

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006238.D
 Acq On : 30 Nov 2018 18:43
 Operator : JC/MD
 Sample : J6153-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-H

Quant Time: Nov 30 22:21:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	938828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1405835	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1261027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	601083	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	462869	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.60%		
35) Dibromofluoromethane	5.51	113	449068	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.68%		
50) Toluene-d8	8.71	98	1636759	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.88%		
62) 4-Bromofluorobenzene	11.13	95	590180	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.60%		

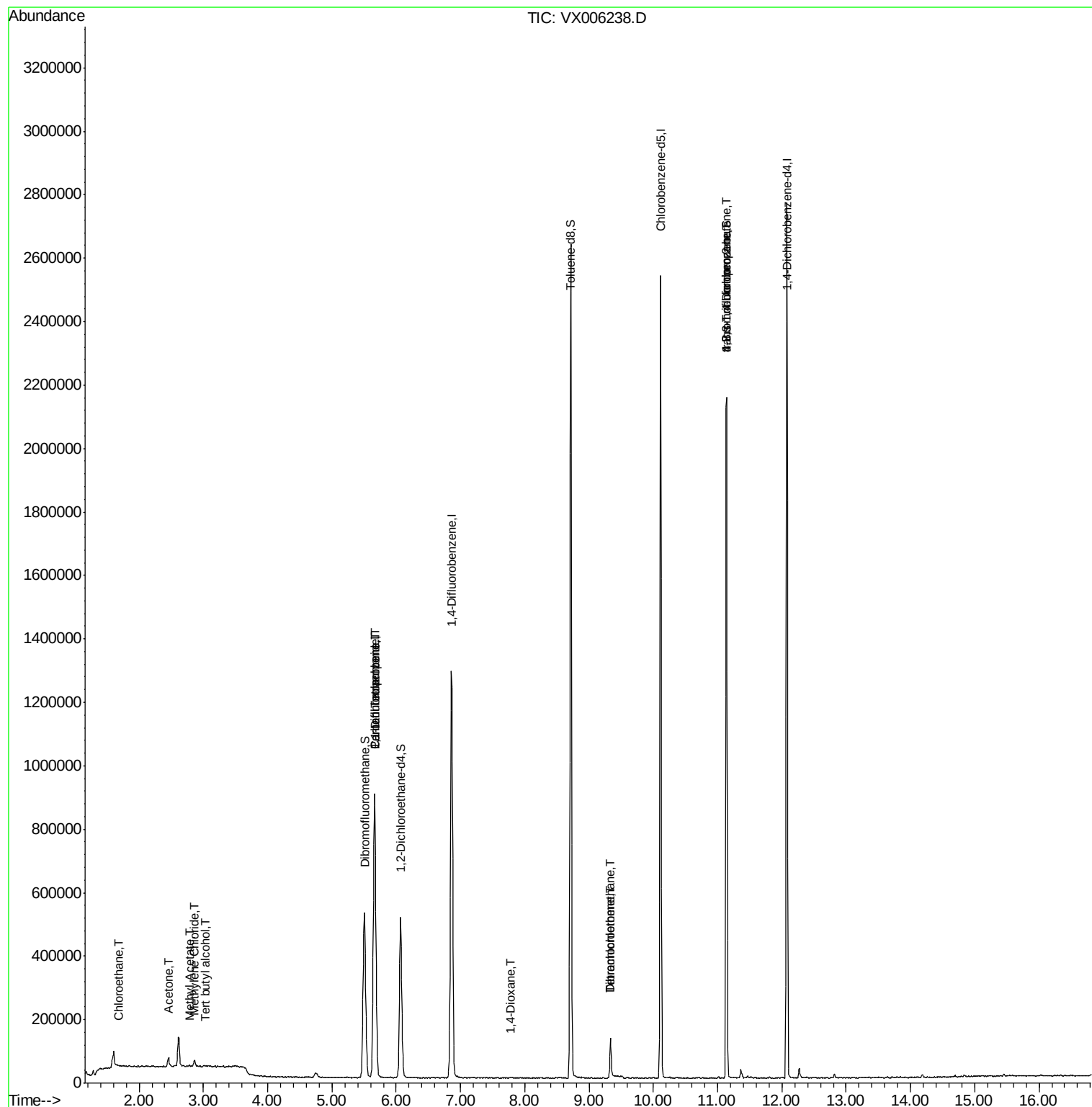
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.69	64	4059	0.651	ug/l #	57
11) Tert butyl alcohol	3.03	59	1350	0.515	ug/l #	73
16) Acetone	2.45	43	8647	1.923	ug/l #	87
18) Methyl Acetate	2.79	43	3947	0.262	ug/l #	88
20) Methylene Chloride	2.85	84	9024	0.943	ug/l	88
36) 1,1-Dichloropropene	5.67	75	56759	4.794	ug/l #	49
38) Carbon Tetrachloride	5.67	117	83524	5.997	ug/l #	16
49) 1,4-Dioxane	7.78	88	113	0.426	ug/l #	27
60) Dibromochloromethane	9.34	129	14898	1.275	ug/l #	11
64) Tetrachloroethene	9.34	164	17137	1.805	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	268500	23.143	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	268500	54.310	ug/l #	15

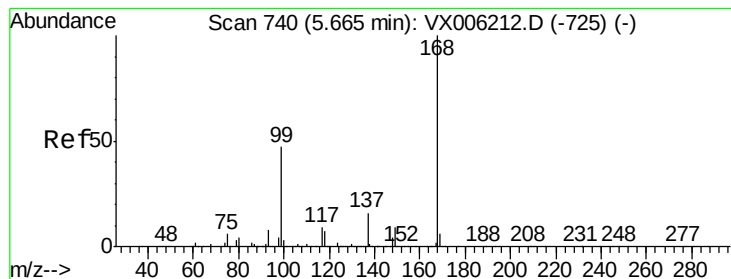
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX113018\
Data File : VX006238.D
Acq On : 30 Nov 2018 18:43
Operator : JC/MD
Sample : J6153-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-H

Quant Time: Nov 30 22:21:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

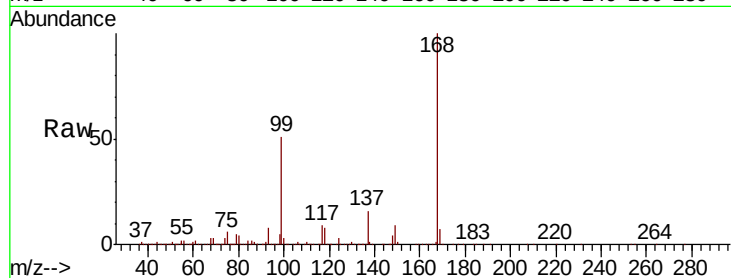
MH-H

Tot Ion:168 Resp: 938828

Ion Ratio Lower Upper

168 100

99 50.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

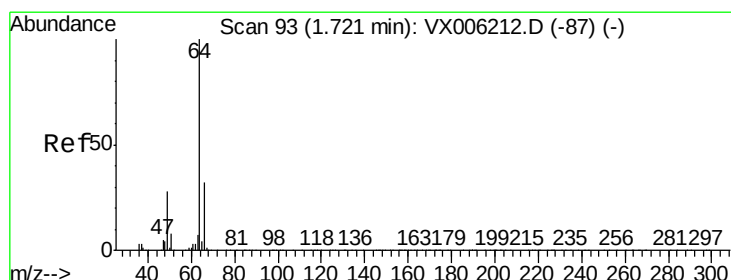
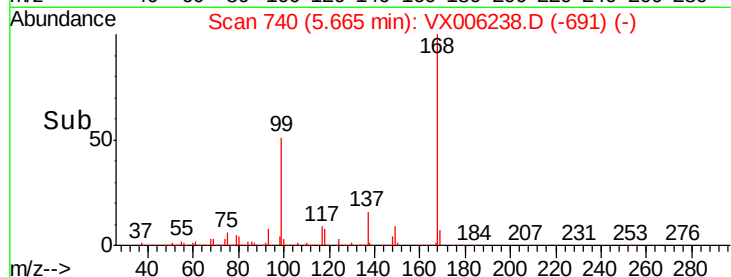
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 0.651 ug/l

RT: 1.69 min Scan# 88

Delta R.T. -0.03 min

Lab File: VX006238.D

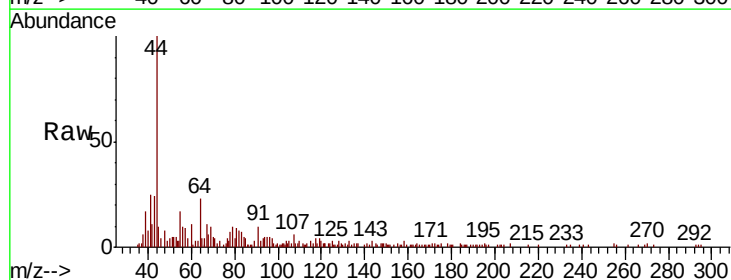
Acq: 30 Nov 2018 18:43

Tgt Ion: 64 Resp: 4059

Ion Ratio Lower Upper

64 100

66 8.1 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.69

2000

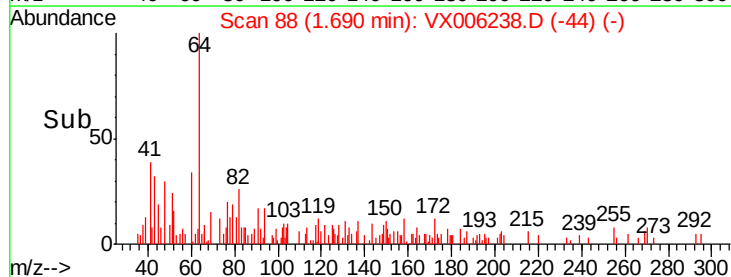
1500

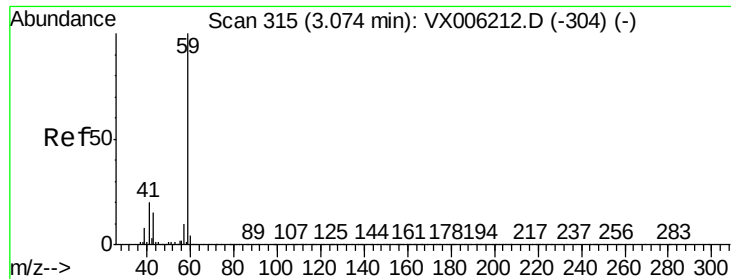
1000

500

0

Time-->

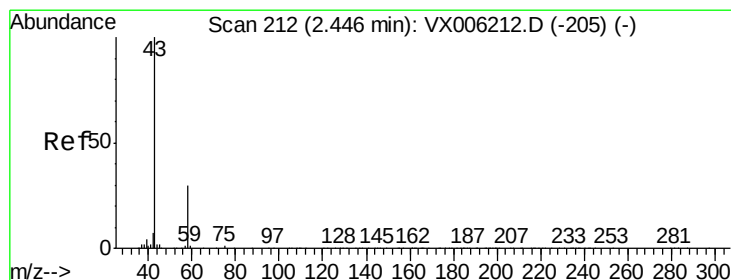
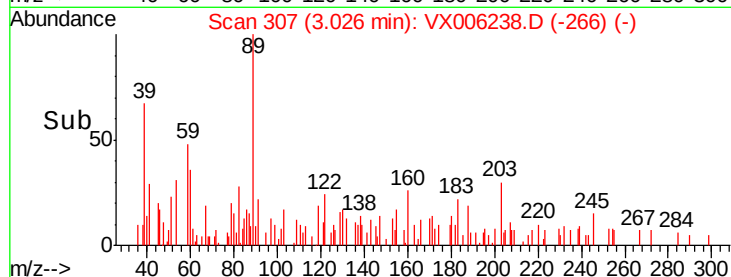
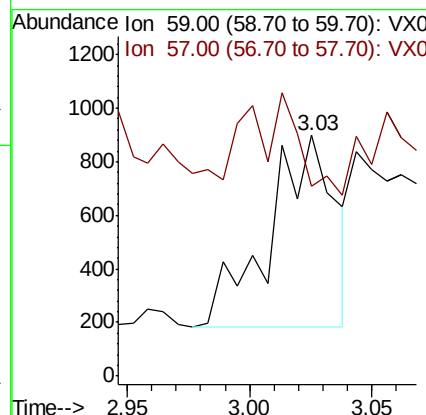
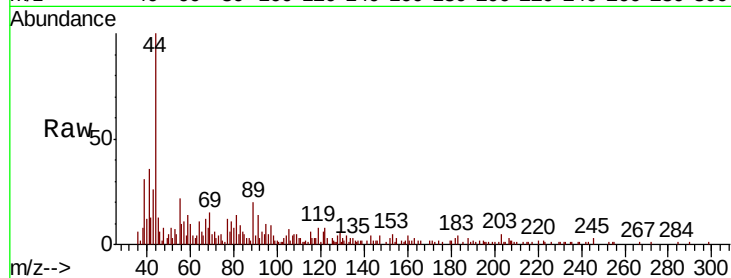




#11
Tert butyl alcohol
Concen: 0.515 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006238.D
Acq: 30 Nov 2018 18:43

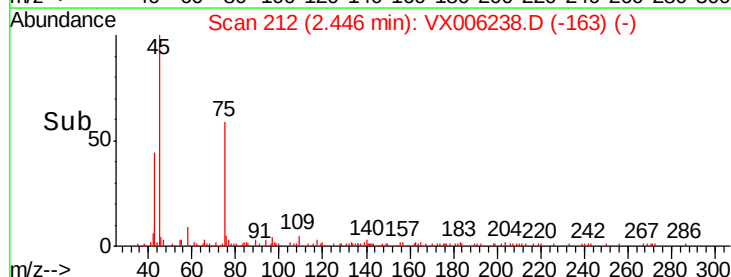
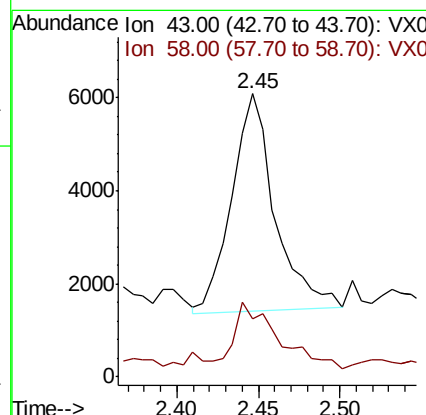
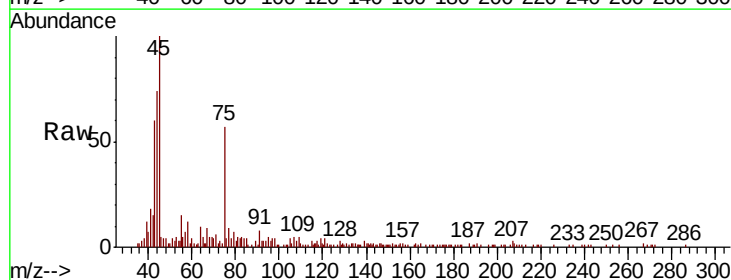
Instrument :
MSVOA_X
ClientSampleId :
MH-H

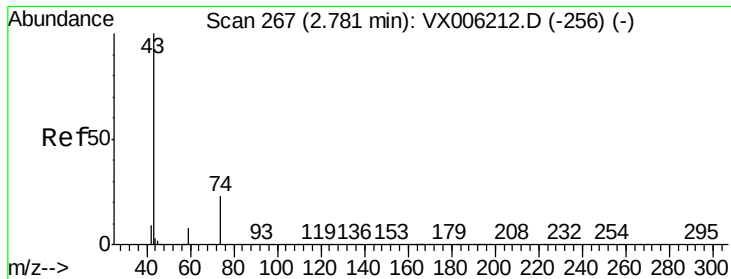
Tot Ion: 59 Resp: 1350
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 1.923 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006238.D
Acq: 30 Nov 2018 18:43

Tgt Ion: 43 Resp: 8647
Ion Ratio Lower Upper
43 100
58 23.1 24.0 36.0#

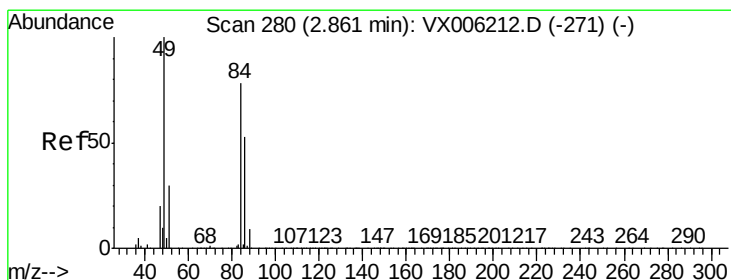
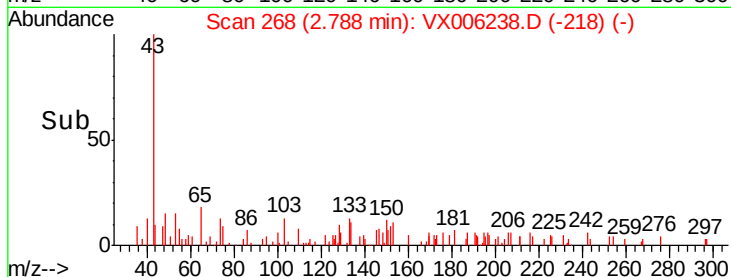
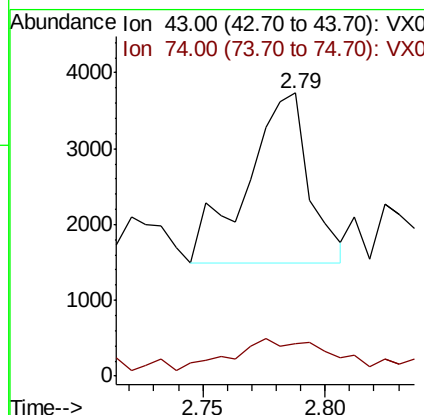
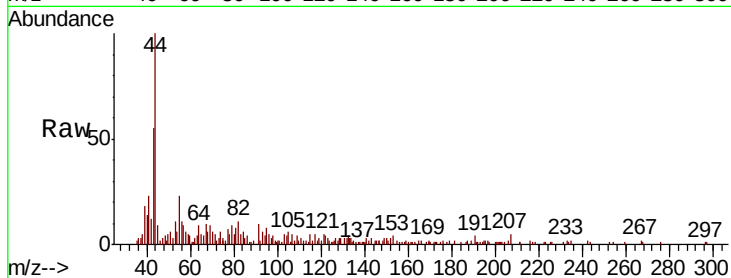




#18
Methyl Acetate
Concen: 0.262 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX006238.D
Acq: 30 Nov 2018 18:43

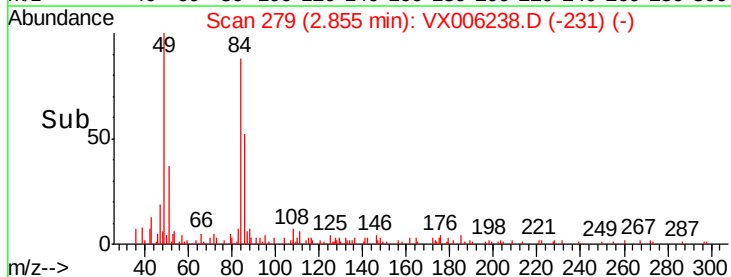
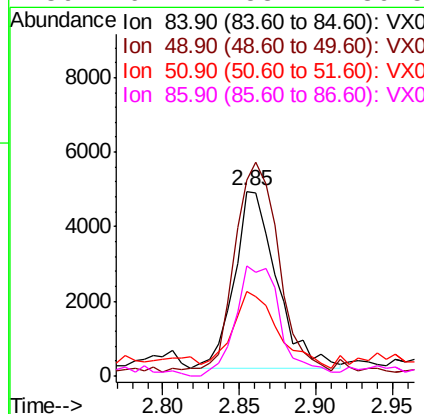
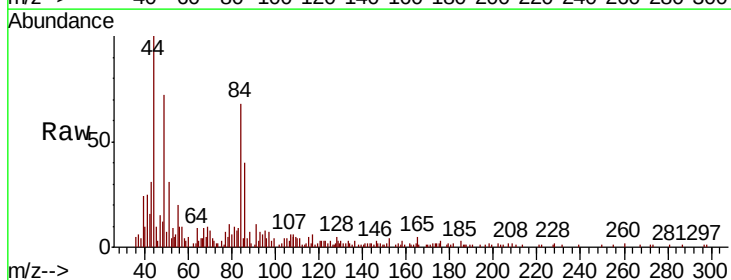
Instrument :
MSVOA_X
ClientSampled :
MH-H

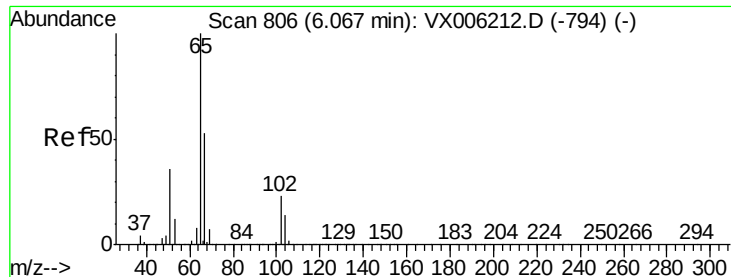
Tot Ion: 43 Resp: 3947
Ion Ratio Lower Upper
43 100
74 28.3 17.9 26.9#



#20
Methylene Chloride
Concen: 0.943 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006238.D
Acq: 30 Nov 2018 18:43

Tgt Ion: 84 Resp: 9024
Ion Ratio Lower Upper
84 100
49 107.3 102.2 153.4
51 37.0 31.1 46.7
86 62.4 53.7 80.5

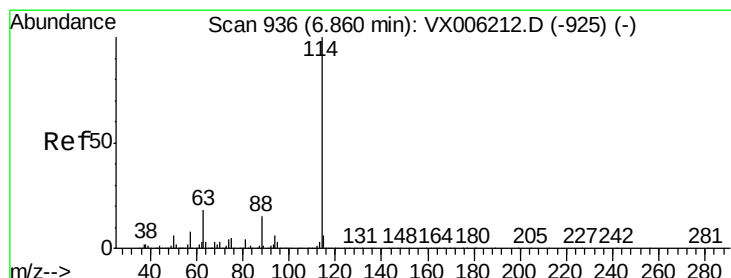
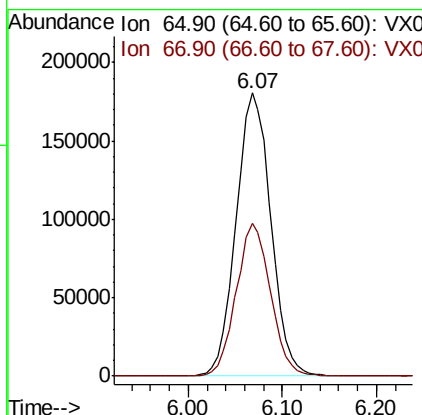
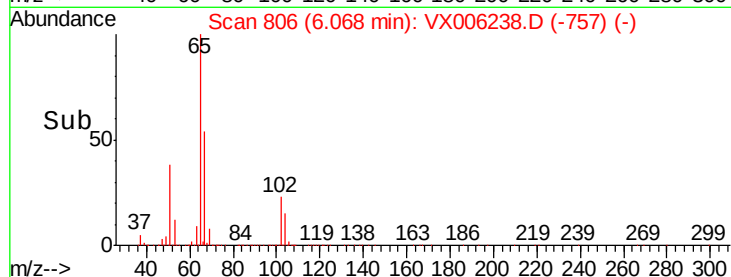
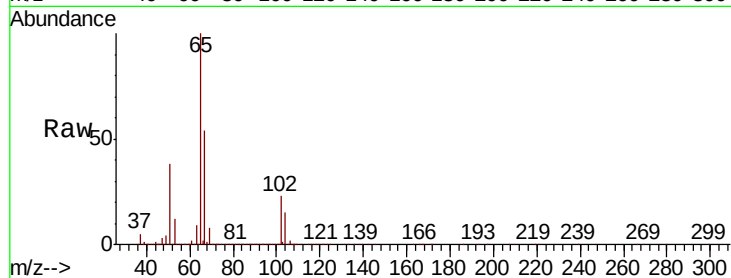




#33
 1,2-Dichloroethane-d4
 Concen: 48.296 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006238.D
 Acq: 30 Nov 2018 18:43

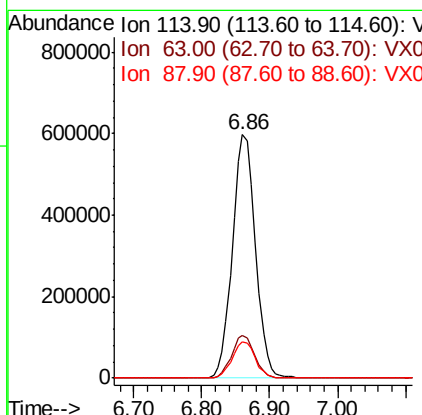
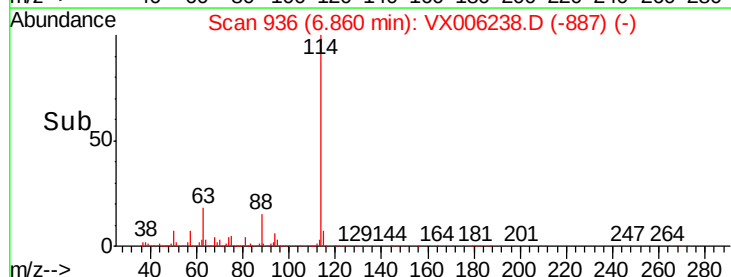
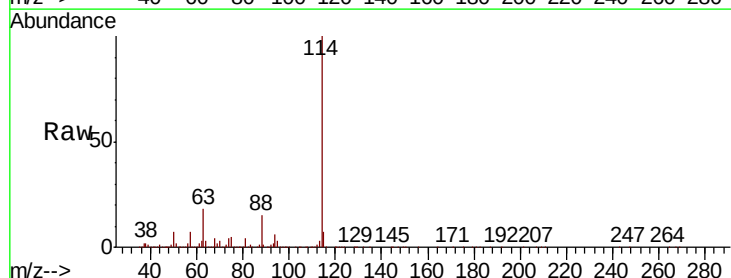
Instrument :
 MSVOA_X
 ClientSampled :
 MH-H

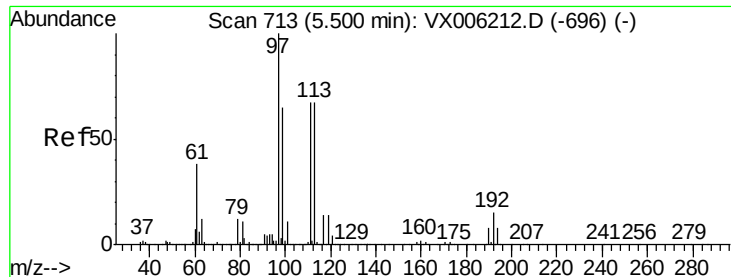
Tot Ion: 65 Resp: 462869
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006238.D
 Acq: 30 Nov 2018 18:43

Tgt Ion: 114 Resp: 1405835
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.336 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

MH-H

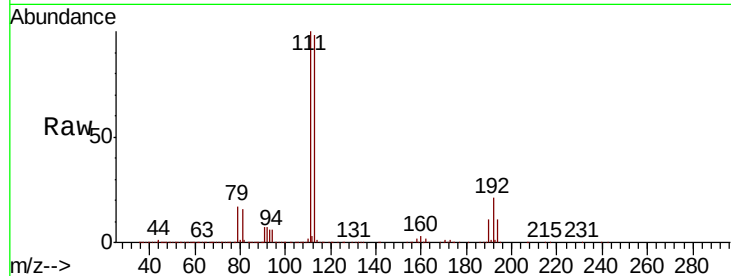
Tot Ion:113 Resp: 449068

Ion Ratio Lower Upper

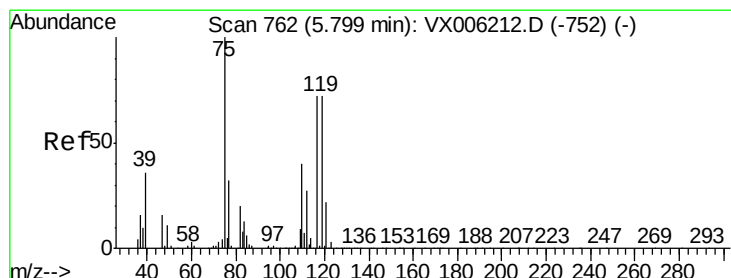
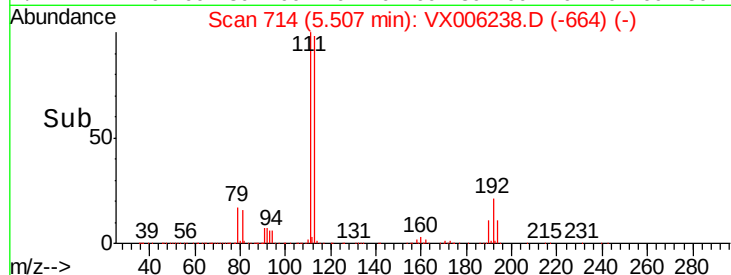
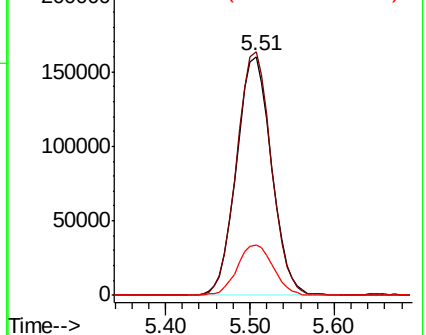
113 100

111 101.5 81.1 121.7

192 21.9 18.2 27.2



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: 4.794 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

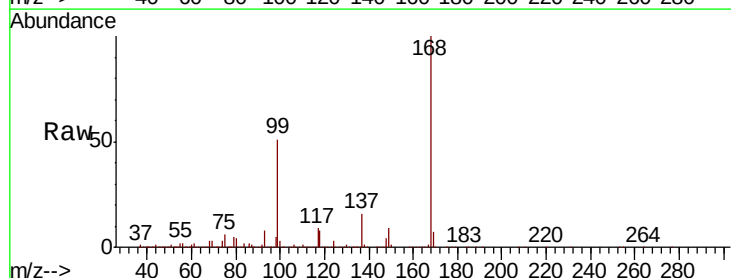
Tgt Ion: 75 Resp: 56759

Ion Ratio Lower Upper

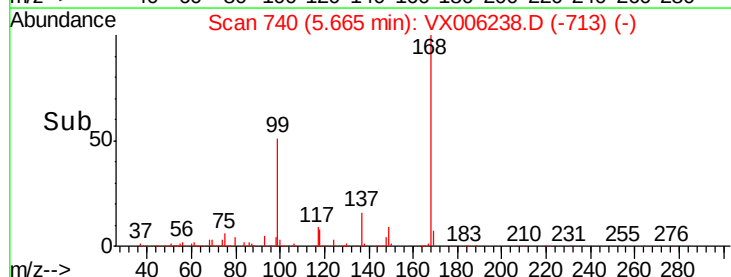
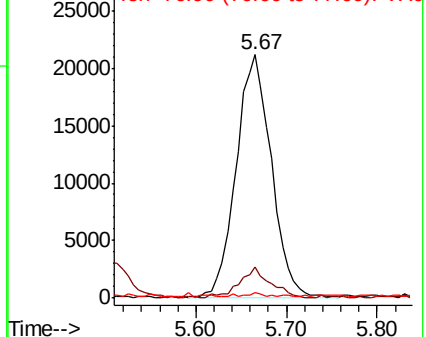
75 100

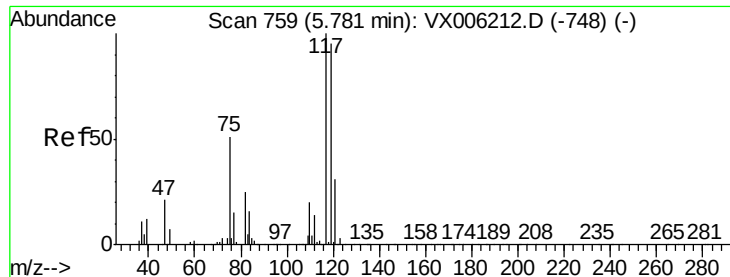
110 11.5 20.4 61.3#

77 0.4 24.9 37.3#



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: 5.997 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

MH-H

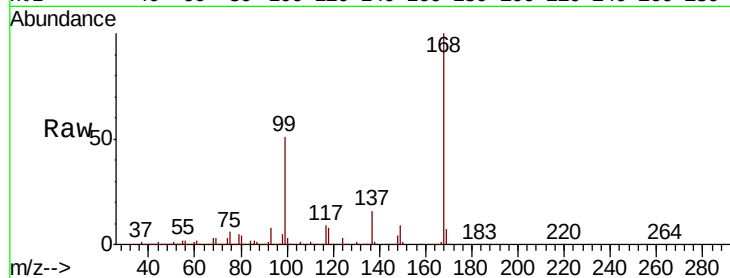
Tot Ion:117 Resp: 83524

Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.8#

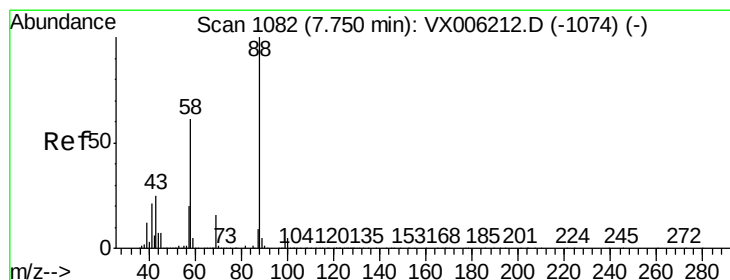
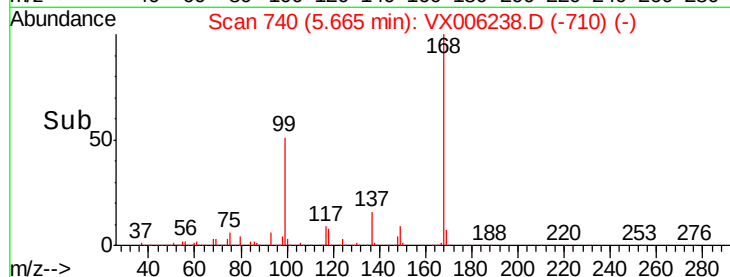
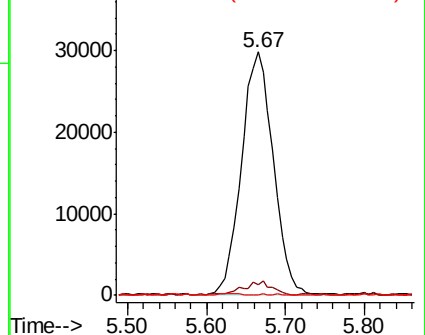
121 0.1 24.6 37.0#



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



#49

1,4-Dioxane

Concen: 0.426 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.03 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

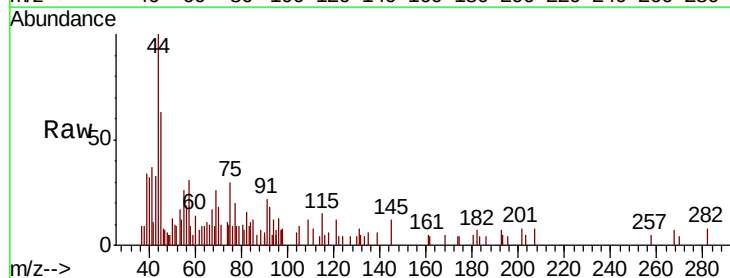
Tgt Ion: 88 Resp: 113

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

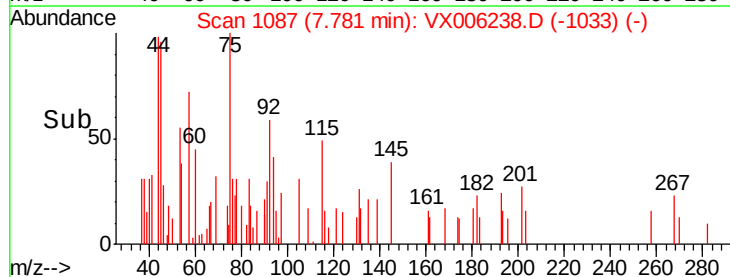
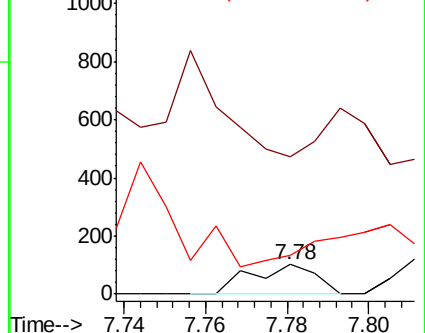
58 0.0 51.4 77.0#

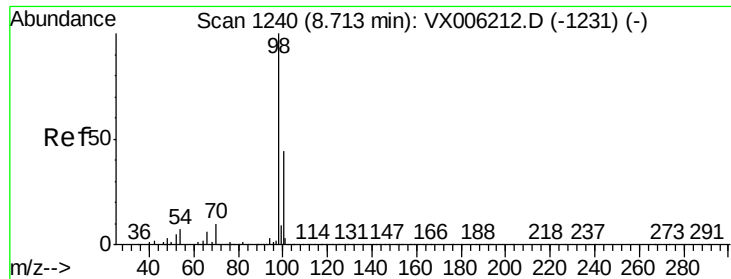


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

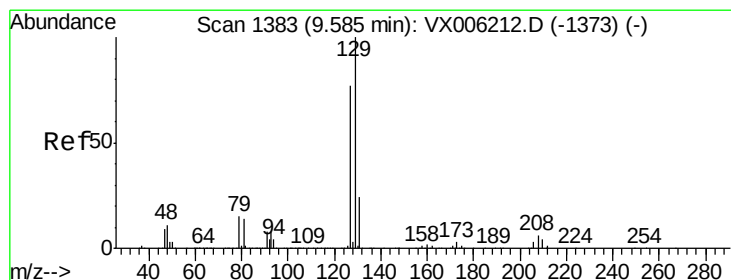
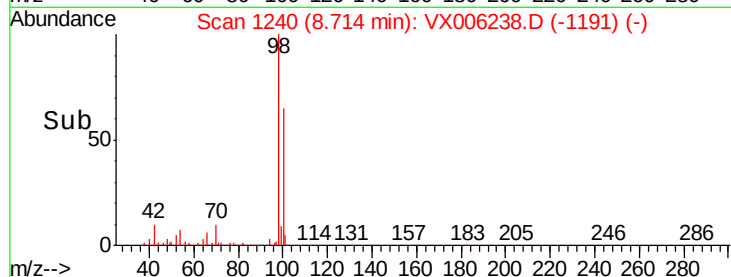
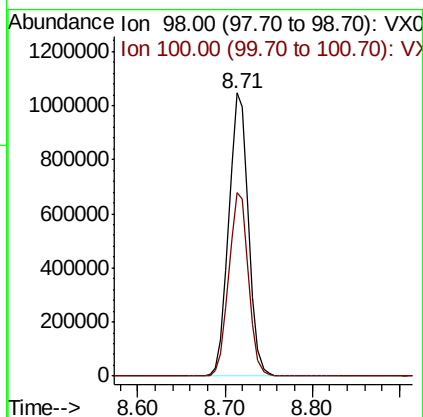
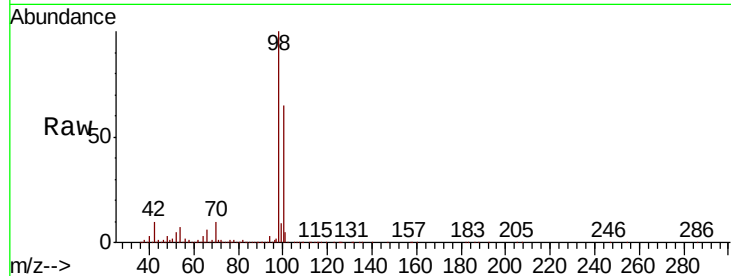




#50
Toluene-d8
Concen: 49.436 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006238.D
Acq: 30 Nov 2018 18:43

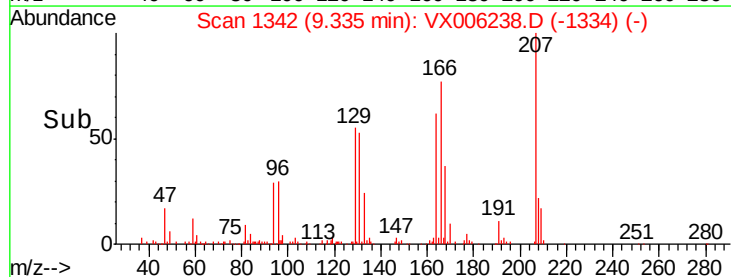
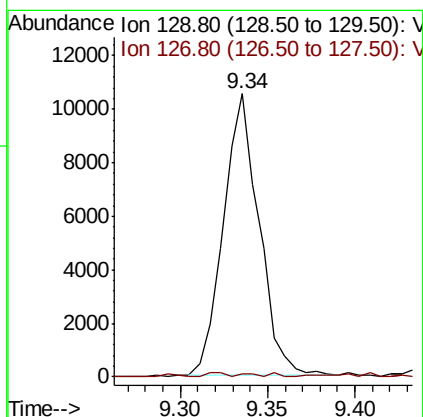
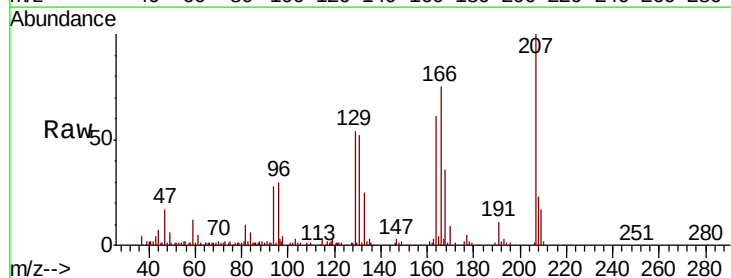
Instrument :
MSVOA_X
ClientSampleId :
MH-H

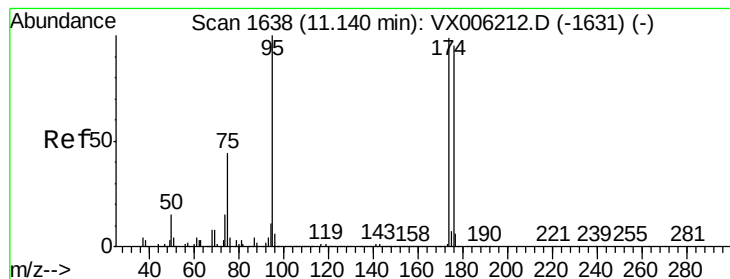
Tot Ion: 98 Resp: 1636759
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#60
Dibromochloromethane
Concen: 1.275 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX006238.D
Acq: 30 Nov 2018 18:43

Tgt Ion: 129 Resp: 14898
Ion Ratio Lower Upper
129 100
127 0.6 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 47.304 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

MH-H

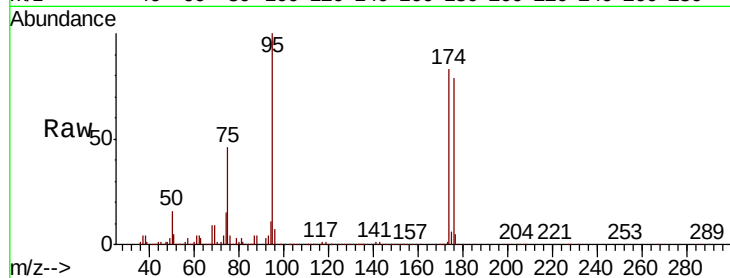
Tot Ion: 95 Resp: 590180

Ion Ratio Lower Upper

95 100

174 90.4 0.0 187.0

176 87.2 0.0 181.8



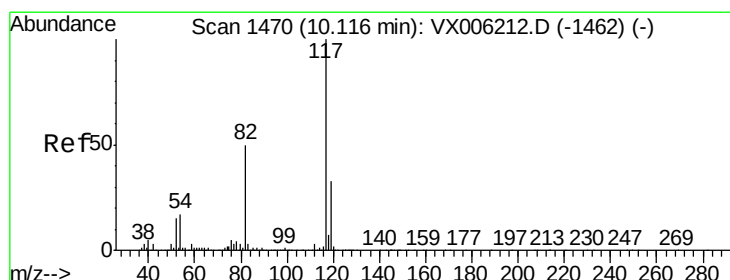
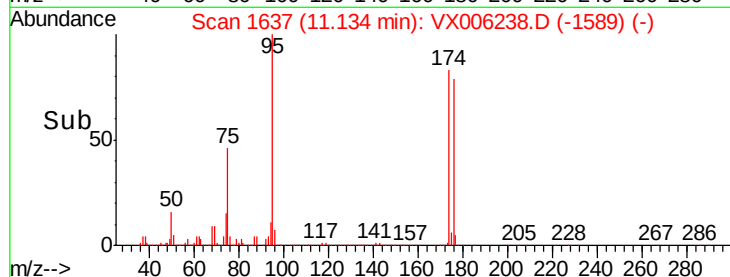
Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)

11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

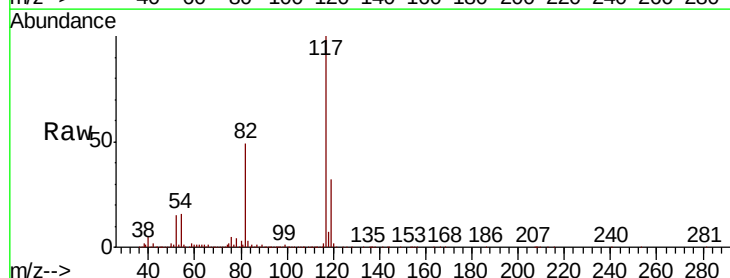
Tgt Ion: 117 Resp: 1261027

Ion Ratio Lower Upper

117 100

82 49.5 39.6 59.4

119 32.0 26.3 39.5



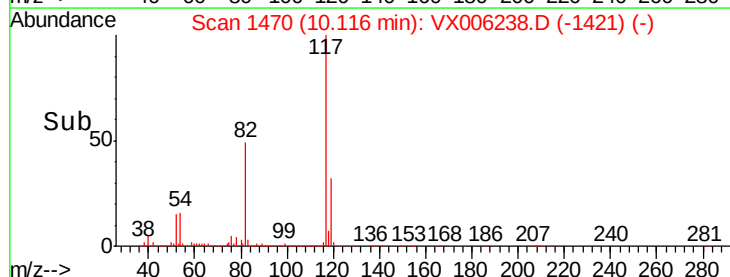
Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

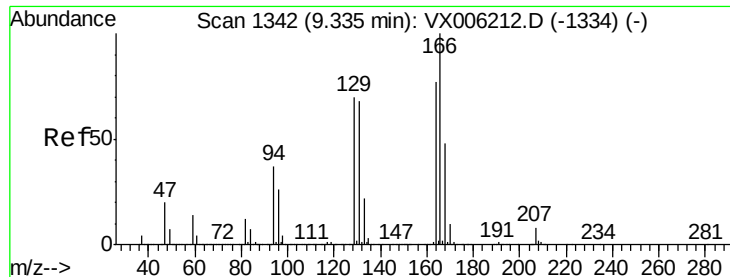
Ion 82.00 (81.70 to 82.70): VX006212.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)

10.12

Time-->





#64

Tetrachloroethene

Concen: 1.805 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

MH-H

Tot Ion:164 Resp: 17137

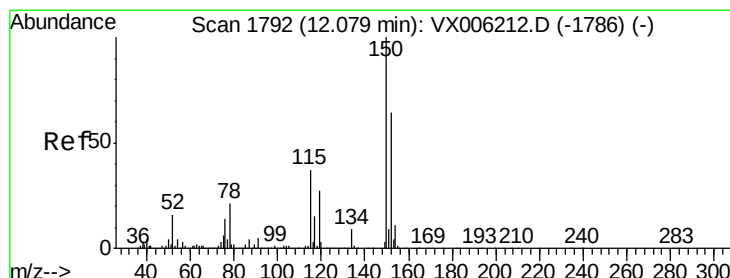
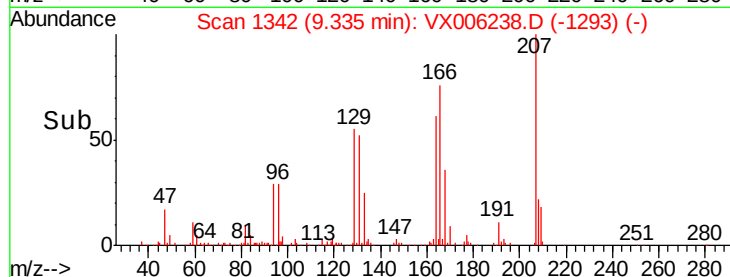
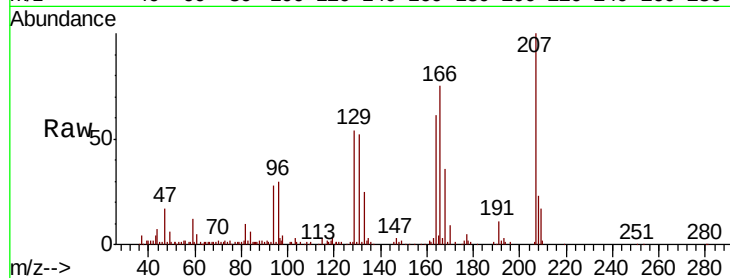
Ion Ratio Lower Upper

164 100

166 123.1 104.2 156.2

129 88.0 72.6 108.8

131 84.3 70.3 105.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

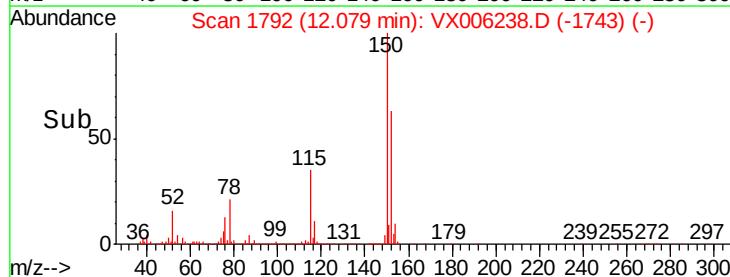
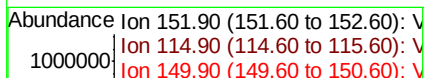
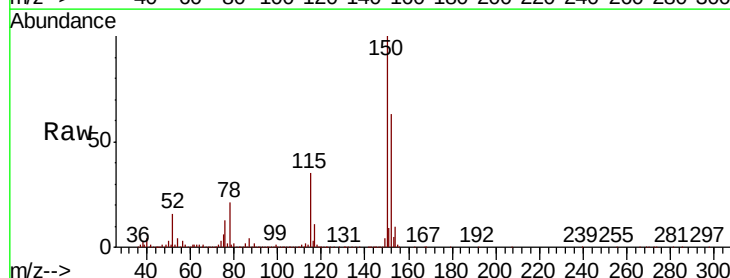
Tgt Ion:152 Resp: 601083

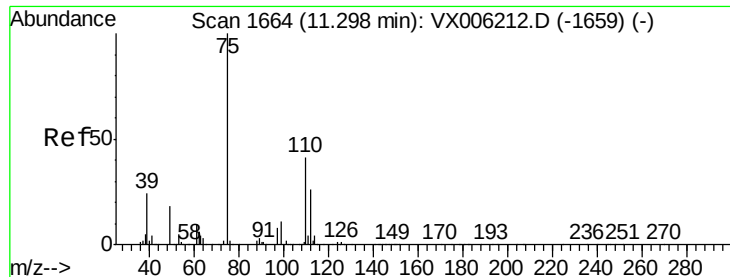
Ion Ratio Lower Upper

152 100

115 55.6 39.0 116.9

150 157.3 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 23.143 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

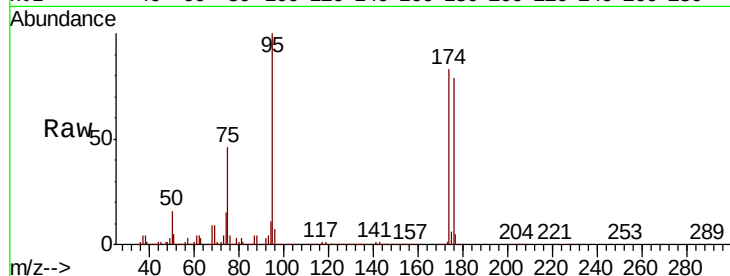
MH-H

Tot Ion: 75 Resp: 268500

Ion Ratio Lower Upper

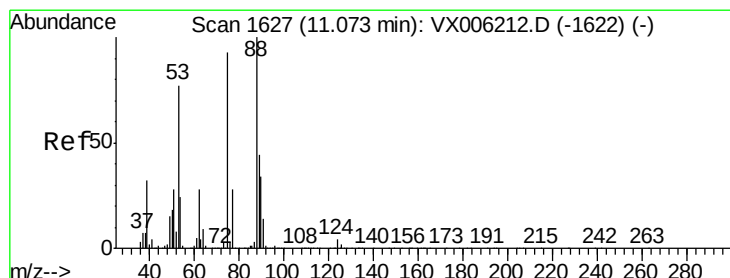
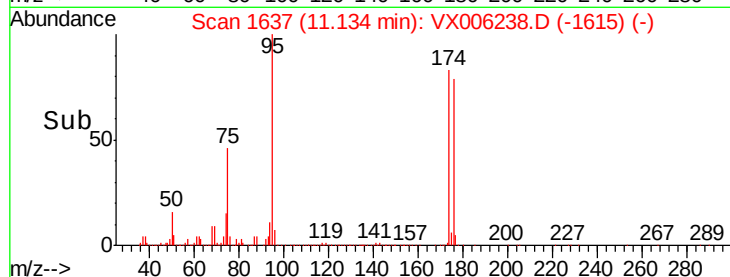
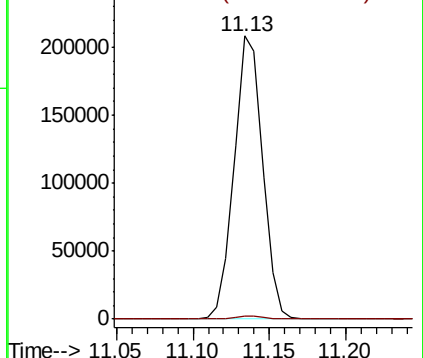
75 100

77 1.2 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 54.310 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

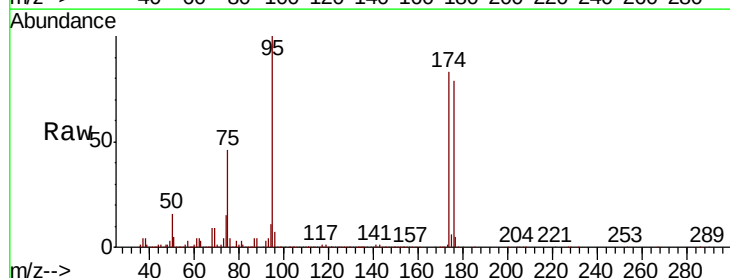
Tgt Ion: 75 Resp: 268500

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#



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

