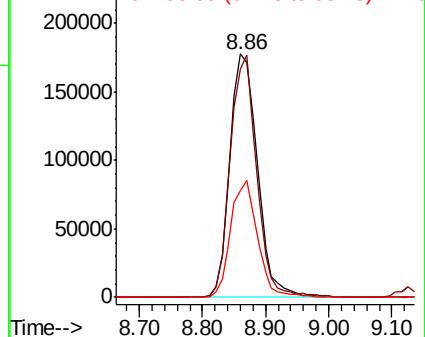
83 100

55 93.6 76.6 115.0

98 43.7 35.7 53.5



Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 54.146 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062998.D

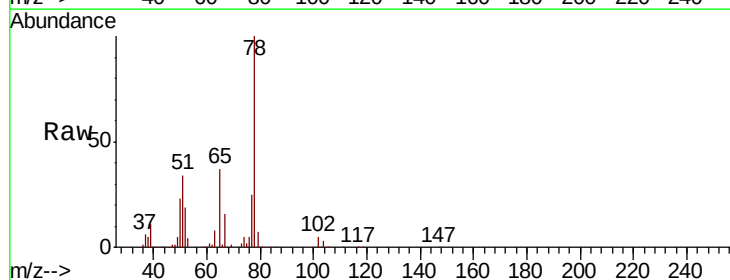
Acq: 1 Jul 2019 18:52

Tgt Ion: 78 Resp: 1401817

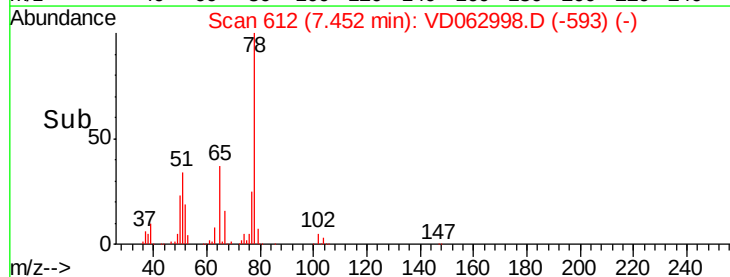
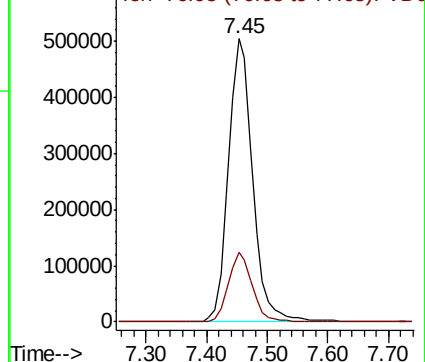
Ion Ratio Lower Upper

78 100

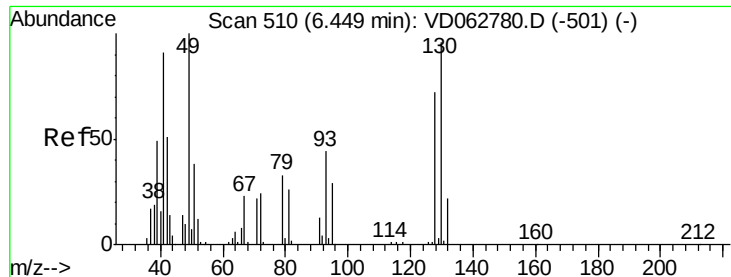
77 24.7 20.2 30.2



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







#41

Methacrylonitrile

Concen: 50.253 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 341808

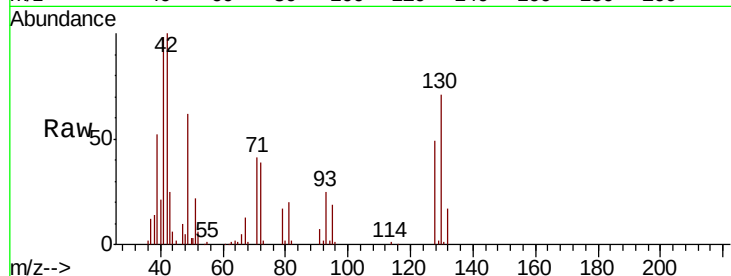
Ion Ratio Lower Upper

41 100

39 53.6 43.2 64.8

67 12.9 19.9 29.9#

52 6.4 10.2 15.4#

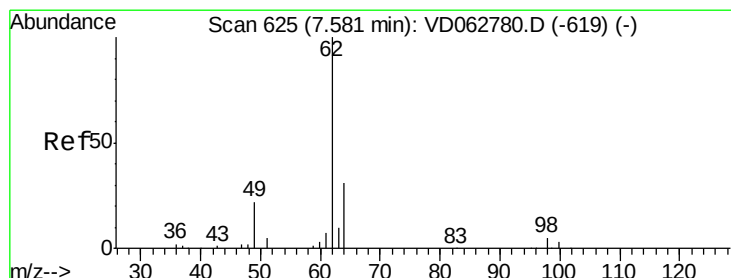
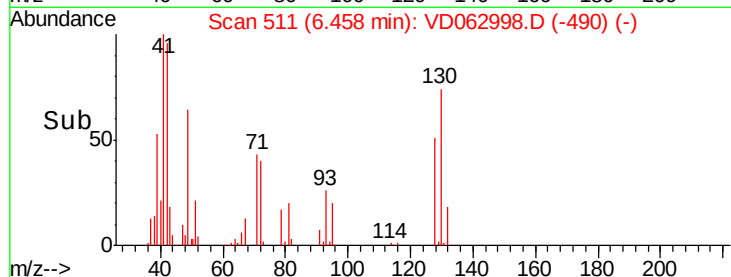
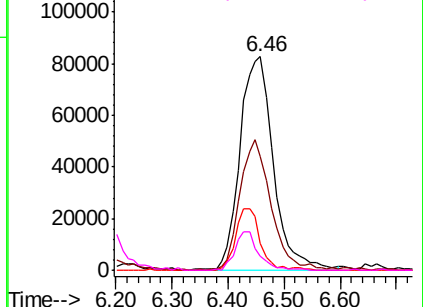


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 50.089 ug/l

RT: 7.58 min Scan# 625

Delta R.T. -0.00 min

Lab File: VD062998.D

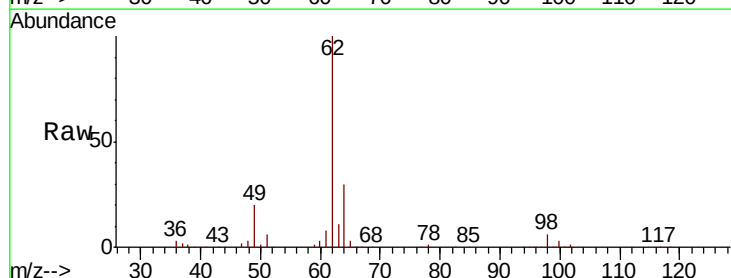
Acq: 1 Jul 2019 18:52

Tgt Ion: 62 Resp: 707426

Ion Ratio Lower Upper

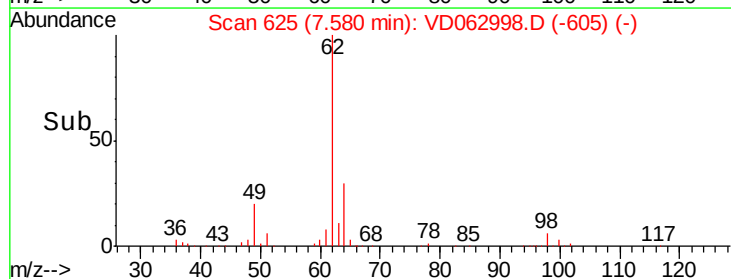
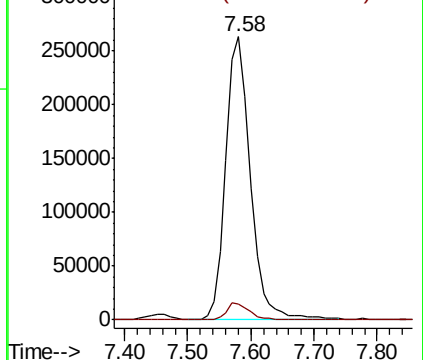
62 100

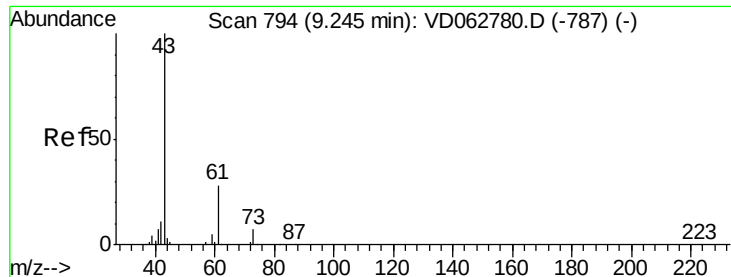
98 5.7 0.0 10.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

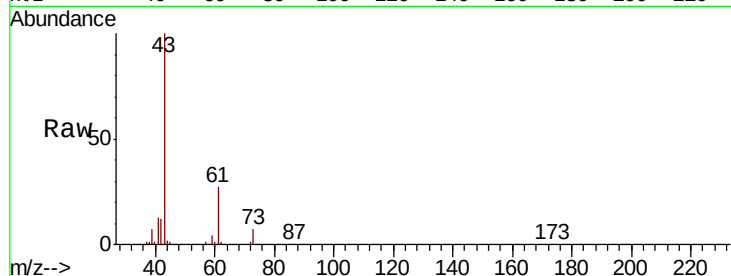




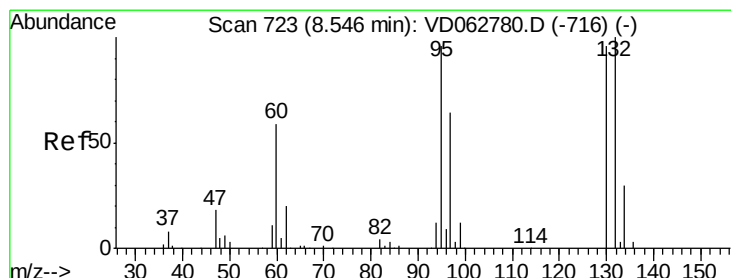
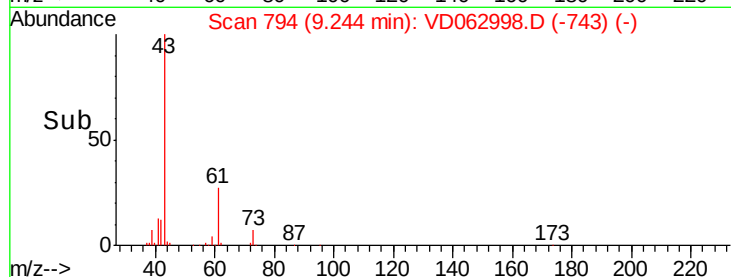
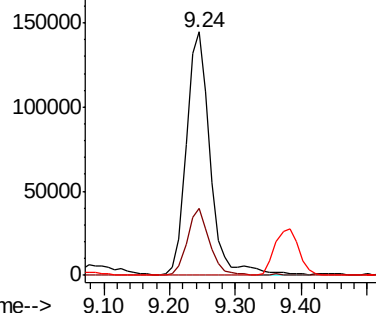
#43  
Isopropyl Acetate  
Concen: 52.655 ug/l  
RT: 9.24 min Scan# 794  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 356043  
Ion Ratio Lower Upper  
43 100  
61 27.5 22.4 33.6  
87 0.4 0.3 0.5

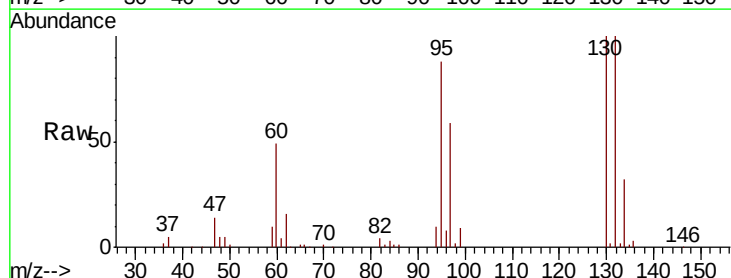


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 87.00 (86.70 to 87.70): VDC

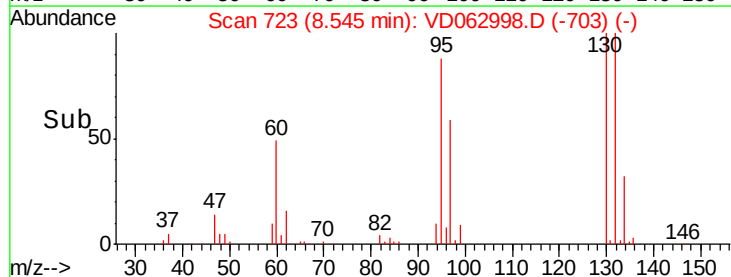
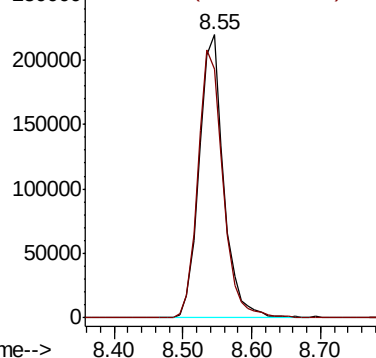


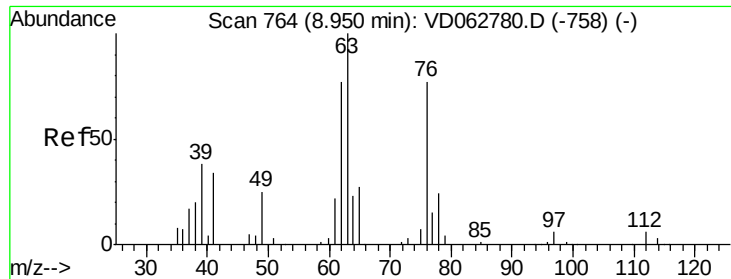
#44  
Trichloroethene  
Concen: 53.053 ug/l  
RT: 8.55 min Scan# 723  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Tgt Ion:130 Resp: 538488  
Ion Ratio Lower Upper  
130 100  
95 87.9 0.0 201.6



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

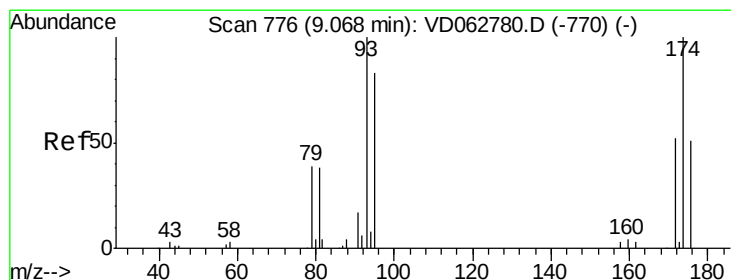
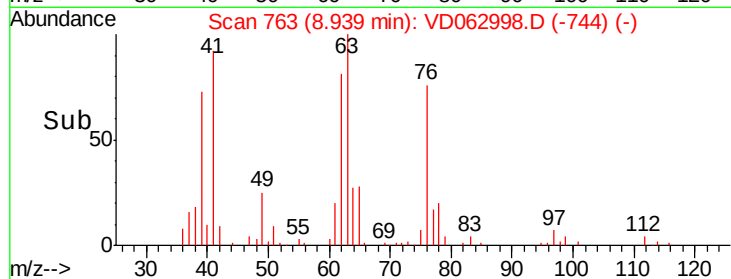
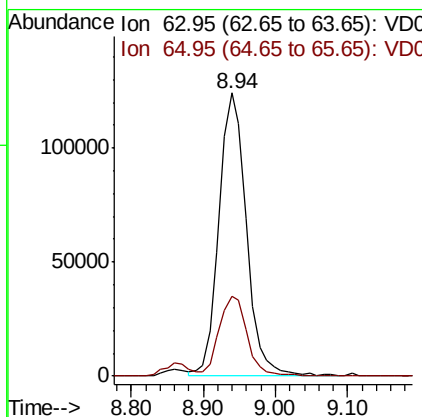
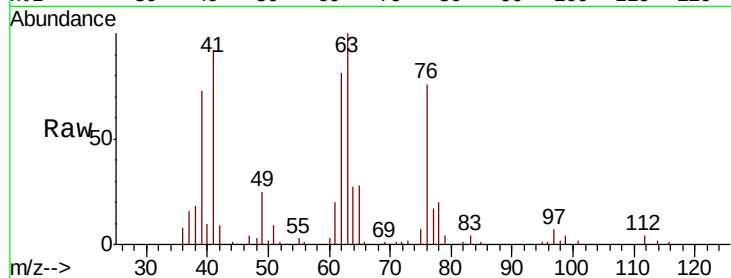




#45  
 1,2-Dichloropropane  
 Concen: 50.827 ug/l  
 RT: 8.94 min Scan# 763  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

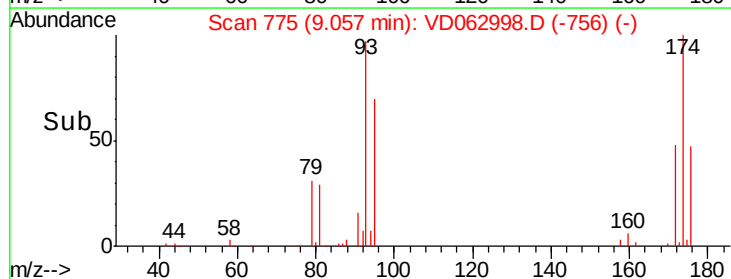
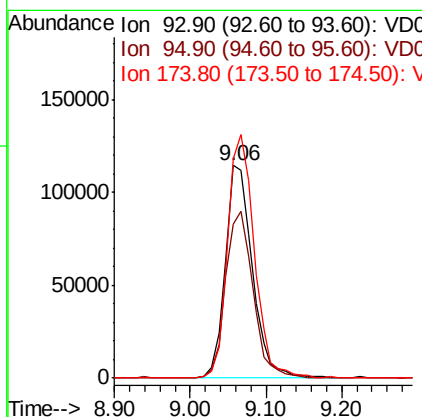
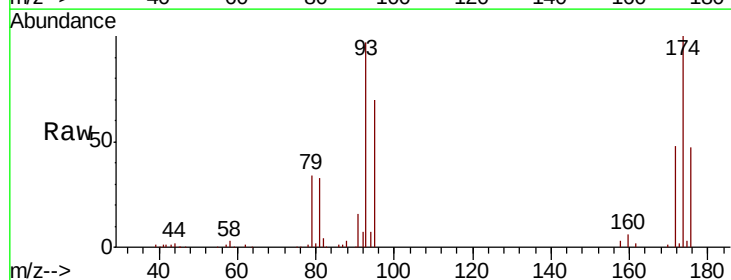
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

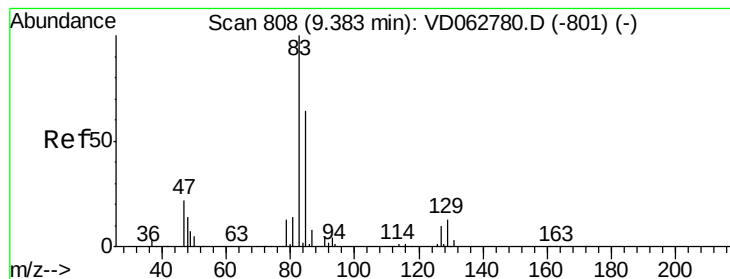
Tot Ion: 63 Resp: 327207  
 Ion Ratio Lower Upper  
 63 100  
 65 28.2 24.2 36.2



#46  
 Dibromomethane  
 Concen: 51.206 ug/l  
 RT: 9.06 min Scan# 775  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion: 93 Resp: 283172  
 Ion Ratio Lower Upper  
 93 100  
 95 72.8 66.6 100.0  
 174 103.4 79.7 119.5





#47

Bromodichloromethane

Concen: 50.189 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

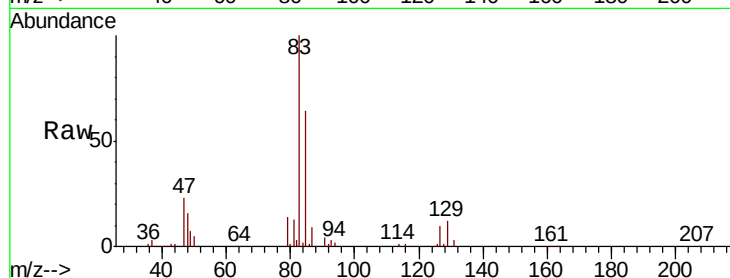
Tot Ion: 83 Resp: 720817

Ion Ratio Lower Upper

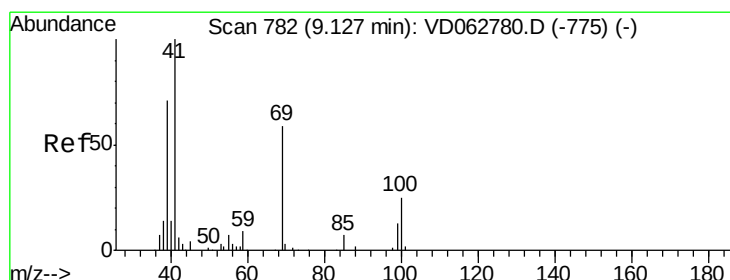
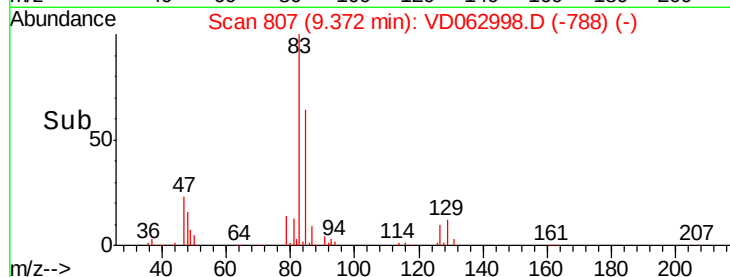
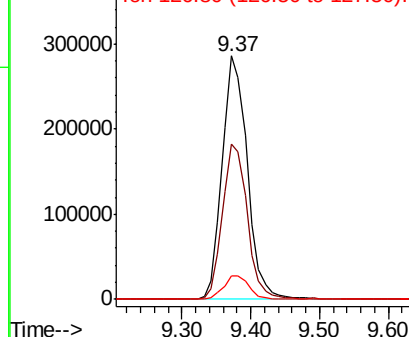
83 100

85 63.7 51.6 77.4

127 9.6 7.8 11.6



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



#48

Methyl methacrylate

Concen: 50.873 ug/l

RT: 9.13 min Scan# 782

Delta R.T. -0.00 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

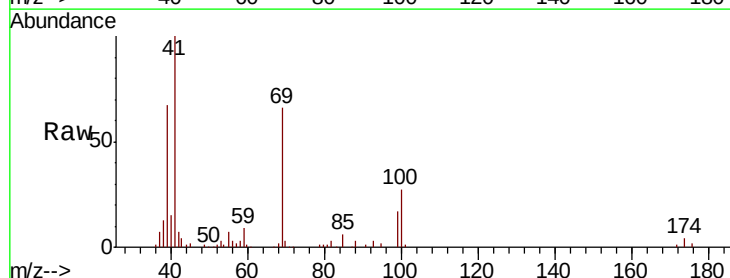
Tgt Ion: 41 Resp: 244452

Ion Ratio Lower Upper

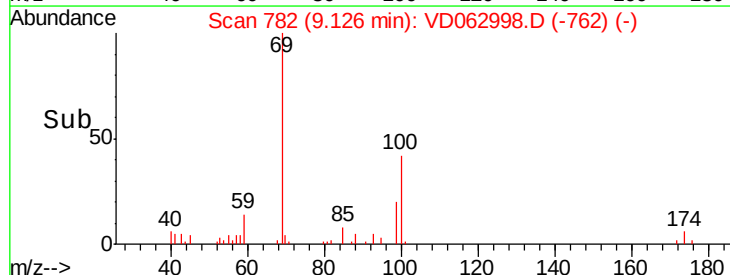
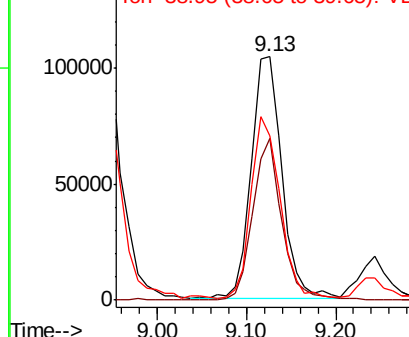
41 100

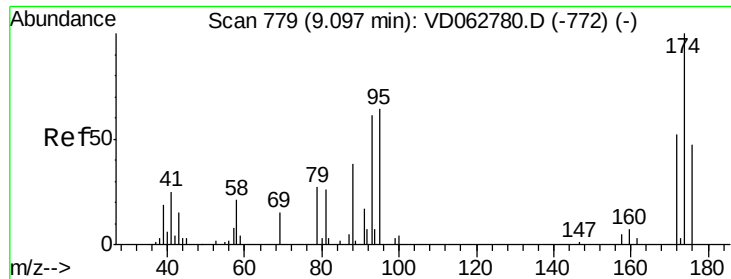
69 66.3 47.2 70.8

39 67.3 57.4 86.2



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

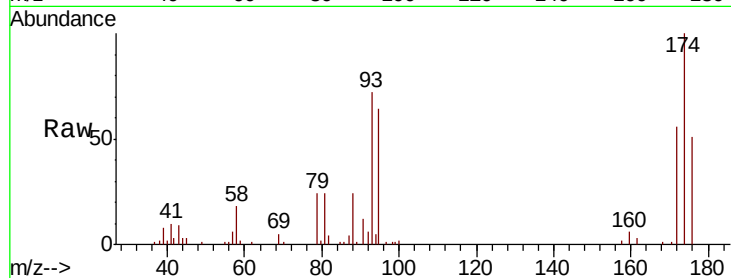




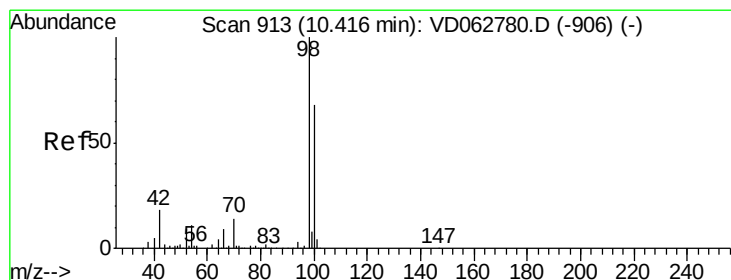
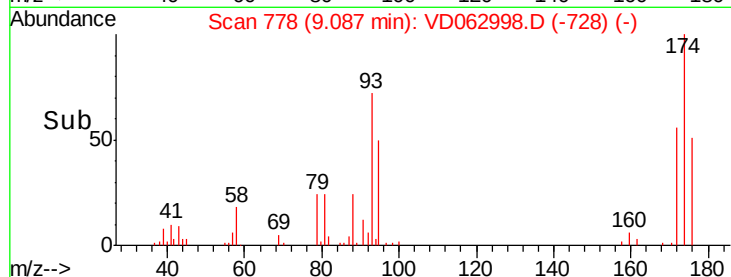
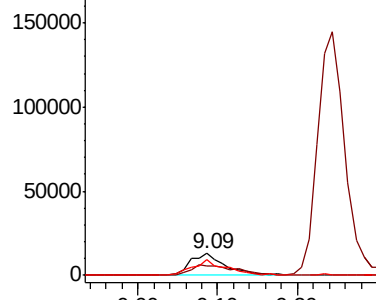
#49  
 1,4-Dioxane  
 Concen: 1004.815 ug/l  
 RT: 9.09 min Scan# 778  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 88 Resp: 40170  
 Ion Ratio Lower Upper  
 88 100  
 43 40.2 32.1 48.1  
 58 75.0 44.1 66.1#

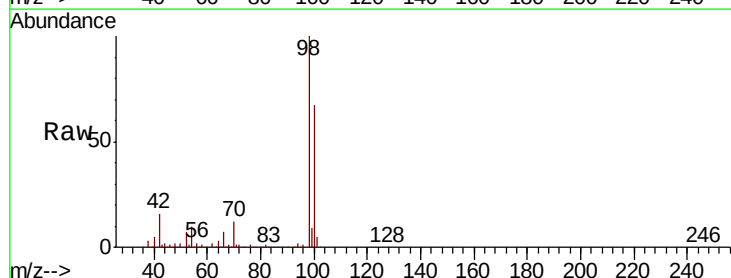


Abundance Ion 88.00 (87.70 to 88.70): VDC  
 Ion 43.05 (42.75 to 43.75): VDC  
 Ion 57.95 (57.65 to 58.65): VDC

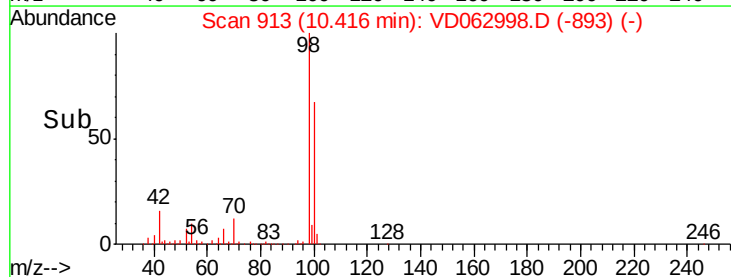
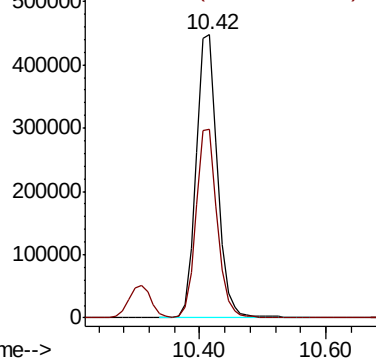


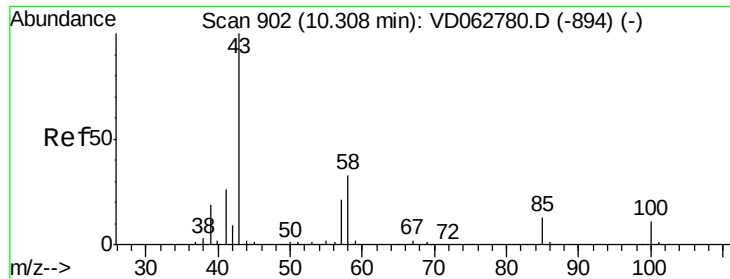
#50  
 Toluene-d8  
 Concen: 41.715 ug/l  
 RT: 10.42 min Scan# 913  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion: 98 Resp: 1043030  
 Ion Ratio Lower Upper  
 98 100  
 100 66.8 54.7 82.1



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





#51

4-Methyl-2-Pentanone

Concen: 252.236 ug/l

RT: 10.31 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

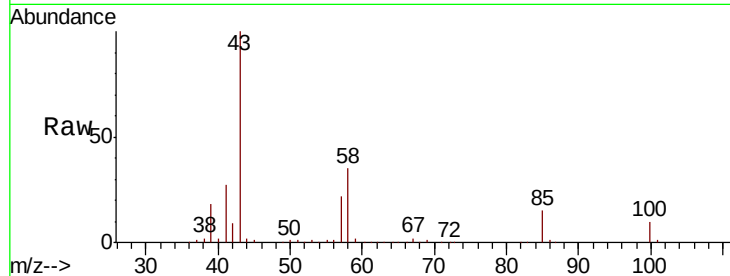
VSTDCCC050EC

Tot Ion: 43 Resp: 1209250

Ion Ratio Lower Upper

43 100

58 34.8 26.6 40.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.31

500000

400000

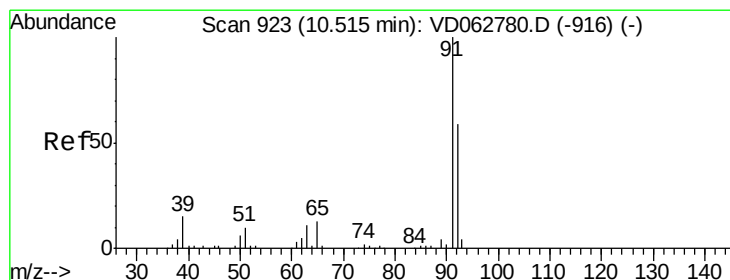
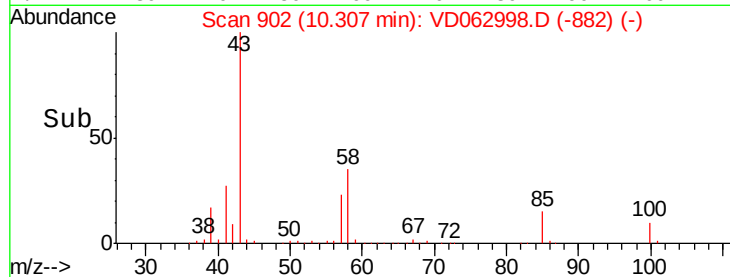
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.180 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: VD062998.D

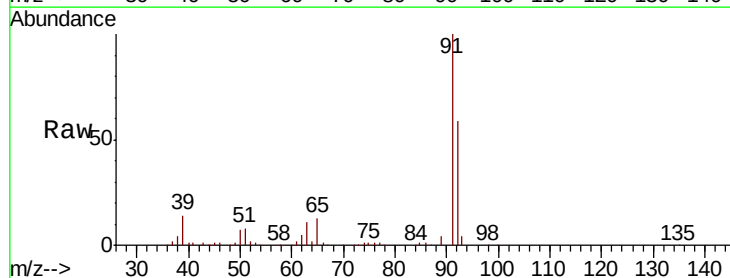
Acq: 1 Jul 2019 18:52

Tgt Ion: 92 Resp: 890690

Ion Ratio Lower Upper

92 100

91 168.4 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

800000

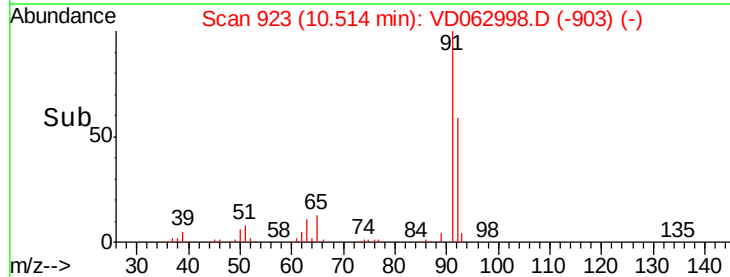
600000

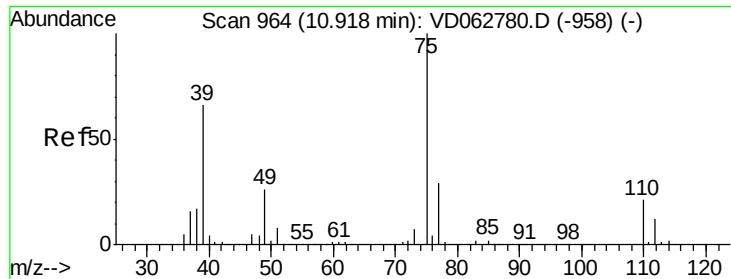
400000

200000

0

Time-->

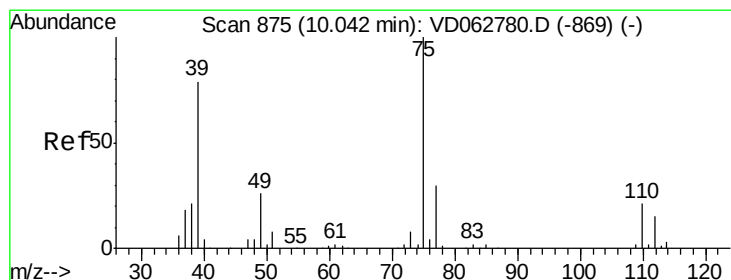
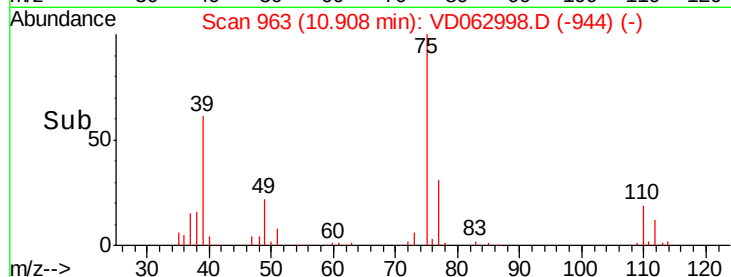
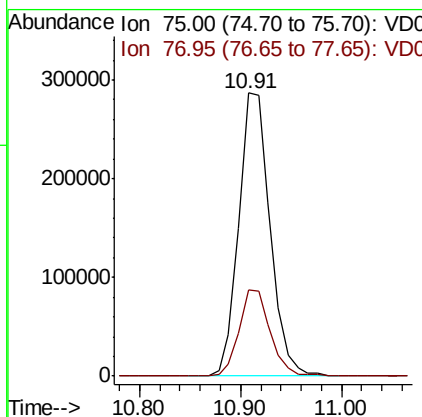
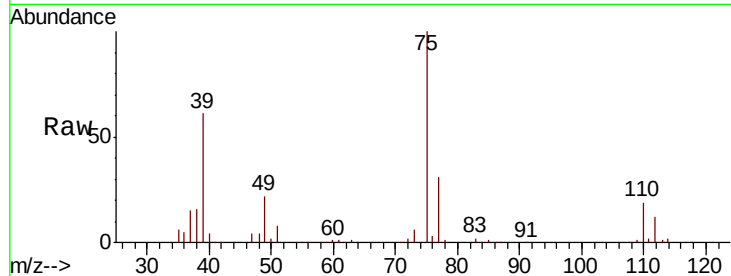




#53  
 t-1,3-Dichloropropene  
 Concen: 52.814 ug/l  
 RT: 10.91 min Scan# 963  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

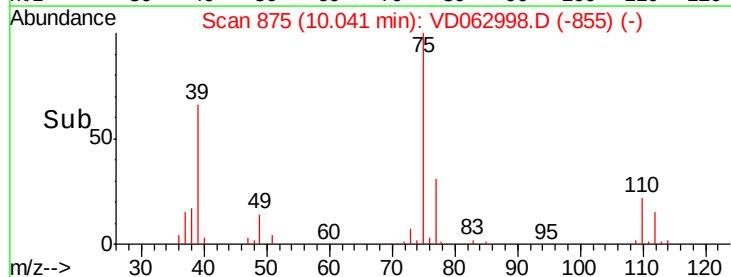
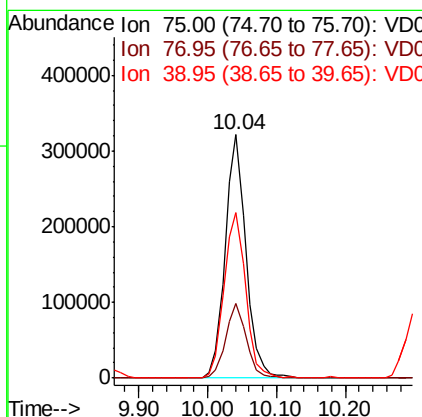
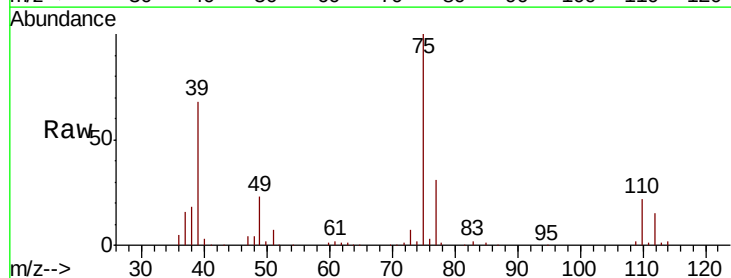
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

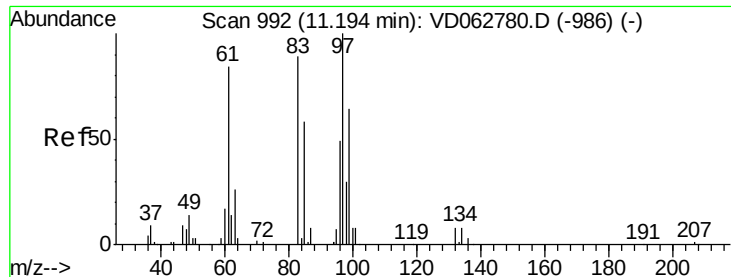
Tot Ion: 75 Resp: 620842  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 23.2 34.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.595 ug/l  
 RT: 10.04 min Scan# 875  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion: 75 Resp: 671998  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 24.2 36.2  
 39 68.2 63.5 95.3

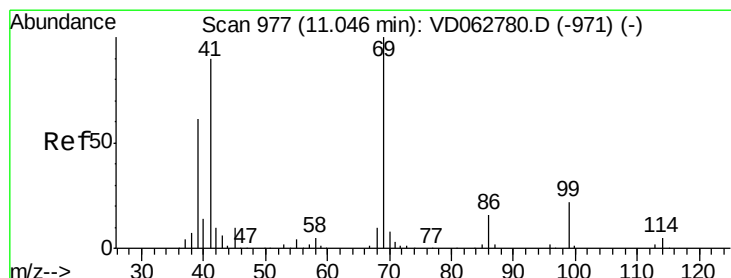
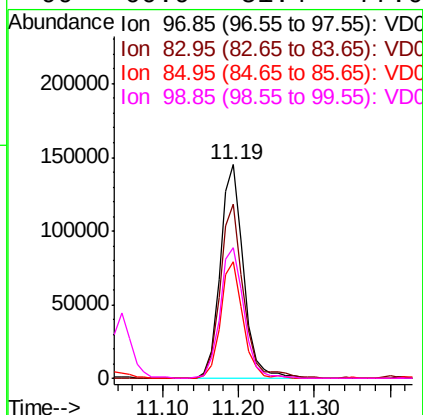
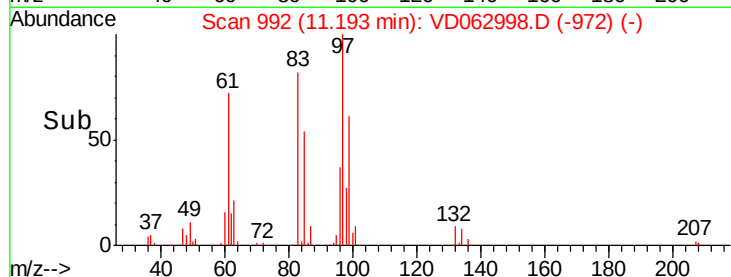
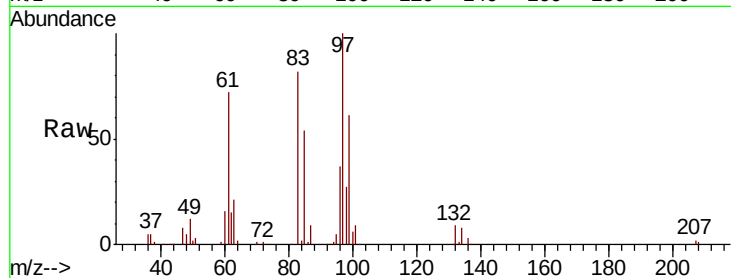




#55  
 1,1,2-Trichloroethane  
 Concen: 51.480 ug/l  
 RT: 11.19 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

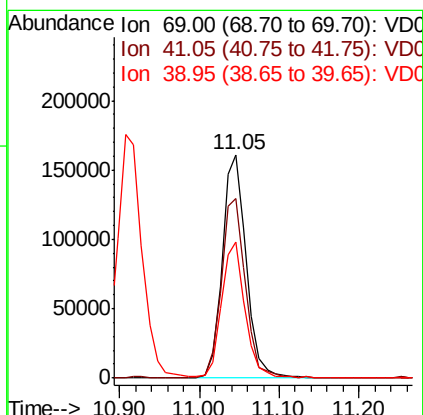
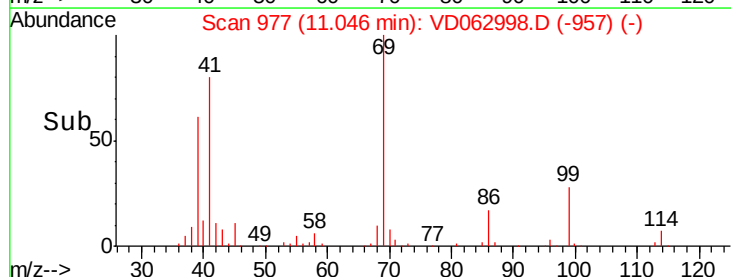
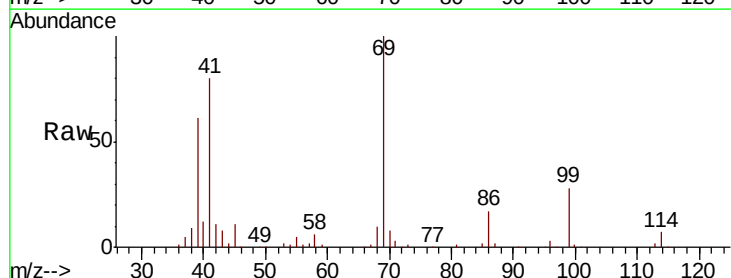
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 307801 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 81.7  | 71.0  | 106.4  |
| 85       | 54.4  | 46.6  | 69.8   |
| 99       | 60.9  | 51.4  | 77.0   |

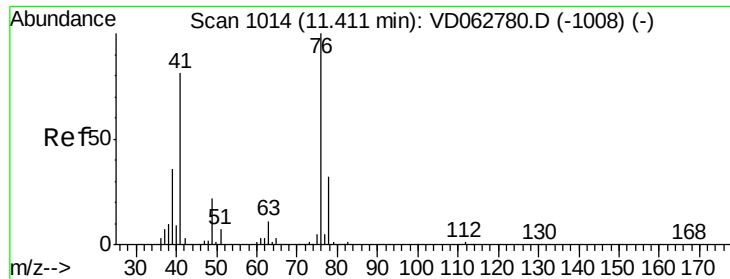


#56  
 Ethyl methacrylate  
 Concen: 53.157 ug/l  
 RT: 11.05 min Scan# 977  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 339660 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 80.4  | 72.0  | 108.0  |
| 39       | 61.1  | 49.5  | 74.3   |



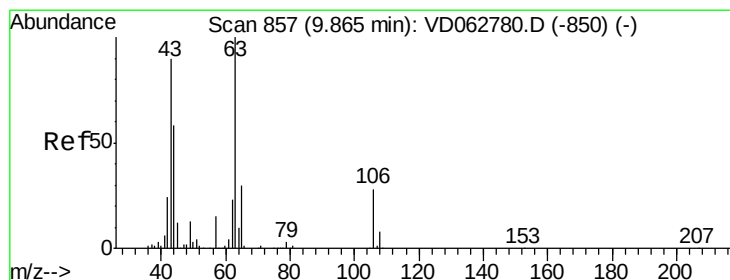
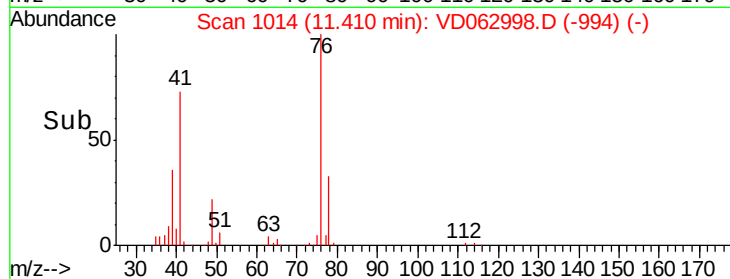
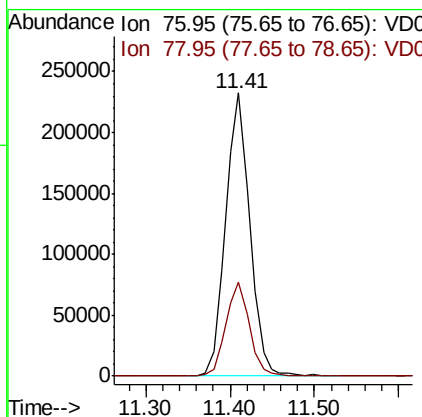
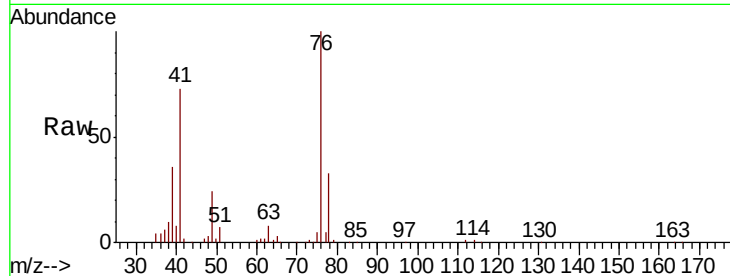




#57  
 1,3-Dichloropropane  
 Concen: 50.534 ug/l  
 RT: 11.41 min Scan# 1014  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

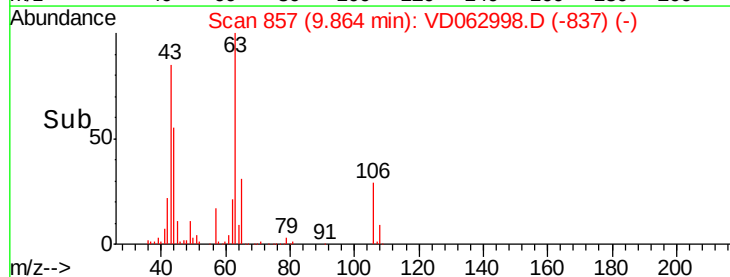
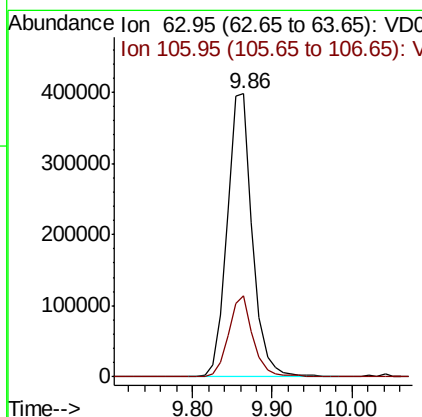
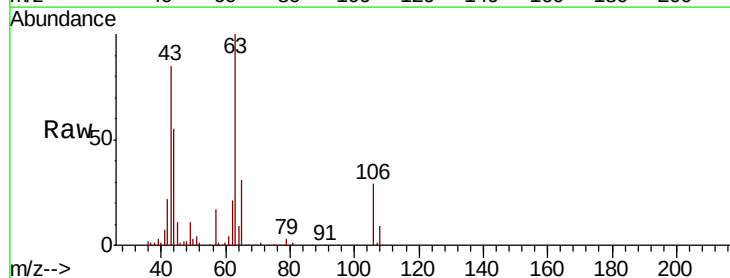
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

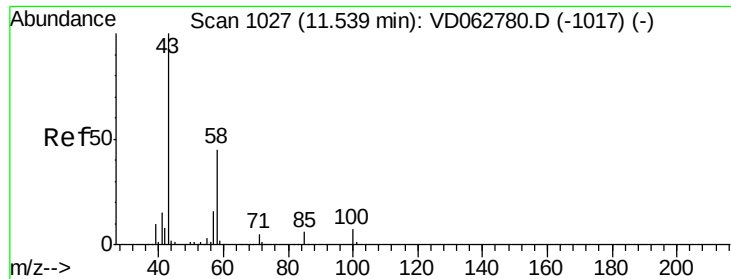
Tot Ion: 76 Resp: 462637  
 Ion Ratio Lower Upper  
 76 100  
 78 33.2 25.4 38.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 269.022 ug/l  
 RT: 9.86 min Scan# 857  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion: 63 Resp: 882499  
 Ion Ratio Lower Upper  
 63 100  
 106 28.6 22.1 33.1

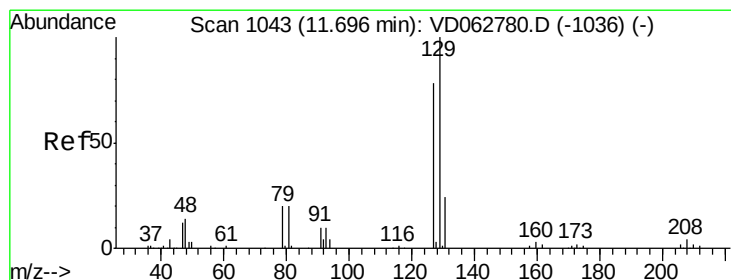
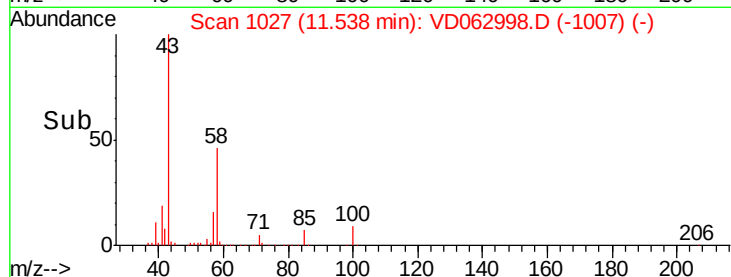
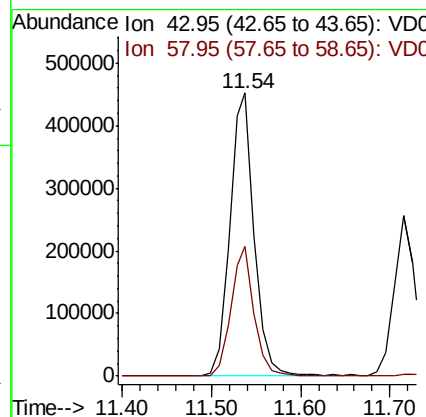
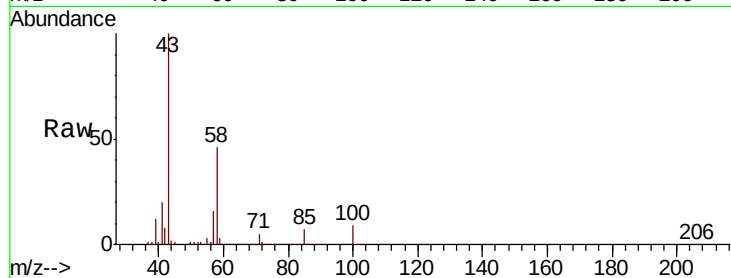




#59  
2-Hexanone  
Concen: 253.264 ug/l  
RT: 11.54 min Scan# 1027  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

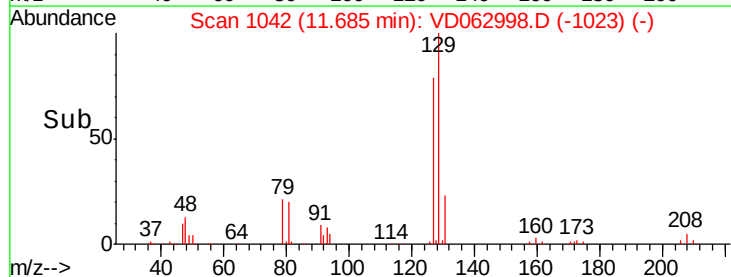
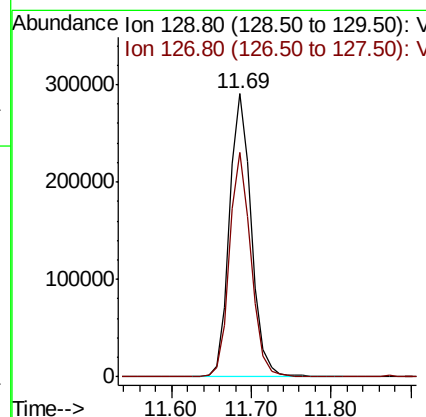
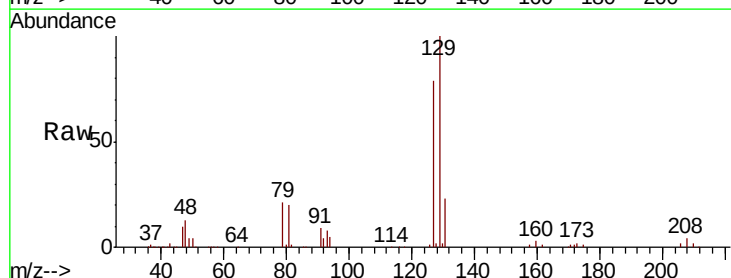
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

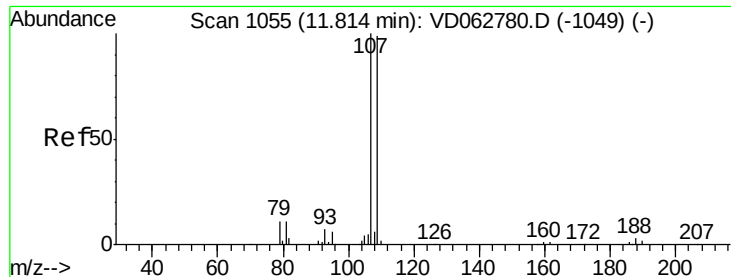
Tot Ion: 43 Resp: 864726  
Ion Ratio Lower Upper  
43 100  
58 45.7 22.4 67.2



#60  
Dibromochloromethane  
Concen: 50.571 ug/l  
RT: 11.69 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Tgt Ion: 129 Resp: 563198  
Ion Ratio Lower Upper  
129 100  
127 79.3 38.9 116.6

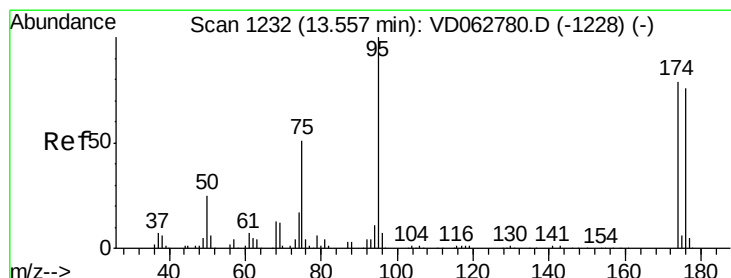
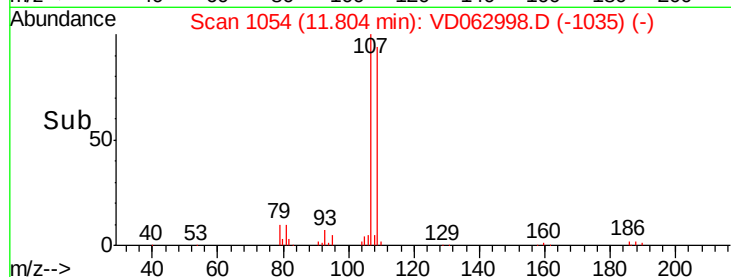
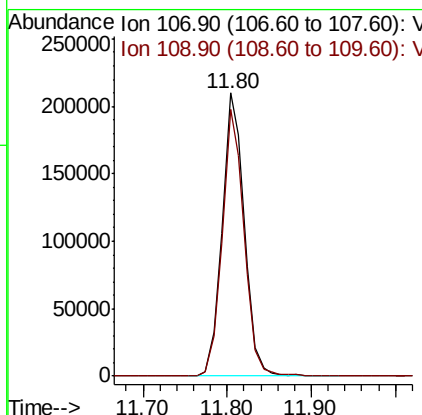
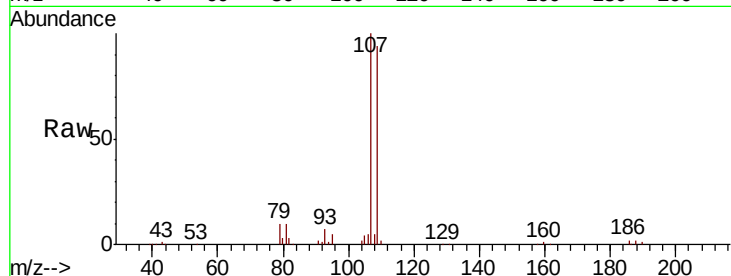




#61  
 1,2-Dibromoethane  
 Concen: 53.936 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

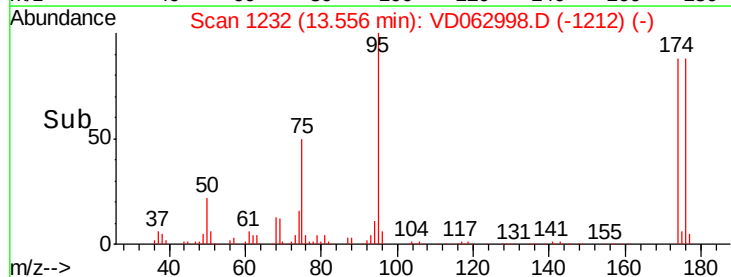
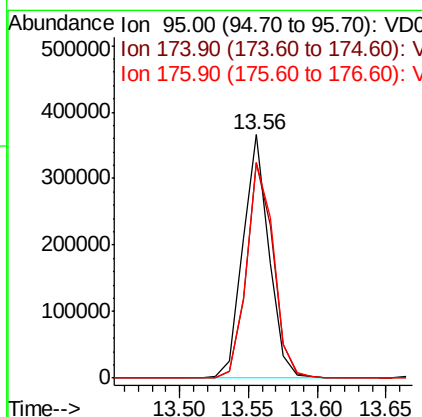
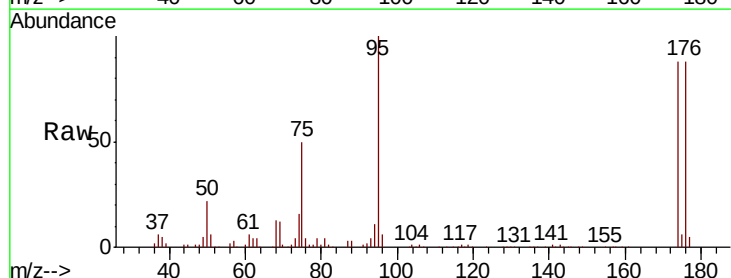
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

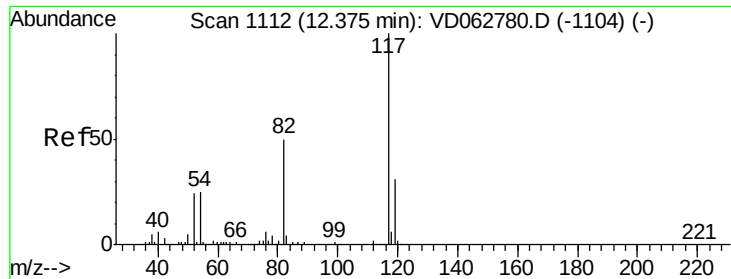
Tot Ion:107 Resp: 380873  
 Ion Ratio Lower Upper  
 107 100  
 109 94.0 79.3 118.9



#62  
 4-Bromofluorobenzene  
 Concen: 42.407 ug/l  
 RT: 13.56 min Scan# 1232  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion: 95 Resp: 482146  
 Ion Ratio Lower Upper  
 95 100  
 174 88.3 0.0 158.0  
 176 88.5 0.0 151.6

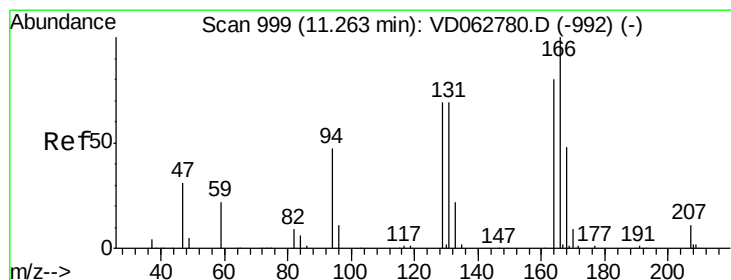
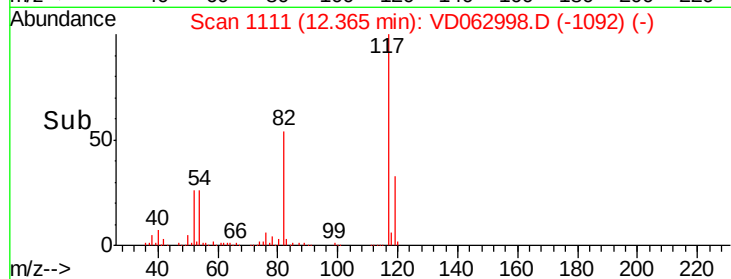
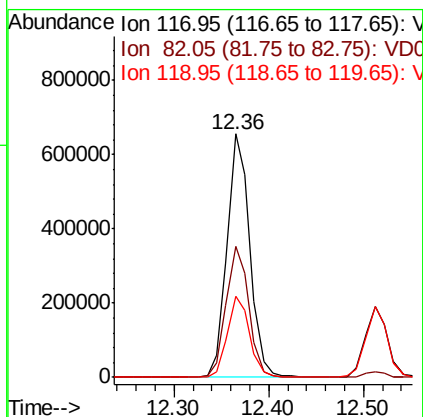
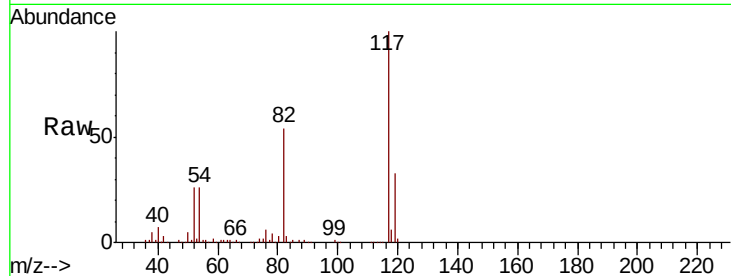




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. -0.01 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

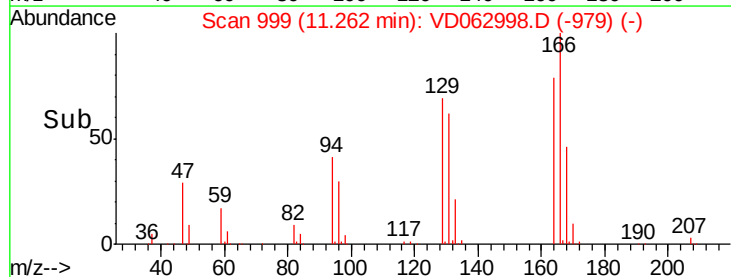
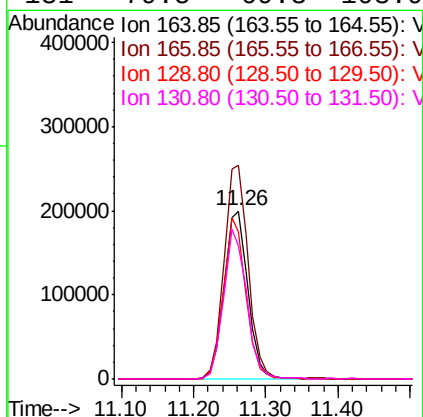
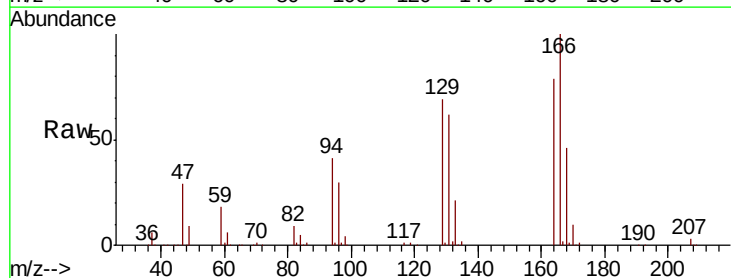
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

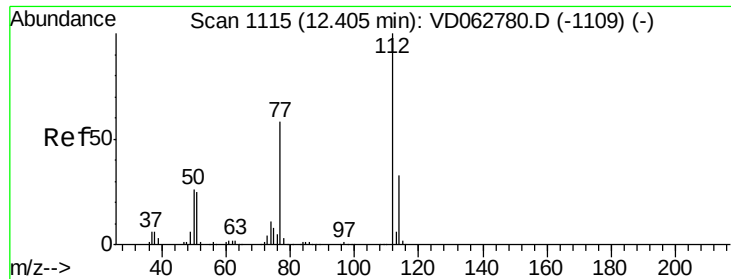
Tot Ion:117 Resp: 1092176  
Ion Ratio Lower Upper  
117 100  
82 53.8 40.4 60.6  
119 33.1 25.2 37.8



#64  
Tetrachloroethene  
Concen: 50.872 ug/l  
RT: 11.26 min Scan# 999  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Tgt Ion:164 Resp: 457279  
Ion Ratio Lower Upper  
164 100  
166 127.4 100.6 150.8  
129 87.8 69.4 104.0  
131 79.5 69.3 103.9

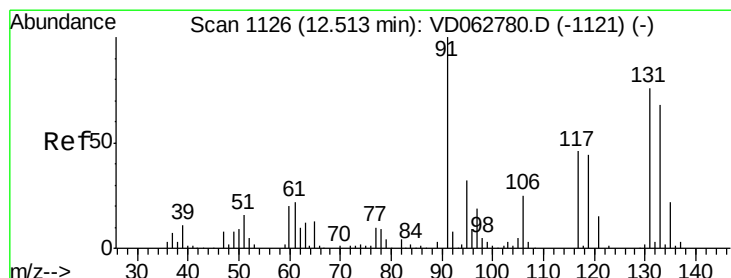
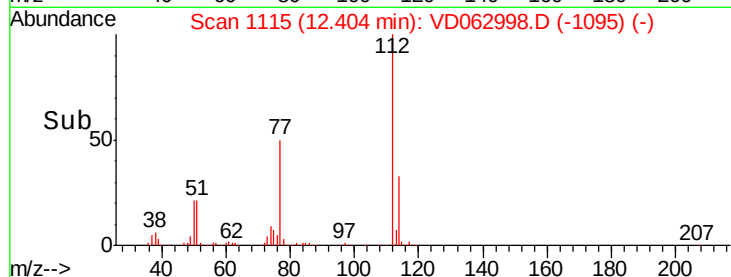
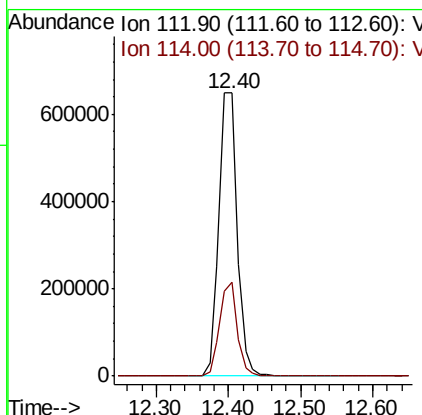
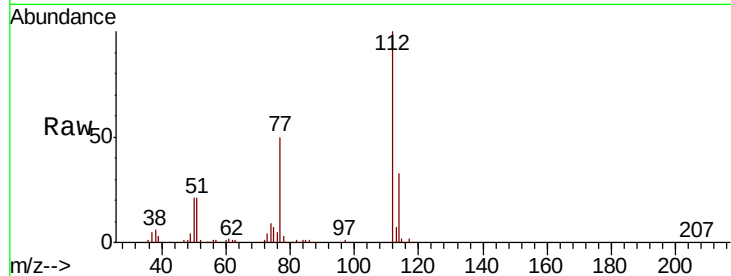




#65  
Chlorobenzene  
Concen: 56.119 ug/l  
RT: 12.40 min Scan# 1115  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

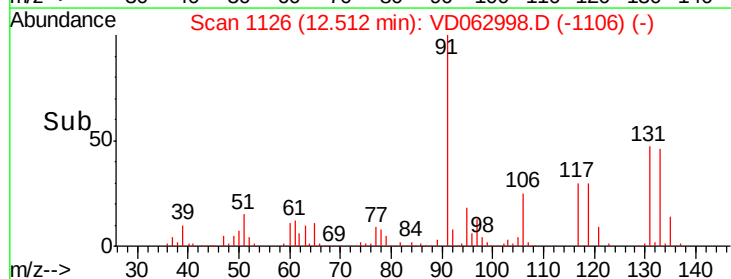
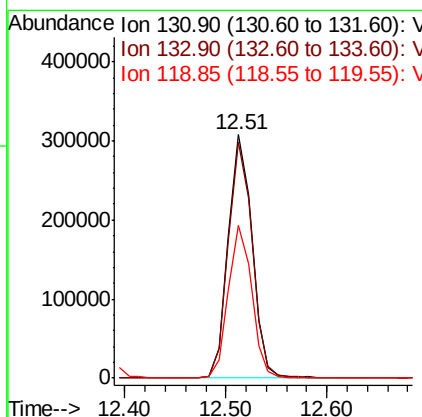
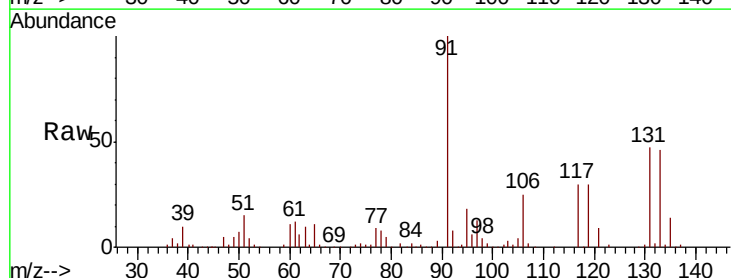
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

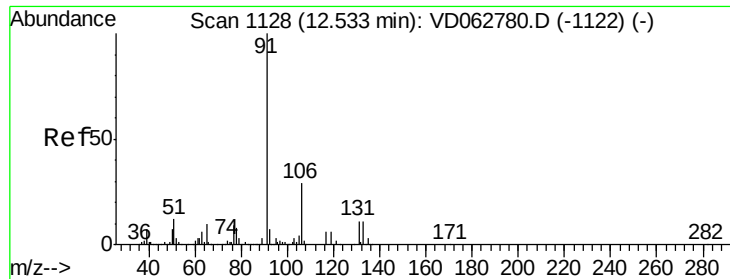
Tot Ion:112 Resp: 1137515  
Ion Ratio Lower Upper  
112 100  
114 33.1 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.170 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Tgt Ion:131 Resp: 504009  
Ion Ratio Lower Upper  
131 100  
133 96.9 44.5 133.3  
119 62.5 28.6 85.9

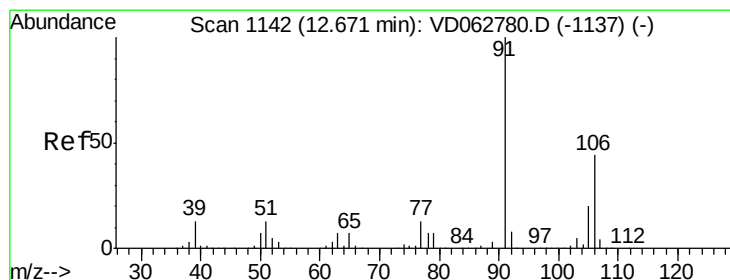
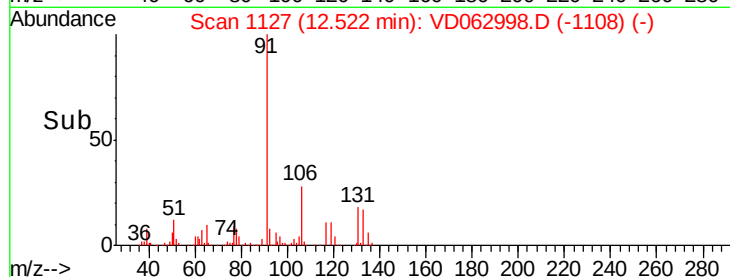
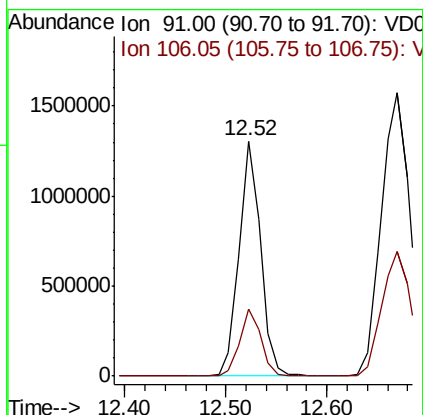
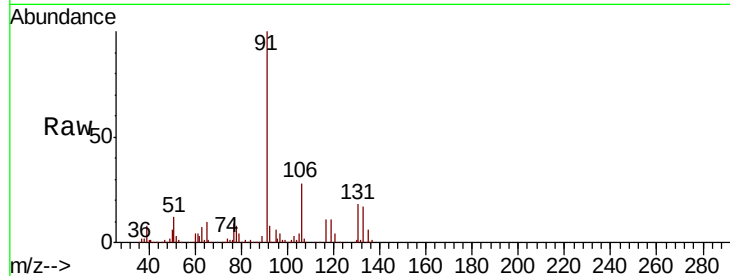




#67  
Ethyl Benzene  
Concen: 53.131 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. -0.01 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

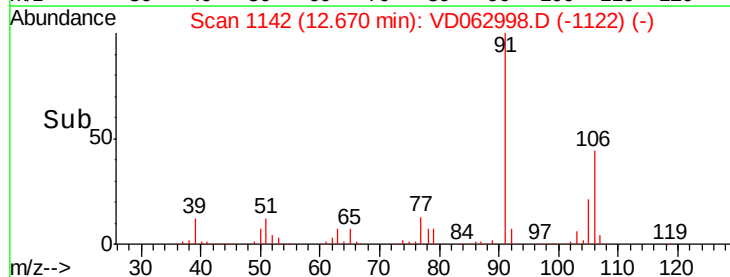
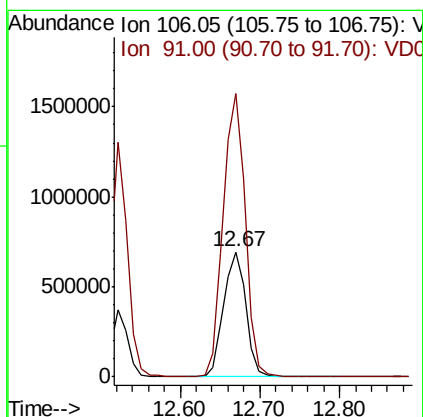
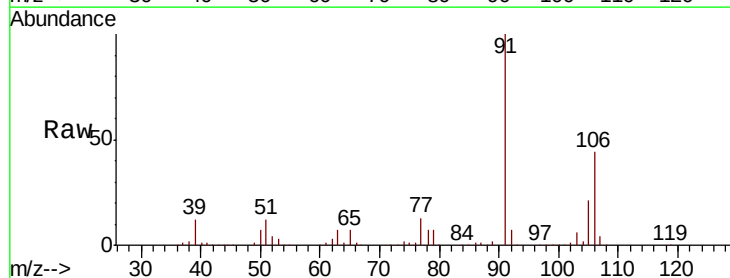
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

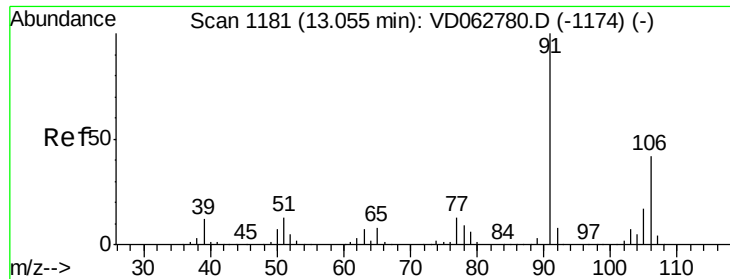
Tot Ion: 91 Resp: 1933537  
Ion Ratio Lower Upper  
91 100  
106 28.4 23.1 34.7



#68  
m/p-Xylenes  
Concen: 108.402 ug/l  
RT: 12.67 min Scan# 1142  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Tgt Ion: 106 Resp: 1373985  
Ion Ratio Lower Upper  
106 100  
91 227.1 183.0 274.6

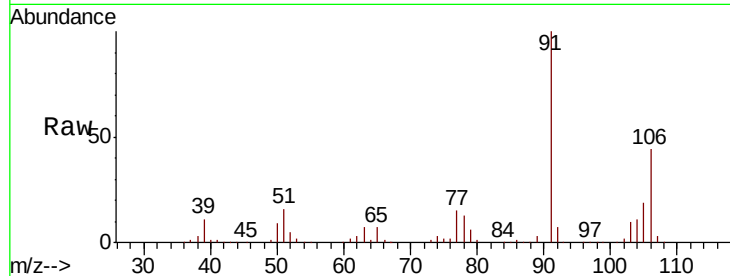




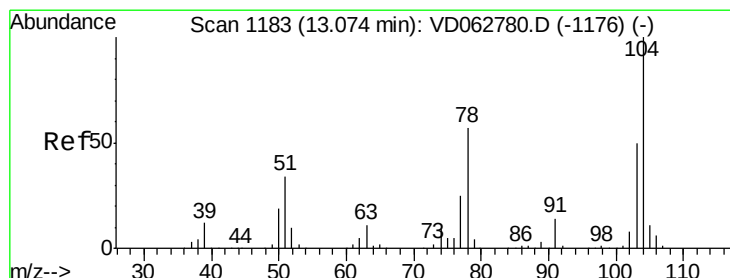
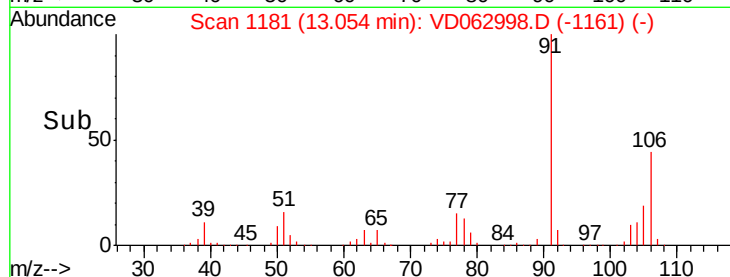
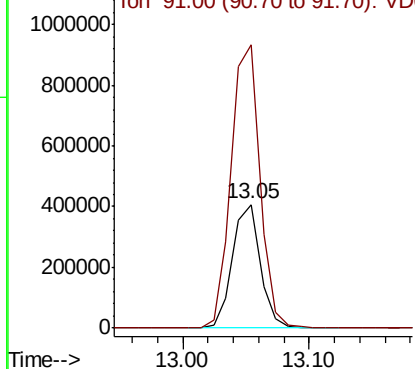
#69  
o-Xylene  
Concen: 53.350 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 618153  
Ion Ratio Lower Upper  
106 100  
91 228.4 117.9 353.6

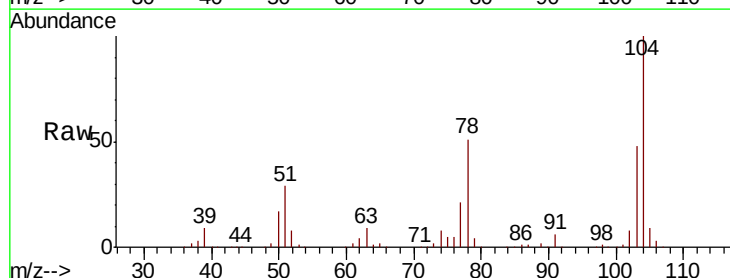


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

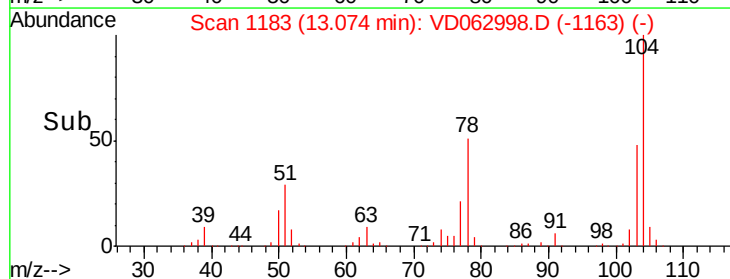
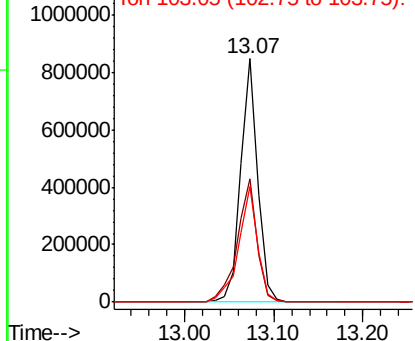


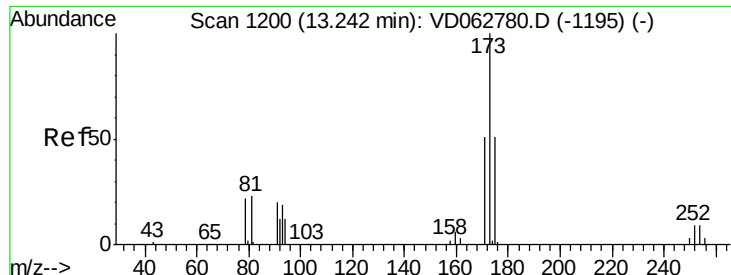
#70  
Styrene  
Concen: 55.468 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Tgt Ion:104 Resp: 1128867  
Ion Ratio Lower Upper  
104 100  
78 50.6 45.4 68.2  
103 47.6 39.7 59.5



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





#71

Bromoform

Concen: 53.682 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

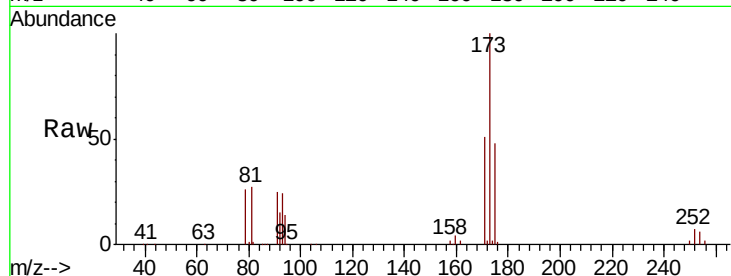
Tot Ion:173 Resp: 348644

Ion Ratio Lower Upper

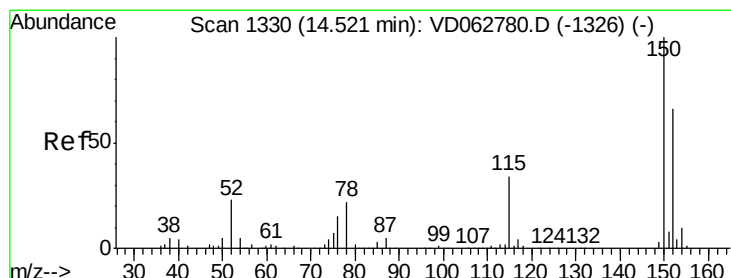
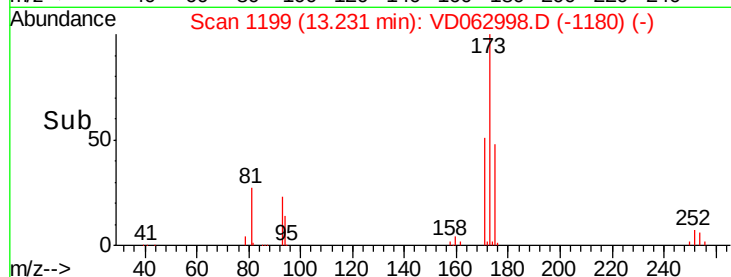
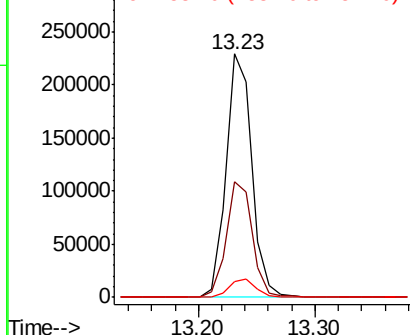
173 100

175 47.7 25.3 75.9

254 6.4 7.1 10.7#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

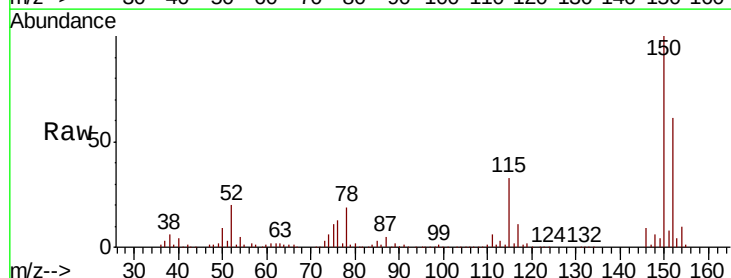
Tgt Ion:152 Resp: 574941

Ion Ratio Lower Upper

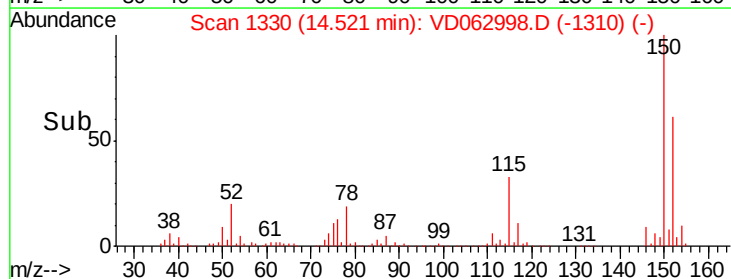
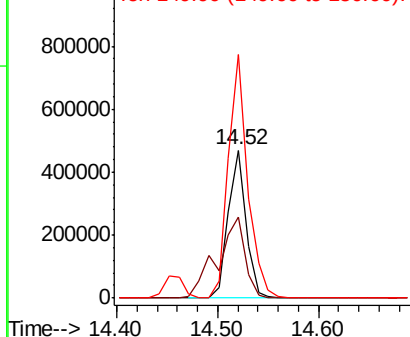
152 100

115 54.7 29.2 87.6

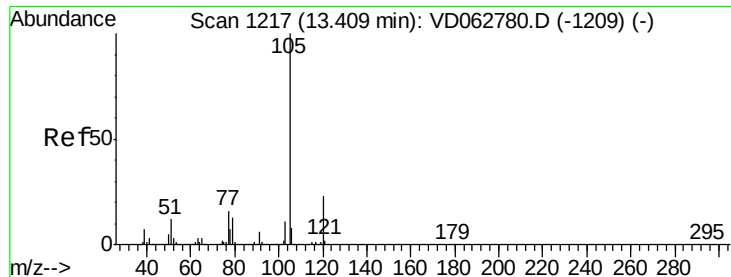
150 164.3 0.0 305.8



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: 54.186 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

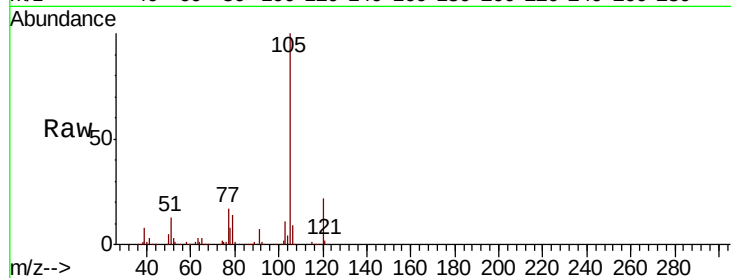
VSTDCCC050EC

Tot Ion:105 Resp: 1997526

Ion Ratio Lower Upper

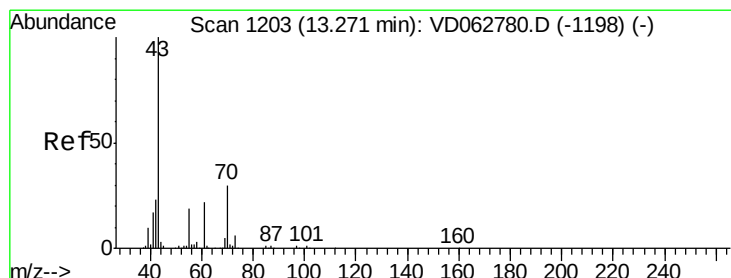
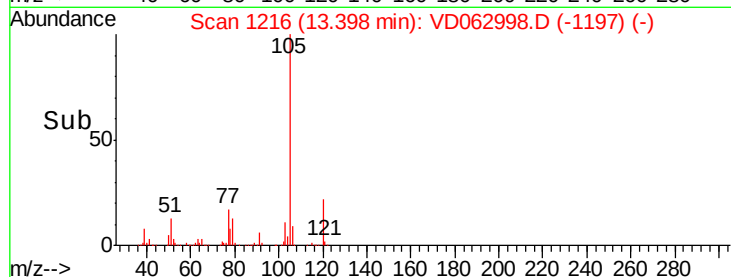
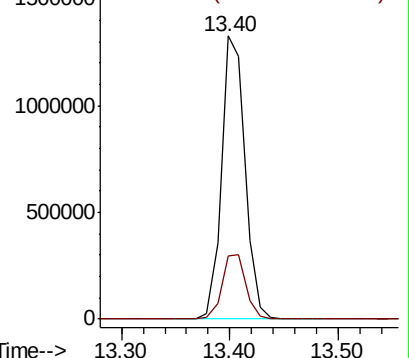
105 100

120 22.3 11.6 34.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 58.021 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Tgt Ion: 43 Resp: 519429

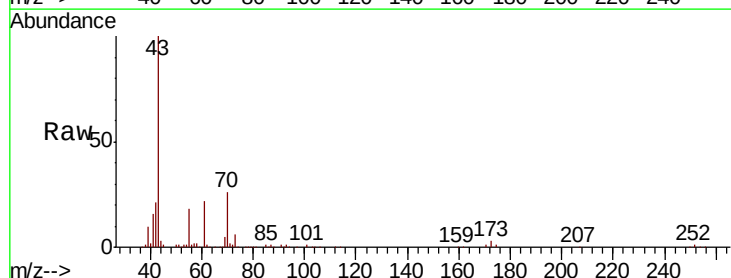
Ion Ratio Lower Upper

43 100

70 26.2 24.4 36.6

55 18.0 15.2 22.8

61 21.6 17.4 26.2

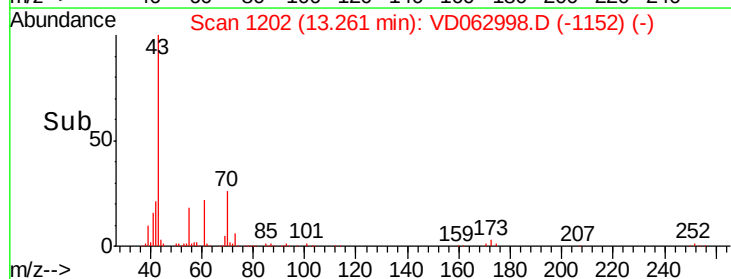
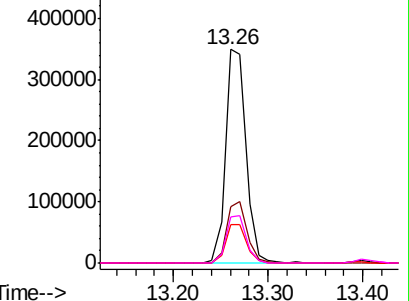


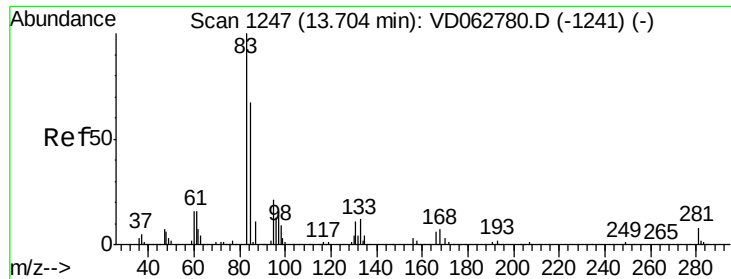
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 56.847 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

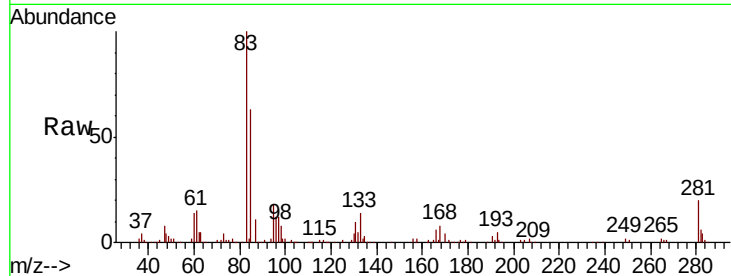
Tot Ion: 83 Resp: 341448

Ion Ratio Lower Upper

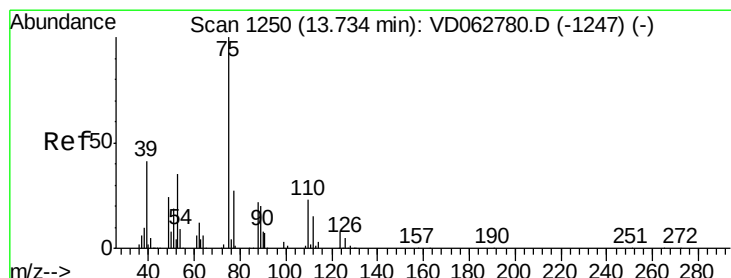
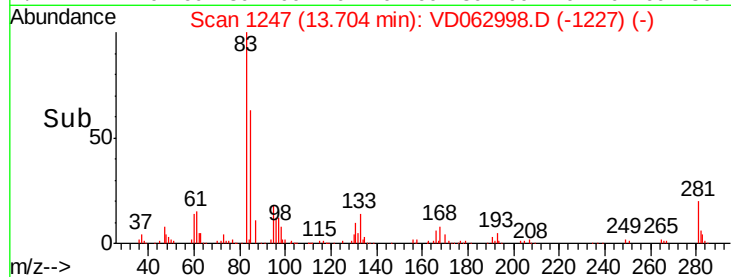
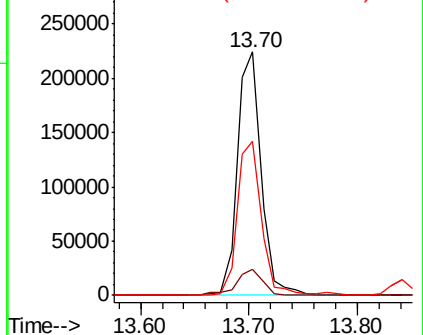
83 100

131 10.5 5.3 16.1

85 63.4 33.7 101.1



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: 58.109 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD062998.D

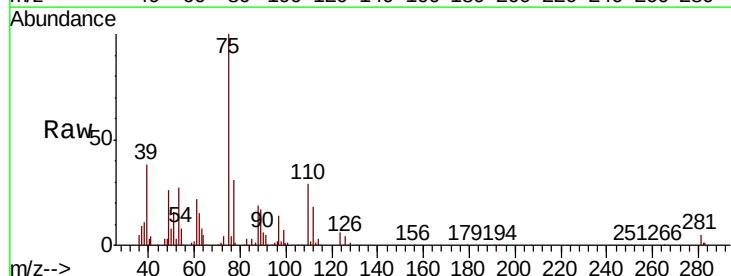
Acq: 1 Jul 2019 18:52

Tgt Ion: 75 Resp: 385688

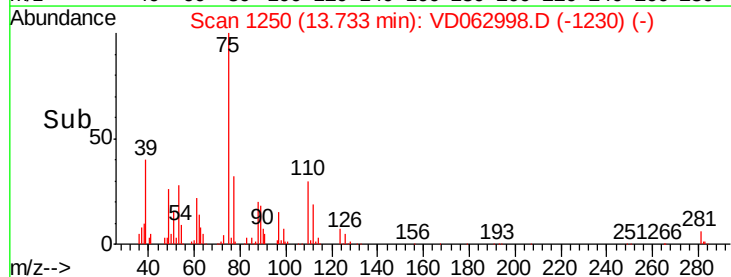
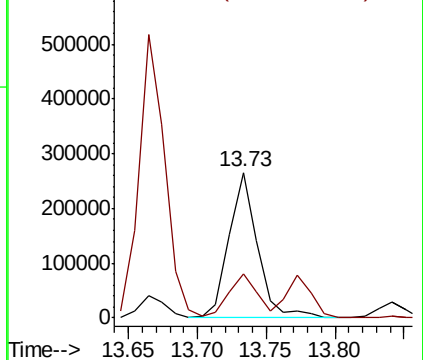
Ion Ratio Lower Upper

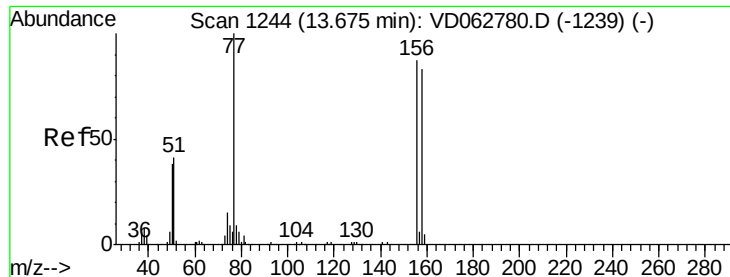
75 100

77 30.5 15.0 45.1



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





#77

Bromobenzene

Concen: 55.576 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

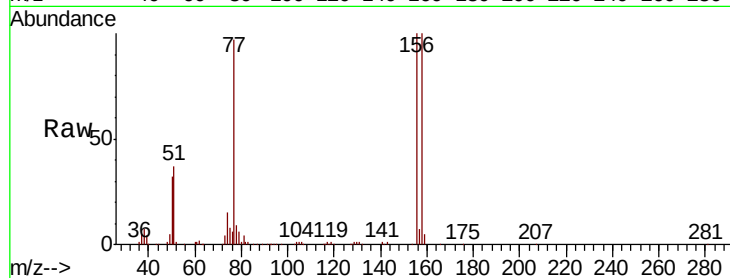
Tot Ion:156 Resp: 551062

Ion Ratio Lower Upper

156 100

77 96.9 57.7 173.1

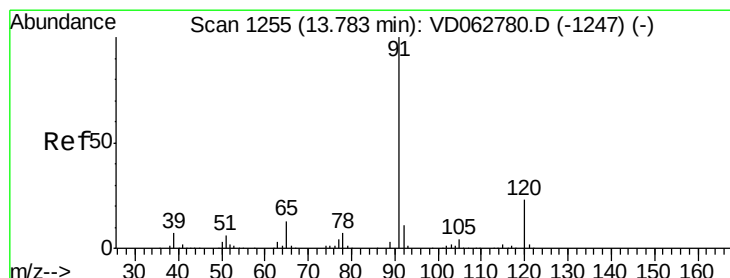
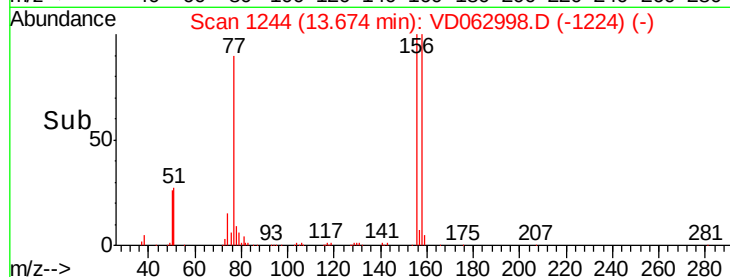
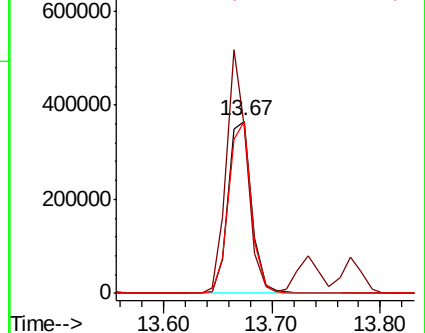
158 100.3 47.7 143.1



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: 55.755 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD062998.D

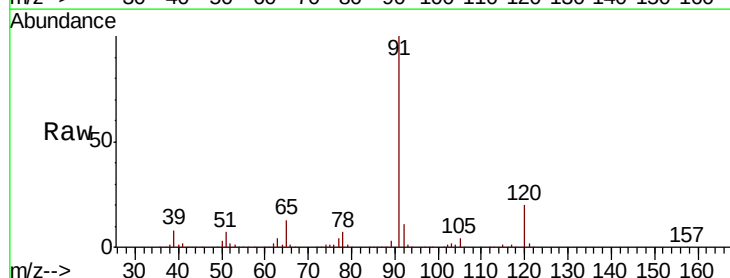
Acq: 1 Jul 2019 18:52

Tgt Ion: 91 Resp: 2392258

Ion Ratio Lower Upper

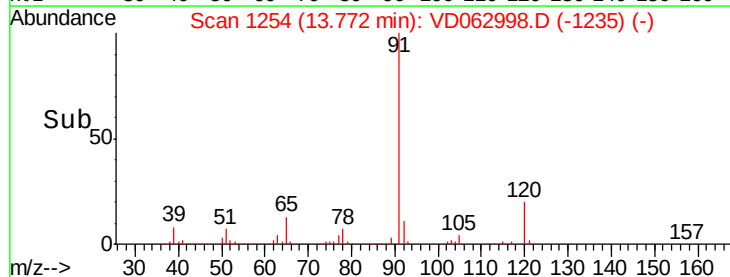
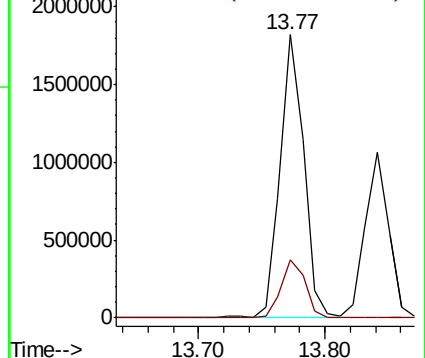
91 100

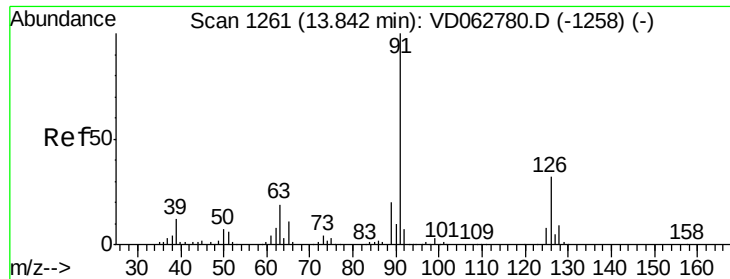
120 20.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

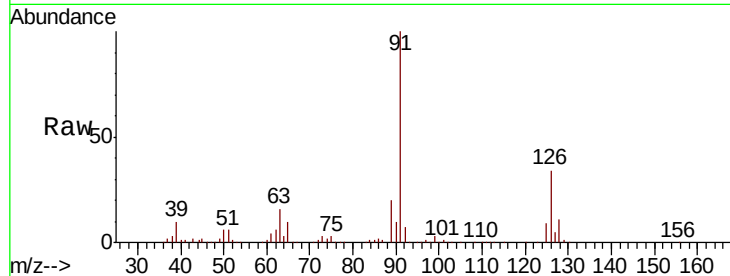




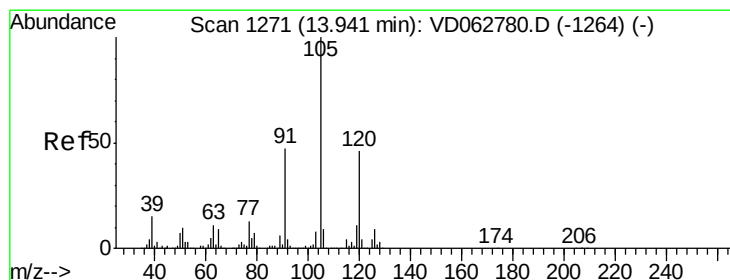
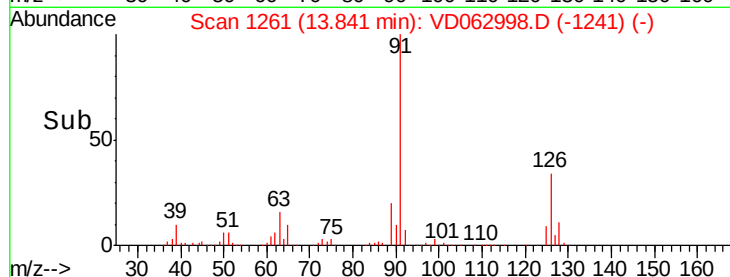
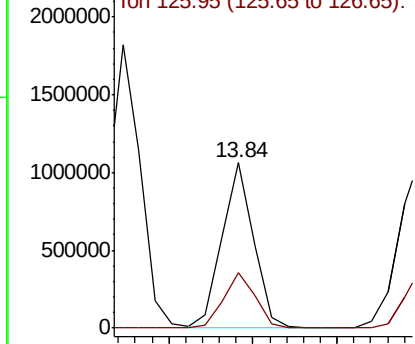
#79  
 2-Chlorotoluene  
 Concen: 56.124 ug/l  
 RT: 13.84 min Scan# 1261  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 91 Resp: 1376178  
 Ion Ratio Lower Upper  
 91 100  
 126 33.6 15.7 47.1

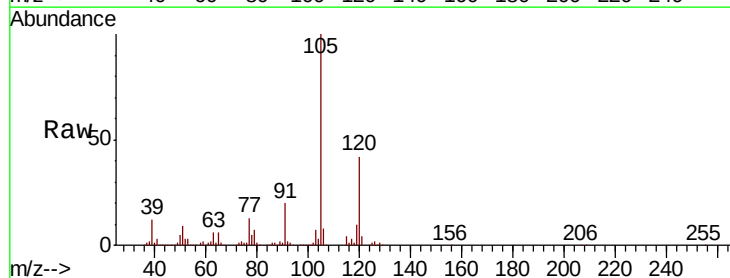


Abundance Ion 91.00 (90.70 to 91.70): VDC  
 Ion 125.95 (125.65 to 126.65): V

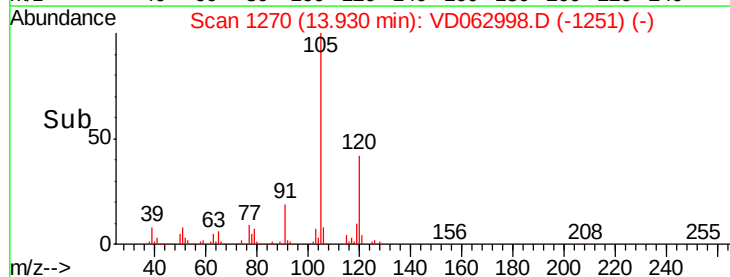
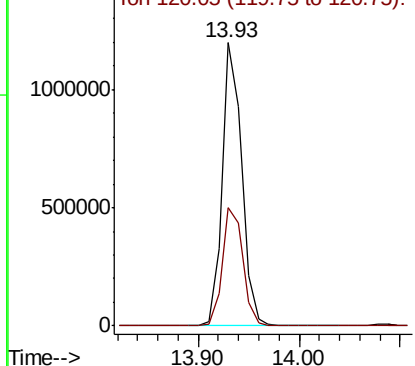


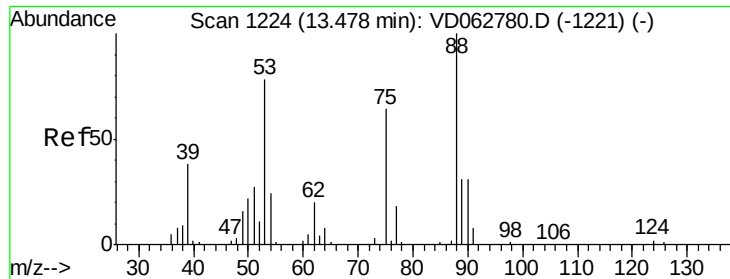
#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.017 ug/l  
 RT: 13.93 min Scan# 1270  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion:105 Resp: 1610696  
 Ion Ratio Lower Upper  
 105 100  
 120 41.6 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V  
 Ion 120.05 (119.75 to 120.75): V

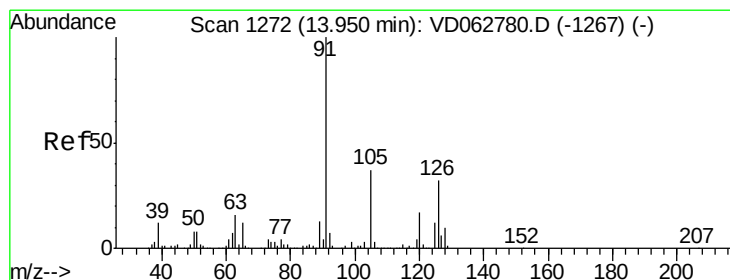
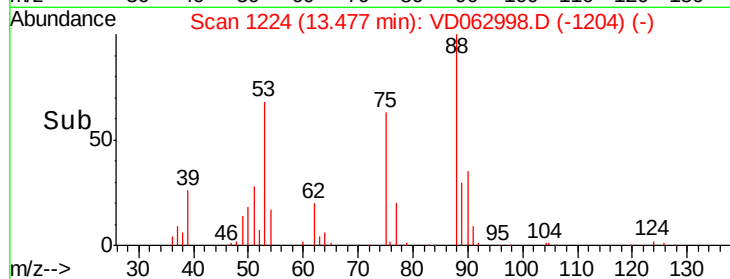
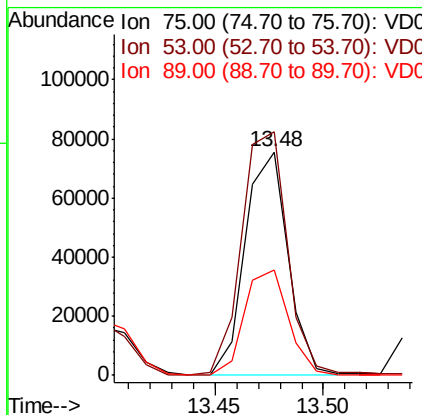
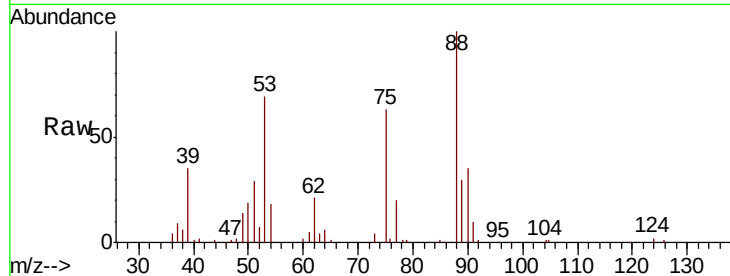




#81  
trans-1,4-Dichloro-2-butene  
Concen: 59.799 ug/l  
RT: 13.48 min Scan# 1224  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

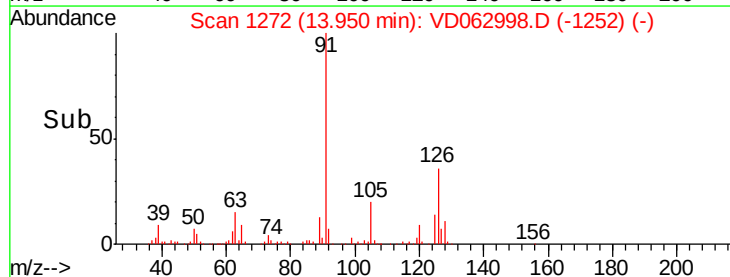
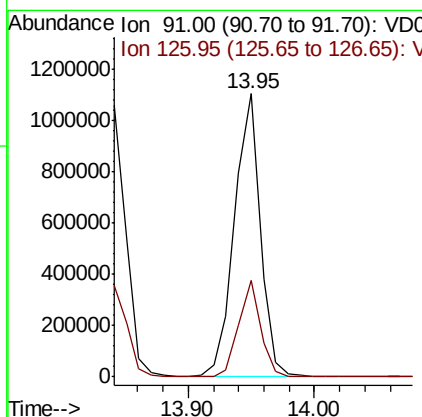
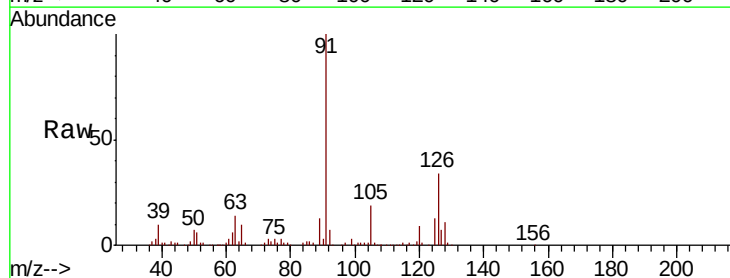
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

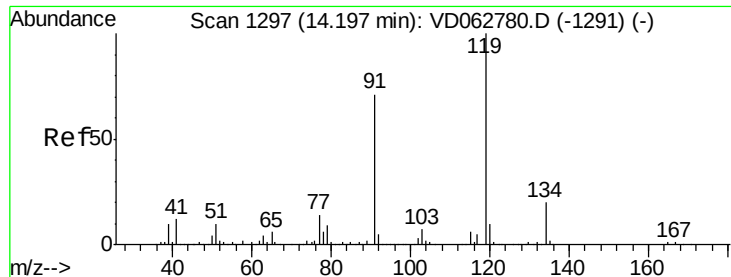
Tot Ion: 75 Resp: 104023  
Ion Ratio Lower Upper  
75 100  
53 109.0 97.8 146.8  
89 47.1 39.4 59.2



#82  
4-Chlorotoluene  
Concen: 52.637 ug/l  
RT: 13.95 min Scan# 1272  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Tgt Ion: 91 Resp: 1553858  
Ion Ratio Lower Upper  
91 100  
126 34.3 16.0 47.9

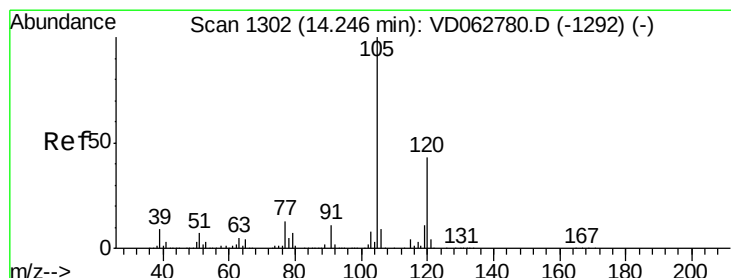
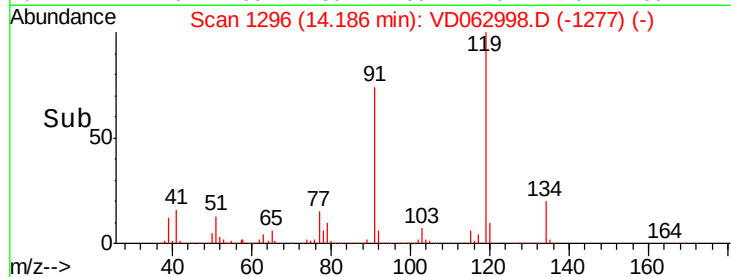
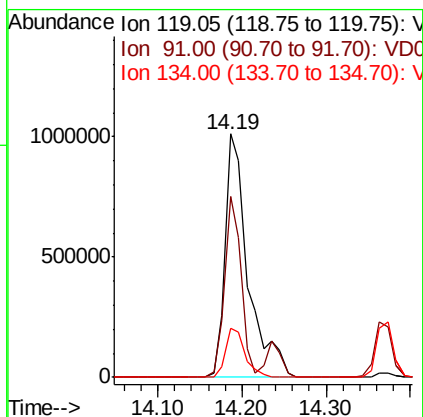
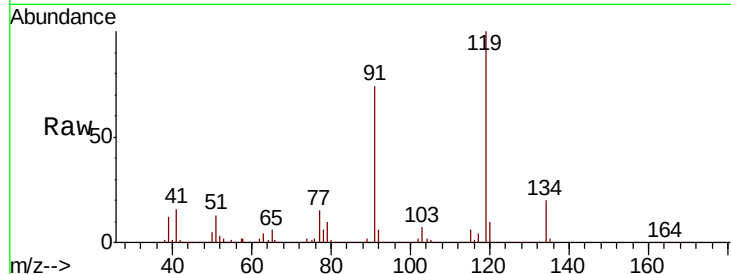




#83  
 tert-Butylbenzene  
 Concen: 55.614 ug/l  
 RT: 14.19 min Scan# 1296  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

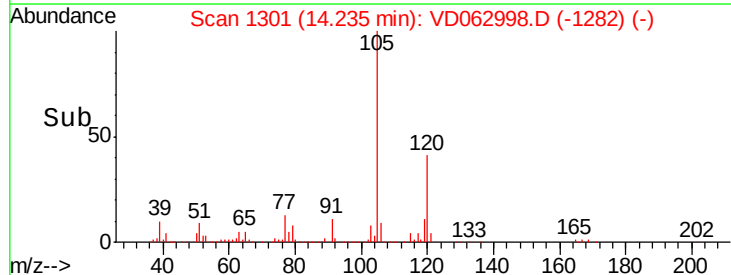
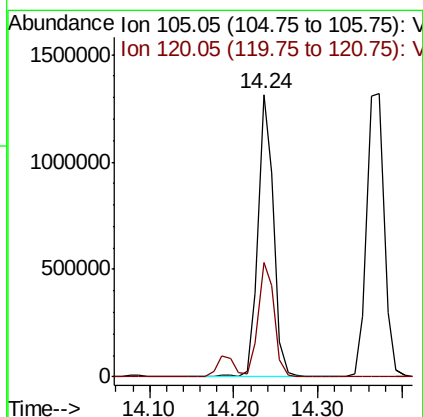
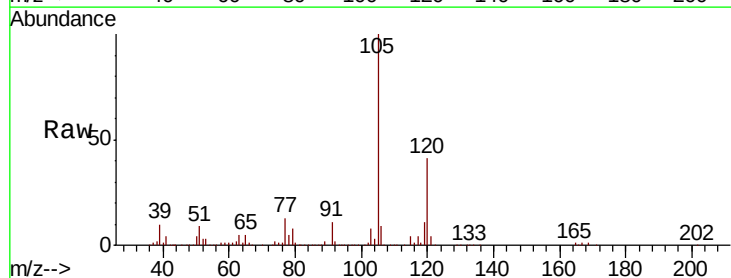
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

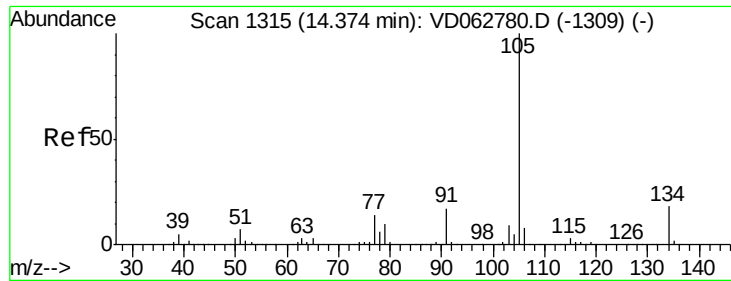
Tot Ion:119 Resp: 1919484  
 Ion Ratio Lower Upper  
 119 100  
 91 74.3 35.5 106.5  
 134 20.2 10.2 30.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.738 ug/l  
 RT: 14.24 min Scan# 1301  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion:105 Resp: 1705489  
 Ion Ratio Lower Upper  
 105 100  
 120 40.6 21.3 63.9

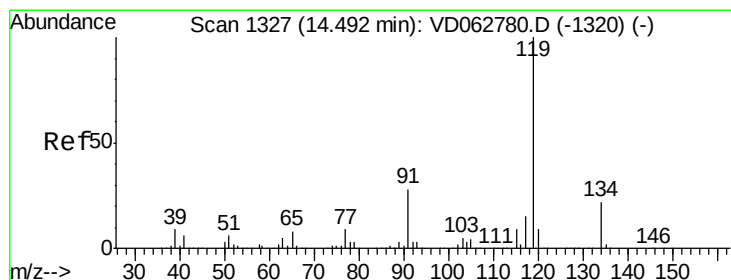
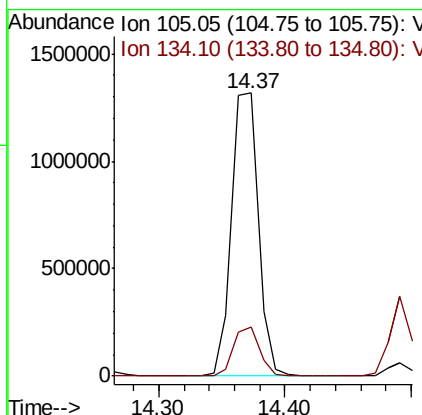
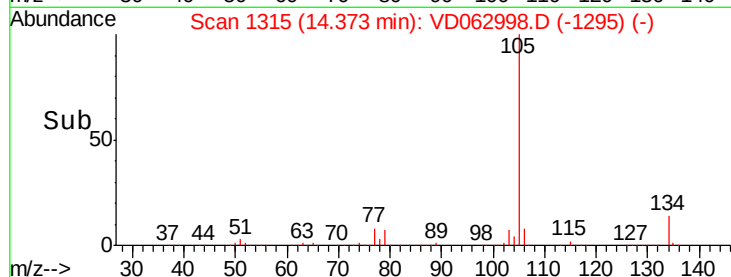
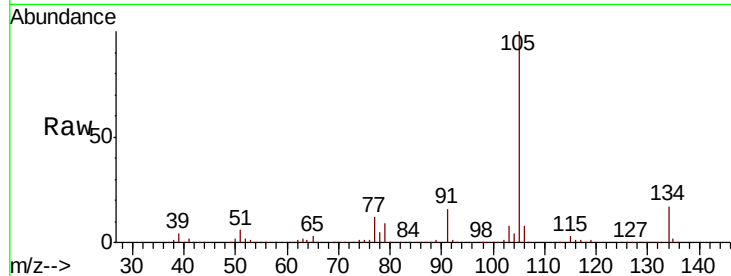




#85  
 sec-Butylbenzene  
 Concen: 51.400 ug/l  
 RT: 14.37 min Scan# 1315  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

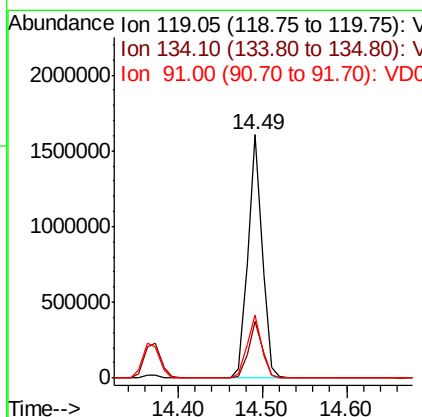
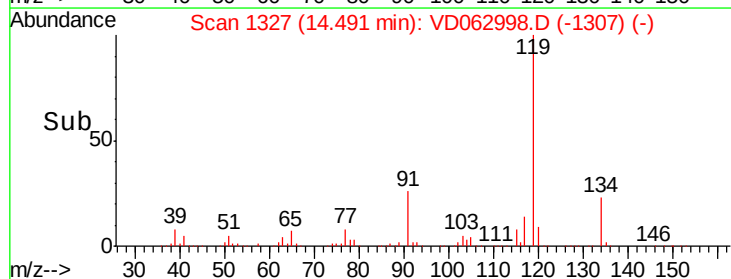
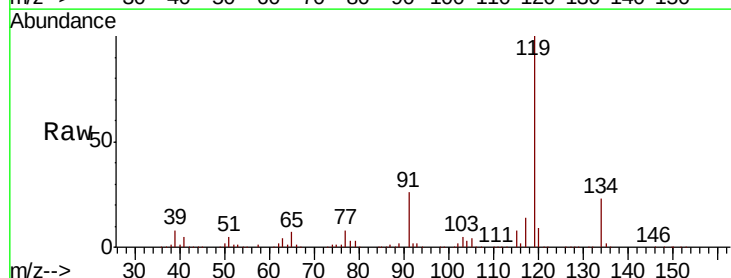
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

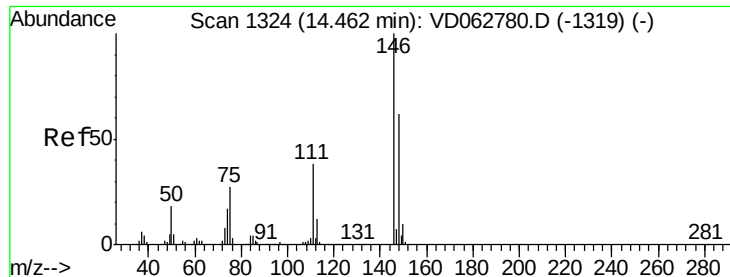
Tot Ion:105 Resp: 1928159  
 Ion Ratio Lower Upper  
 105 100  
 134 17.4 9.1 27.3



#86  
 p-Isopropyltoluene  
 Concen: 55.372 ug/l  
 RT: 14.49 min Scan# 1327  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion:119 Resp: 1900254  
 Ion Ratio Lower Upper  
 119 100  
 134 23.2 11.1 33.1  
 91 26.1 14.0 41.9





#87

1,3-Dichlorobenzene

Concen: 53.747 ug/l

RT: 14.45 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

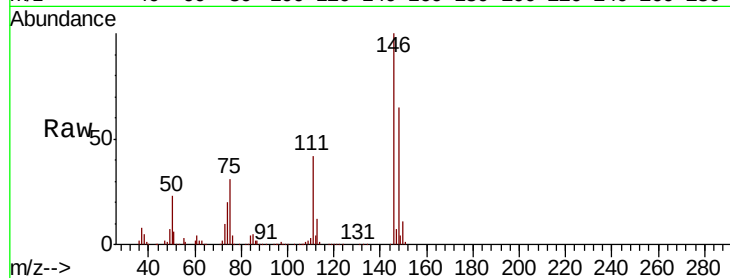
Tot Ion:146 Resp: 955303

Ion Ratio Lower Upper

146 100

111 41.8 19.0 57.0

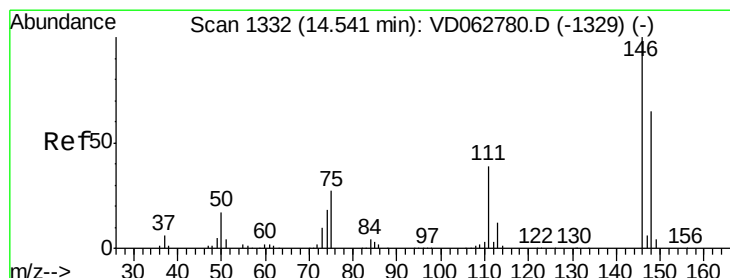
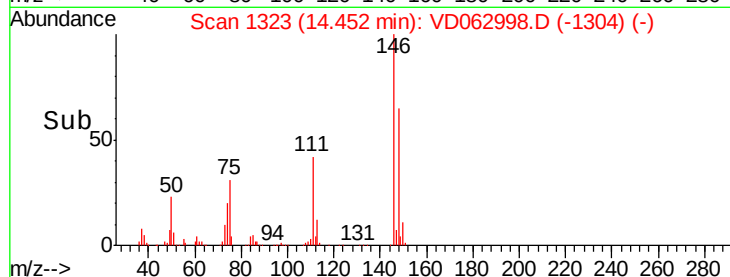
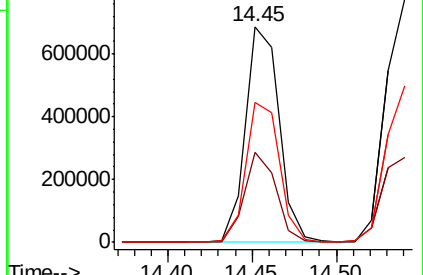
148 64.9 30.8 92.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 55.020 ug/l

RT: 14.54 min Scan# 1332

Delta R.T. -0.00 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

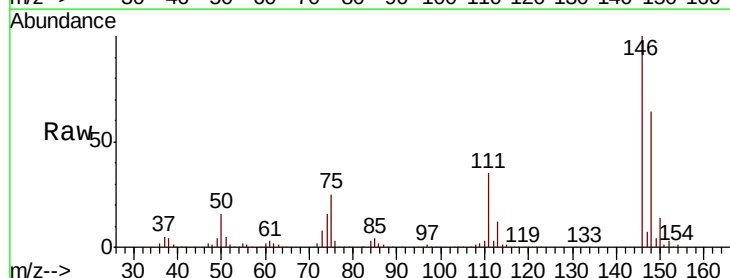
Tgt Ion:146 Resp: 982227

Ion Ratio Lower Upper

146 100

111 34.8 19.7 59.1

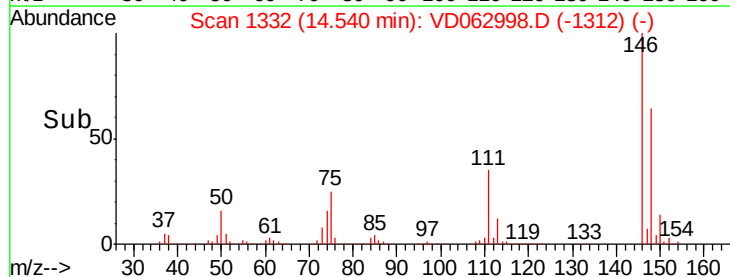
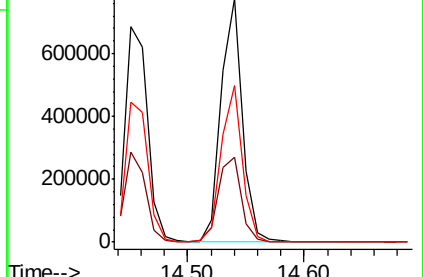
148 64.4 32.8 98.3



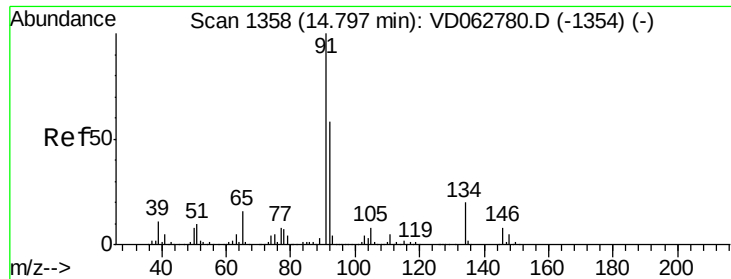
Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V







#89

n-Butylbenzene

Concen: 53.645 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VD062998.D

Acq: 1 Jul 2019 18:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

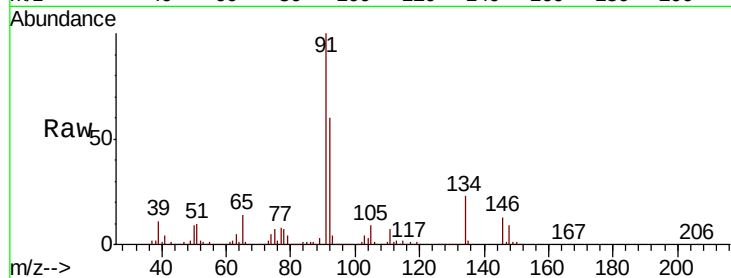
Tot Ion: 91 Resp: 1723120

Ion Ratio Lower Upper

91 100

92 60.4 28.9 86.7

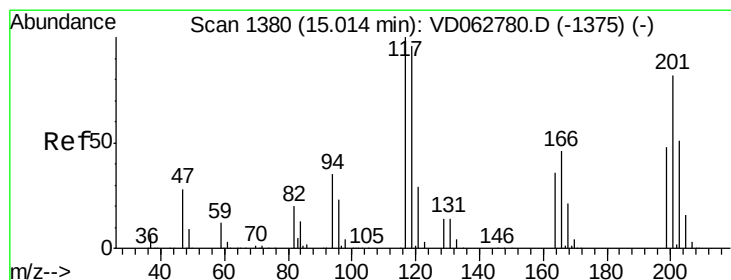
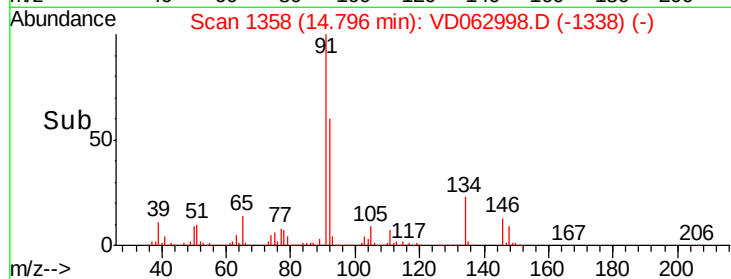
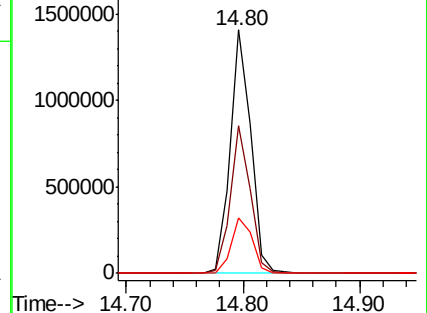
134 22.8 10.1 30.3



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: 56.740 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD062998.D

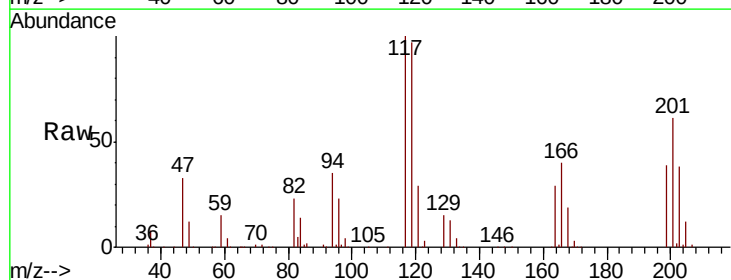
Acq: 1 Jul 2019 18:52

Tgt Ion: 117 Resp: 523552

Ion Ratio Lower Upper

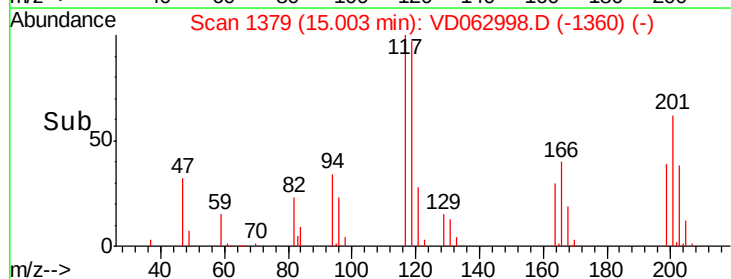
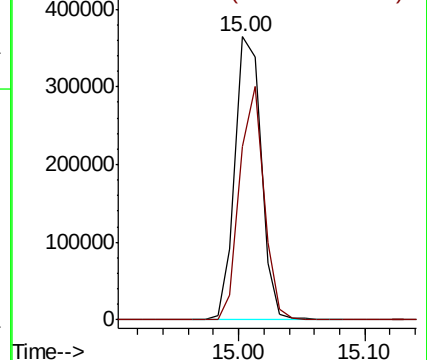
117 100

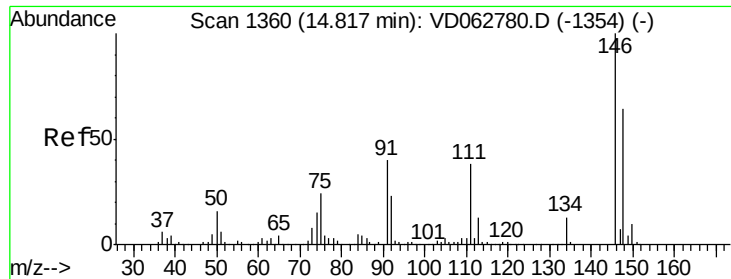
201 61.4 40.8 122.2



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

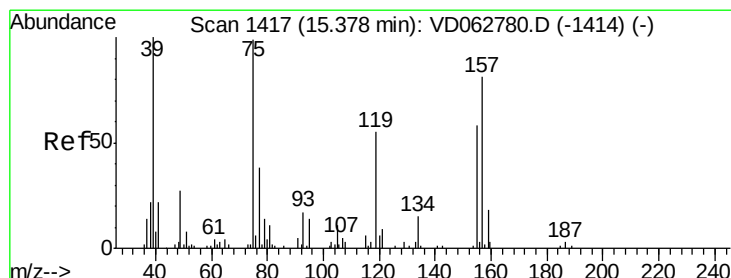
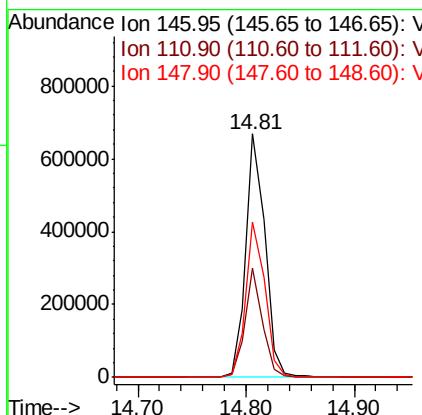
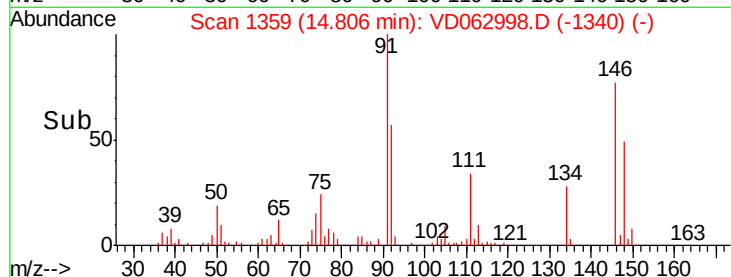
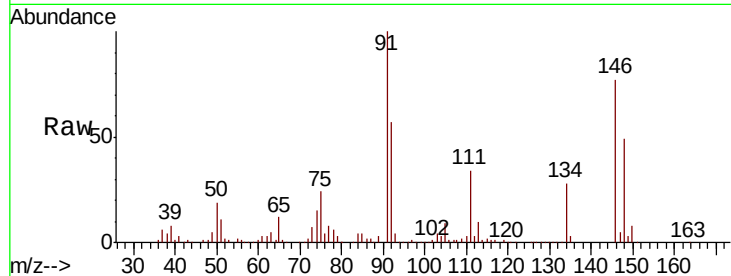




#91  
 1,2-Dichlorobenzene  
 Concen: 54.434 ug/l  
 RT: 14.81 min Scan# 1359  
 Delta R.T. -0.01 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

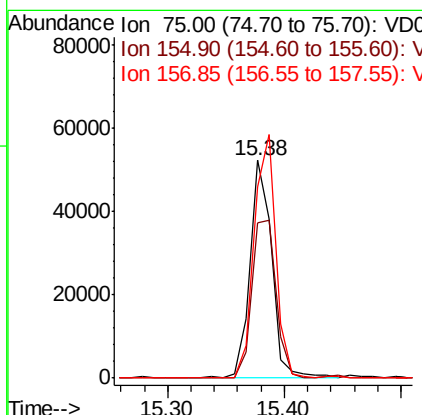
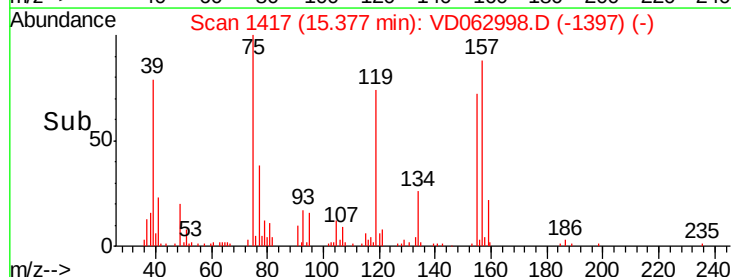
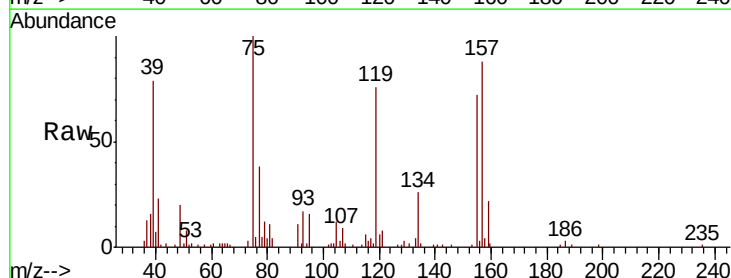
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

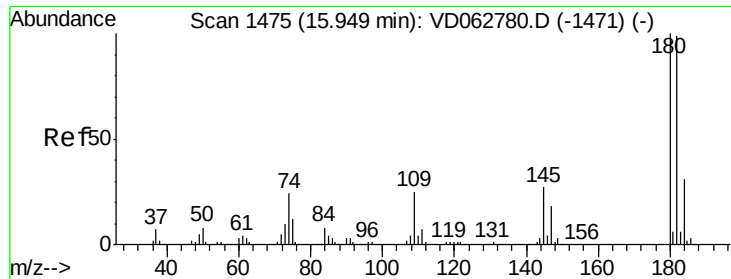
Tot Ion:146 Resp: 827788  
 Ion Ratio Lower Upper  
 146 100  
 111 44.8 19.1 57.1  
 148 63.7 32.3 96.8



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 57.508 ug/l  
 RT: 15.38 min Scan# 1417  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion: 75 Resp: 67418  
 Ion Ratio Lower Upper  
 75 100  
 155 71.5 29.3 87.8  
 157 88.0 41.3 123.7

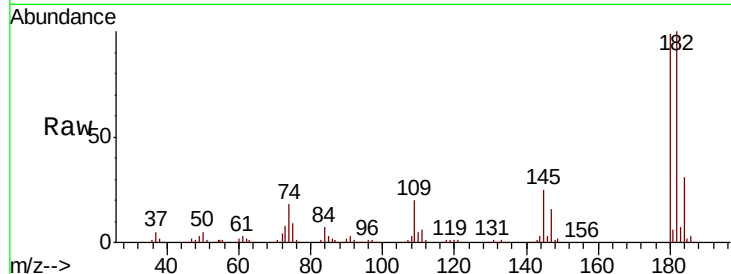




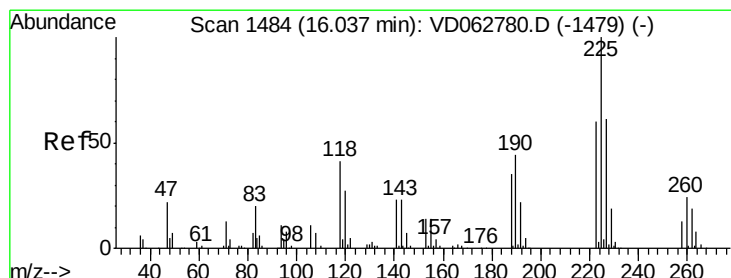
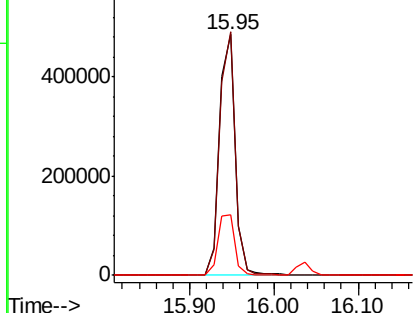
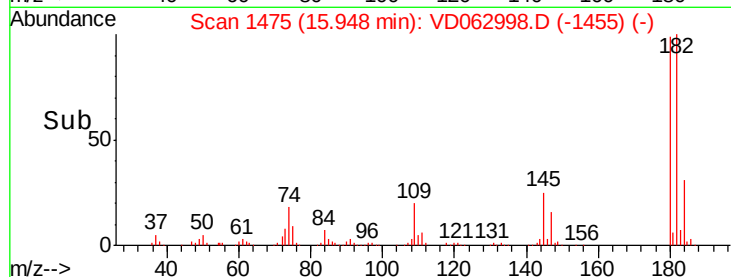
#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.787 ug/l  
 RT: 15.95 min Scan# 1475  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:180 Resp: 638942  
 Ion Ratio Lower Upper  
 180 100  
 182 101.3 49.5 148.5  
 145 25.1 13.7 41.0

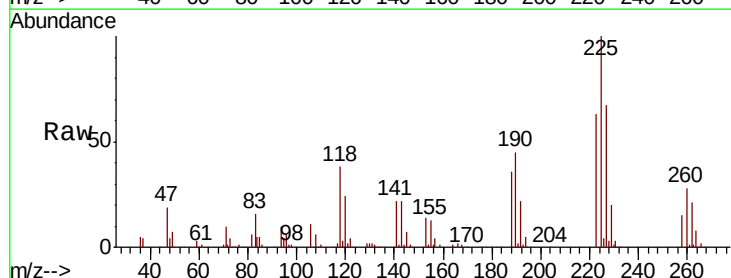


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

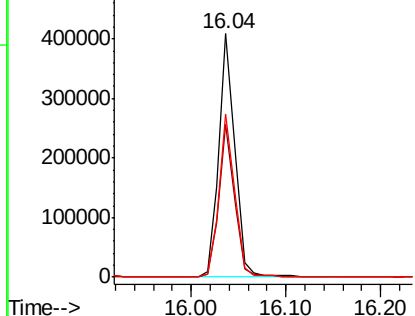
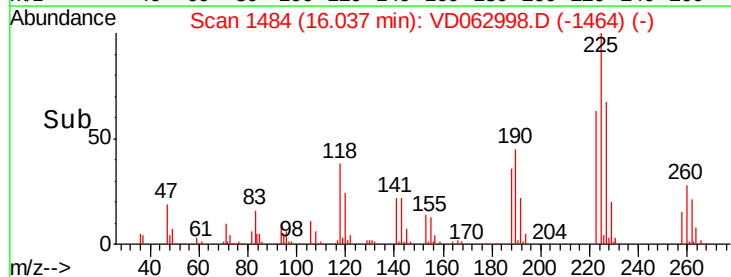


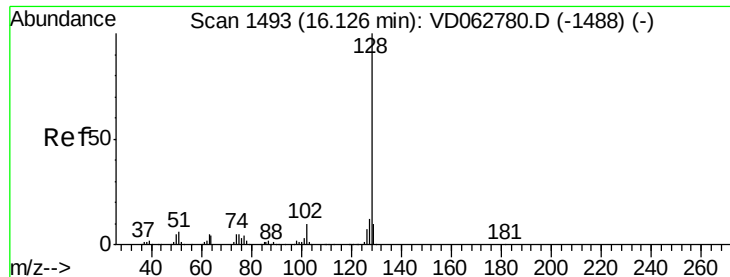
#94  
 Hexachlorobutadiene  
 Concen: 52.933 ug/l  
 RT: 16.04 min Scan# 1484  
 Delta R.T. -0.00 min  
 Lab File: VD062998.D  
 Acq: 1 Jul 2019 18:52

Tgt Ion:225 Resp: 480381  
 Ion Ratio Lower Upper  
 225 100  
 223 62.6 29.8 89.5  
 227 66.8 30.6 91.6



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

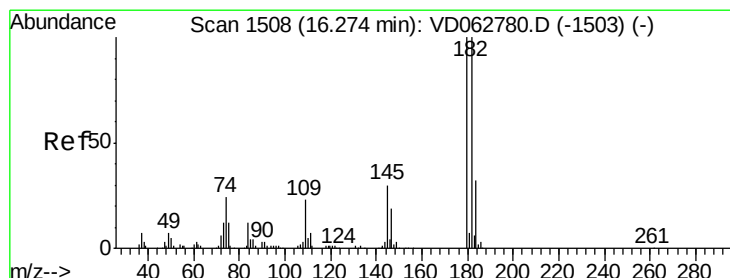
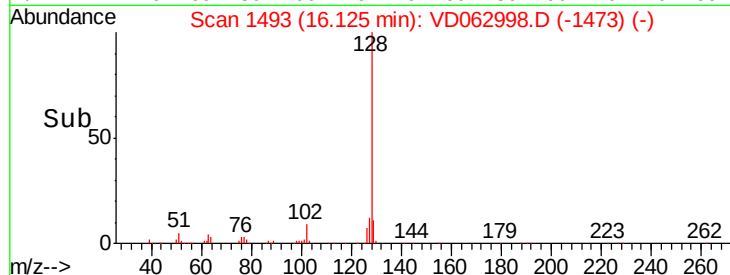
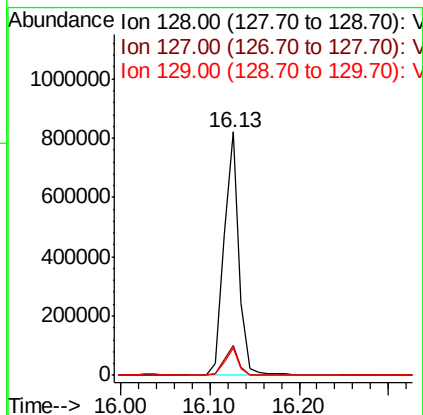
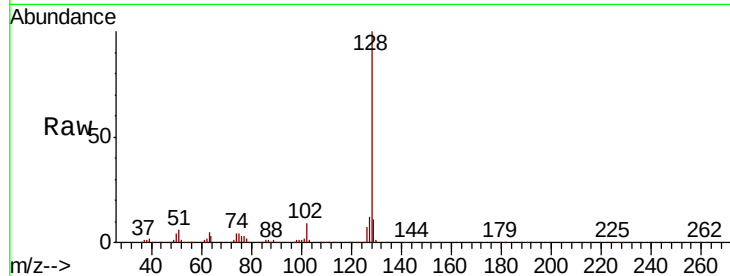




#95  
Naphthalene  
Concen: 58.008 ug/l  
RT: 16.13 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:128 Resp: 965822  
Ion Ratio Lower Upper  
128 100  
127 12.4 9.7 14.5  
129 11.0 8.3 12.5



#96  
1,2,3-Trichlorobenzene  
Concen: 54.421 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. -0.00 min  
Lab File: VD062998.D  
Acq: 1 Jul 2019 18:52

Tgt Ion:180 Resp: 496715  
Ion Ratio Lower Upper  
180 100  
182 96.5 49.9 149.6  
145 28.9 15.2 45.5

