

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100418\  
 Data File : VX004983.D  
 Acq On : 03 Oct 2018 21:34  
 Operator : JC/MD  
 Sample : PB113446ZHE#09  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB113446ZHE#09

Quant Time: Oct 04 01:27:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 03 04:00:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 273900   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 437173   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 414915   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 226630   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 190407   | 48.66 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.32%  |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 163615   | 44.16 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 88.32%  |      |
| 50) Toluene-d8            | 8.72   | 98  | 612700   | 49.74 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.48%  |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 221903   | 50.01 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.02% |      |

## Target Compounds

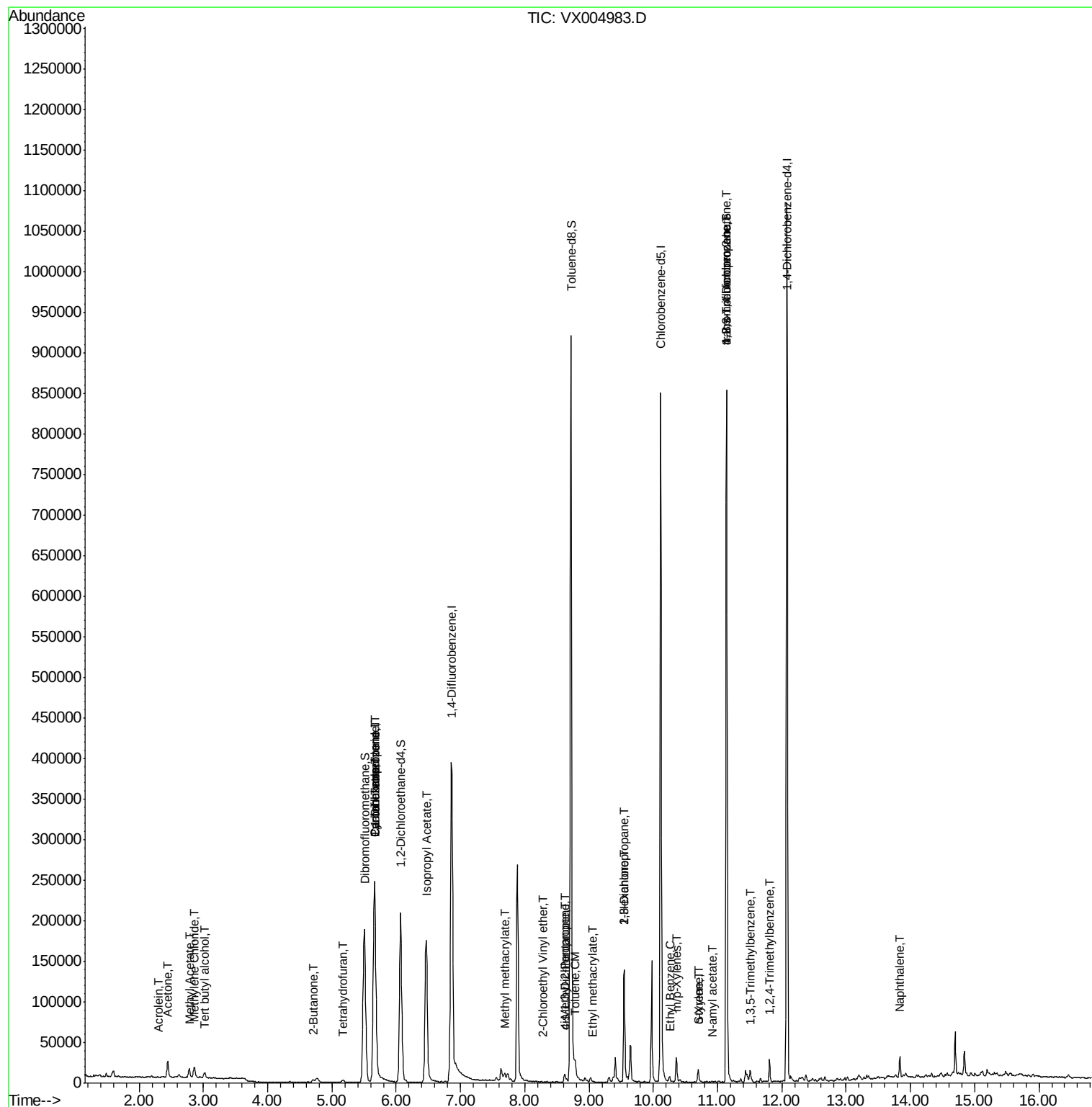
|                                |       |     |        |           | Qvalue |     |
|--------------------------------|-------|-----|--------|-----------|--------|-----|
| 6) Chloroethane                | 1.73  | 64  | 165    | Below Cal | #      | 1   |
| 11) Tert butyl alcohol         | 3.01  | 59  | 4253   | 3.888     | ug/l # | 79  |
| 13) Acrolein                   | 2.29  | 56  | 181    | 0.233     | ug/l # | 35  |
| 16) Acetone                    | 2.45  | 43  | 21718  | 9.508     | ug/l # | 83  |
| 18) Methyl Acetate             | 2.78  | 43  | 13866  | 2.396     | ug/l   | 99  |
| 20) Methylene Chloride         | 2.85  | 84  | 5978   | 0.977     | ug/l   | 94  |
| 25) 2-Butanone                 | 4.71  | 43  | 5584   | 1.658     | ug/l   | 94  |
| 29) Tetrahydrofuran            | 5.17  | 42  | 2546   | 1.217     | ug/l   | 93  |
| 31) Cyclohexane                | 5.67  | 56  | 4568   | 0.918     | ug/l # | 1   |
| 36) 1,1-Dichloropropene        | 5.66  | 75  | 18064  | 3.573     | ug/l # | 46  |
| 38) Carbon Tetrachloride       | 5.67  | 117 | 23661  | 4.453     | ug/l # | 17  |
| 43) Isopropyl Acetate          | 6.47  | 43  | 250473 | 25.862    | ug/l   | 96  |
| 48) Methyl methacrylate        | 7.69  | 41  | 9054   | 2.060     | ug/l # | 25  |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43  | 5031   | 0.825     | ug/l # | 37  |
| 52) Toluene                    | 8.79  | 92  | 3259   | 0.375     | ug/l   | 99  |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75  | 1689   | 0.312     | ug/l # | 54  |
| 56) Ethyl methacrylate         | 9.05  | 69  | 179    | 2.889     | ug/l # | 22  |
| 57) 1,3-Dichloropropane        | 9.54  | 76  | 1365   | 0.215     | ug/l # | 41  |
| 58) 2-Chloroethyl Vinyl ether  | 8.28  | 63  | 19     | 14.248    | ug/l # | 49  |
| 59) 2-Hexanone                 | 9.55  | 43  | 16940  | 3.333     | ug/l # | 53  |
| 67) Ethyl Benzene              | 10.26 | 91  | 3865   | 0.229     | ug/l   | 99  |
| 68) m/p-Xylenes                | 10.36 | 106 | 7369   | 1.116     | ug/l   | 95  |
| 69) o-Xylene                   | 10.69 | 106 | 2596   | 0.428     | ug/l   | 99  |
| 70) Styrene                    | 10.71 | 104 | 400    | 2.174     | ug/l # | 1   |
| 74) N-amyl acetate             | 10.92 | 43  | 111    | 1.761     | ug/l # | 1   |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75  | 106307 | 20.928    | ug/l # | 35  |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105 | 6038   | 0.265     | ug/l   | 99  |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75  | 106307 | 56.798    | ug/l # | 10  |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105 | 12222  | 0.710     | ug/l   | 100 |
| 95) Naphthalene                | 13.83 | 128 | 15783  | 1.545     | ug/l   | 99  |

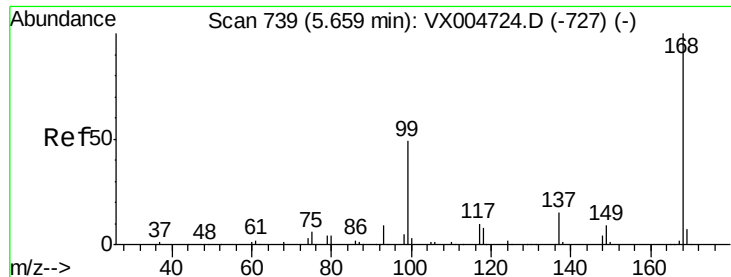
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\  
Data File : VX004983.D  
Acq On : 03 Oct 2018 21:34  
Operator : JC/MD  
Sample : PB113446ZHE#09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB113446ZHE#09

Quant Time: Oct 04 01:27:33 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 03 04:00:03 2018  
Response via : Initial Calibration

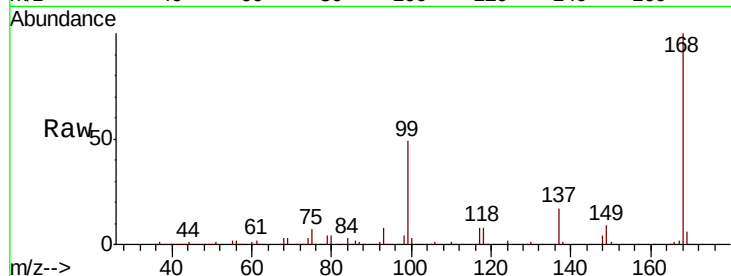




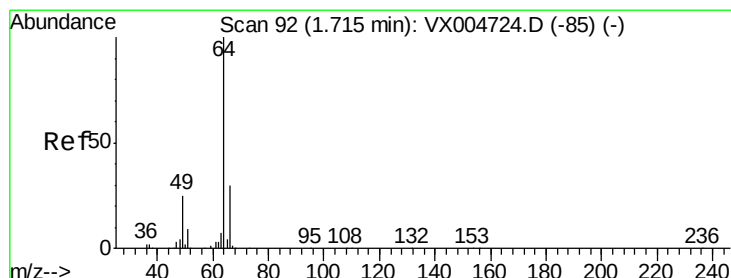
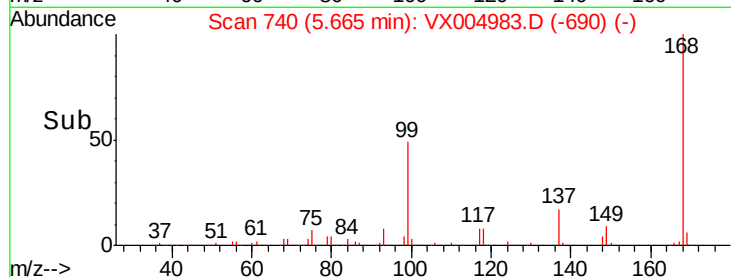
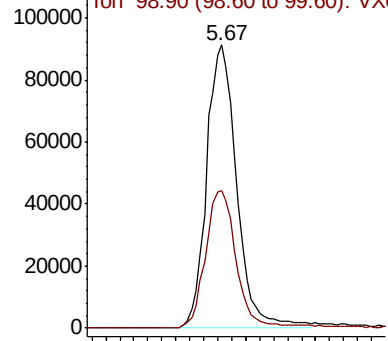
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. 0.01 min  
Lab File: VX004983.D  
Acq: 03 Oct 2018 21:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB113446ZHE#09

Tot Ion:168 Resp: 273900  
Ion Ratio Lower Upper  
168 100  
99 48.6 39.3 58.9

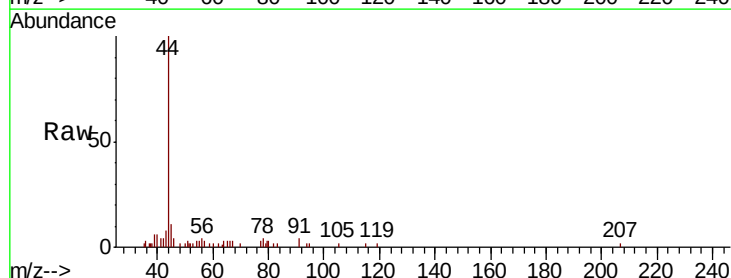


Abundance Ion 167.90 (167.60 to 168.60): V  
Ion 98.90 (98.60 to 99.60): VX0

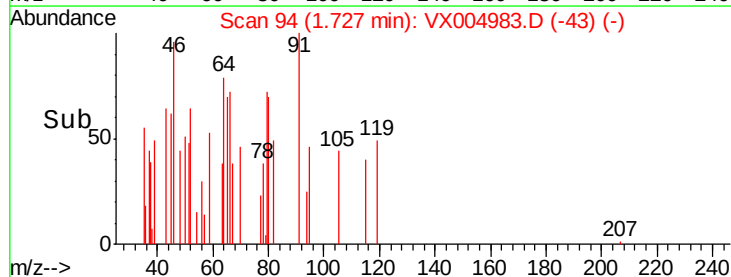
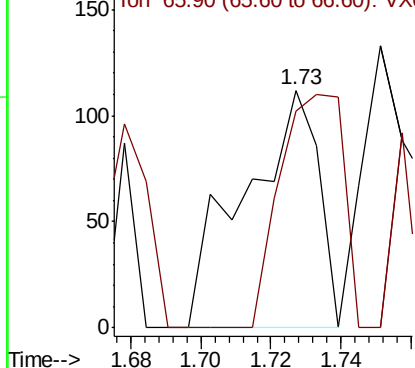


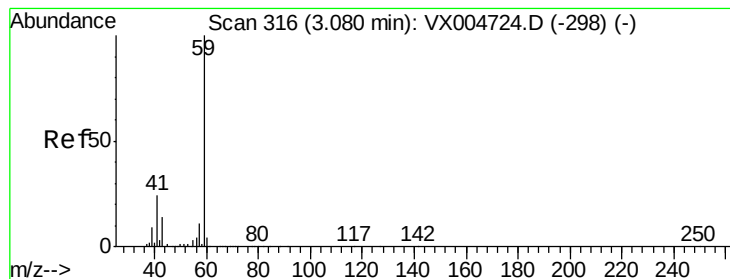
#6  
Chloroethane  
Concen: Below Cal  
RT: 1.73 min Scan# 94  
Delta R.T. 0.01 min  
Lab File: VX004983.D  
Acq: 03 Oct 2018 21:34

Tgt Ion: 64 Resp: 165  
Ion Ratio Lower Upper  
64 100  
66 91.1 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0  
Ion 65.90 (65.60 to 66.60): VX0



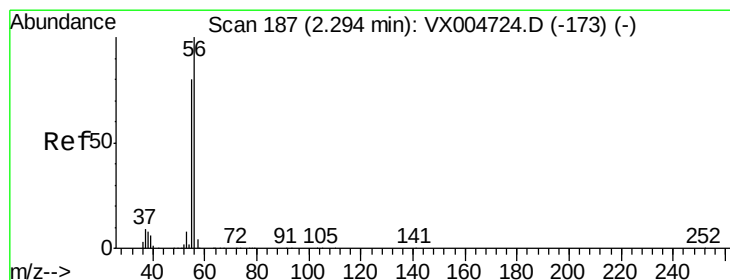
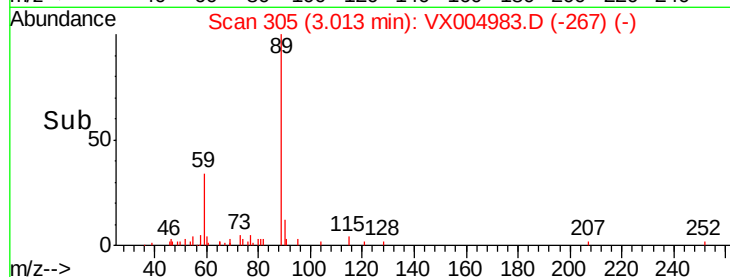
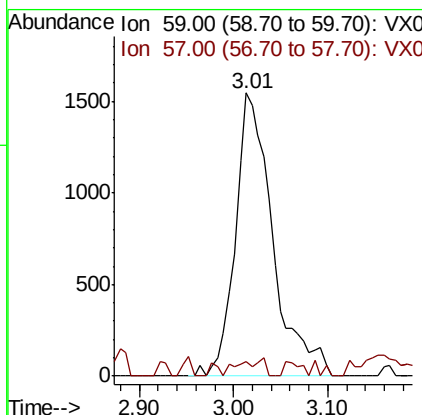
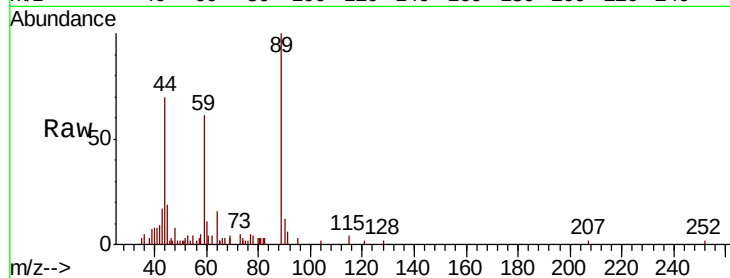


#11

Tert butyl alcohol  
 Concen: 3.888 ug/l  
 RT: 3.01 min Scan# 305  
 Delta R.T. -0.07 min  
 Lab File: VX004983.D  
 Acq: 03 Oct 2018 21:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB113446ZHE#09

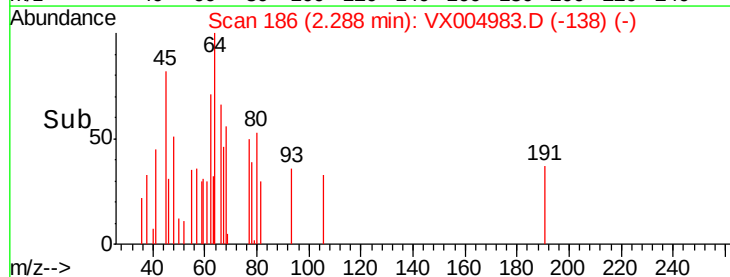
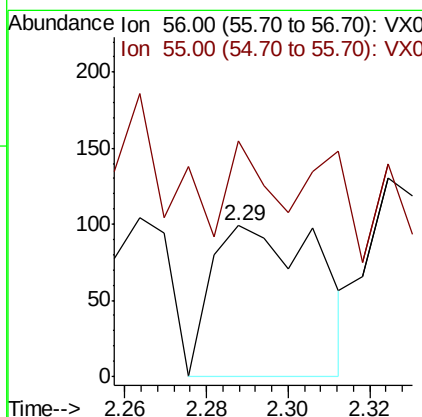
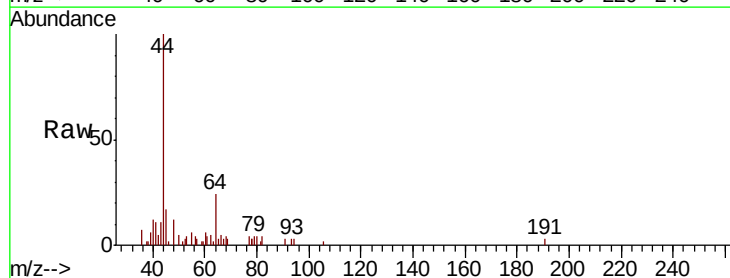
Tot Ion: 59 Resp: 4253  
 Ion Ratio Lower Upper  
 59 100  
 57 2.8 8.6 12.8#

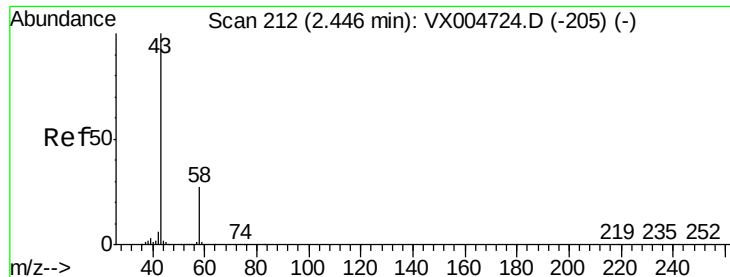


#13

Acrolein  
 Concen: 0.233 ug/l  
 RT: 2.29 min Scan# 186  
 Delta R.T. -0.01 min  
 Lab File: VX004983.D  
 Acq: 03 Oct 2018 21:34

Tgt Ion: 56 Resp: 181  
 Ion Ratio Lower Upper  
 56 100  
 55 22.7 63.4 95.2#

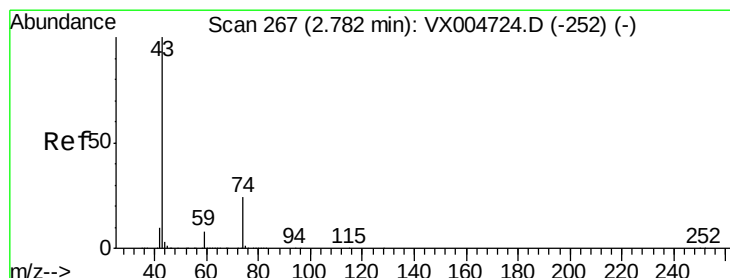
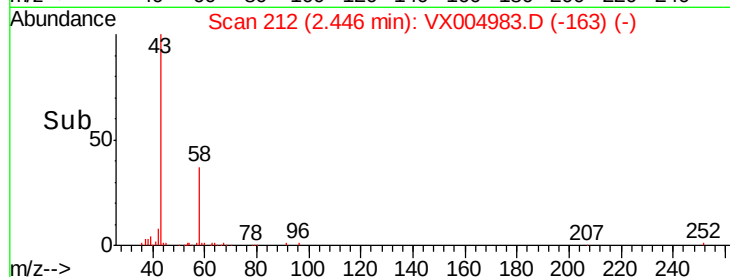
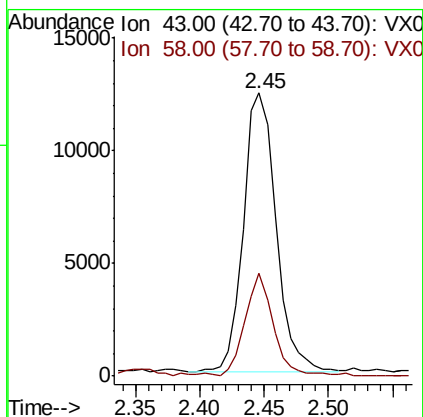
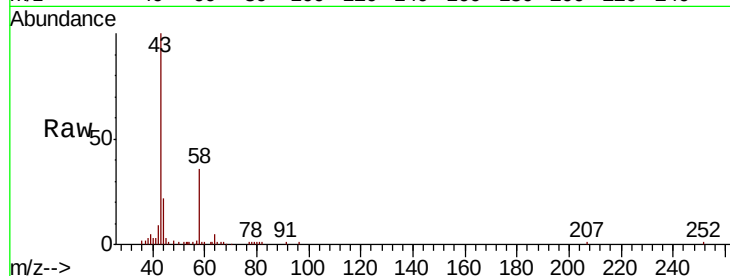




#16  
Acetone  
Concen: 9.508 ug/l  
RT: 2.45 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX004983.D  
Acq: 03 Oct 2018 21:34

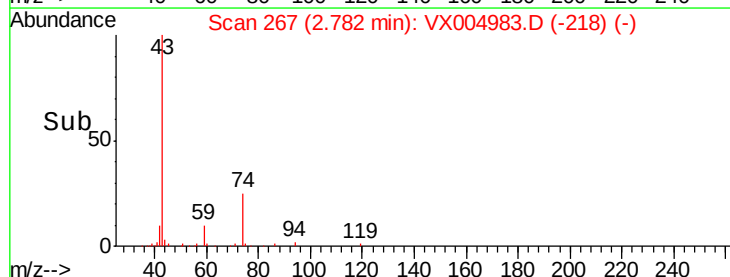
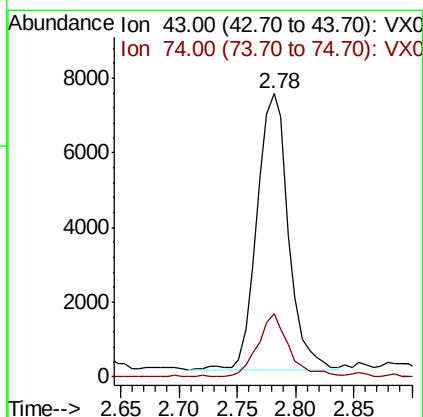
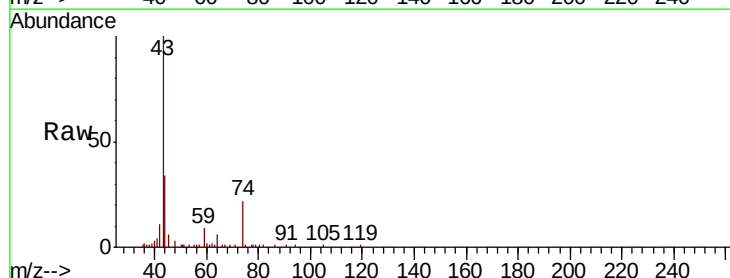
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB113446ZHE#09

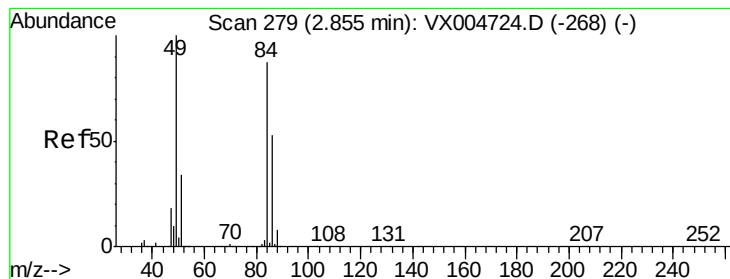
Tot Ion: 43 Resp: 21718  
Ion Ratio Lower Upper  
43 100  
58 36.3 21.8 32.6#



#18  
Methyl Acetate  
Concen: 2.396 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.00 min  
Lab File: VX004983.D  
Acq: 03 Oct 2018 21:34

Tgt Ion: 43 Resp: 13866  
Ion Ratio Lower Upper  
43 100  
74 22.8 17.8 26.8





#20

Methvlene Chloride

Concen: 0.977 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

Instrument :

MSVOA\_X

ClientSampleId :

PB113446ZHE#09

Tot Ion: 84 Resp: 5978

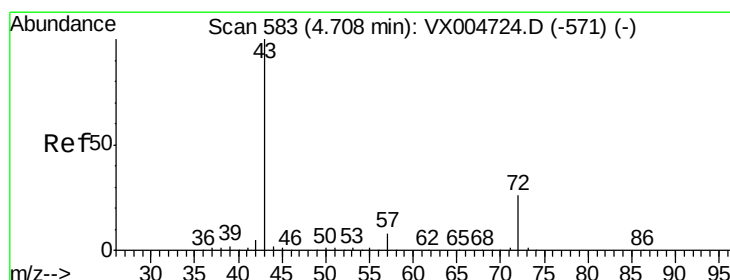
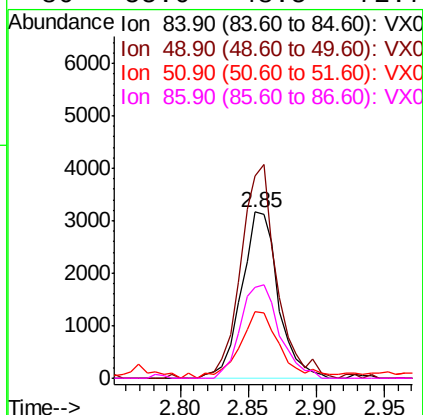
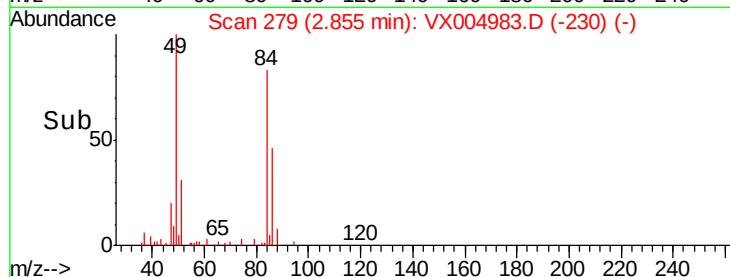
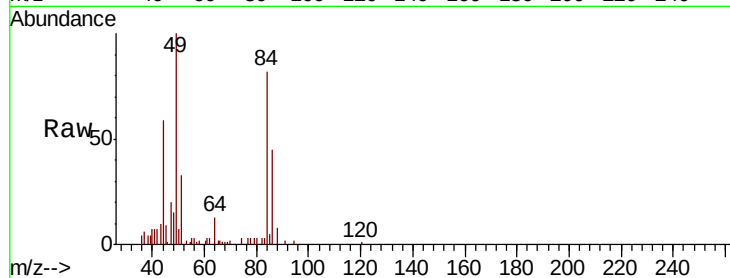
Ion Ratio Lower Upper

84 100

49 122.2 92.3 138.5

51 37.6 31.8 47.6

86 55.0 48.5 72.7



#25

2-Butanone

Concen: 1.658 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX004983.D

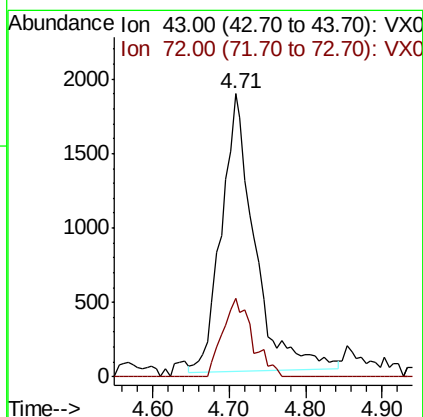
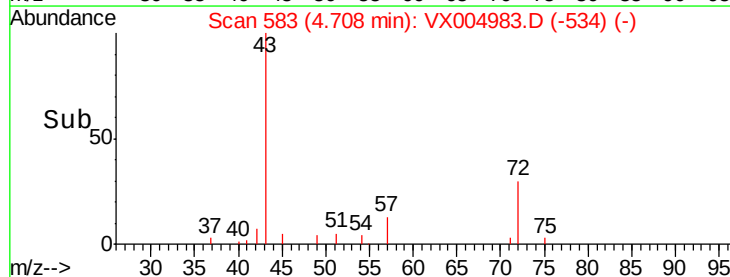
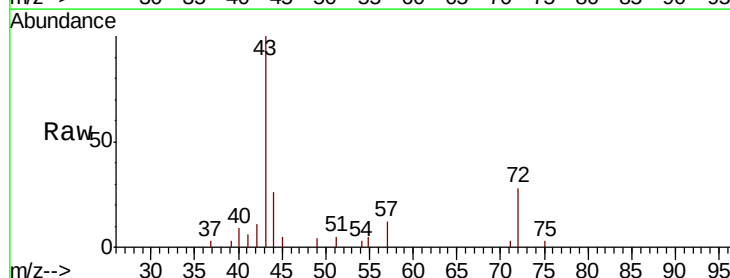
Acq: 03 Oct 2018 21:34

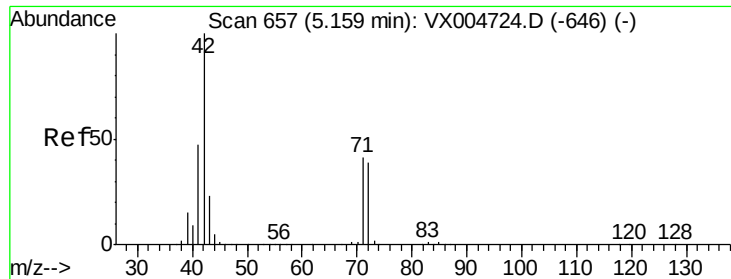
Tgt Ion: 43 Resp: 5584

Ion Ratio Lower Upper

43 100

72 29.0 20.8 31.2





#29

Tetrahydrofuran

Concen: 1.217 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

Instrument :

MSVOA\_X

ClientSampleId :

PB113446ZHE#09

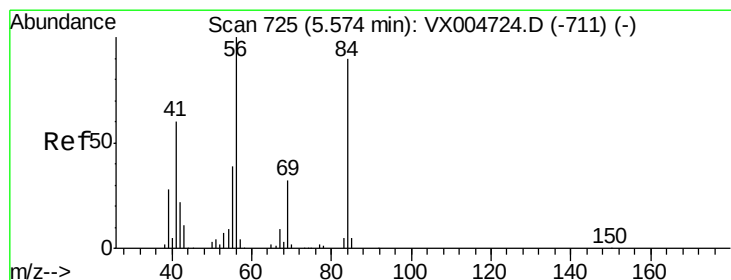
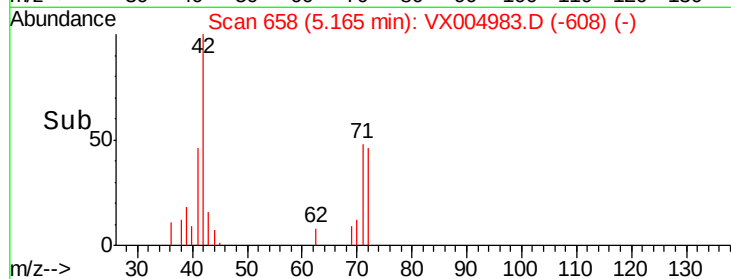
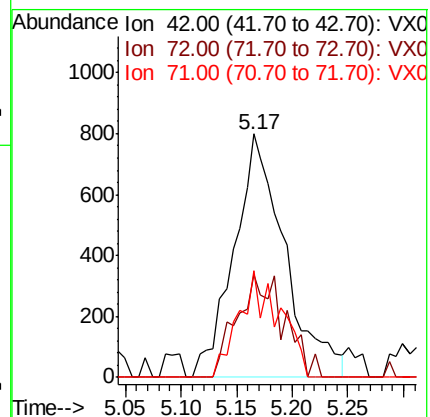
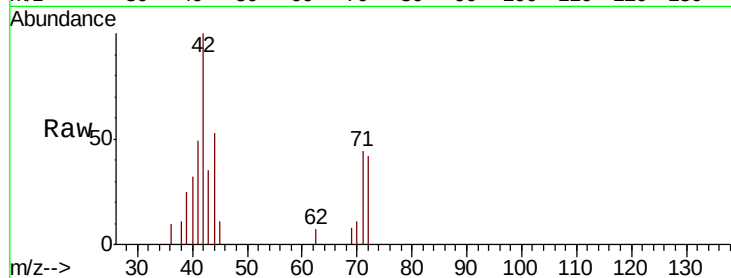
Tot Ion: 42 Resp: 2546

Ion Ratio Lower Upper

42 100

72 38.9 33.7 50.5

71 35.2 32.2 48.4



#31

Cyclohexane

Concen: 0.918 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

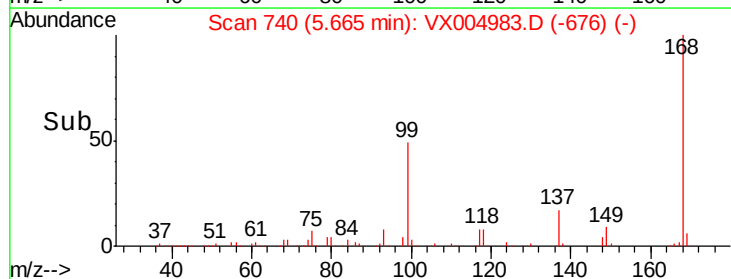
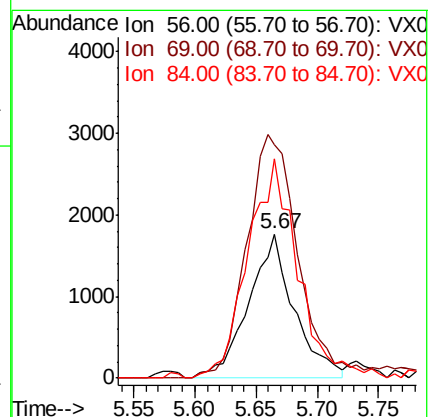
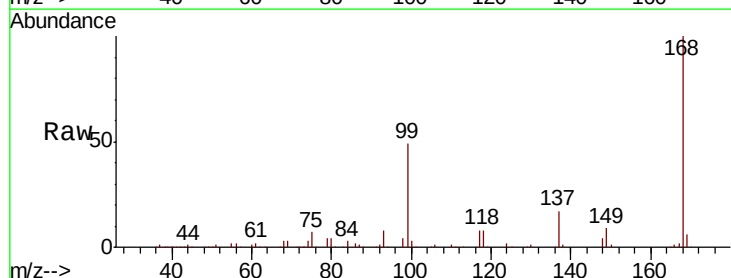
Tgt Ion: 56 Resp: 4568

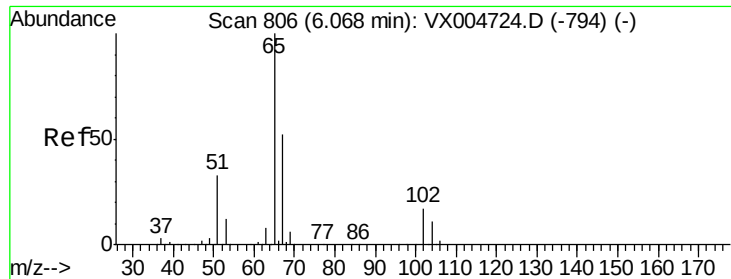
Ion Ratio Lower Upper

56 100

69 162.4 25.9 38.9#

84 152.3 71.9 107.9#

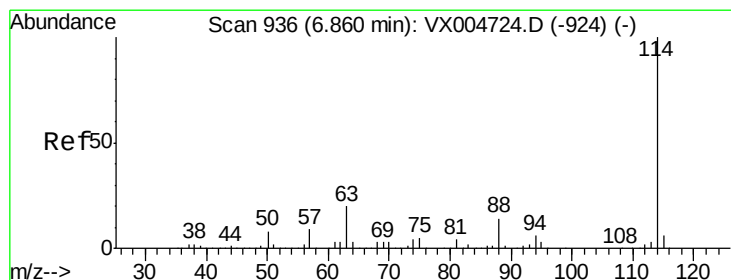
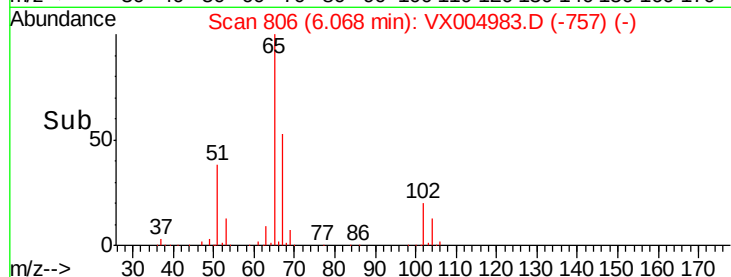
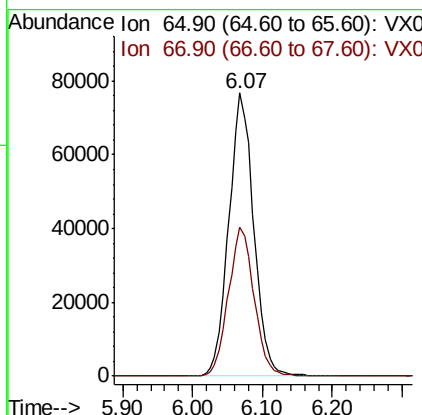
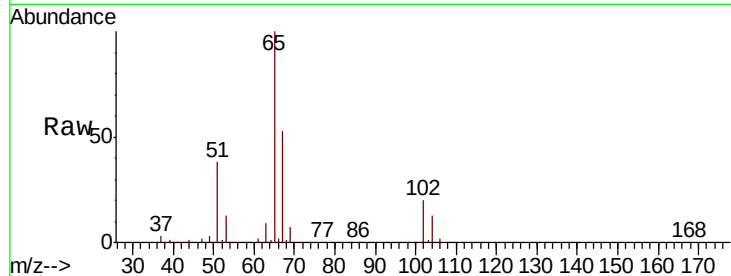




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.664 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX004983.D  
 Acq: 03 Oct 2018 21:34

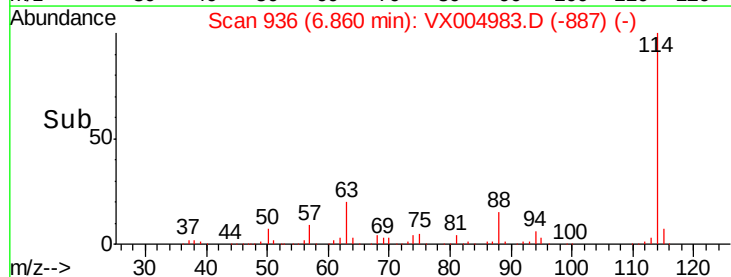
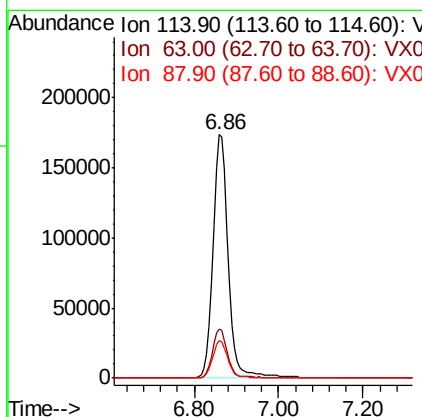
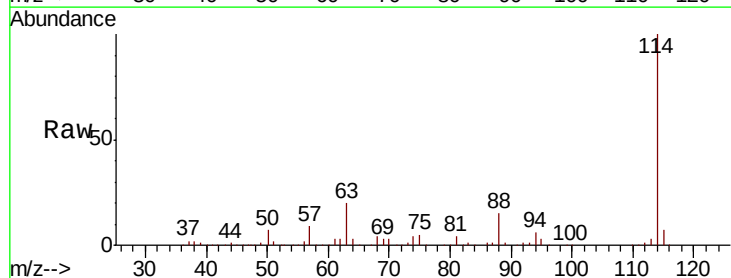
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB113446ZHE#09

Tot Ion: 65 Resp: 190407  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 107.4

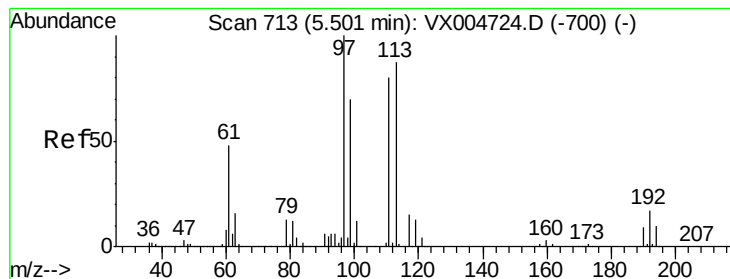


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX004983.D  
 Acq: 03 Oct 2018 21:34

Tgt Ion: 114 Resp: 437173  
 Ion Ratio Lower Upper  
 114 100  
 63 20.1 0.0 39.8  
 88 15.4 0.0 27.0







#35

Dibromofluoromethane

Concen: 44.159 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

Instrument :

MSVOA\_X

ClientSampleId :

PB113446ZHE#09

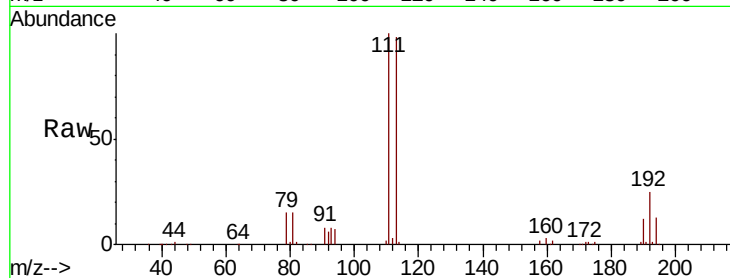
Tot Ion:113 Resp: 163615

Ion Ratio Lower Upper

113 100

111 101.6 77.0 115.4

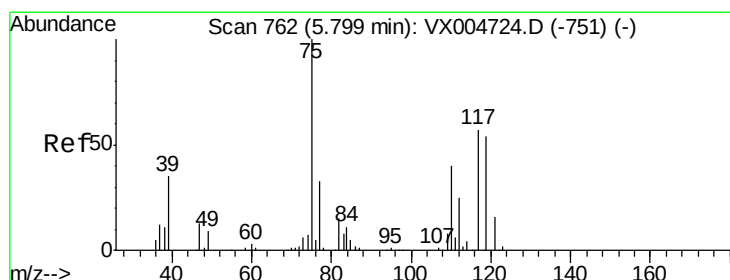
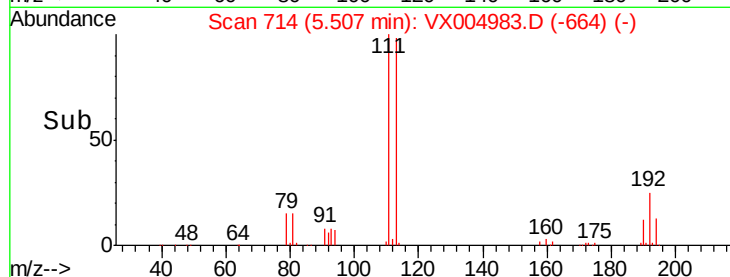
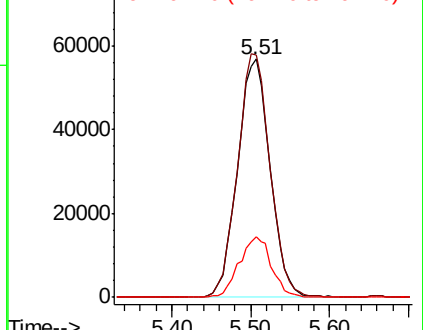
192 24.9 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.573 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

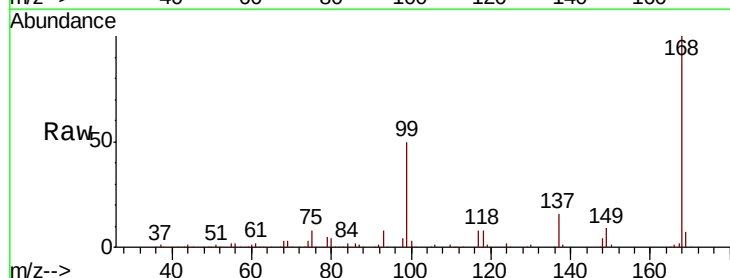
Tgt Ion: 75 Resp: 18064

Ion Ratio Lower Upper

75 100

110 8.8 20.0 59.9#

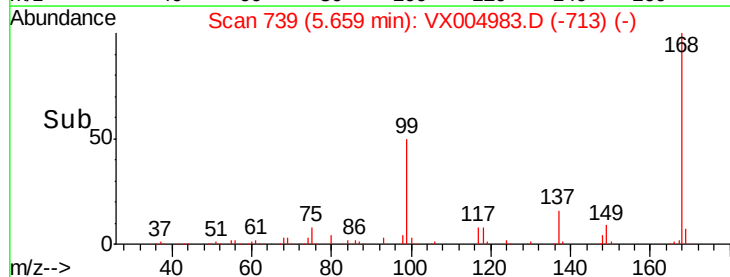
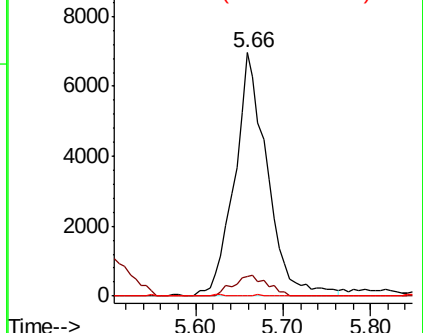
77 0.1 27.1 40.7#

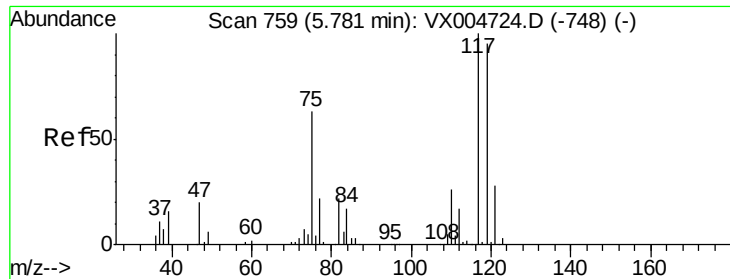


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.453 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

Instrument :

MSVOA\_X

ClientSampleId :

PB113446ZHE#09

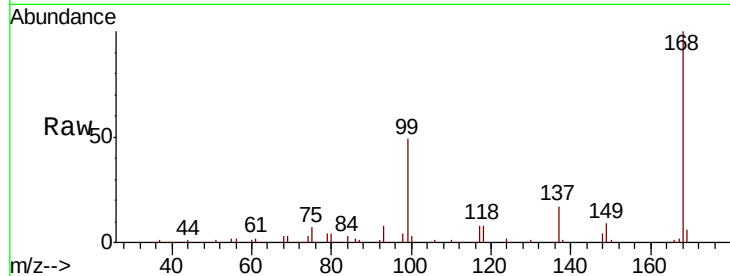
Tot Ion:117 Resp: 23661

Ion Ratio Lower Upper

117 100

119 5.8 75.2 112.8#

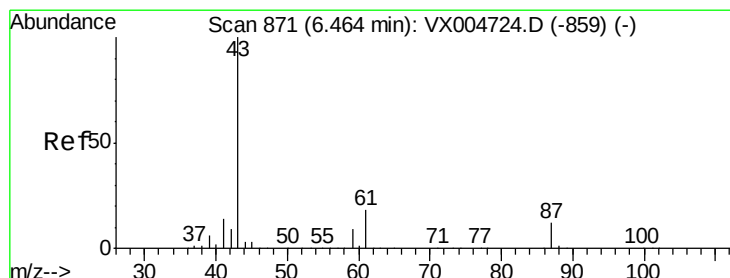
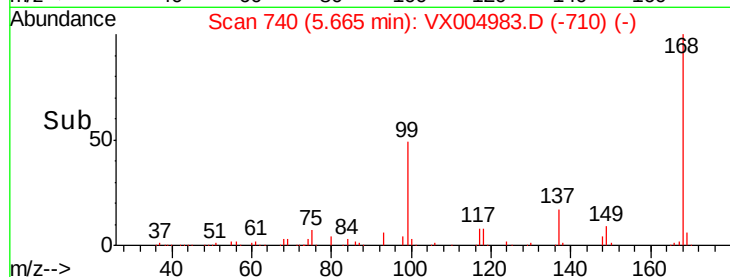
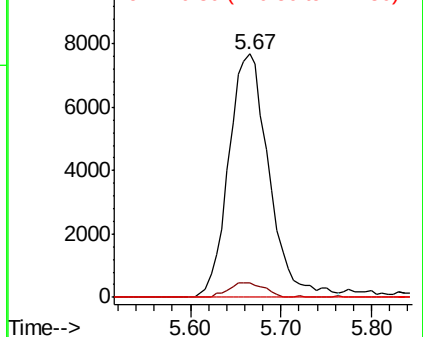
121 0.0 22.5 33.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 25.862 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

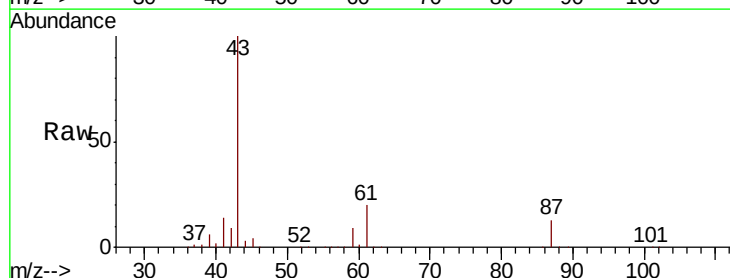
Tgt Ion: 43 Resp: 250473

Ion Ratio Lower Upper

43 100

61 20.0 14.2 21.4

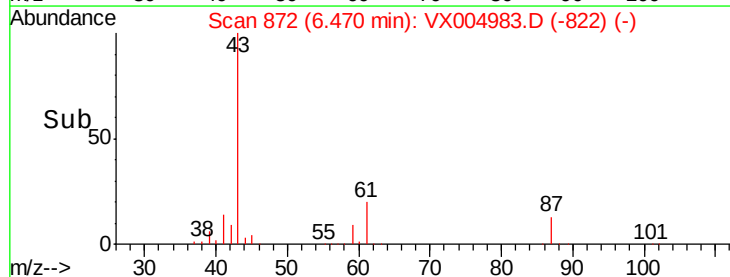
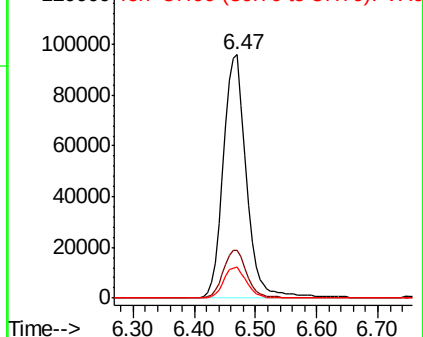
87 12.7 9.3 13.9

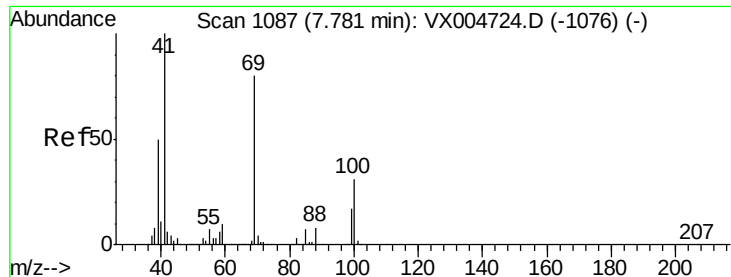


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

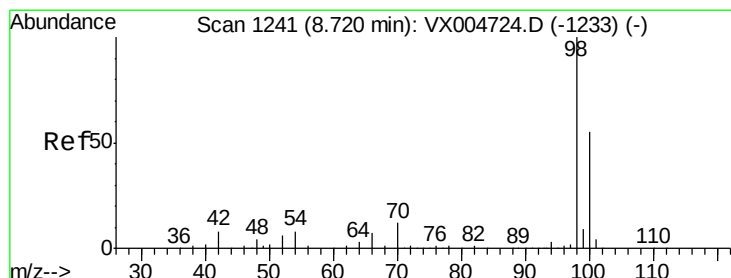
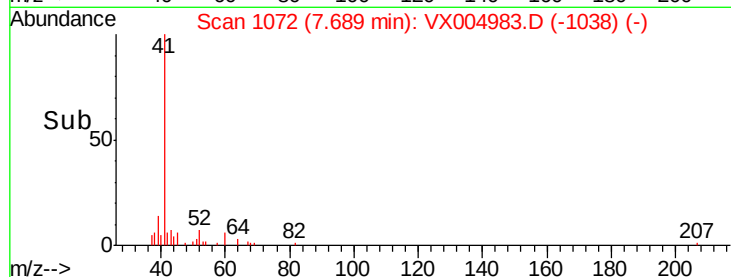
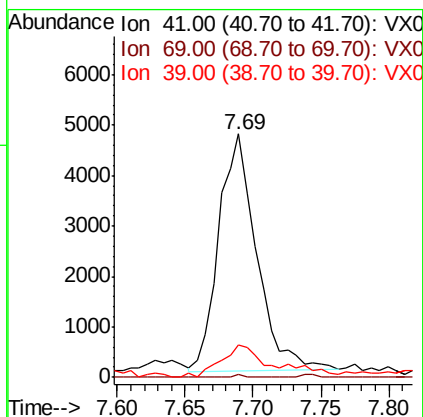
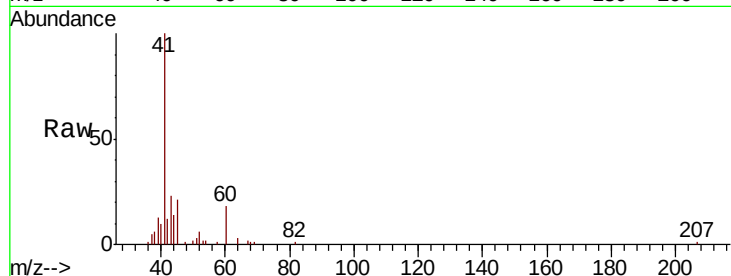




#48  
Methvl methacrylate  
Concen: 2.060 ug/l  
RT: 7.69 min Scan# 1072  
Delta R.T. -0.09 min  
Lab File: VX004983.D  
Acq: 03 Oct 2018 21:34

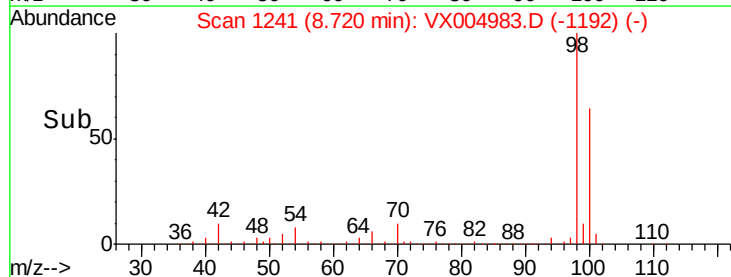
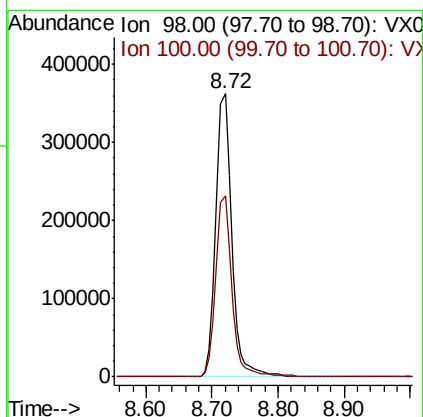
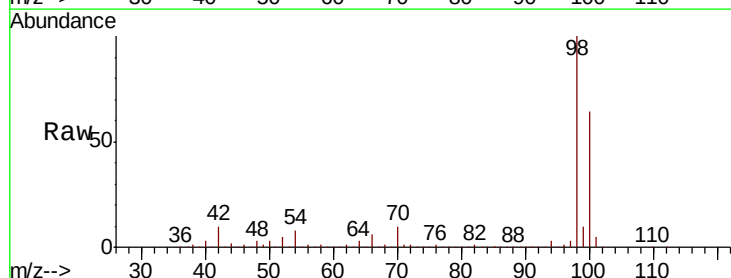
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB113446ZHE#09

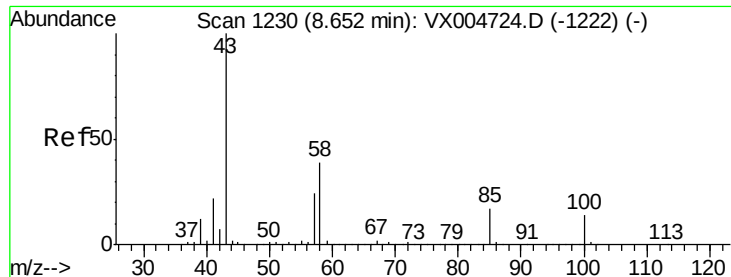
Tot Ion: 41 Resp: 9054  
Ion Ratio Lower Upper  
41 100  
69 0.2 63.8 95.6#  
39 14.6 40.7 61.1#



#50  
Toluene-d8  
Concen: 49.742 ug/l  
RT: 8.72 min Scan# 1241  
Delta R.T. 0.00 min  
Lab File: VX004983.D  
Acq: 03 Oct 2018 21:34

Tgt Ion: 98 Resp: 612700  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.9 77.9

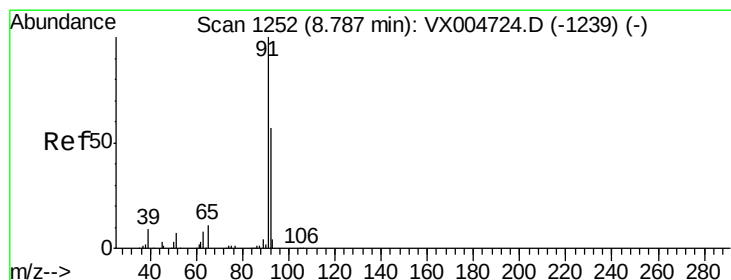
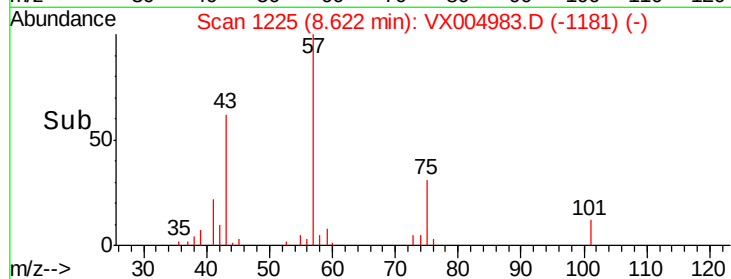
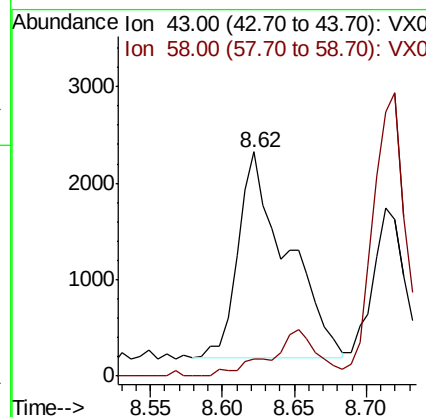
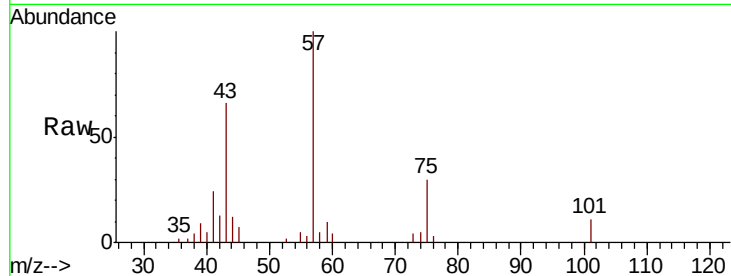




#51  
 4-Methyl-2-Pentanone  
 Concen: 0.825 ug/l  
 RT: 8.62 min Scan# 1225  
 Delta R.T. -0.03 min  
 Lab File: VX004983.D  
 Acq: 03 Oct 2018 21:34

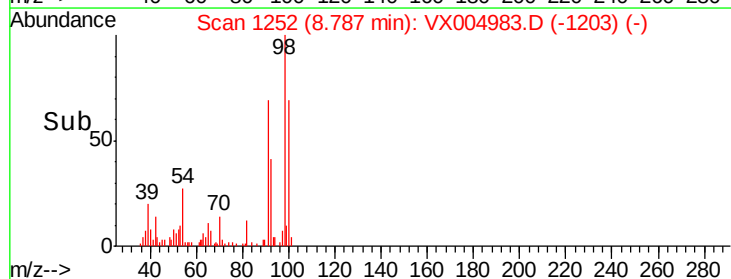
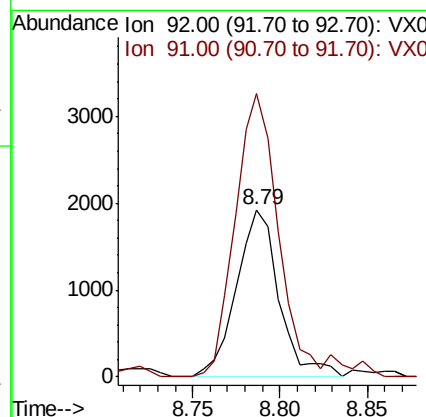
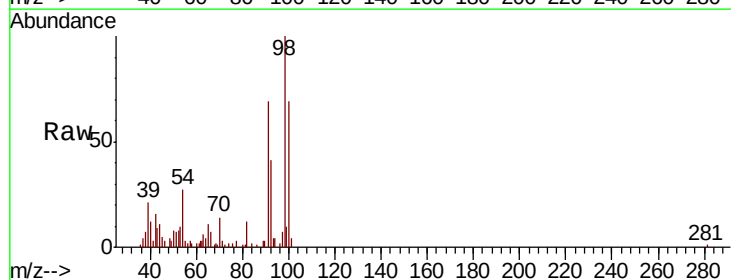
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB113446ZHE#09

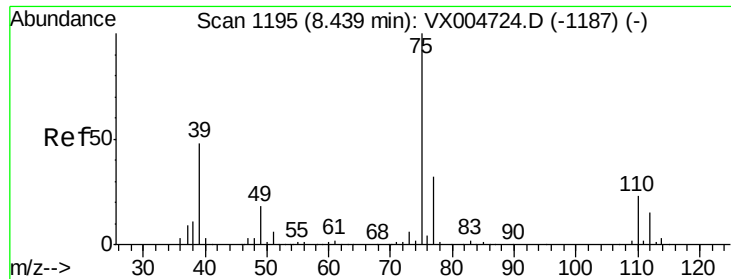
Tot Ion: 43 Resp: 5031  
 Ion Ratio Lower Upper  
 43 100  
 58 0.0 30.5 45.7#



#52  
 Toluene  
 Concen: 0.375 ug/l  
 RT: 8.79 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: VX004983.D  
 Acq: 03 Oct 2018 21:34

Tgt Ion: 92 Resp: 3259  
 Ion Ratio Lower Upper  
 92 100  
 91 169.3 136.7 205.1



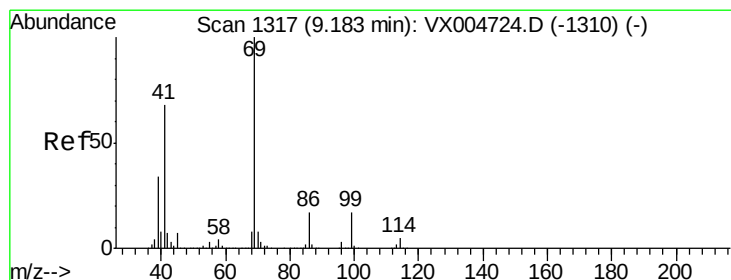
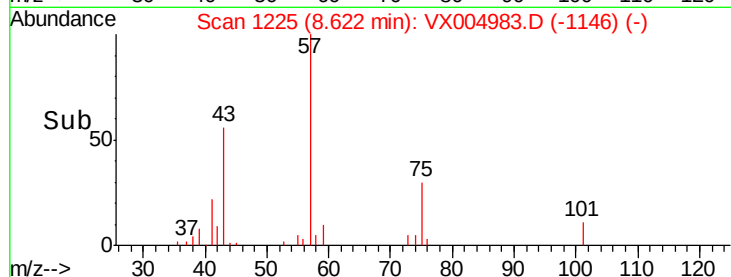
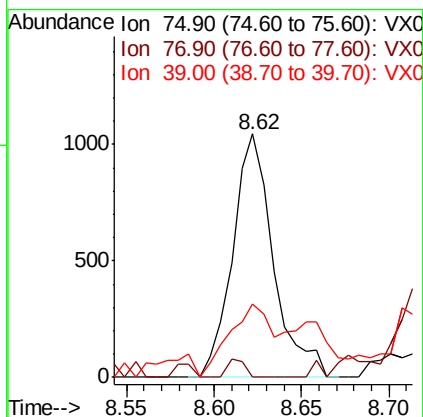
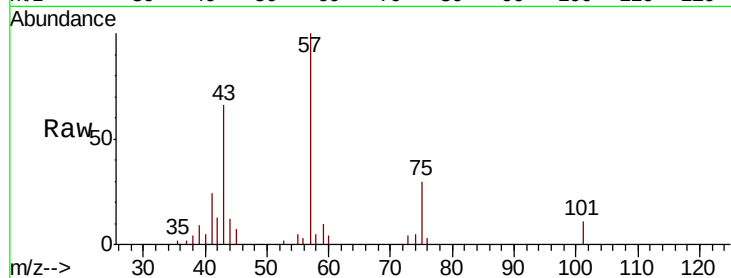


#54

cis-1,3-Dichloropropene  
 Concen: 0.312 ug/l  
 RT: 8.62 min Scan# 1225  
 Delta R.T. 0.18 min  
 Lab File: VX004983.D  
 Acq: 03 Oct 2018 21:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB113446ZHE#09

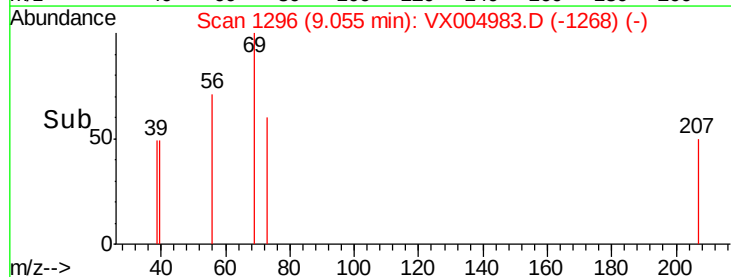
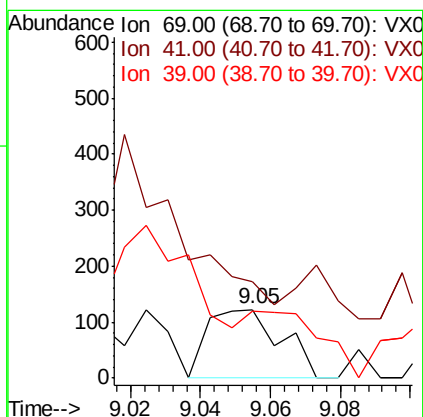
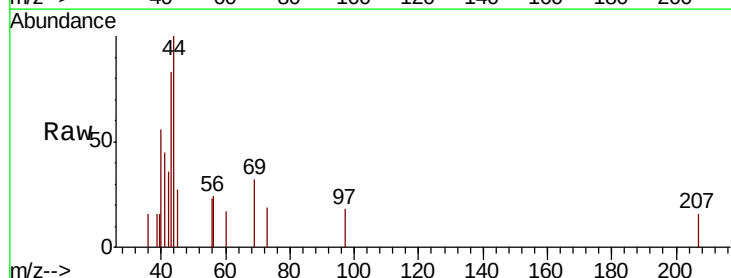
Tot Ion: 75 Resp: 1689  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 25.7 38.5#  
 39 22.0 38.3 57.5#

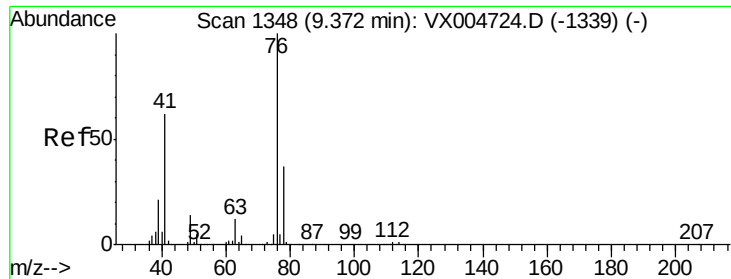


#56

Ethyl methacrylate  
 Concen: 2.889 ug/l  
 RT: 9.05 min Scan# 1296  
 Delta R.T. -0.13 min  
 Lab File: VX004983.D  
 Acq: 03 Oct 2018 21:34

Tgt Ion: 69 Resp: 179  
 Ion Ratio Lower Upper  
 69 100  
 41 0.0 56.9 85.3#  
 39 0.0 28.4 42.6#

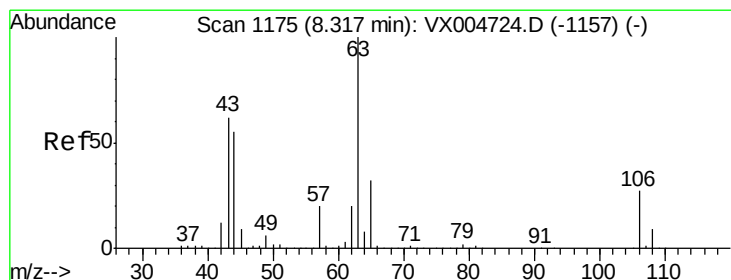
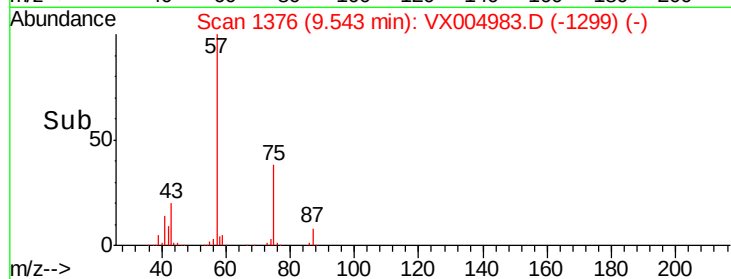
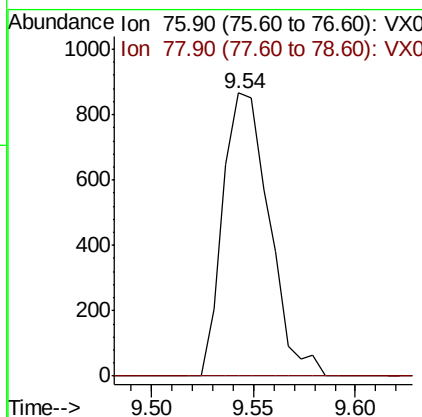
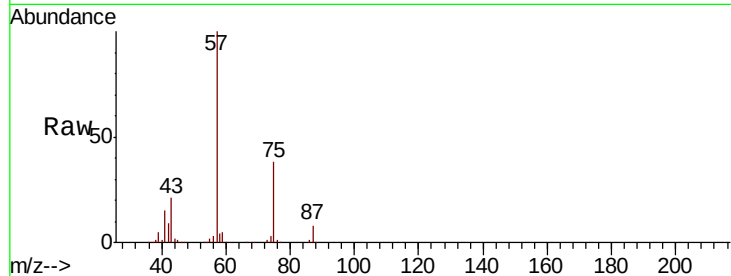




#57  
 1,3-Dichloropropane  
 Concen: 0.215 ug/l  
 RT: 9.54 min Scan# 1376  
 Delta R.T. 0.17 min  
 Lab File: VX004983.D  
 Acq: 03 Oct 2018 21:34

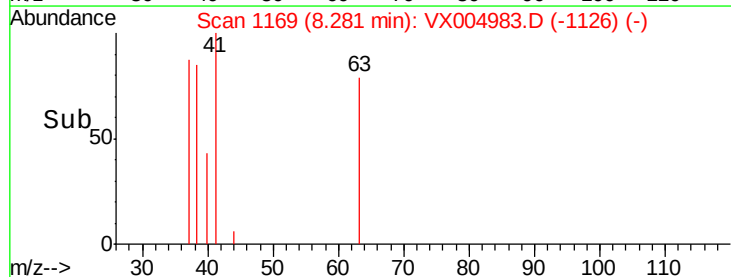
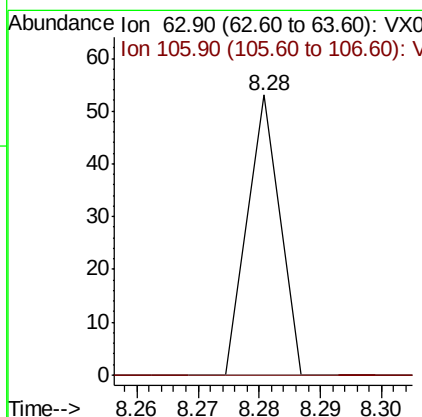
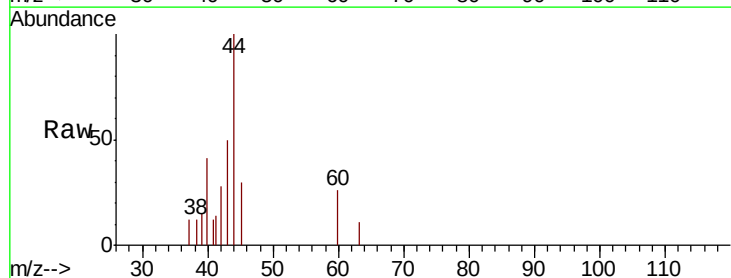
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB113446ZHE#09

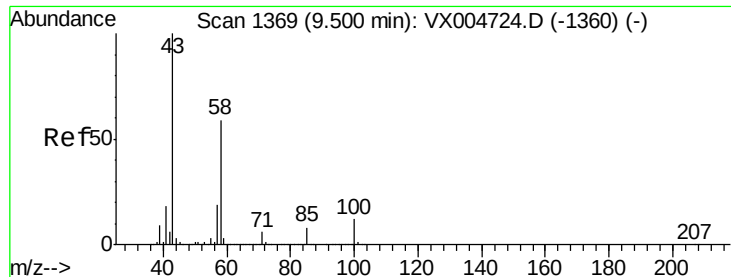
Tot Ion: 76 Resp: 1365  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 26.6 40.0#



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 14.248 ug/l  
 RT: 8.28 min Scan# 1169  
 Delta R.T. -0.04 min  
 Lab File: VX004983.D  
 Acq: 03 Oct 2018 21:34

Tgt Ion: 63 Resp: 19  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 21.0 31.6#

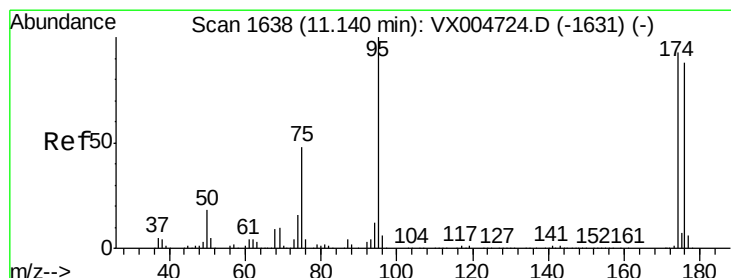
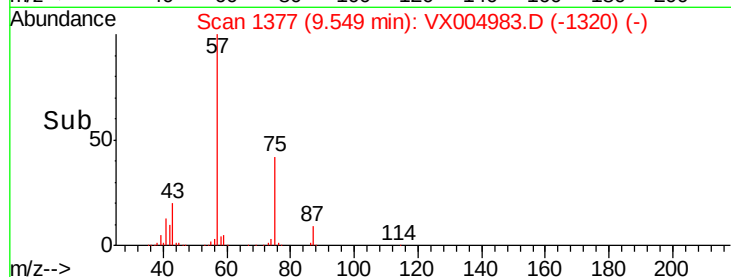
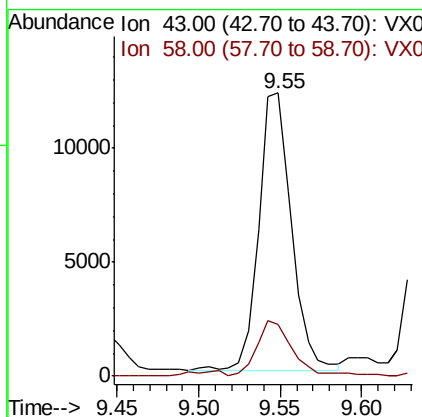
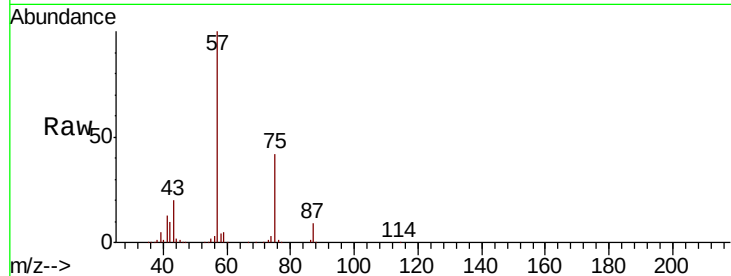




#59  
2-Hexanone  
Concen: 3.333 ug/l  
RT: 9.55 min Scan# 1377  
Delta R.T. 0.05 min  
Lab File: VX004983.D  
Acq: 03 Oct 2018 21:34

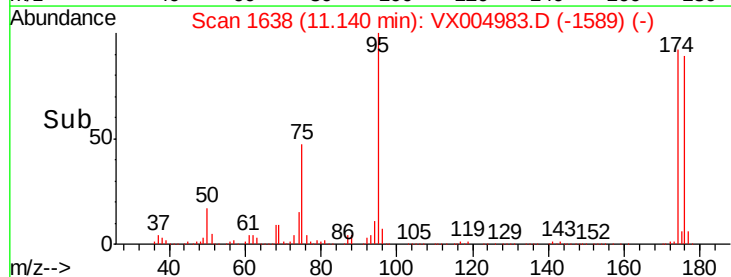
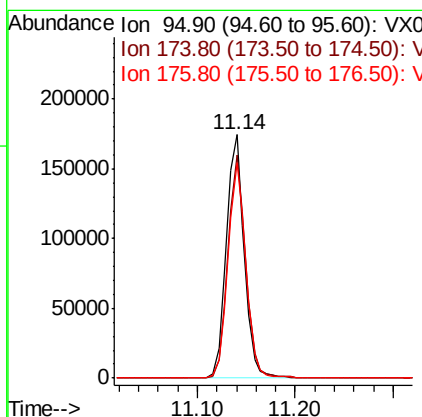
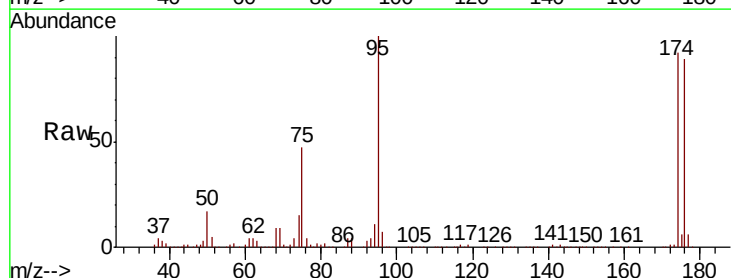
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB113446ZHE#09

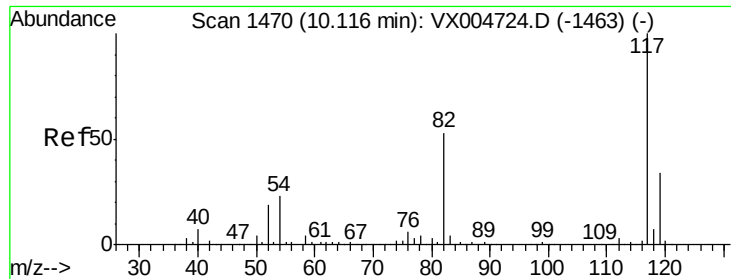
Tot Ion: 43 Resp: 16940  
Ion Ratio Lower Upper  
43 100  
58 22.0 28.4 85.3#



#62  
4-Bromofluorobenzene  
Concen: 50.007 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. 0.00 min  
Lab File: VX004983.D  
Acq: 03 Oct 2018 21:34

Tgt Ion: 95 Resp: 221903  
Ion Ratio Lower Upper  
95 100  
174 91.7 0.0 185.0  
176 88.4 0.0 180.2

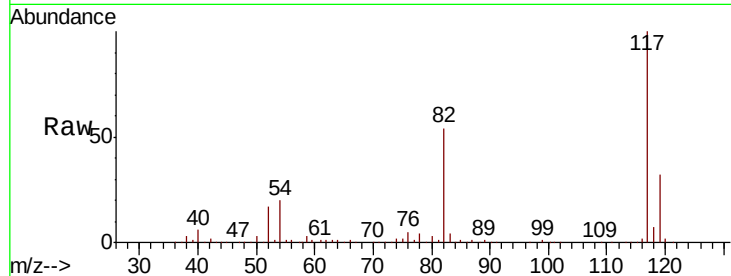




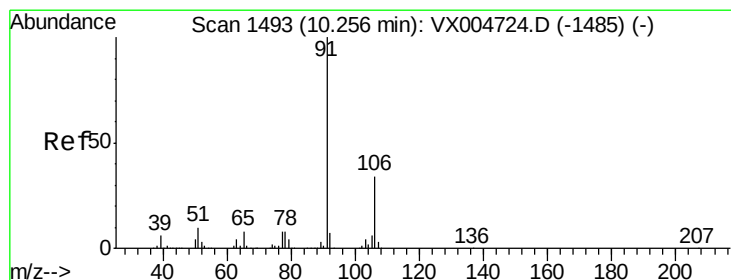
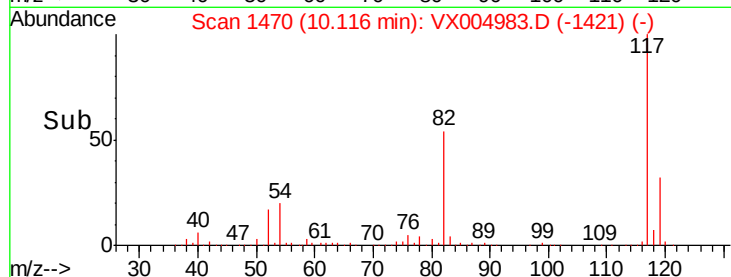
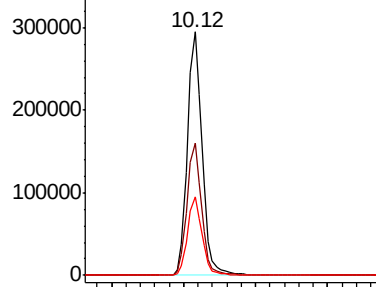
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX004983.D  
Acq: 03 Oct 2018 21:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB113446ZHE#09

Tot Ion:117 Resp: 414915  
Ion Ratio Lower Upper  
117 100  
82 54.4 42.2 63.4  
119 32.0 27.4 41.0

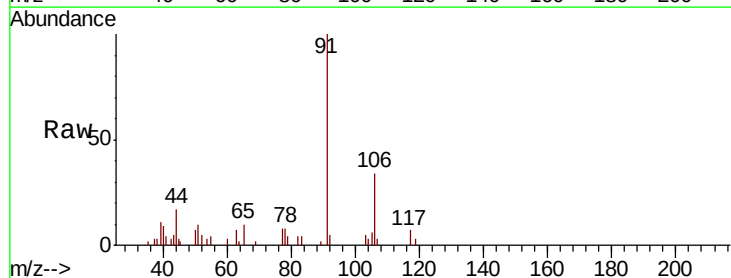


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

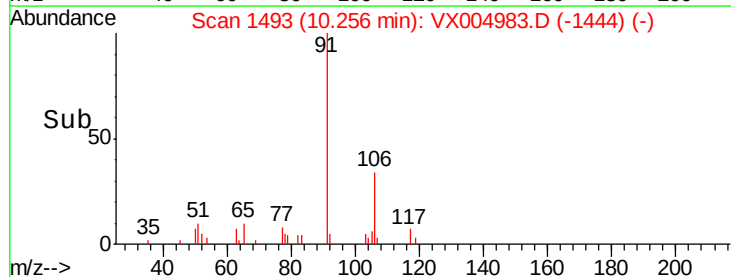
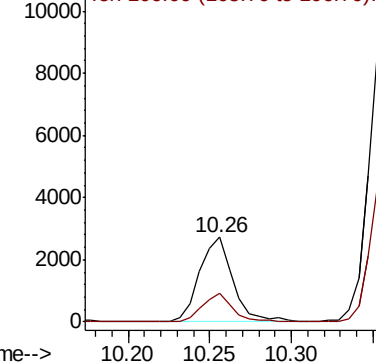


#67  
Ethyl Benzene  
Concen: 0.229 ug/l  
RT: 10.26 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VX004983.D  
Acq: 03 Oct 2018 21:34

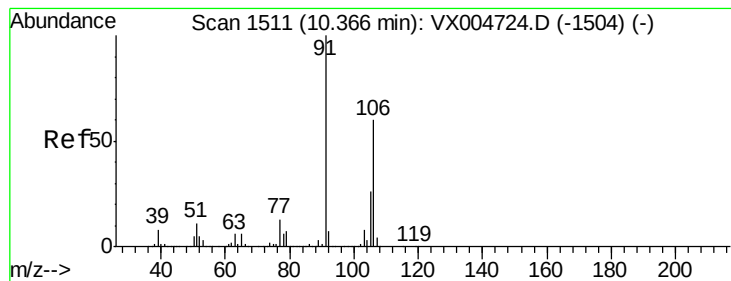
Tgt Ion: 91 Resp: 3865  
Ion Ratio Lower Upper  
91 100  
106 34.1 26.9 40.3



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 106.00 (105.70 to 106.70): V







#68

m/p-Xylenes

Concen: 1.116 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

Instrument :

MSVOA\_X

ClientSampleId :

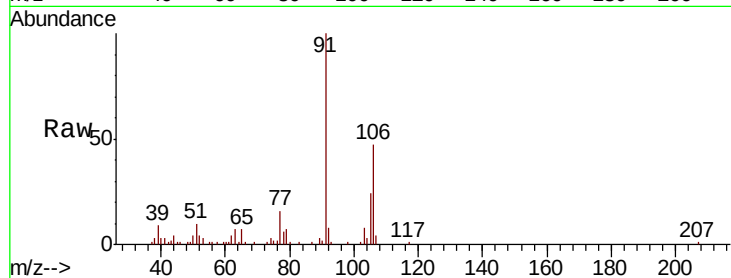
PB113446ZHE#09

Tot Ion:106 Resp: 7369

Ion Ratio Lower Upper

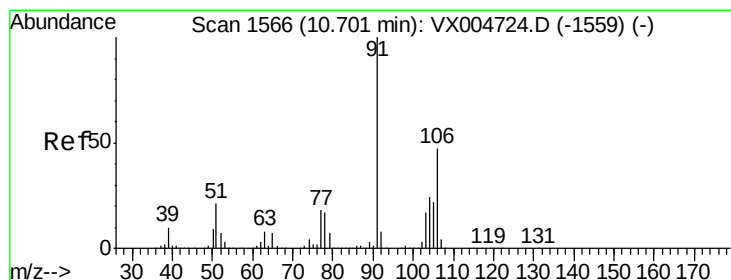
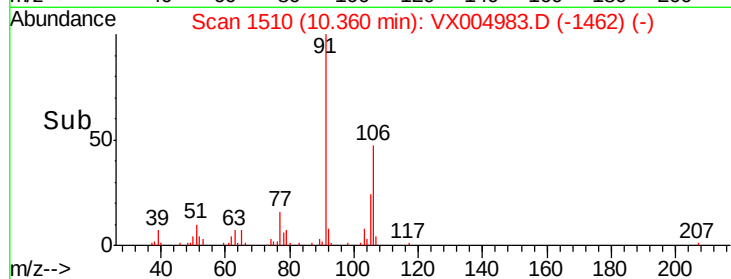
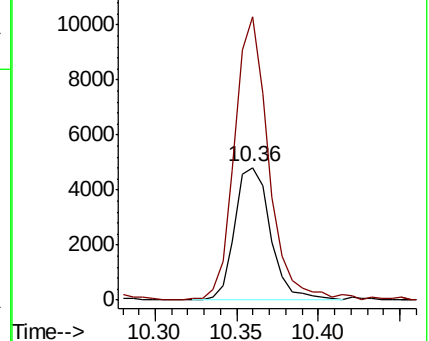
106 100

91 204.1 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.428 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX004983.D

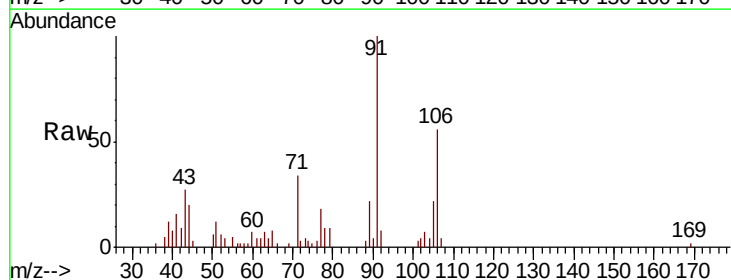
Acq: 03 Oct 2018 21:34

Tgt Ion:106 Resp: 2596

Ion Ratio Lower Upper

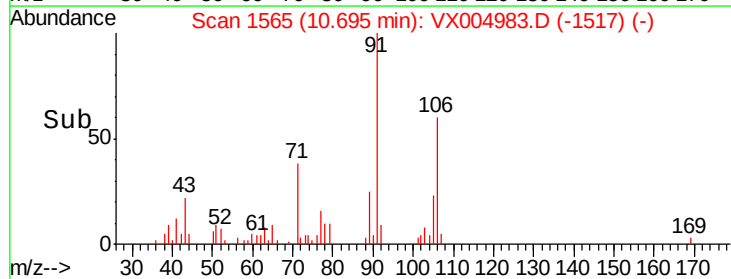
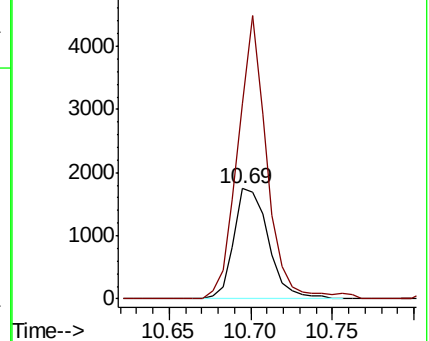
106 100

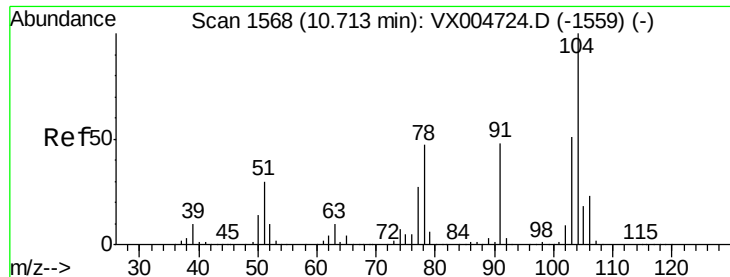
91 214.4 108.3 324.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 2.174 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

Instrument :

MSVOA\_X

ClientSampleId :

PB113446ZHE#09

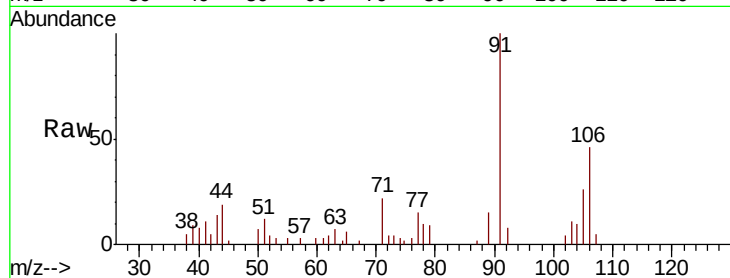
Tot Ion:104 Resp: 400

Ion Ratio Lower Upper

104 100

78 152.0 40.0 60.0#

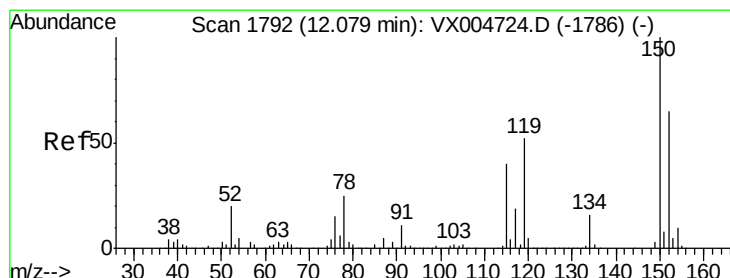
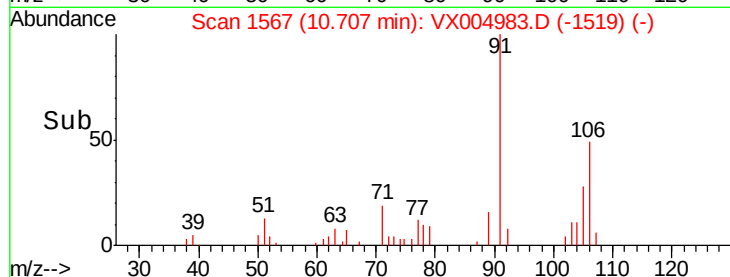
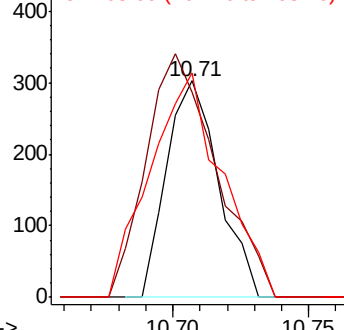
103 143.3 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

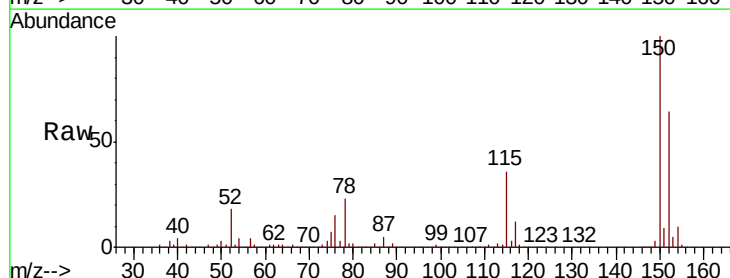
Tgt Ion:152 Resp: 226630

Ion Ratio Lower Upper

152 100

115 55.3 40.2 120.6

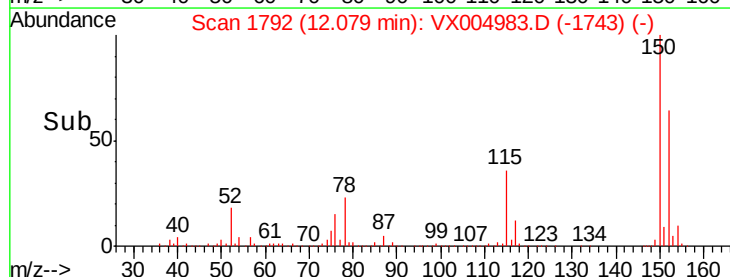
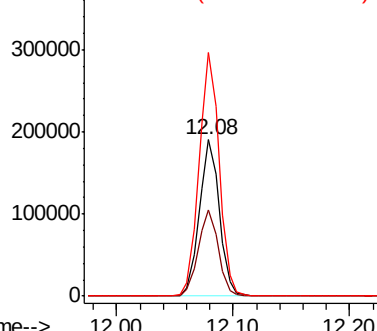
150 157.3 0.0 351.0

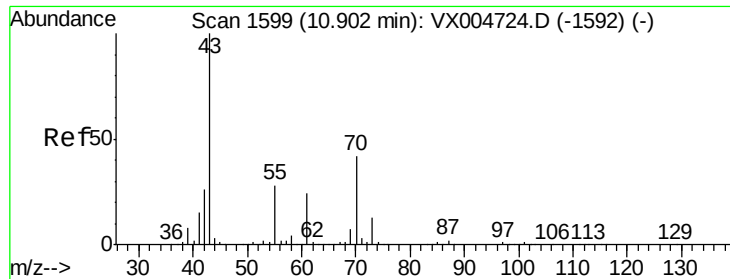


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

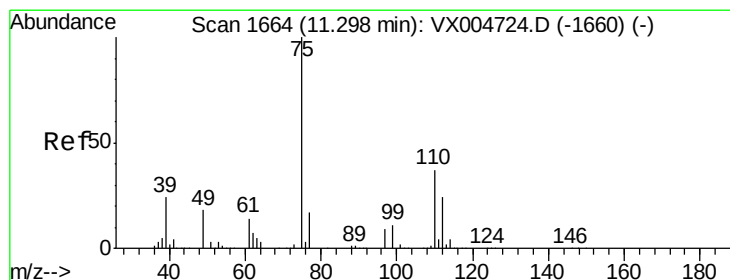
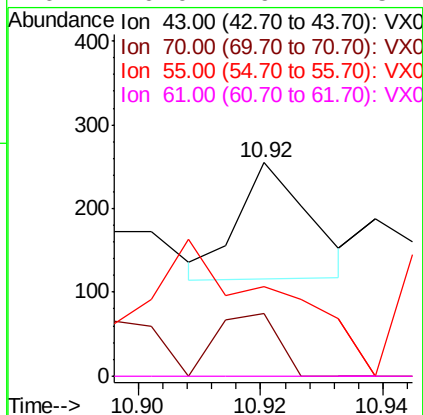
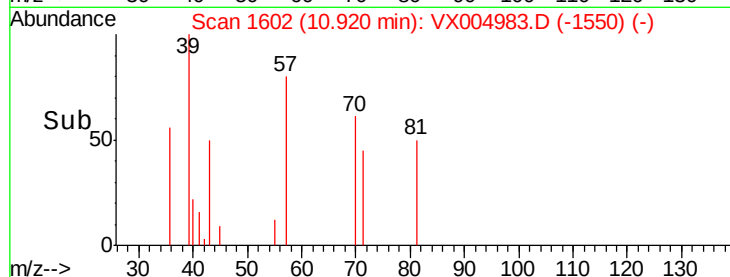
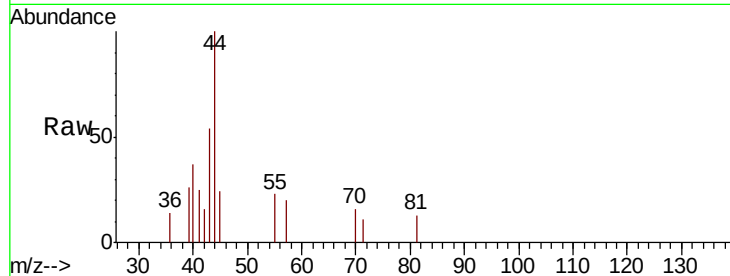




#74  
N-amvl acetate  
Concen: 1.761 ug/l  
RT: 10.92 min Scan# 1602  
Delta R.T. 0.02 min  
Lab File: VX004983.D  
Acq: 03 Oct 2018 21:34

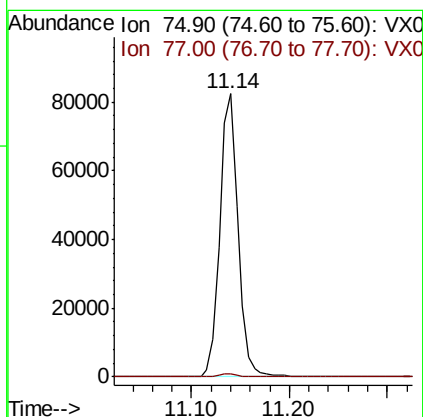
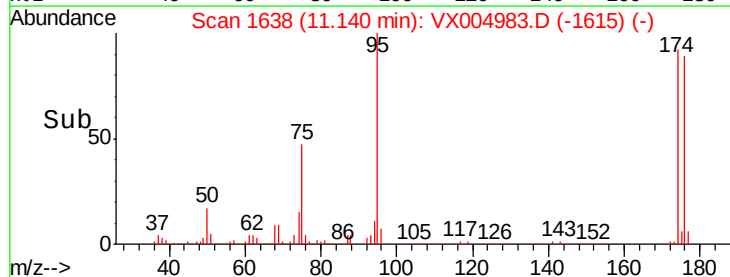
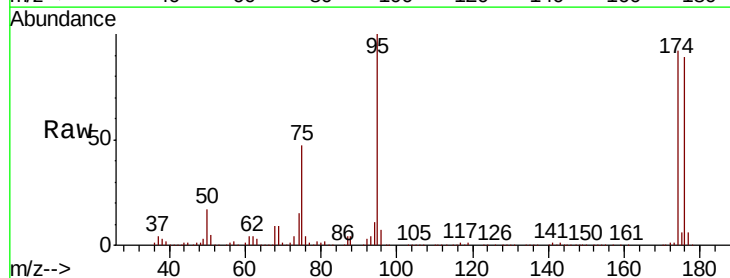
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB113446ZHE#09

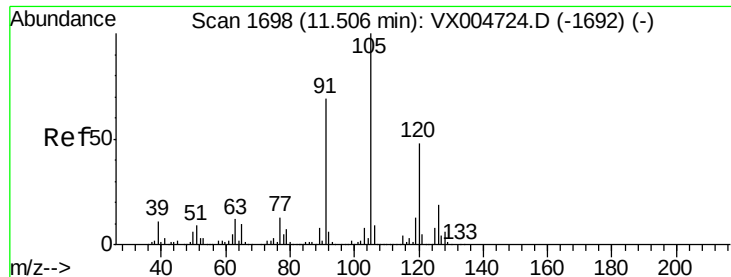
Tot Ion: 43 Resp: 111  
Ion Ratio Lower Upper  
43 100  
70 46.8 32.6 48.8  
55 224.3 21.6 32.4#  
61 0.0 19.1 28.7#



#76  
1,2,3-Trichloropropane  
Concen: 20.928 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. -0.16 min  
Lab File: VX004983.D  
Acq: 03 Oct 2018 21:34

Tgt Ion: 75 Resp: 106307  
Ion Ratio Lower Upper  
75 100  
77 1.4 21.4 64.3#





#80

1,3,5-Trimethylbenzene

Concen: 0.265 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

Instrument :

MSVOA\_X

ClientSampleId :

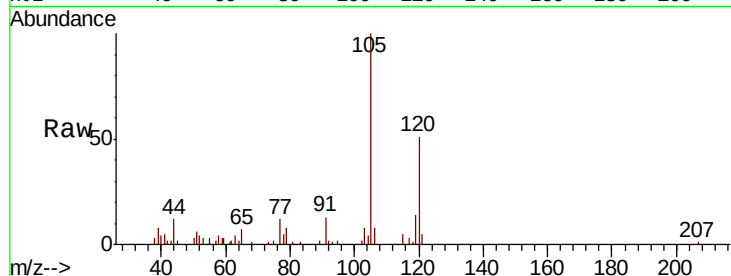
PB113446ZHE#09

Tot Ion:105 Resp: 6038

Ion Ratio Lower Upper

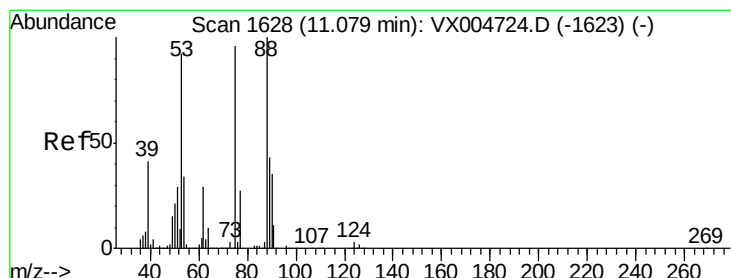
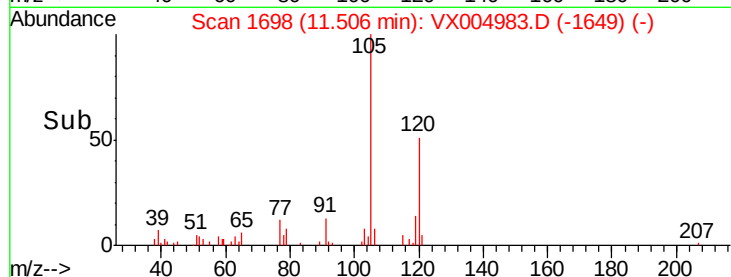
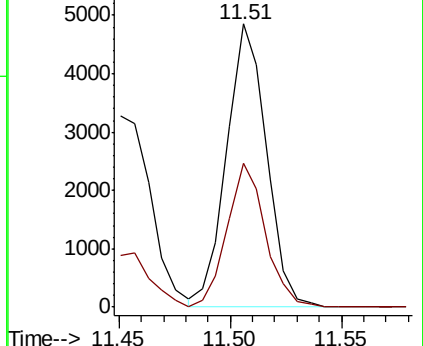
105 100

120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 56.798 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

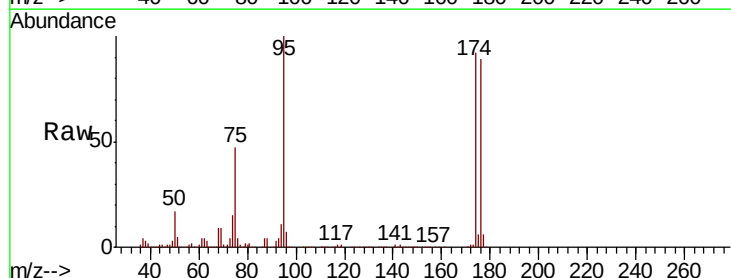
Tgt Ion: 75 Resp: 106307

Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.4#

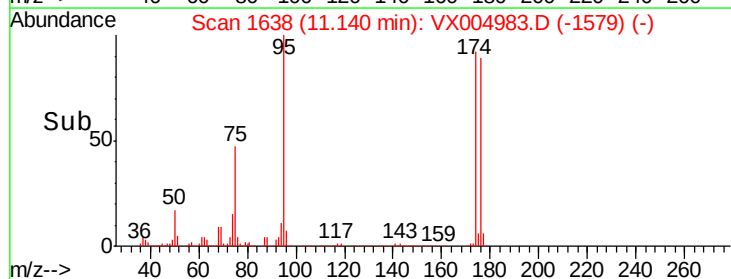
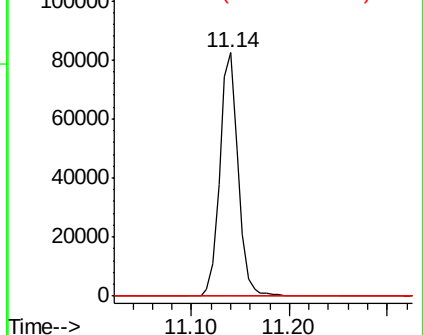
89 0.0 37.1 55.7#

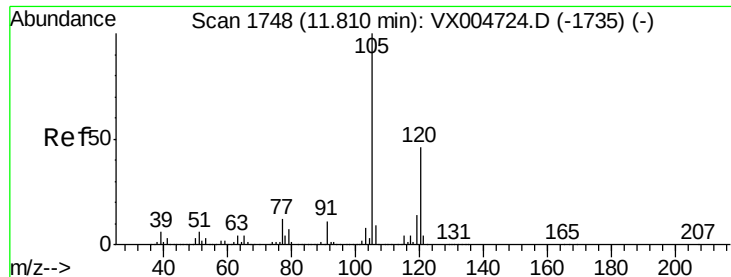


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#84

1,2,4-Trimethylbenzene

Concen: 0.710 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

Instrument :

MSVOA\_X

ClientSampleId :

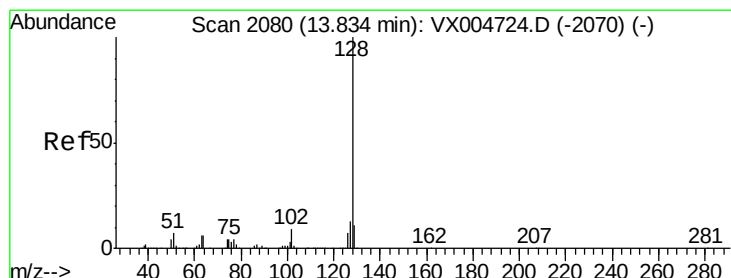
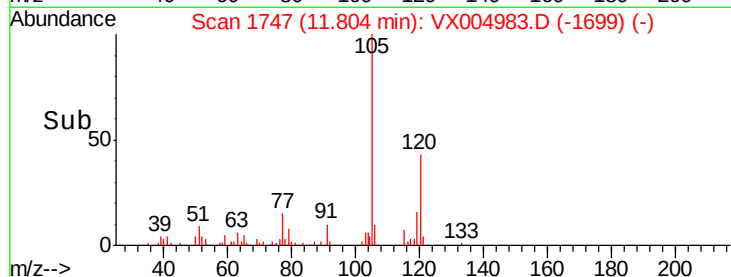
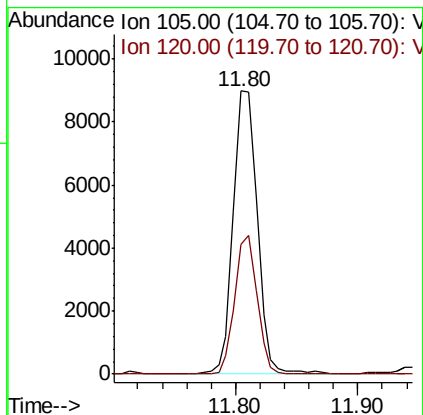
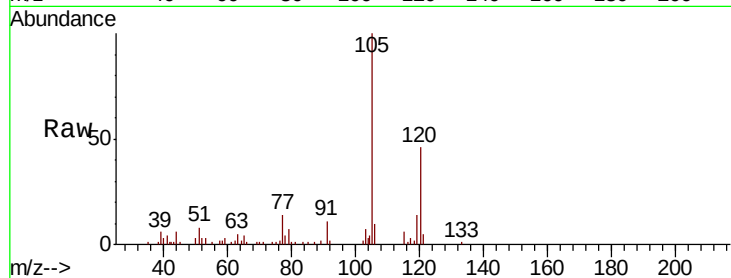
PB113446ZHE#09

Tot Ion:105 Resp: 12222

Ion Ratio Lower Upper

105 100

120 45.2 22.8 68.3



#95

Naphthalene

Concen: 1.545 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

Tgt Ion:128 Resp: 15783

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.2 8.7 13.1

