

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
 Data File : VX005863.D  
 Acq On : 09 Nov 2018 15:58  
 Operator : JC/MD  
 Sample : PB114659ZHE#06  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB114659ZHE#06

Quant Time: Nov 11 23:51:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 109512   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 148397   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 139297   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 64631    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 68540    | 54.44 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.88% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 54259    | 53.76 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.52% |      |
| 50) Toluene-d8            | 8.71   | 98  | 185853   | 55.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.78% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 62352    | 51.68 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.36% |      |

## Target Compounds

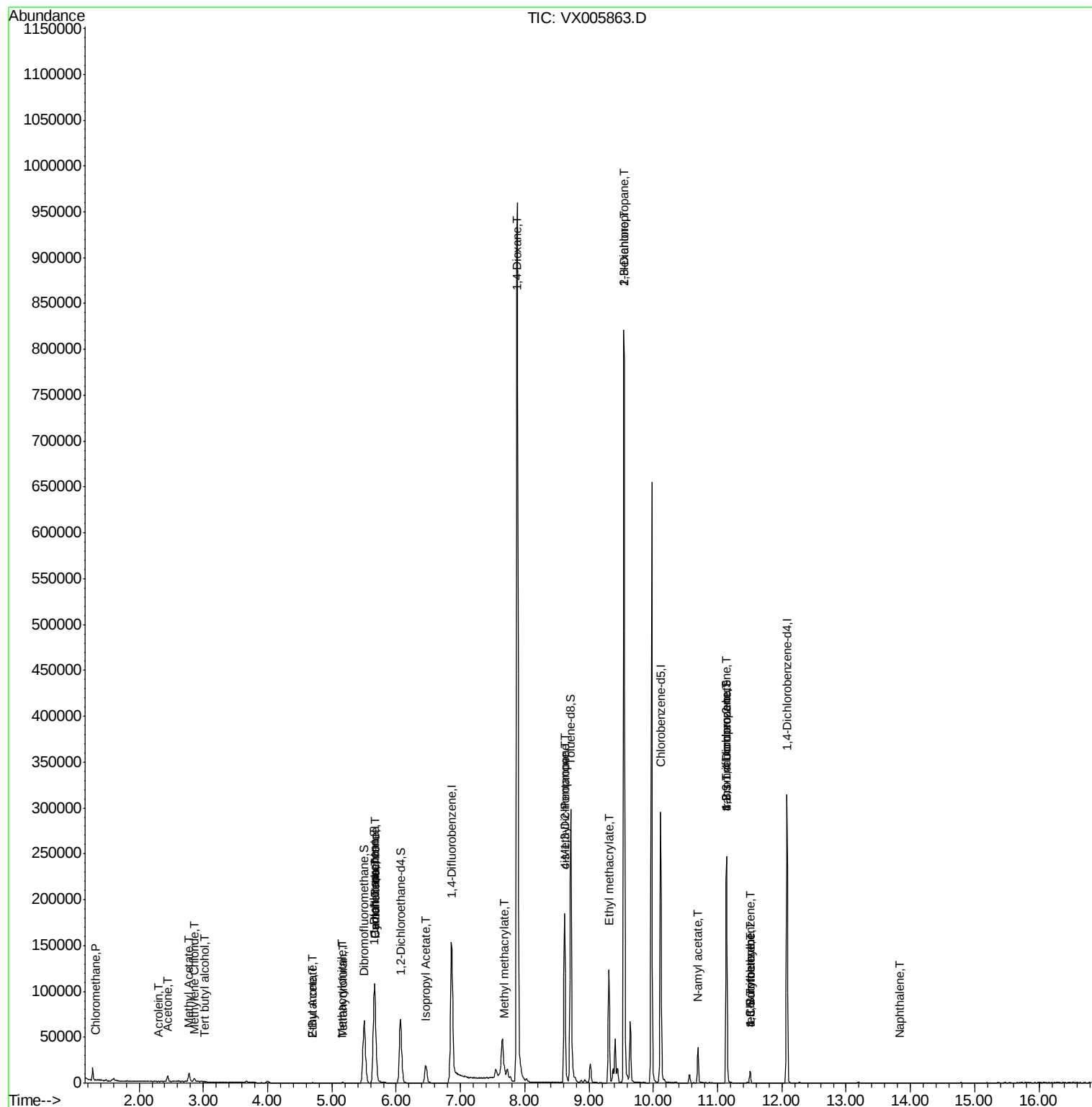
|                                |       |     |        |           |        | Qvalue |
|--------------------------------|-------|-----|--------|-----------|--------|--------|
| 3) Chloromethane               | 1.32  | 50  | 332    | 0.256     | ug/l   | 92     |
| 11) Tert butyl alcohol         | 3.02  | 59  | 411    | 1.140     | ug/l # | 72     |
| 13) Acrolein                   | 2.30  | 56  | 19     | 19.266    | ug/l # | 14     |
| 16) Acetone                    | 2.45  | 43  | 6189   | 9.130     | ug/l   | 94     |
| 18) Methyl Acetate             | 2.78  | 43  | 12254  | 5.423     | ug/l   | 97     |
| 20) Methylene Chloride         | 2.86  | 84  | 1483   | 1.332     | ug/l   | 87     |
| 25) 2-Butanone                 | 4.70  | 43  | 861    | 0.808     | ug/l   | 95     |
| 29) Tetrahydrofuran            | 5.17  | 42  | 427    | 0.624     | ug/l # | 53     |
| 31) Cyclohexane                | 5.67  | 56  | 2066   | 1.178     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.65  | 75  | 7833   | 5.475     | ug/l # | 49     |
| 37) Ethyl Acetate              | 4.70  | 43  | 861    | 0.458     | ug/l # | 69     |
| 38) Carbon Tetrachloride       | 5.67  | 117 | 9880   | 6.899     | ug/l # | 17     |
| 41) Methacrylonitrile          | 5.16  | 41  | 233    | 0.229     | ug/l # | 25     |
| 43) Isopropyl Acetate          | 6.45  | 43  | 26594  | 9.756     | ug/l   | 99     |
| 48) Methyl methacrylate        | 7.68  | 41  | 10357  | 8.462     | ug/l # | 16     |
| 49) 1,4-Dioxane                | 7.88  | 88  | 108    | 4.095     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43  | 63578  | 37.007    | ug/l # | 51     |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75  | 27789  | 19.246    | ug/l # | 63     |
| 56) Ethyl methacrylate         | 9.30  | 69  | 630    | 0.405     | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 9.54  | 76  | 6766   | 3.876     | ug/l # | 43     |
| 59) 2-Hexanone                 | 9.54  | 43  | 103123 | 68.098    | ug/l # | 52     |
| 74) N-amyl acetate             | 10.69 | 43  | 9398   | 5.620     | ug/l # | 54     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75  | 31470  | 23.913    | ug/l # | 36     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105 | 5449   | 1.716     | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75  | 31470  | 76.214    | ug/l # | 9      |
| 82) 4-Chlorotoluene            | 11.51 | 91  | 721    | 0.230     | ug/l # | 44     |
| 83) tert-Butylbenzene          | 11.51 | 119 | 744    | 0.232     | ug/l # | 48     |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105 | 241    | Below Cal |        | 77     |
| 95) Naphthalene                | 13.83 | 128 | 168    | 1.213     | ug/l # | 69     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
Data File : VX005863.D  
Acq On : 09 Nov 2018 15:58  
Operator : JC/MD  
Sample : PB114659ZHE#06  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB114659ZHE#06

Quant Time: Nov 11 23:51:16 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 07 14:40:53 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: VX005863.D

Acq: 09 Nov 2018 15:58

Instrument :

MSVOA\_X

ClientSampleId :

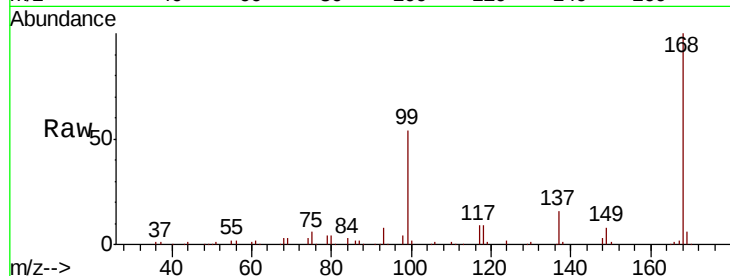
PB114659ZHE#06

Tot Ion:168 Resp: 109512

Ion Ratio Lower Upper

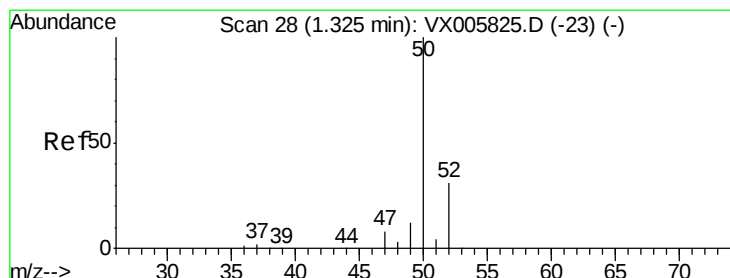
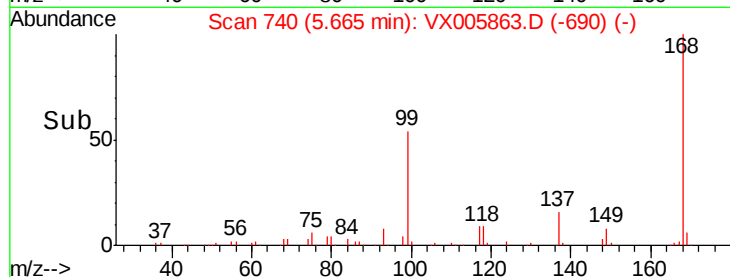
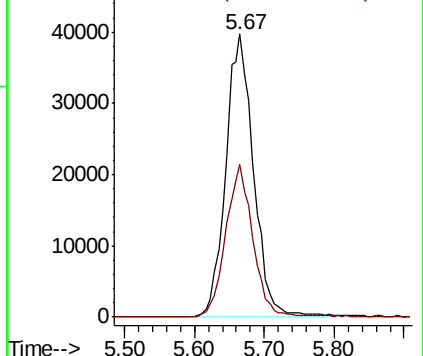
168 100

99 53.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.256 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005863.D

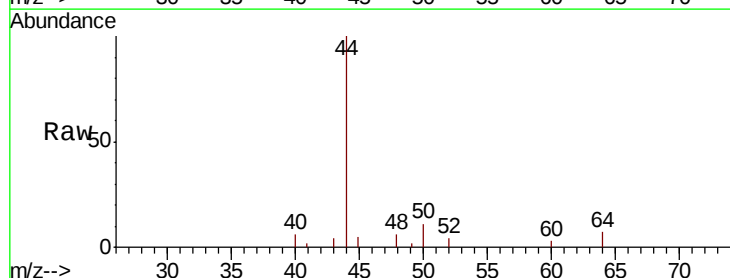
Acq: 09 Nov 2018 15:58

Tgt Ion: 50 Resp: 332

Ion Ratio Lower Upper

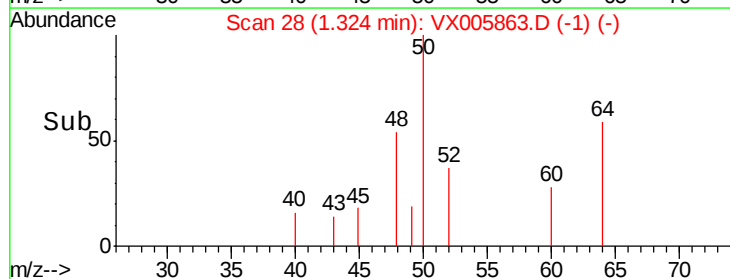
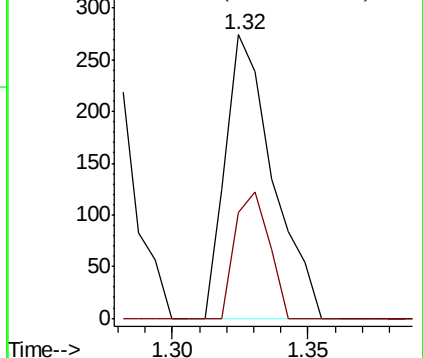
50 100

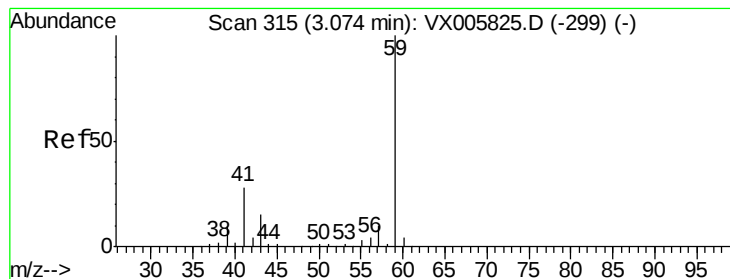
52 37.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



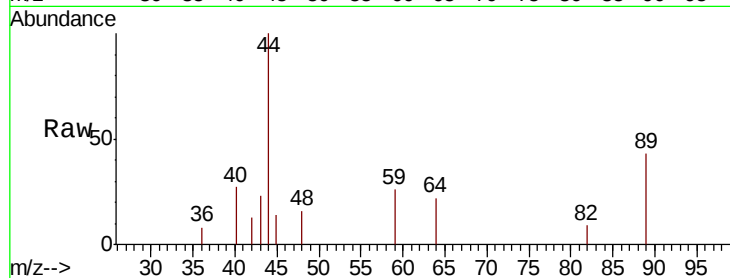


#11

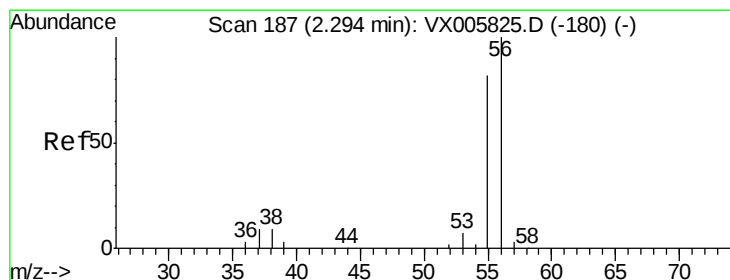
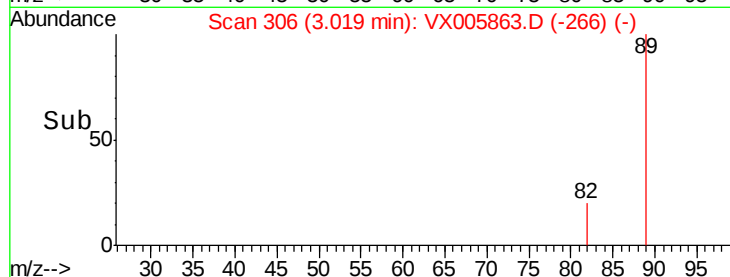
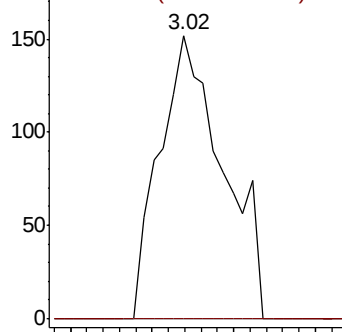
Tert butyl alcohol  
 Concen: 1.140 ug/l  
 RT: 3.02 min Scan# 306  
 Delta R.T. -0.06 min  
 Lab File: VX005863.D  
 Acq: 09 Nov 2018 15:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB114659ZHE#06

Tot Ion: 59 Resp: 411  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.5 12.7#



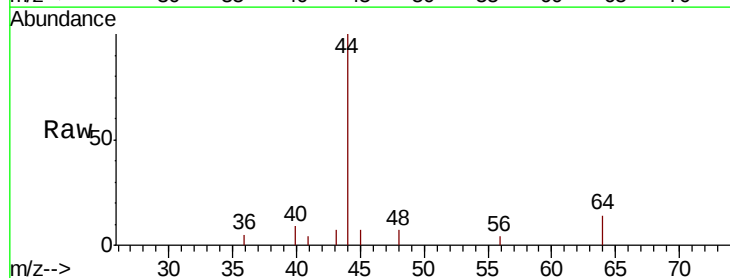
Abundance Ion 59.00 (58.70 to 59.70): VX0  
 Ion 57.00 (56.70 to 57.70): VX0



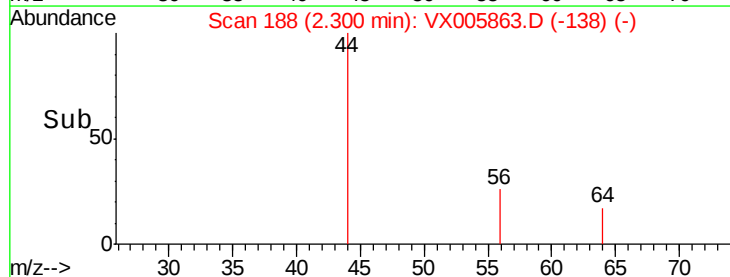
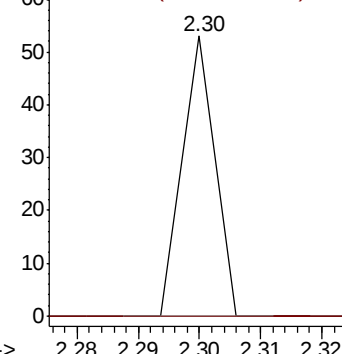
#13

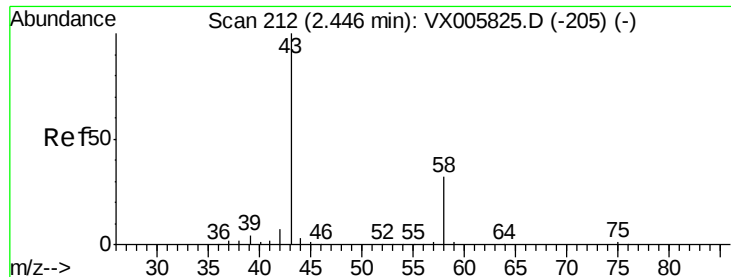
Acrolein  
 Concen: 19.266 ug/l  
 RT: 2.30 min Scan# 188  
 Delta R.T. 0.01 min  
 Lab File: VX005863.D  
 Acq: 09 Nov 2018 15:58

Tgt Ion: 56 Resp: 19  
 Ion Ratio Lower Upper  
 56 100  
 55 0.0 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0  
 Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 9.130 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005863.D

Acq: 09 Nov 2018 15:58

Instrument :

MSVOA\_X

ClientSampleId :

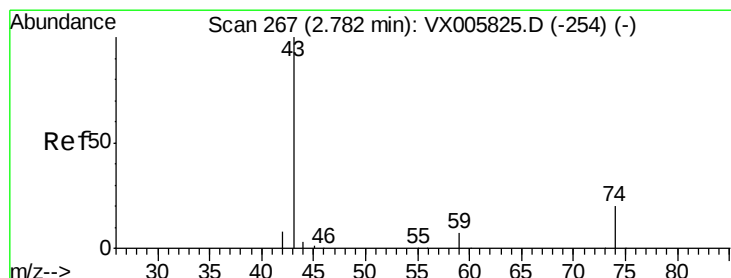
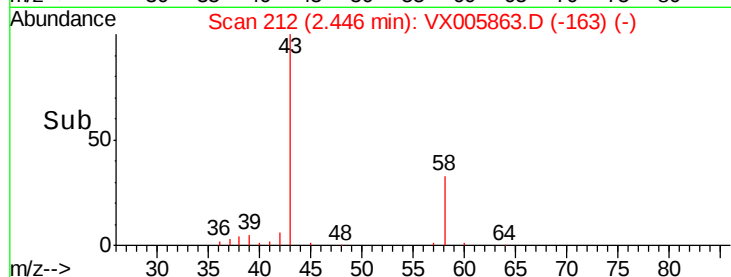
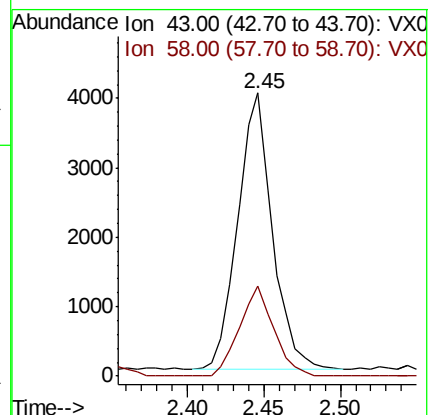
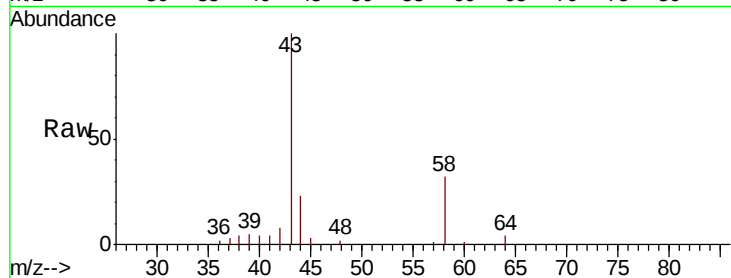
PB114659ZHE#06

Tot Ion: 43 Resp: 6189

Ion Ratio Lower Upper

43 100

58 32.7 23.8 35.6



#18

Methyl Acetate

Concen: 5.423 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005863.D

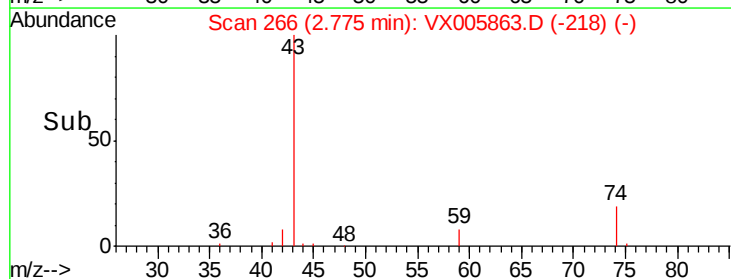
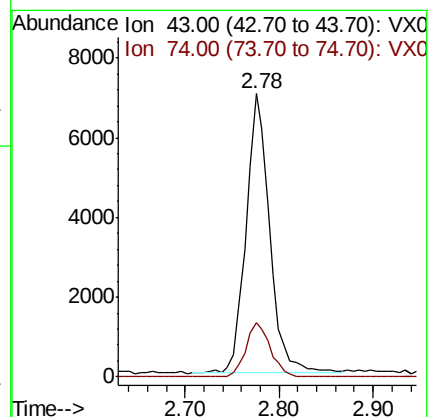
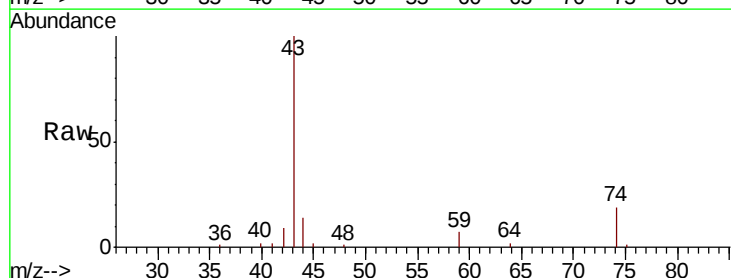
Acq: 09 Nov 2018 15:58

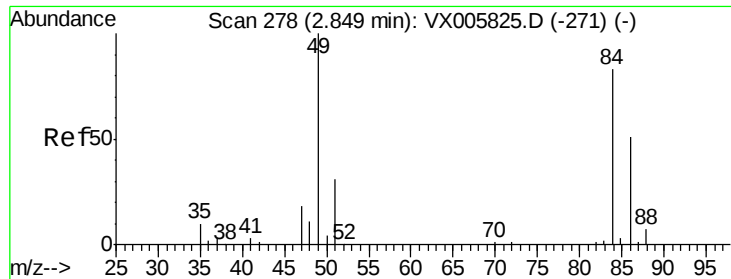
Tgt Ion: 43 Resp: 12254

Ion Ratio Lower Upper

43 100

74 19.8 16.8 25.2

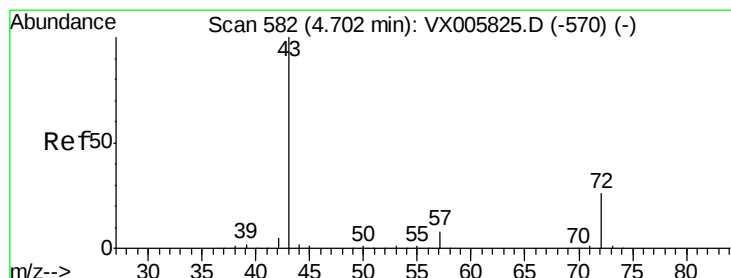
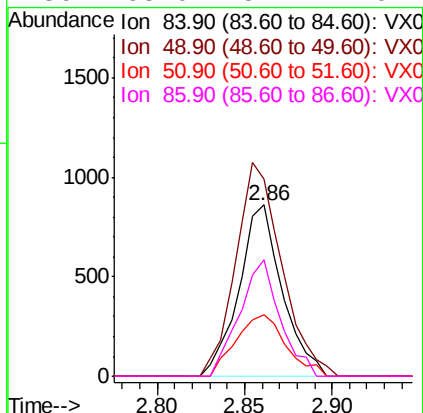
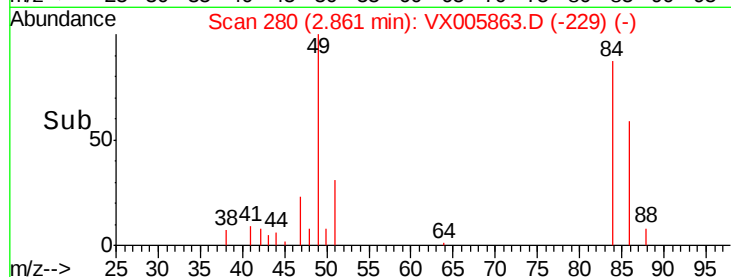
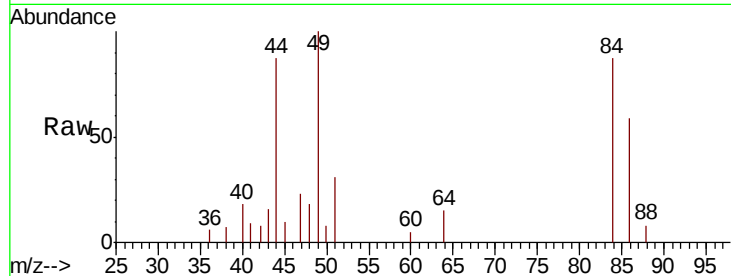




#20  
Methvlene Chloride  
Concen: 1.332 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX005863.D  
Acq: 09 Nov 2018 15:58

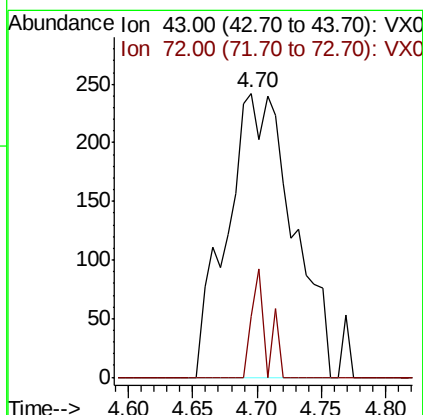
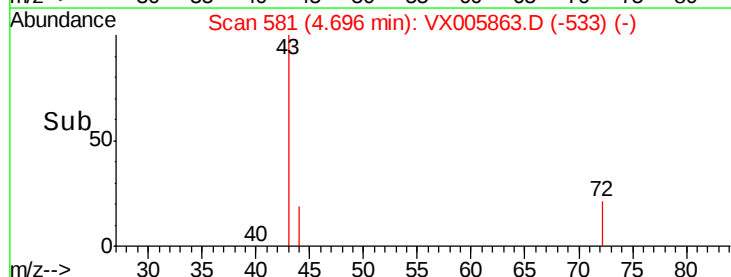
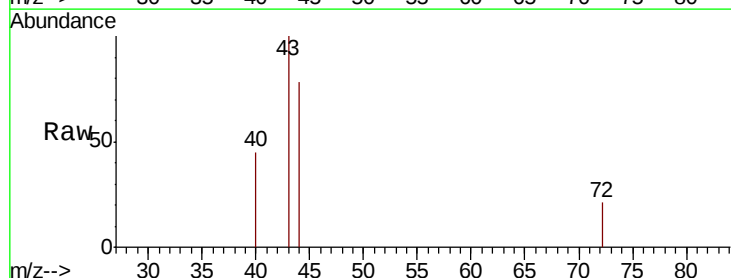
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB114659ZHE#06

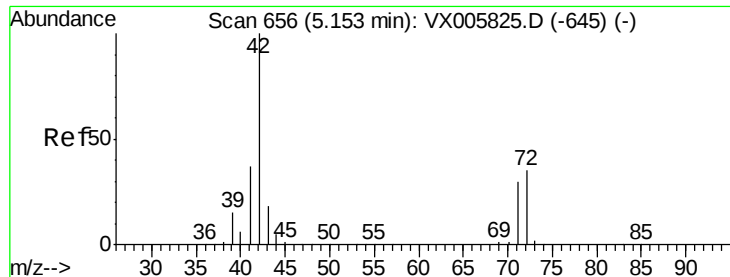
Tot Ion: 84 Resp: 1483  
Ion Ratio Lower Upper  
84 100  
49 115.1 109.5 164.3  
51 35.5 33.3 49.9  
86 68.0 52.7 79.1



#25  
2-Butanone  
Concen: 0.808 ug/l  
RT: 4.70 min Scan# 581  
Delta R.T. -0.01 min  
Lab File: VX005863.D  
Acq: 09 Nov 2018 15:58

Tgt Ion: 43 Resp: 861  
Ion Ratio Lower Upper  
43 100  
72 21.5 19.2 28.8





#29

Tetrahydrofuran

Concen: 0.624 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX005863.D

Acq: 09 Nov 2018 15:58

Instrument :

MSVOA\_X

ClientSampleId :

PB114659ZHE#06

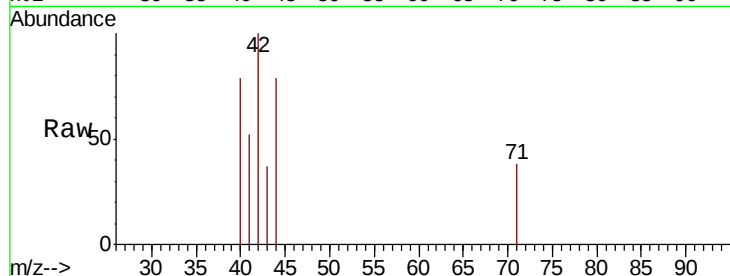
Tot Ion: 42 Resp: 427

Ion Ratio Lower Upper

42 100

72 4.4 32.0 48.0#

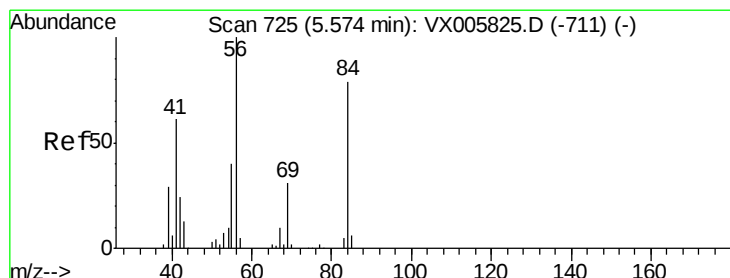
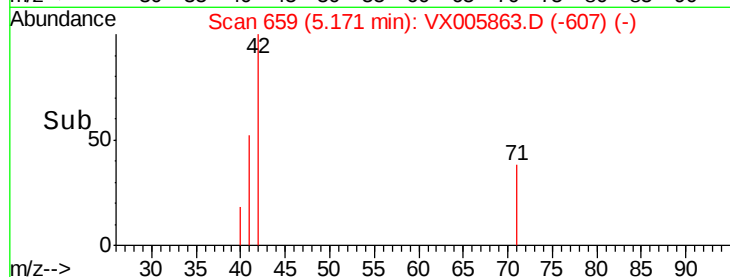
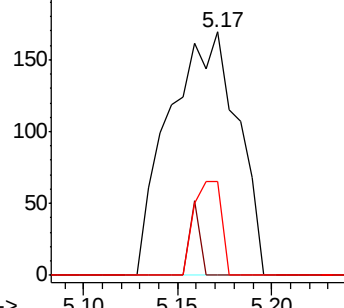
71 15.5 29.8 44.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 1.178 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX005863.D

Acq: 09 Nov 2018 15:58

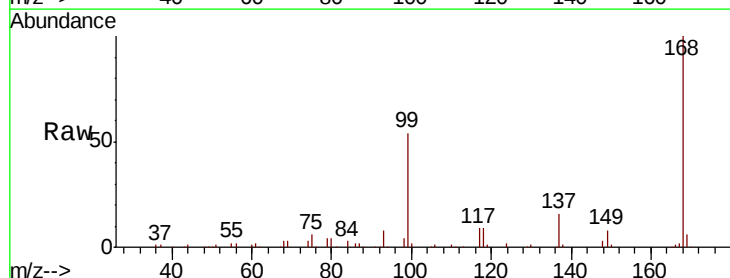
Tgt Ion: 56 Resp: 2066

Ion Ratio Lower Upper

56 100

69 165.4 22.6 34.0#

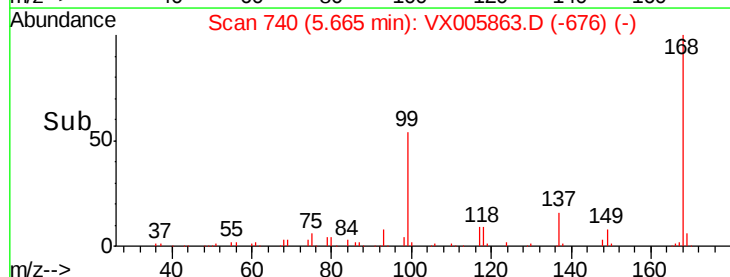
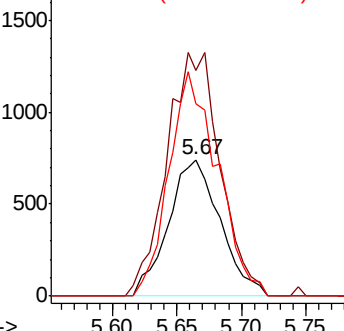
84 140.8 62.7 94.1#

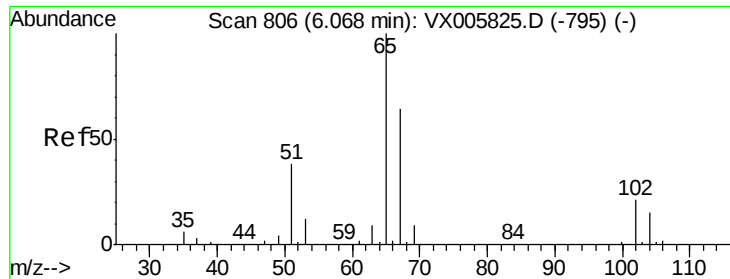


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

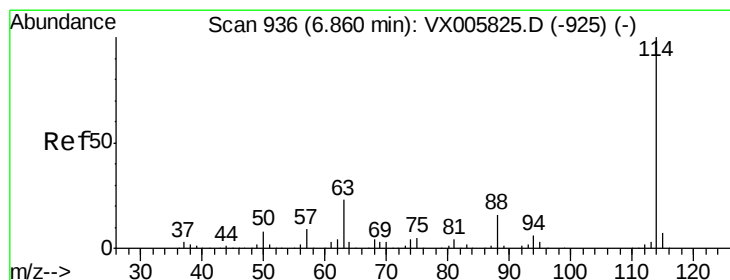
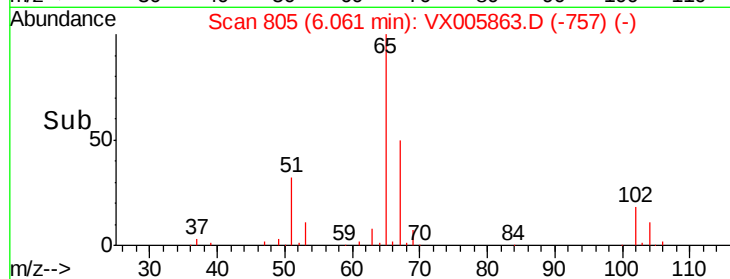
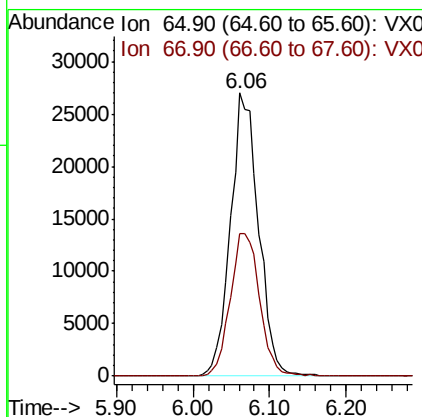
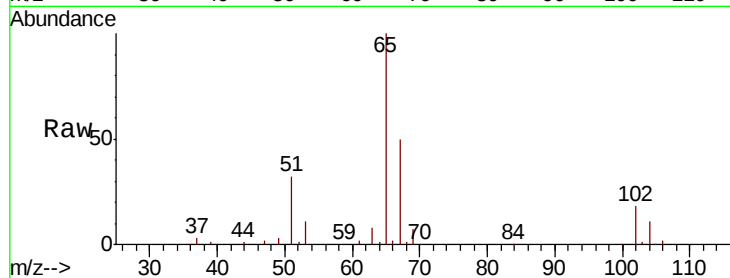




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.441 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: VX005863.D  
 Acq: 09 Nov 2018 15:58

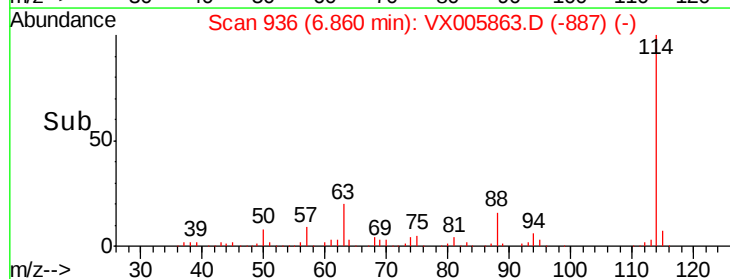
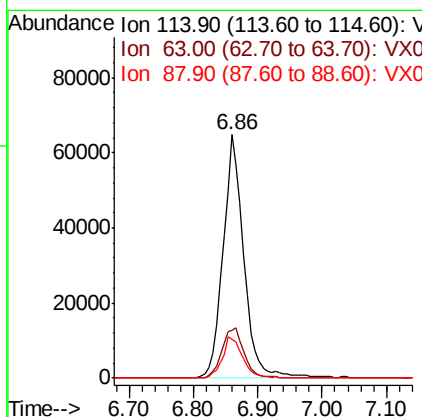
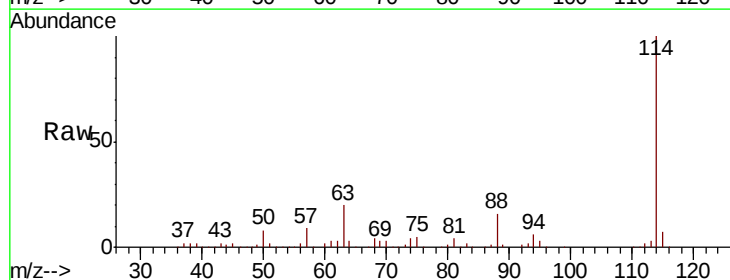
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB114659ZHE#06

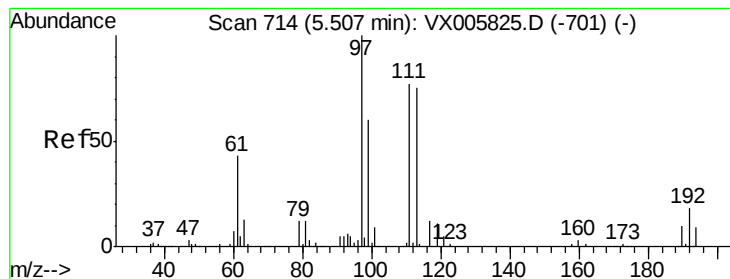
Tot Ion: 65 Resp: 68540  
 Ion Ratio Lower Upper  
 65 100  
 67 53.0 0.0 105.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX005863.D  
 Acq: 09 Nov 2018 15:58

Tgt Ion: 114 Resp: 148397  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 42.8  
 88 16.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.758 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005863.D

Acq: 09 Nov 2018 15:58

Instrument :

MSVOA\_X

ClientSampleId :

PB114659ZHE#06

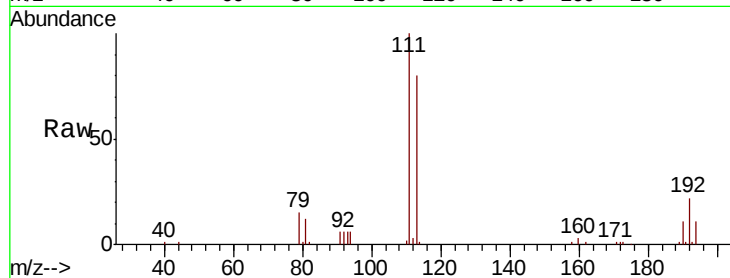
Tot Ion:113 Resp: 54259

Ion Ratio Lower Upper

113 100

111 108.2 82.3 123.5

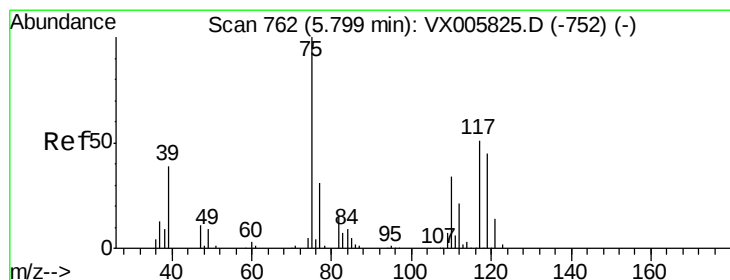
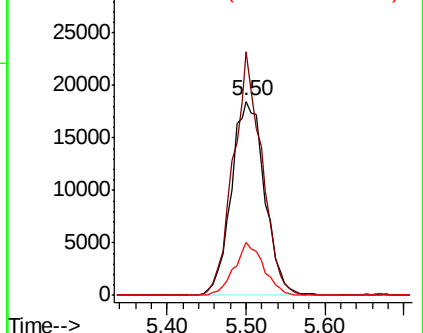
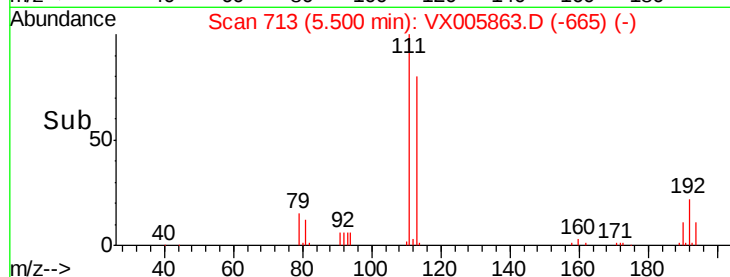
192 24.2 17.9 26.9



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: 5.475 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX005863.D

Acq: 09 Nov 2018 15:58

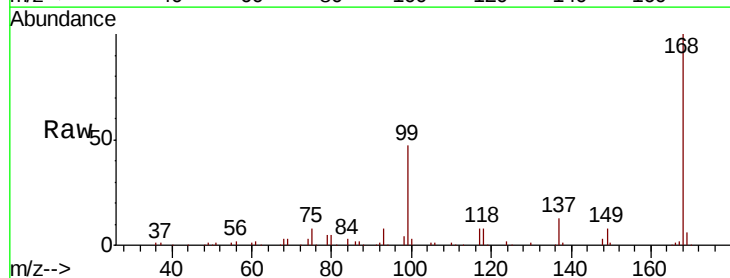
Tgt Ion: 75 Resp: 7833

Ion Ratio Lower Upper

75 100

110 8.7 17.4 52.2#

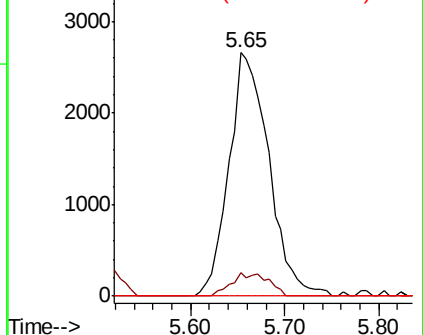
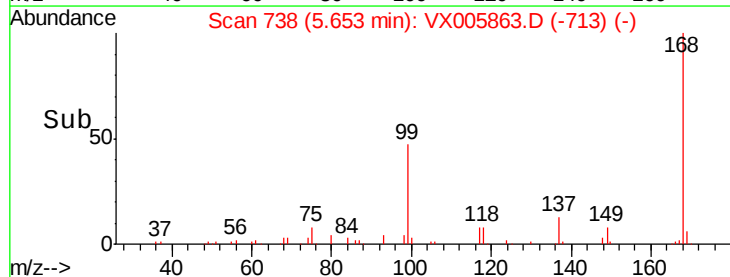
77 0.0 25.8 38.6#

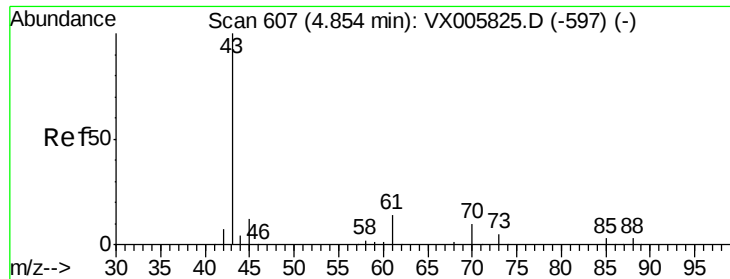


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

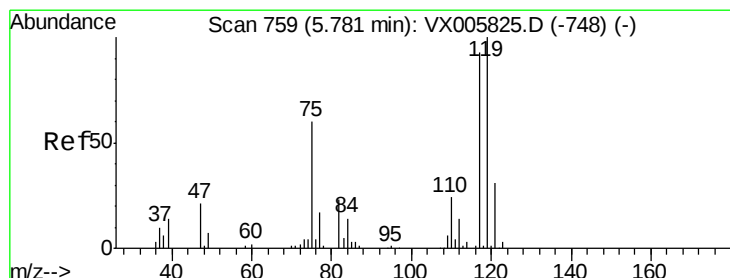
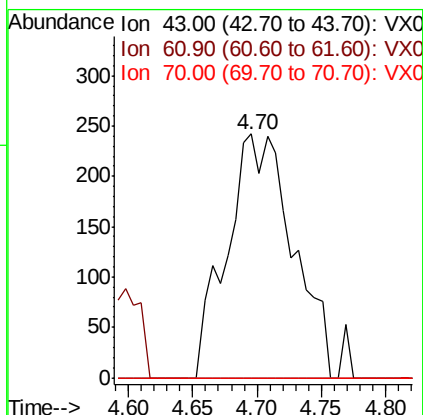
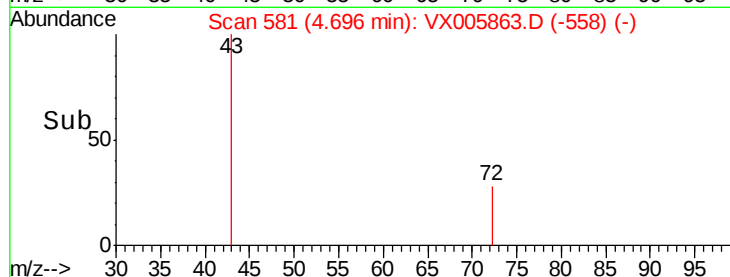
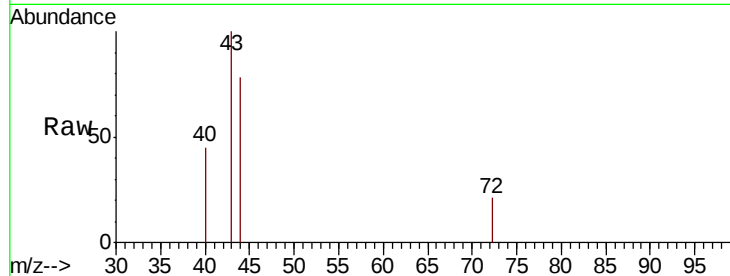




#37  
Ethyl Acetate  
Concen: 0.458 ug/l  
RT: 4.70 min Scan# 581  
Delta R.T. -0.16 min  
Lab File: VX005863.D  
Acq: 09 Nov 2018 15:58

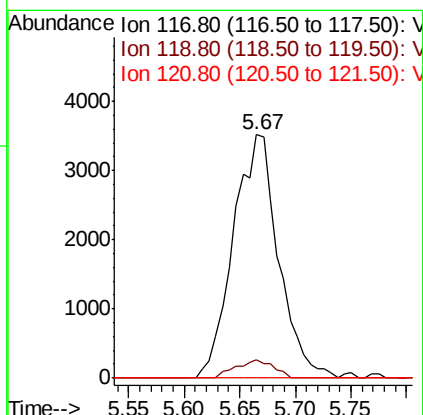
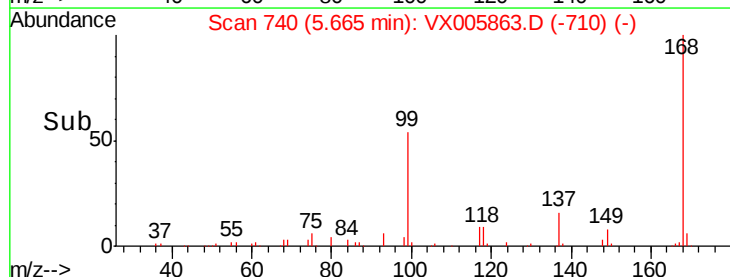
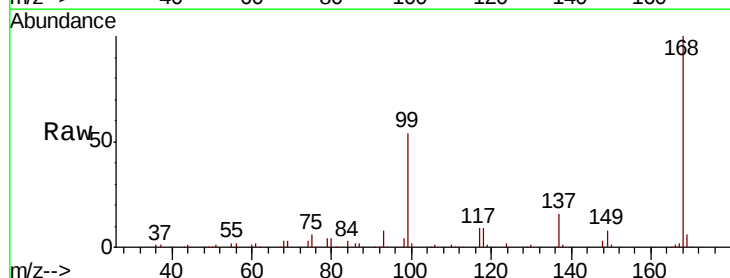
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB114659ZHE#06

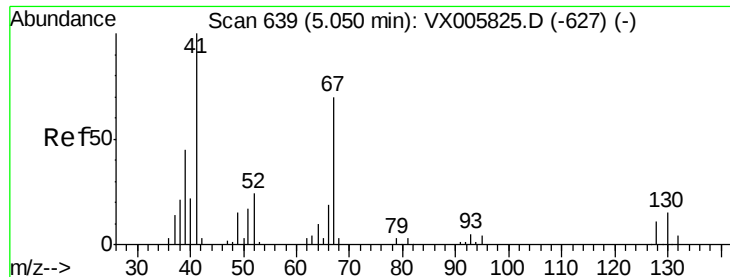
Tot Ion: 43 Resp: 861  
Ion Ratio Lower Upper  
43 100  
61 0.0 10.8 16.2#  
70 0.0 7.8 11.8#



#38  
Carbon Tetrachloride  
Concen: 6.899 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. -0.12 min  
Lab File: VX005863.D  
Acq: 09 Nov 2018 15:58

Tgt Ion: 117 Resp: 9880  
Ion Ratio Lower Upper  
117 100  
119 7.3 78.1 117.1#  
121 0.0 24.6 36.8#

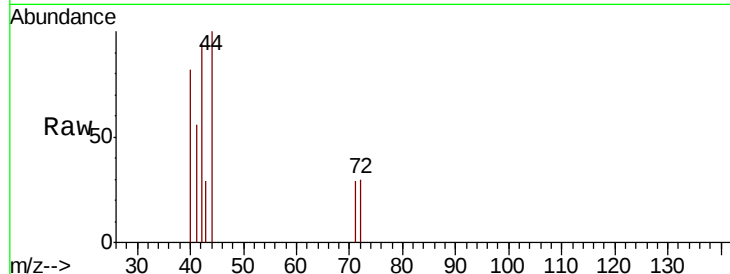




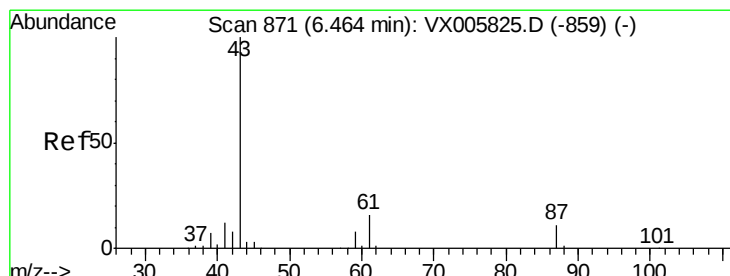
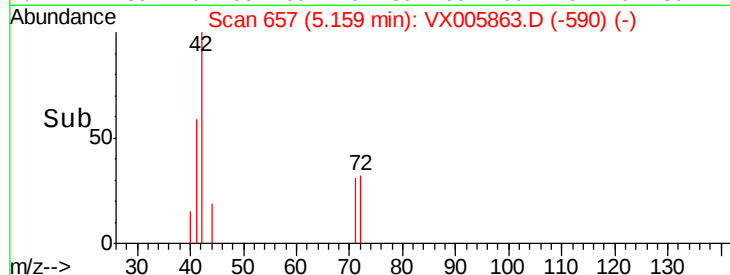
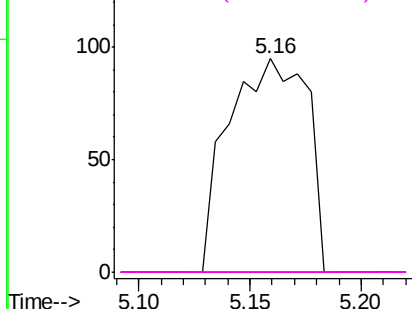
#41  
Methacrylonitrile  
Concen: 0.229 ug/l  
RT: 5.16 min Scan# 657  
Delta R.T. 0.11 min  
Lab File: VX005863.D  
Acq: 09 Nov 2018 15:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB114659ZHE#06

Tot Ion: 41 Resp: 233  
Ion Ratio Lower Upper  
41 100  
39 0.0 42.2 63.2#  
67 0.0 53.4 80.0#  
52 0.0 23.4 35.2#

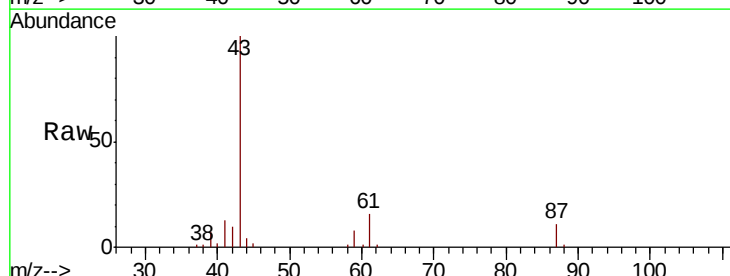


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

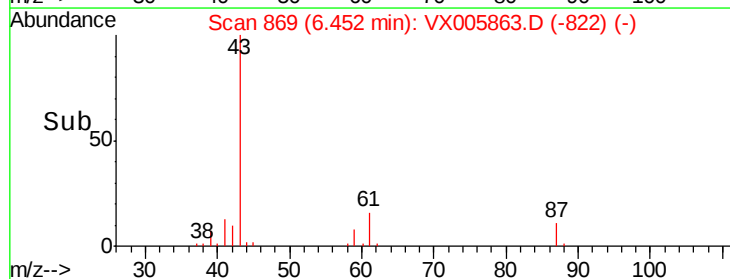
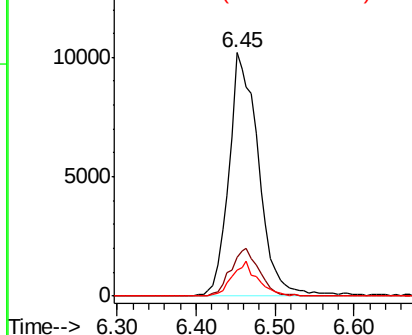


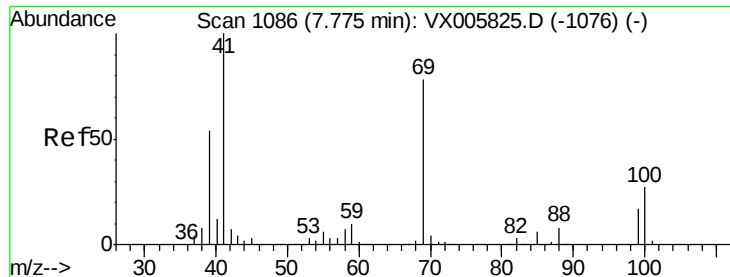
#43  
Isopropyl Acetate  
Concen: 9.756 ug/l  
RT: 6.45 min Scan# 869  
Delta R.T. -0.01 min  
Lab File: VX005863.D  
Acq: 09 Nov 2018 15:58

Tgt Ion: 43 Resp: 26594  
Ion Ratio Lower Upper  
43 100  
61 18.8 14.6 22.0  
87 12.3 9.6 14.4



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

Methyl methacrylate

Concen: 8.462 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX005863.D

Acq: 09 Nov 2018 15:58

Instrument :

MSVOA\_X

ClientSampleId :

PB114659ZHE#06

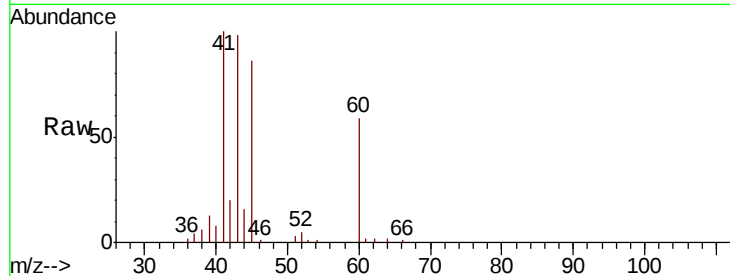
Tot Ion: 41 Resp: 10357

Ion Ratio Lower Upper

41 100

69 0.0 63.2 94.8#

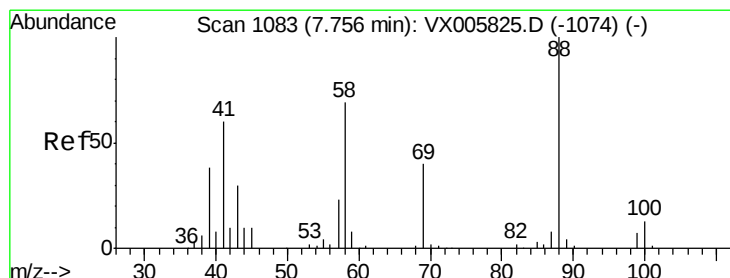
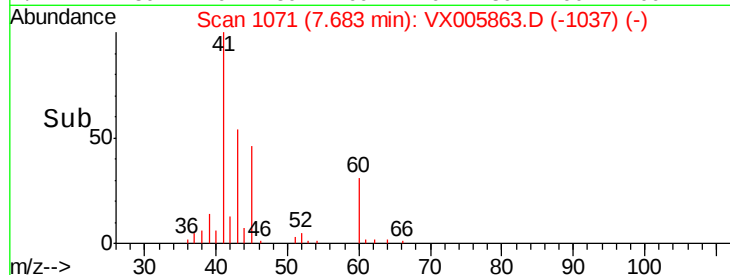
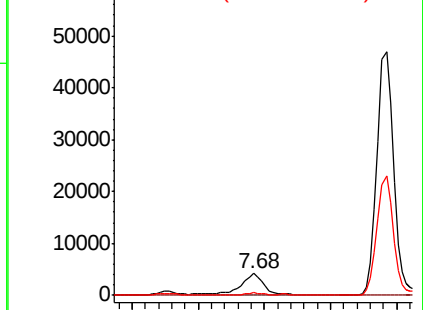
39 0.0 42.2 63.2#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 4.095 ug/l

RT: 7.88 min Scan# 1103

Delta R.T. 0.12 min

Lab File: VX005863.D

Acq: 09 Nov 2018 15:58

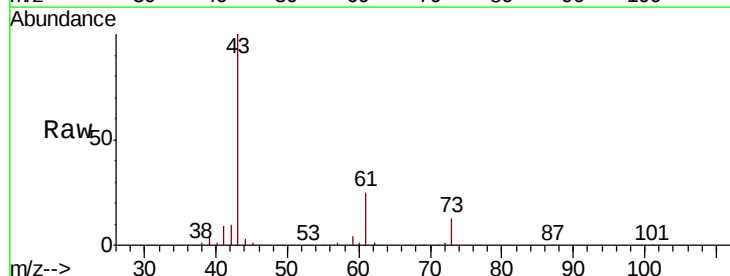
Tgt Ion: 88 Resp: 108

Ion Ratio Lower Upper

88 100

43 862638.9 27.4 41.0#

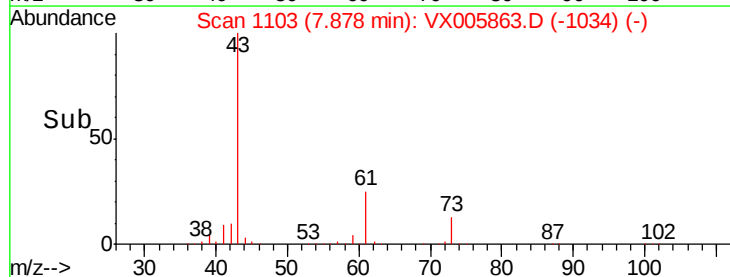
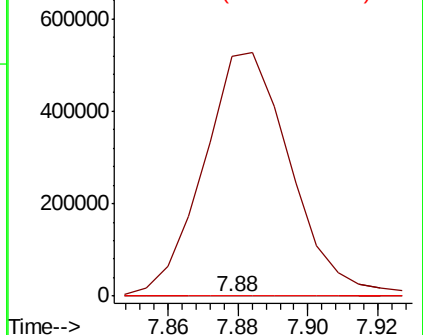
58 3288.0 59.4 89.2#

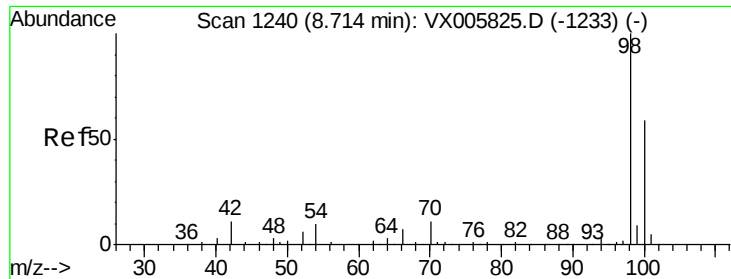


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

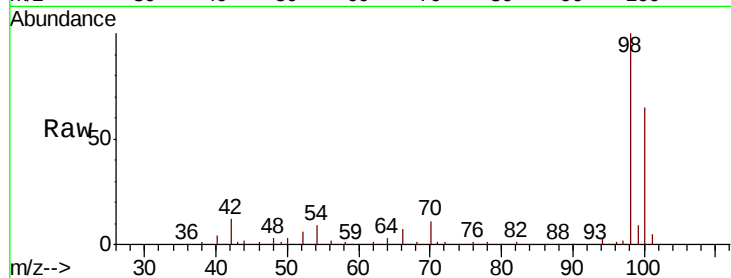




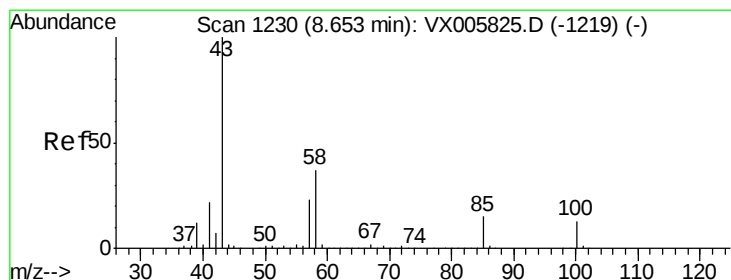
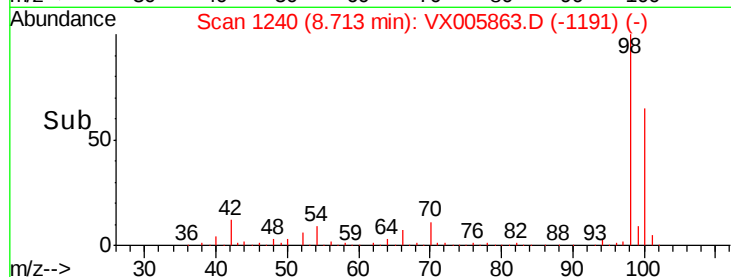
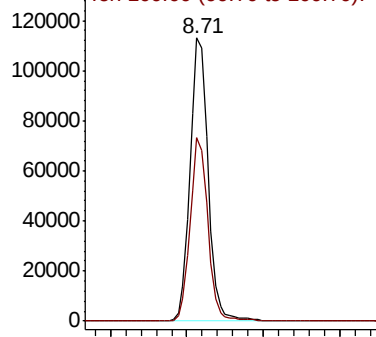
#50  
Toluene-d8  
Concen: 55.386 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX005863.D  
Acq: 09 Nov 2018 15:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB114659ZHE#06

Tot Ion: 98 Resp: 185853  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.3 76.9

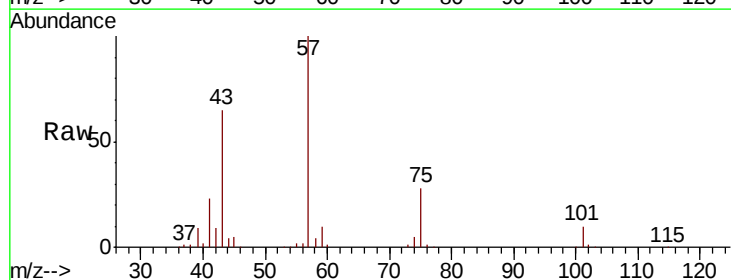


Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): VX

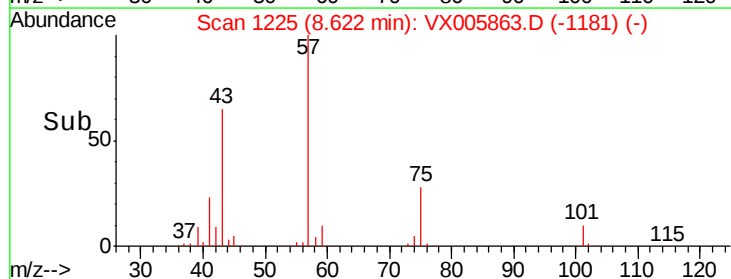
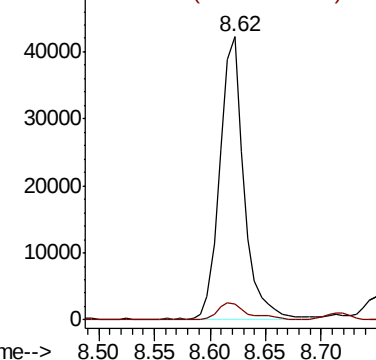


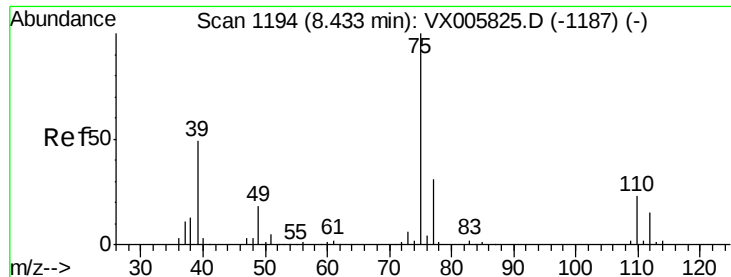
#51  
4-Methyl-2-Pentanone  
Concen: 37.007 ug/l  
RT: 8.62 min Scan# 1225  
Delta R.T. -0.03 min  
Lab File: VX005863.D  
Acq: 09 Nov 2018 15:58

Tgt Ion: 43 Resp: 63578  
Ion Ratio Lower Upper  
43 100  
58 7.7 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX



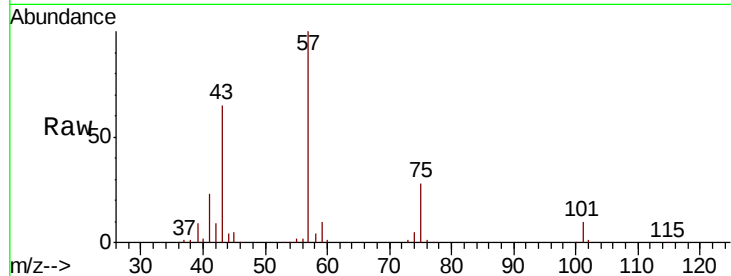


#54

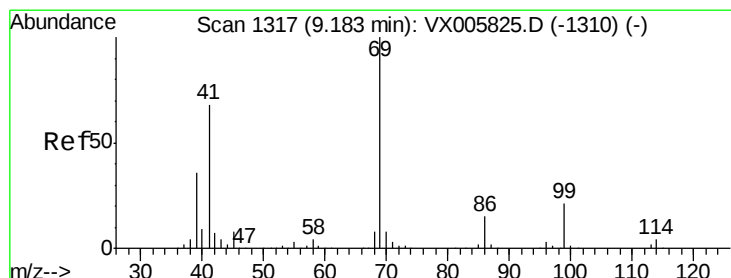
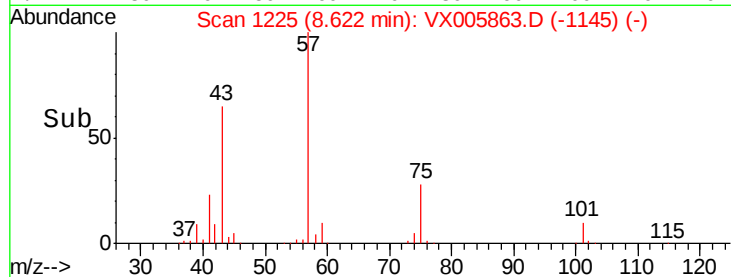
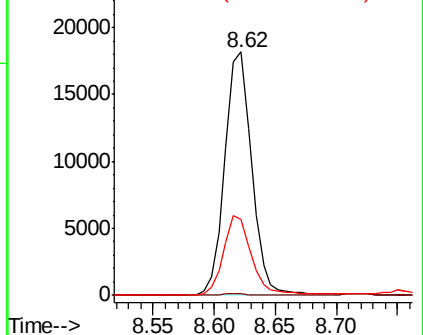
cis-1,3-Dichloropropene  
 Concen: 19.246 ug/l  
 RT: 8.62 min Scan# 1225  
 Delta R.T. 0.19 min  
 Lab File: VX005863.D  
 Acq: 09 Nov 2018 15:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB114659ZHE#06

Tot Ion: 75 Resp: 27789  
 Ion Ratio Lower Upper  
 75 100  
 77 0.6 25.2 37.8#  
 39 31.4 38.2 57.2#



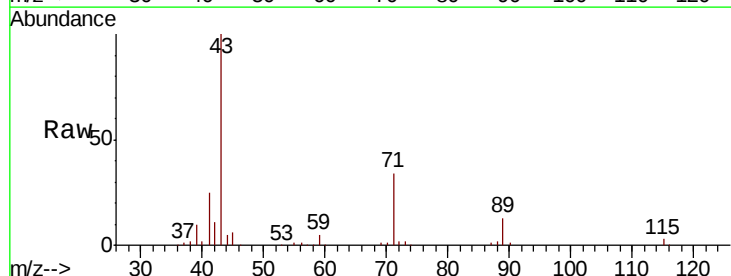
Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 76.90 (76.60 to 77.60): VX0  
 Ion 39.00 (38.70 to 39.70): VX0



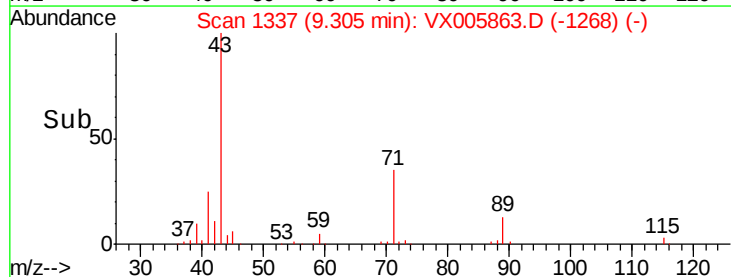
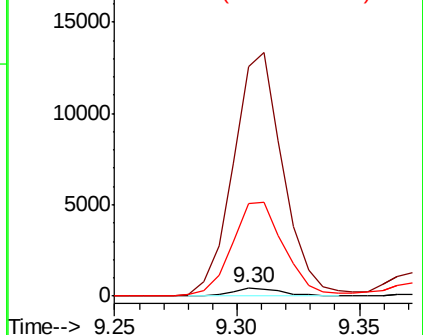
#56

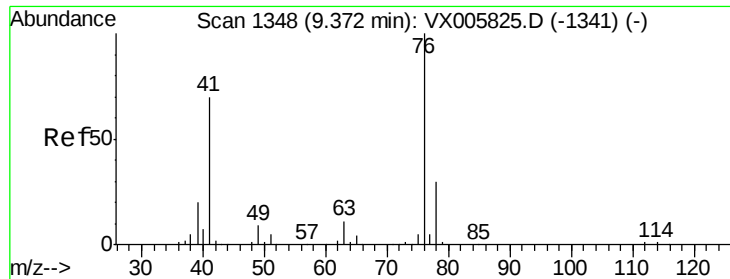
Ethyl methacrylate  
 Concen: 0.405 ug/l  
 RT: 9.30 min Scan# 1337  
 Delta R.T. 0.12 min  
 Lab File: VX005863.D  
 Acq: 09 Nov 2018 15:58

Tgt Ion: 69 Resp: 630  
 Ion Ratio Lower Upper  
 69 100  
 41 2993.2 57.0 85.6#  
 39 1218.6 28.3 42.5#



Abundance Ion 69.00 (68.70 to 69.70): VX0  
 Ion 41.00 (40.70 to 41.70): VX0  
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 3.876 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX005863.D

Acq: 09 Nov 2018 15:58

Instrument :

MSVOA\_X

ClientSampleId :

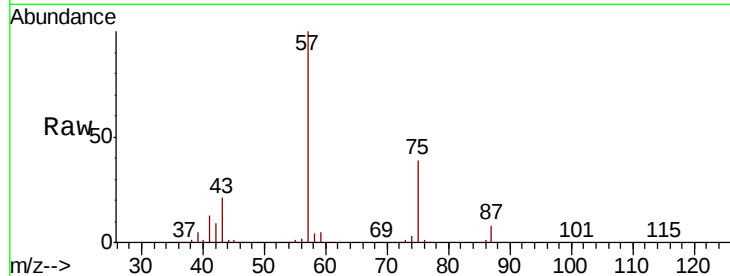
PB114659ZHE#06

Tot Ion: 76 Resp: 6766

Ion Ratio Lower Upper

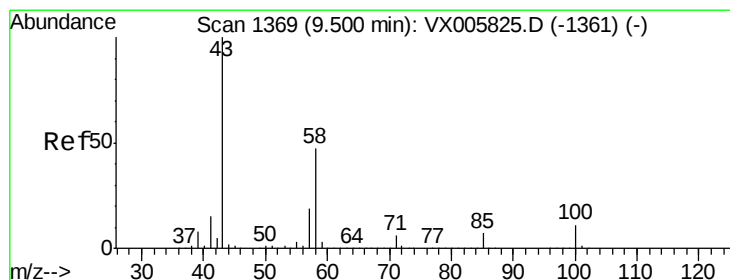
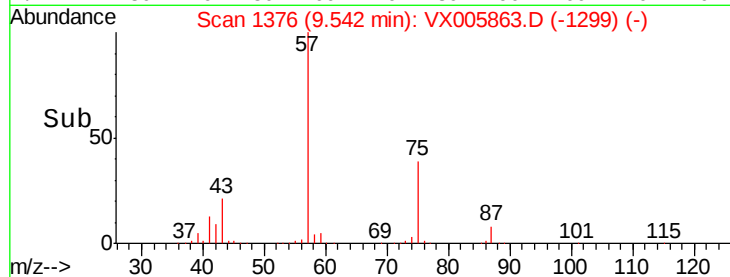
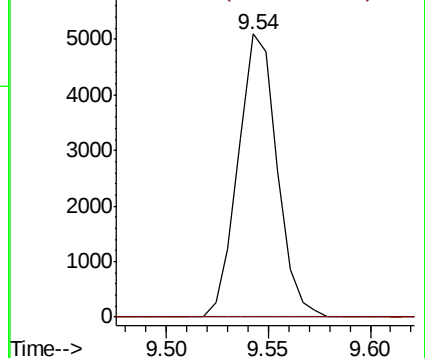
76 100

78 0.0 25.3 37.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 68.098 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.04 min

Lab File: VX005863.D

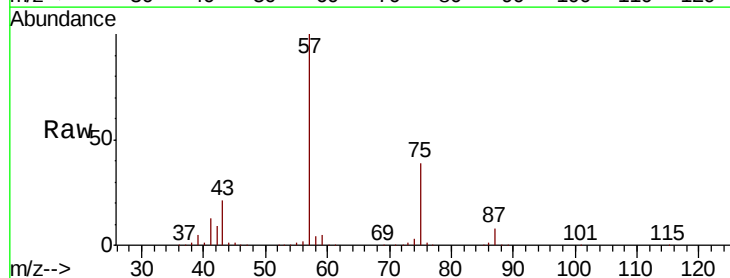
Acq: 09 Nov 2018 15:58

Tgt Ion: 43 Resp: 103123

Ion Ratio Lower Upper

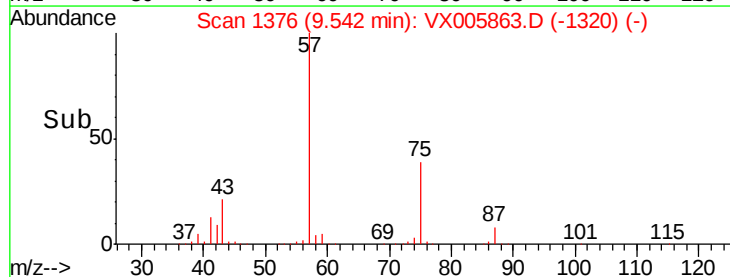
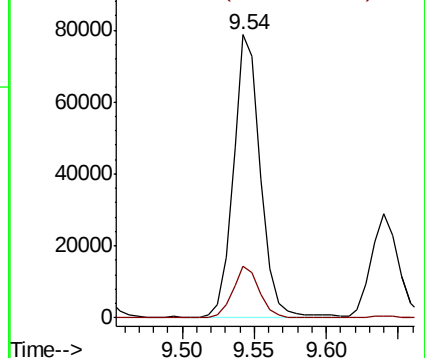
43 100

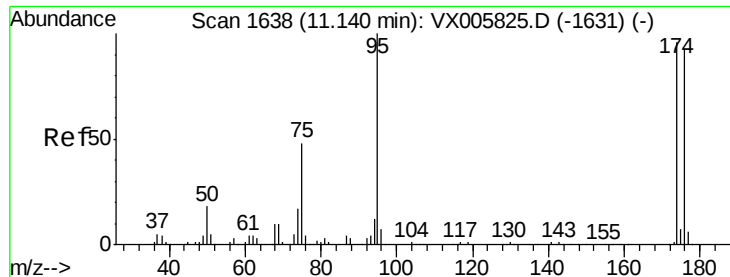
58 18.0 25.9 77.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

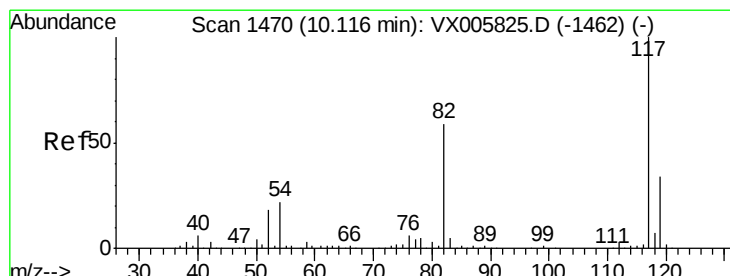
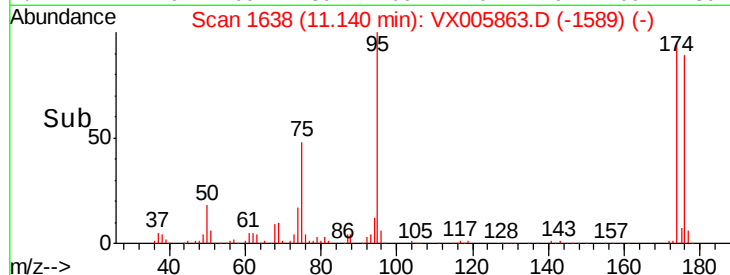
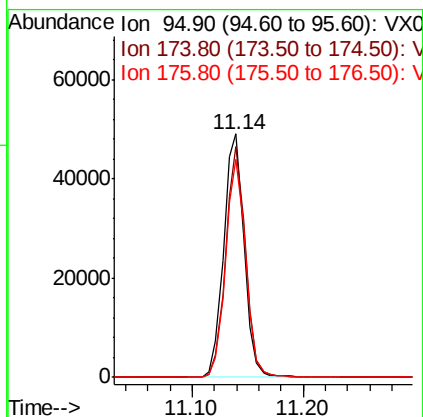
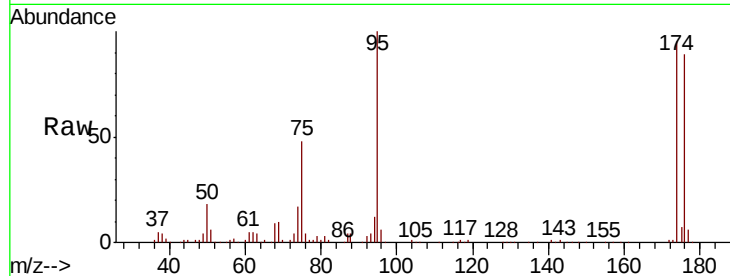




#62  
4-Bromofluorobenzene  
Concen: 51.682 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. -0.00 min  
Lab File: VX005863.D  
Acq: 09 Nov 2018 15:58

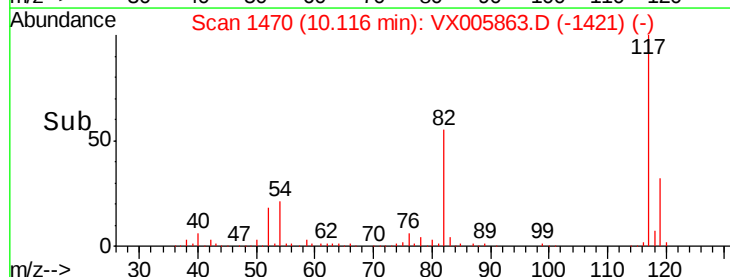
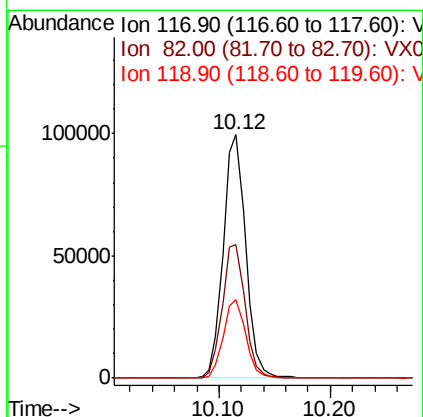
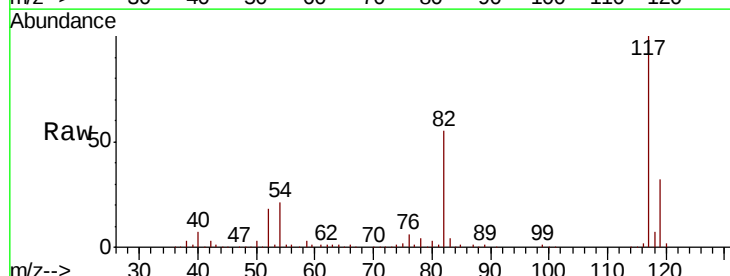
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB114659ZHE#06

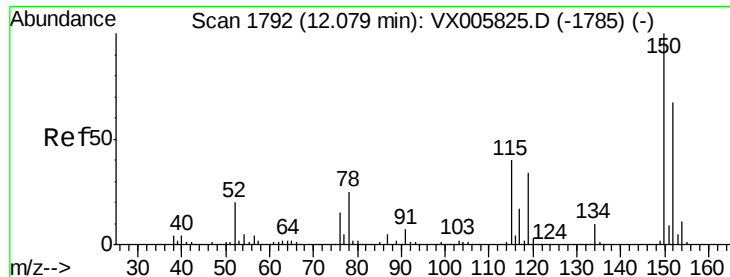
Tot Ion: 95 Resp: 62352  
Ion Ratio Lower Upper  
95 100  
174 92.0 0.0 184.4  
176 88.0 0.0 177.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005863.D  
Acq: 09 Nov 2018 15:58

Tgt Ion: 117 Resp: 139297  
Ion Ratio Lower Upper  
117 100  
82 54.9 44.1 66.1  
119 32.3 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005863.D

Acq: 09 Nov 2018 15:58

Instrument :

MSVOA\_X

ClientSampleId :

PB114659ZHE#06

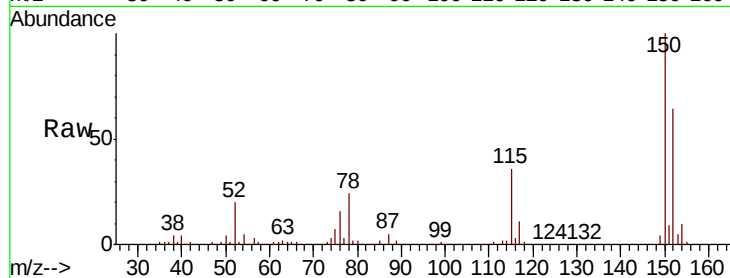
Tot Ion:152 Resp: 64631

Ion Ratio Lower Upper

152 100

115 56.1 39.4 118.1

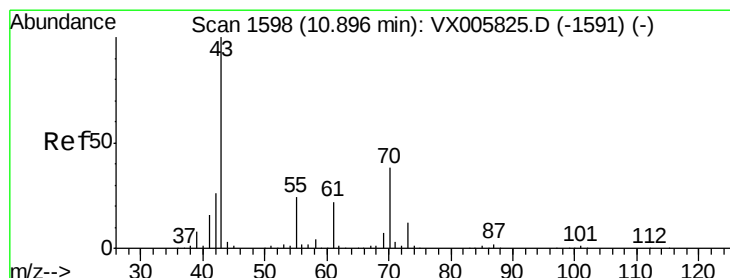
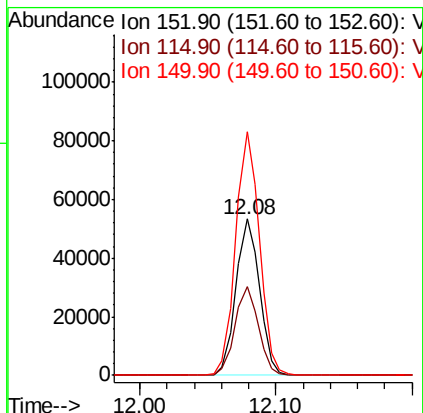
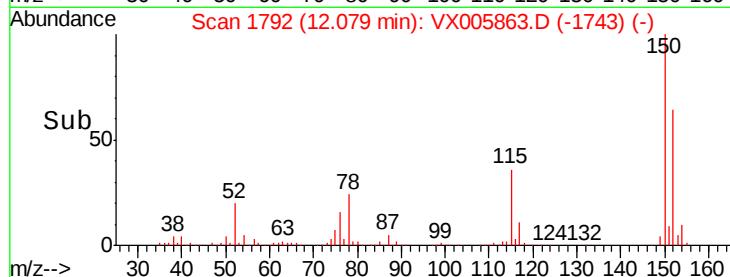
150 156.1 0.0 346.4



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-ethyl acetate

Concen: 5.620 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX005863.D

Acq: 09 Nov 2018 15:58

Tgt Ion: 43 Resp: 9398

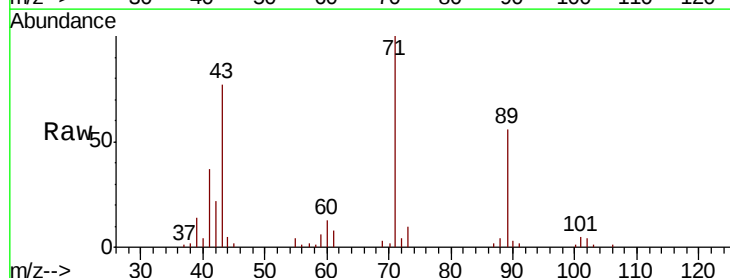
Ion Ratio Lower Upper

43 100

70 2.7 31.6 47.4#

55 4.9 19.7 29.5#

61 9.5 18.3 27.5#

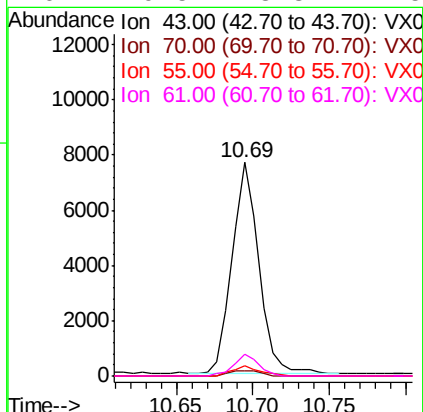
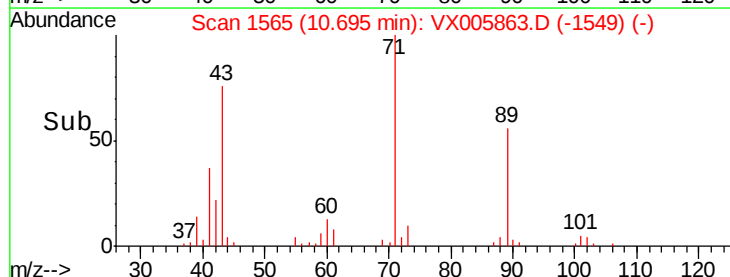


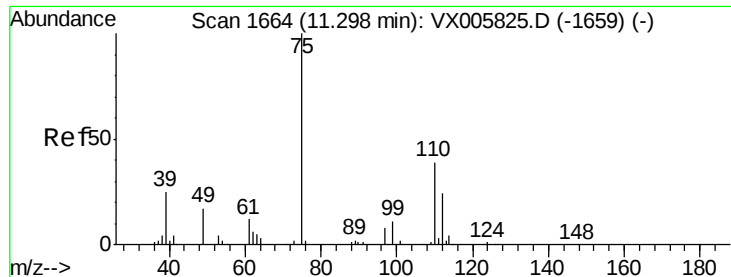
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 23.913 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005863.D

Acq: 09 Nov 2018 15:58

Instrument :

MSVOA\_X

ClientSampleId :

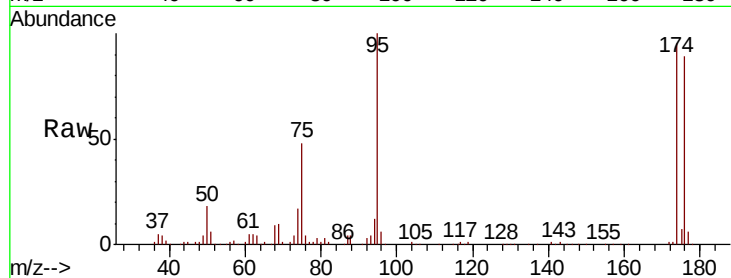
PB114659ZHE#06

Tot Ion: 75 Resp: 31470

Ion Ratio Lower Upper

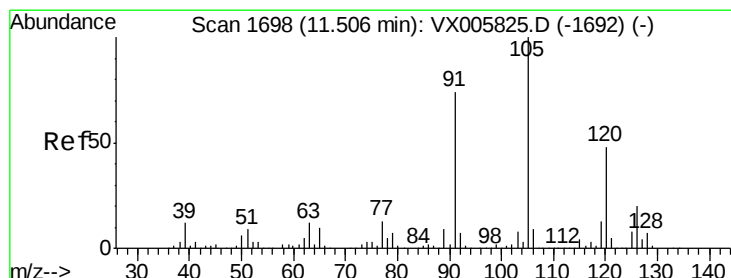
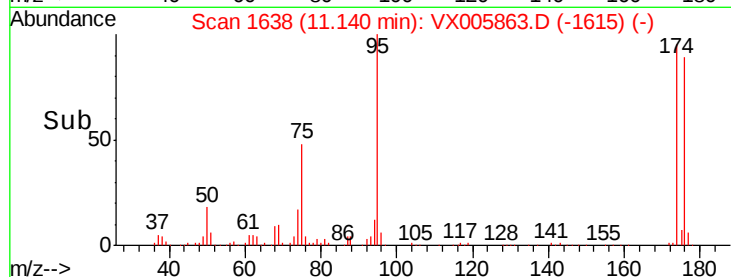
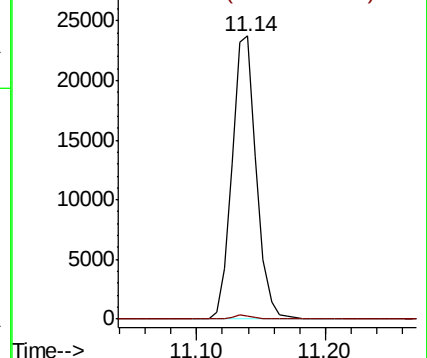
75 100

77 1.2 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#80

1,3,5-Trimethylbenzene

Concen: 1.716 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005863.D

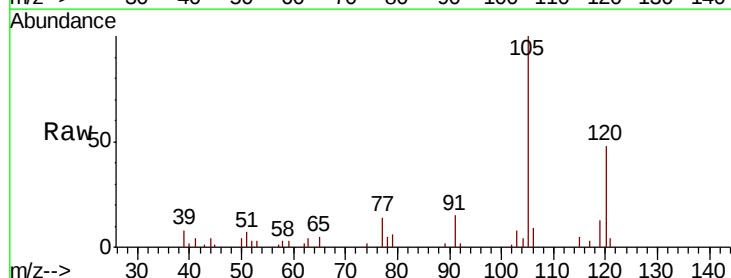
Acq: 09 Nov 2018 15:58

Tgt Ion: 105 Resp: 5449

Ion Ratio Lower Upper

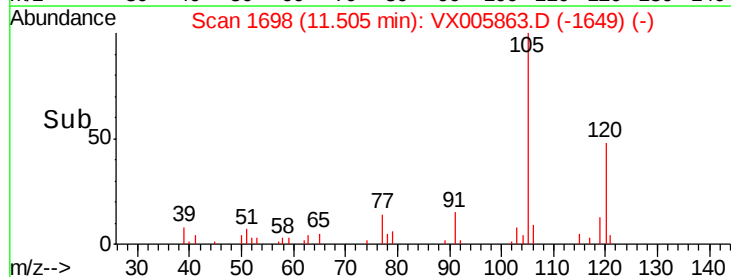
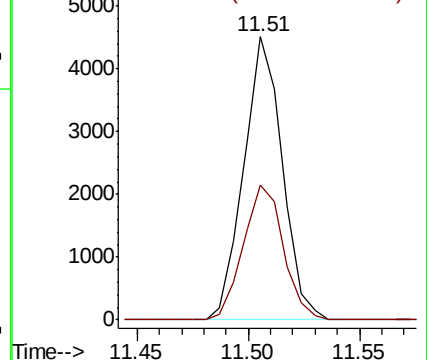
105 100

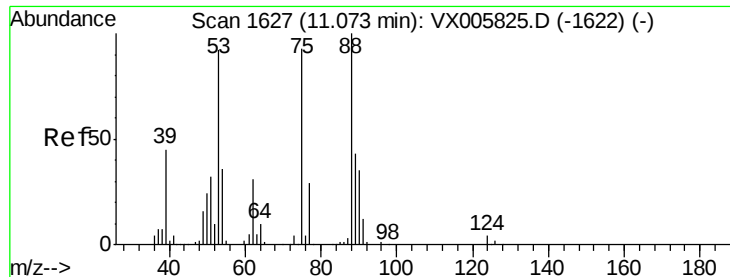
120 49.6 24.1 72.2



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: 76.214 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005863.D

Acq: 09 Nov 2018 15:58

Instrument :

MSVOA\_X

ClientSampleId :

PB114659ZHE#06

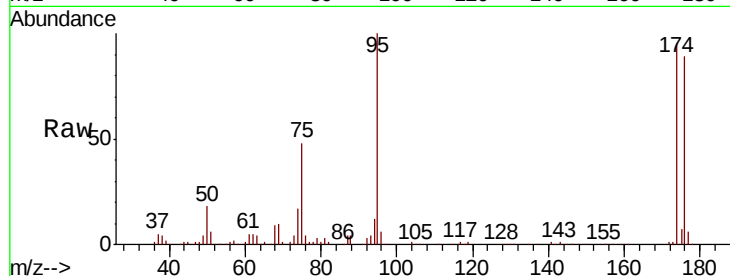
Tot Ion: 75 Resp: 31470

Ion Ratio Lower Upper

75 100

53 0.1 80.2 120.2#

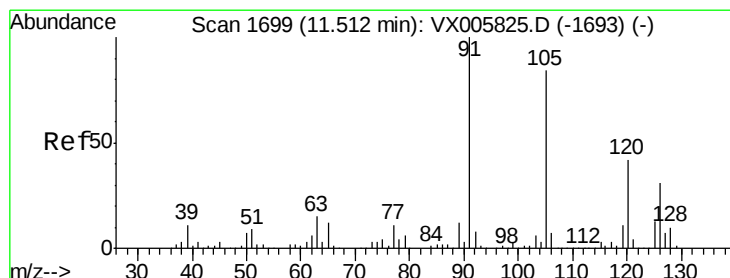
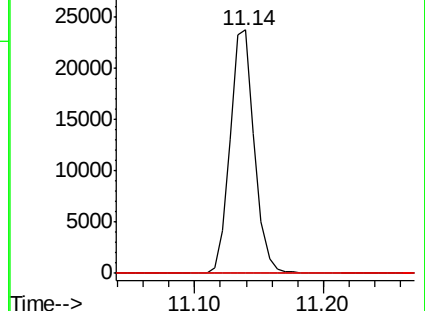
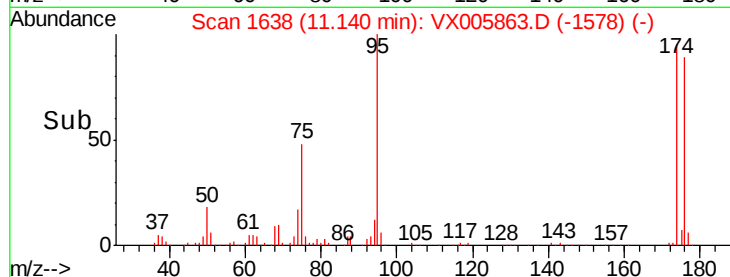
89 0.0 39.8 59.8#



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



#82

4-Chlorotoluene

Concen: 0.230 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX005863.D

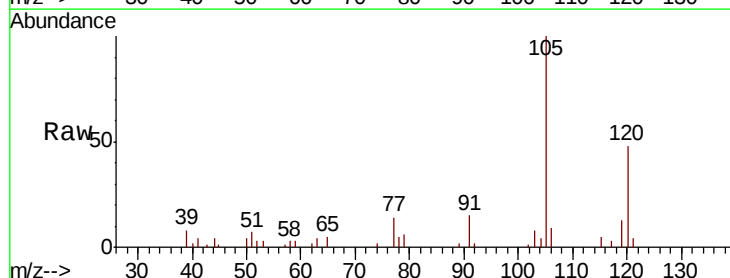
Acq: 09 Nov 2018 15:58

Tgt Ion: 91 Resp: 721

Ion Ratio Lower Upper

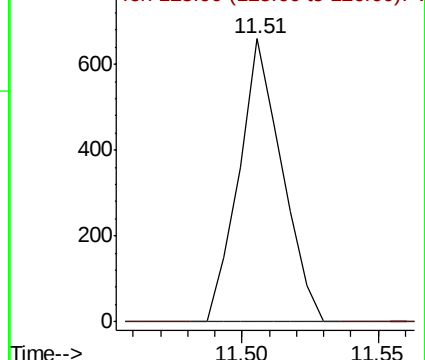
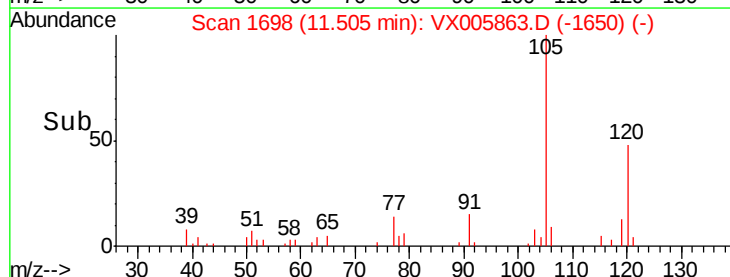
91 100

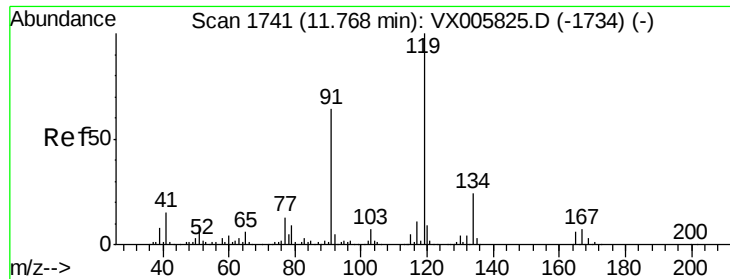
126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

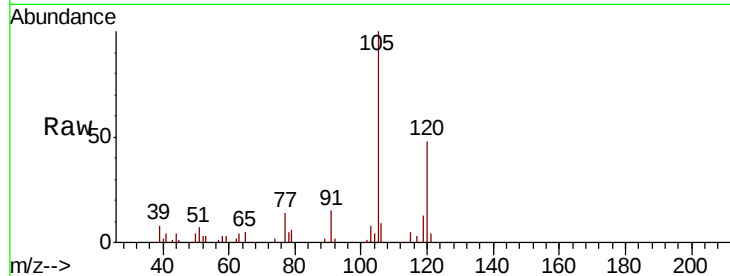




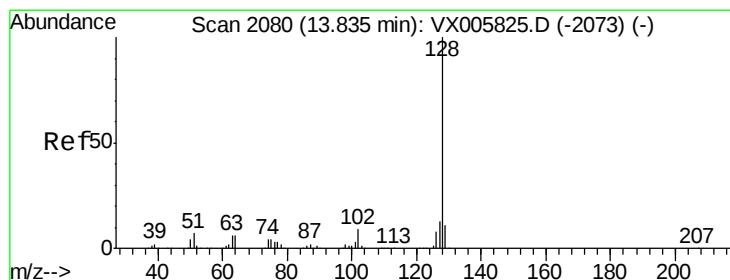
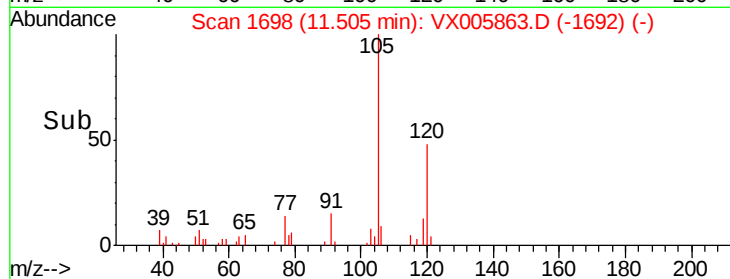
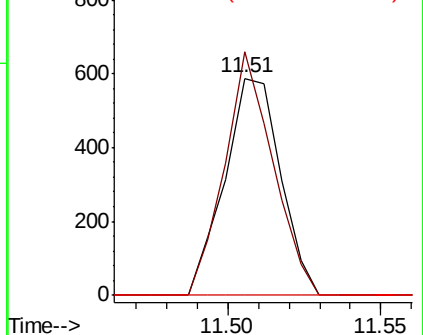
#83  
tert-Butylbenzene  
Concen: 0.232 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.26 min  
Lab File: VX005863.D  
Acq: 09 Nov 2018 15:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB114659ZHE#06

Tot Ion:119 Resp: 744  
Ion Ratio Lower Upper  
119 100  
91 96.9 28.5 85.5#  
134 0.0 11.3 33.8#

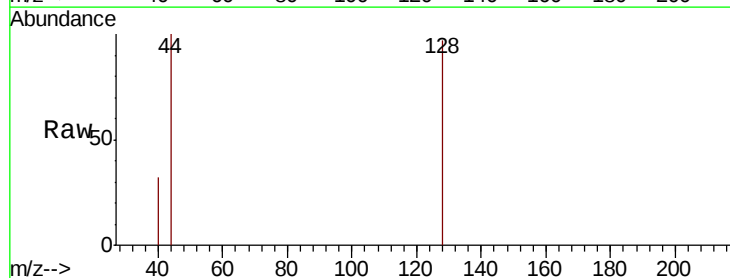


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): VX0  
Ion 134.00 (133.70 to 134.70): V



#95  
Naphthalene  
Concen: 1.213 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX005863.D  
Acq: 09 Nov 2018 15:58

Tgt Ion:128 Resp: 168  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.4 15.6#  
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V

