

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006551.D
 Acq On : 15 Dec 2018 08:21
 Operator : JC/MD
 Sample : J6398-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-07-121118

Quant Time: Dec 15 22:56:25 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

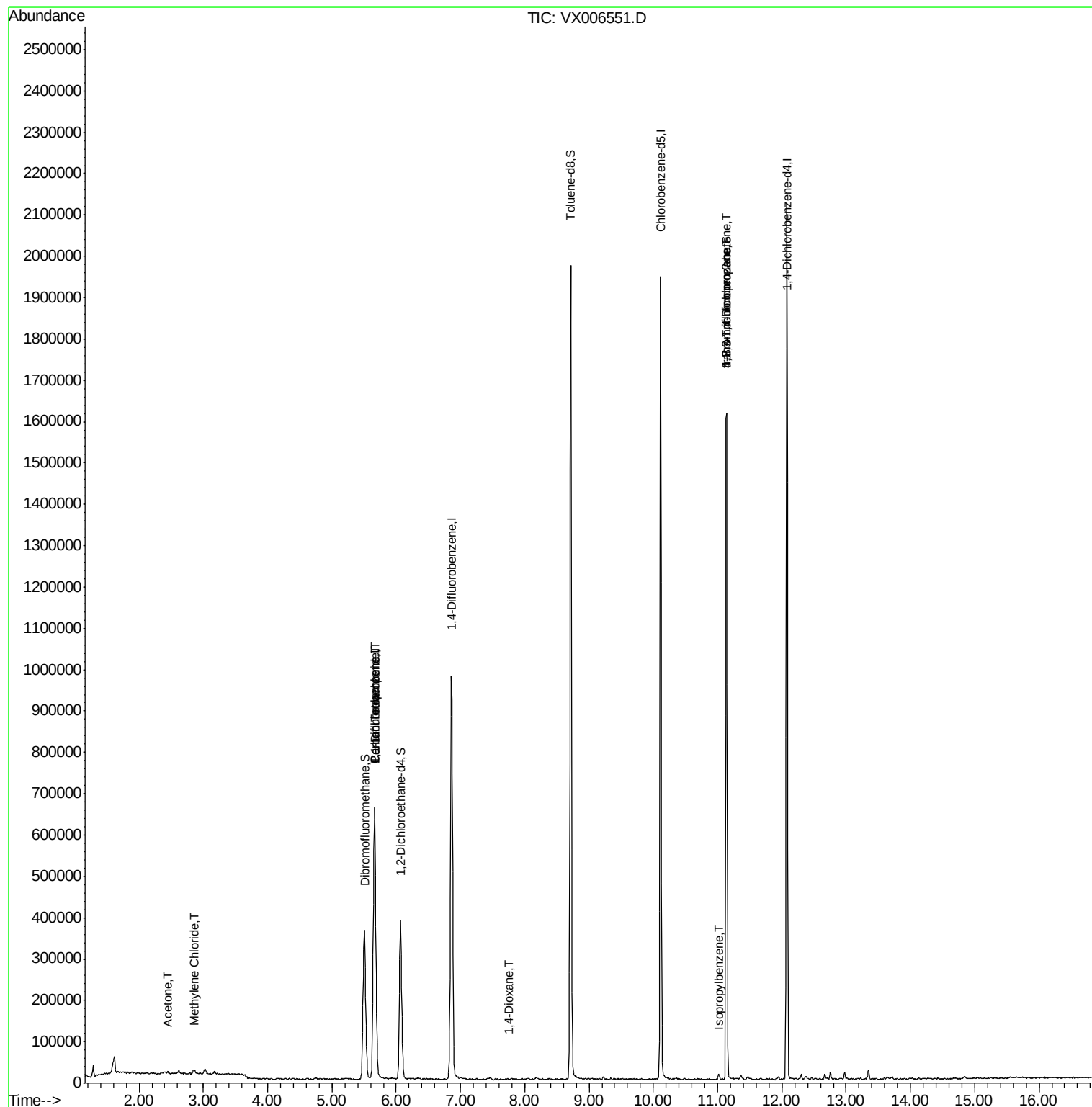
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	657739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1051809	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	959557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	456891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	360644	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
35) Dibromofluoromethane	5.51	113	314035	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
50) Toluene-d8	8.71	98	1236097	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.13	95	451743	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	5300	1.682	ug/l	91
20) Methylene Chloride	2.86	84	3366	0.502	ug/l #	79
36) 1,1-Dichloropropene	5.66	75	43218	4.879	ug/l #	44
38) Carbon Tetrachloride	5.66	117	62357	5.984	ug/l #	16
49) 1,4-Dioxane	7.76	88	176	0.888	ug/l #	49
73) Isopropylbenzene	11.02	105	7022	0.223	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	208101	23.598	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	208101	55.377	ug/l #	15

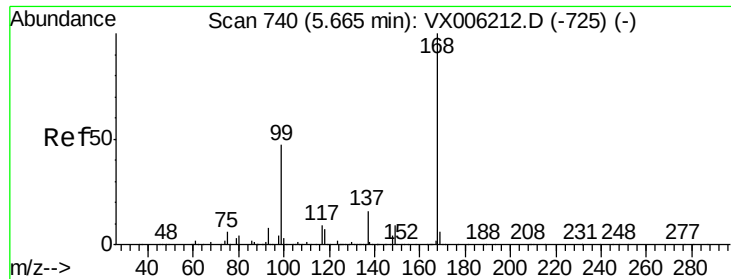
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006551.D

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Instrument :

MSVOA_X

ClientSampleId :

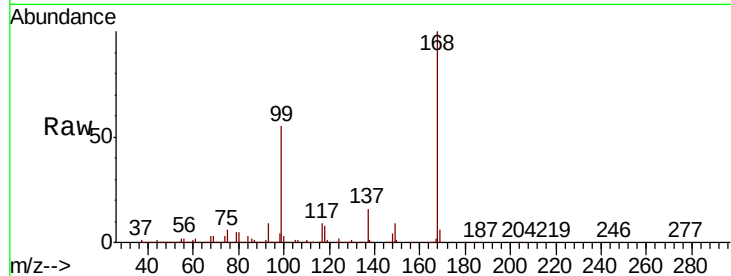
C-MW-07-121118

Tgt Ion:168 Resp: 657739

Ion Ratio Lower Upper

168 100

99 54.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006212.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX006212.D (-725) (-)

5.67

250000

200000

150000

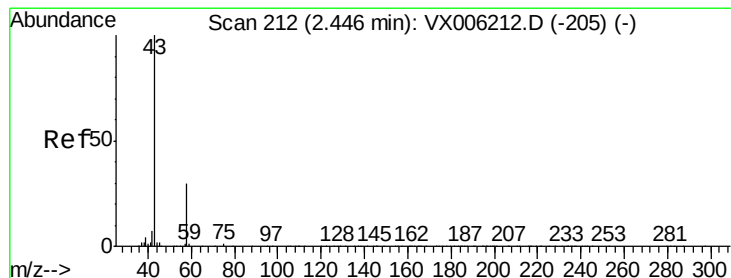
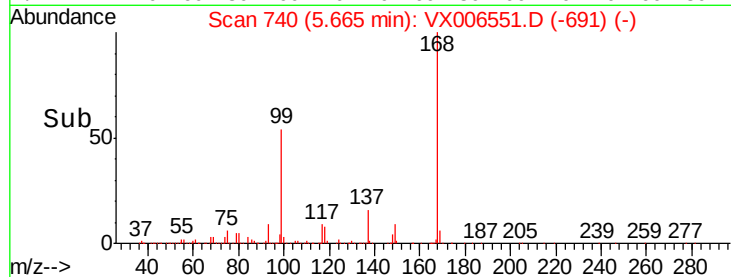
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.682 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006551.D

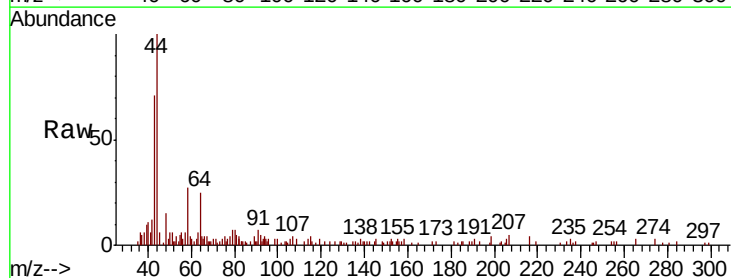
Acq: 15 Dec 2018 08:21

Tgt Ion: 43 Resp: 5300

Ion Ratio Lower Upper

43 100

58 34.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX006212.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX006212.D (-205) (-)

2.45

3000

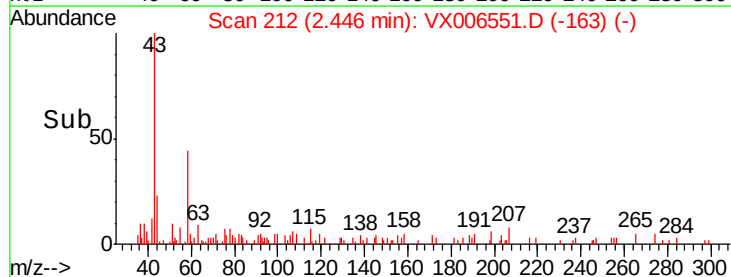
2000

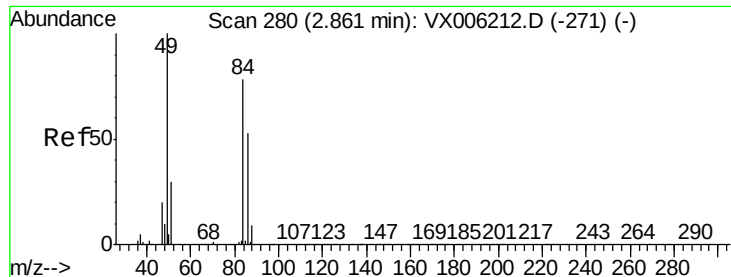
1000

0

Time-->

2.40 2.45

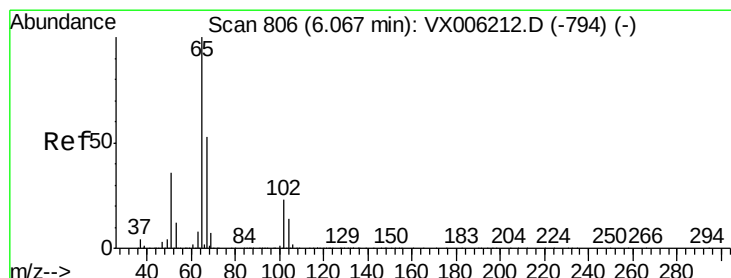
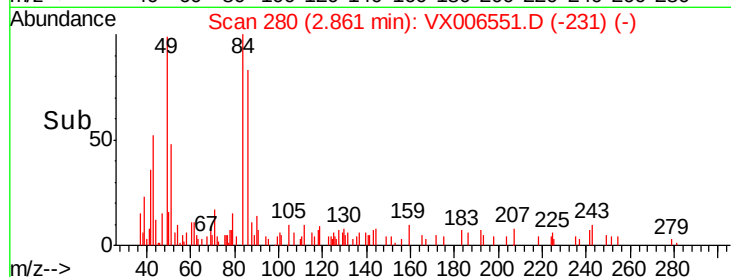
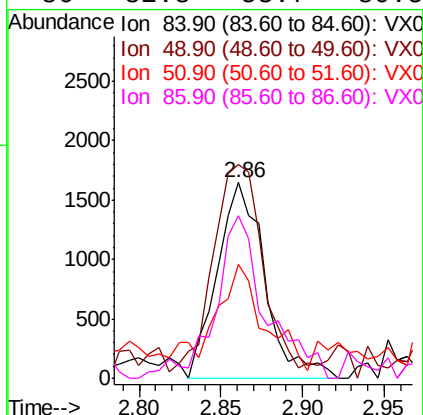
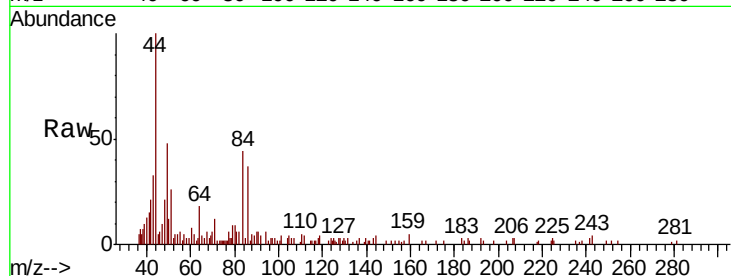




#20
Methylene Chloride
Concen: 0.502 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006551.D
Acq: 15 Dec 2018 08:21

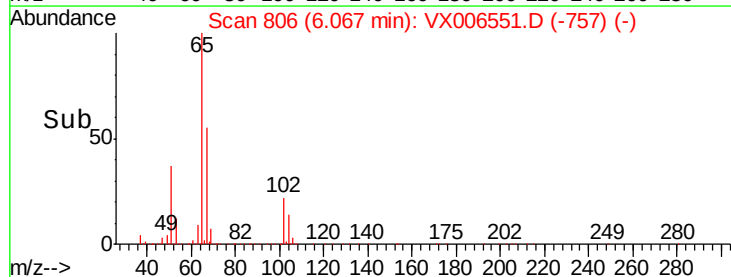
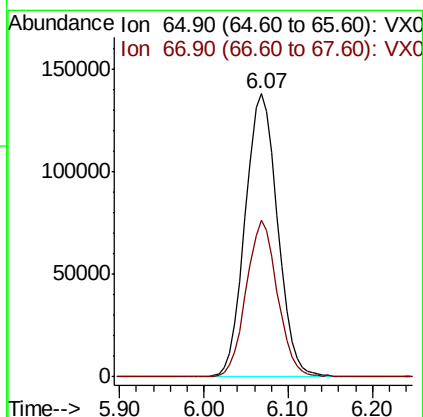
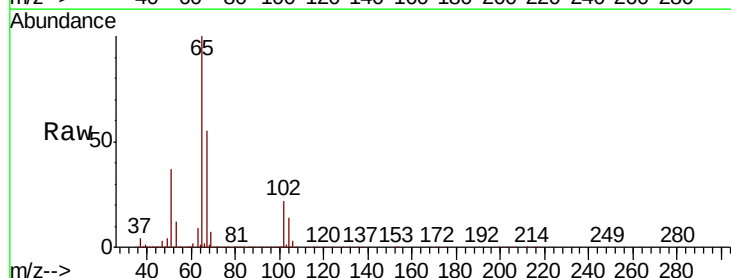
Instrument :
MSVOA_X
ClientSampleId :
C-MW-07-121118

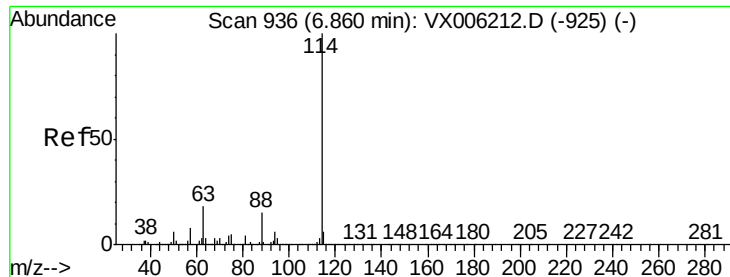
Tgt Ion: 84 Resp: 3366
Ion Ratio Lower Upper
84 100
49 95.5 102.2 153.4#
51 39.5 31.1 46.7
86 82.8 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 53.712 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006551.D
Acq: 15 Dec 2018 08:21

Tgt Ion: 65 Resp: 360644
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2

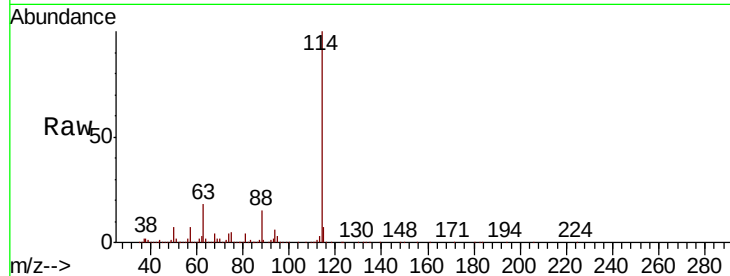




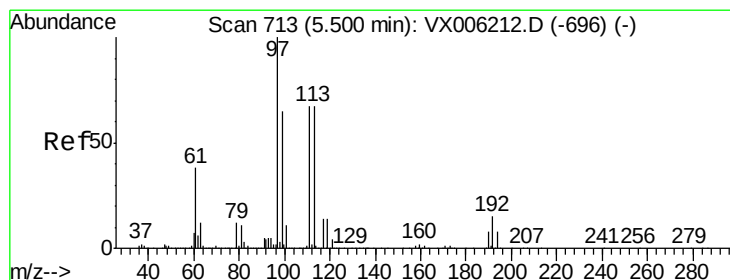
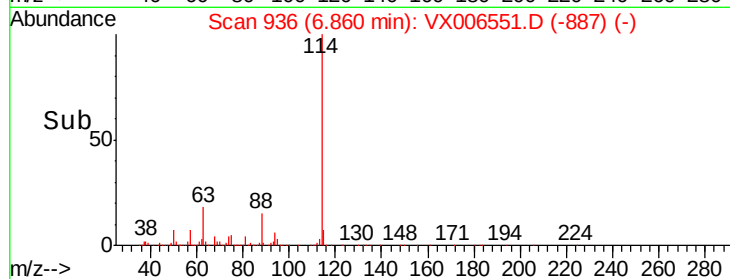
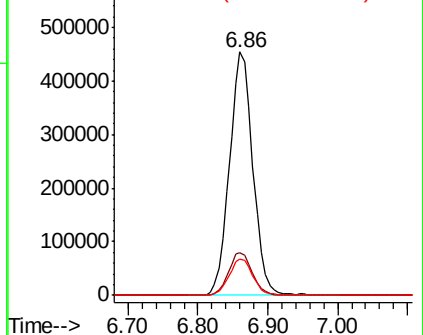
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006551.D
 Acq: 15 Dec 2018 08:21

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-07-121118

Tgt Ion:114 Resp: 1051809
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.6
 88 14.7 0.0 29.0

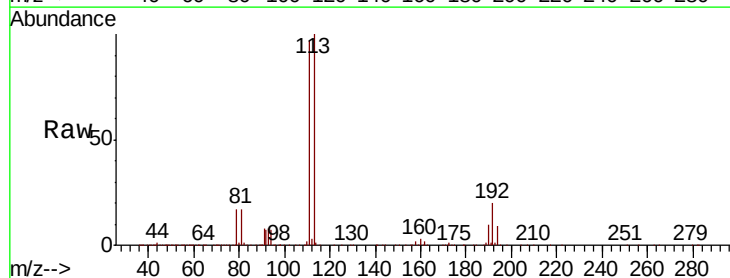


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

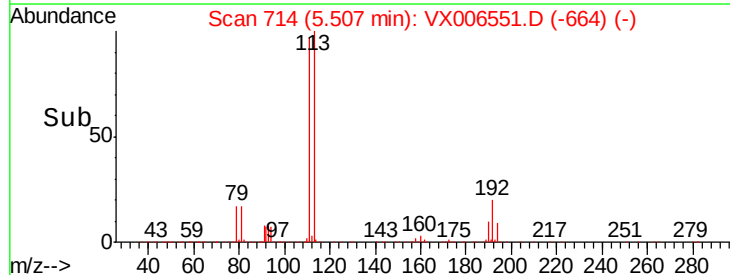
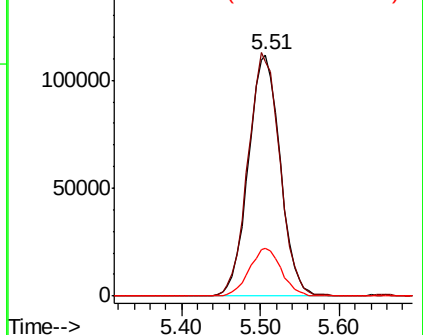


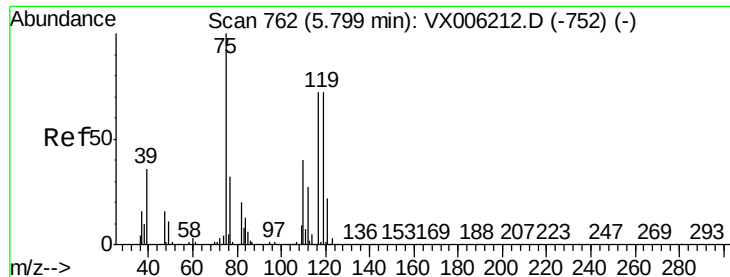
#35
 Dibromofluoromethane
 Concen: 46.113 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006551.D
 Acq: 15 Dec 2018 08:21

Tgt Ion:113 Resp: 314035
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.1 121.7
 192 20.0 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: 4.879 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006551.D

Acq: 15 Dec 2018 08:21

Instrument :

MSVOA_X

ClientSampleId :

C-MW-07-121118

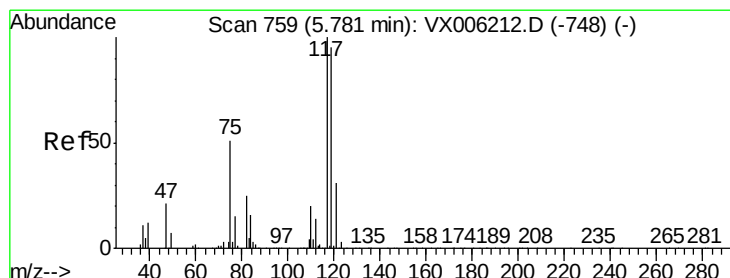
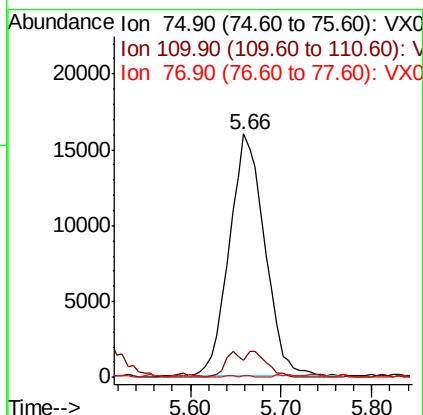
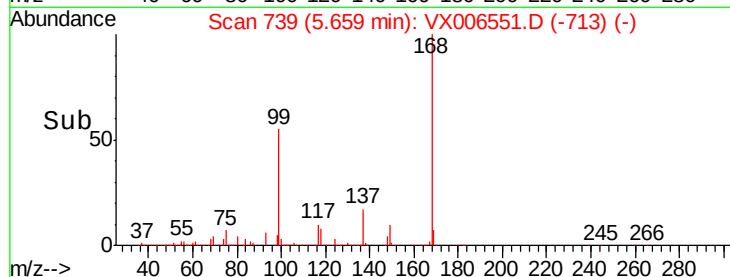
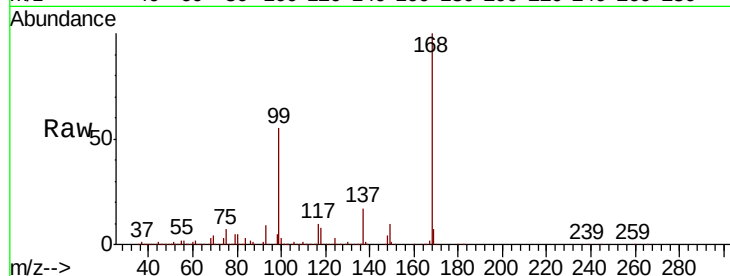
Tgt Ion: 75 Resp: 43218

Ion Ratio Lower Upper

75 100

110 6.1 20.4 61.3#

77 0.2 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.984 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006551.D

Acq: 15 Dec 2018 08:21

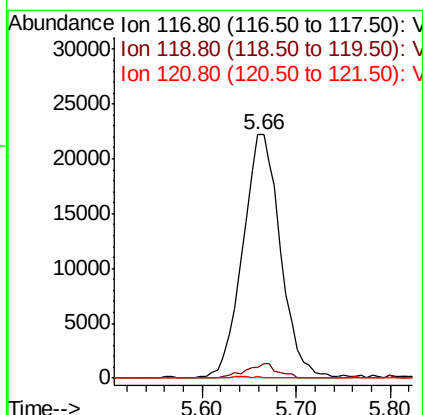
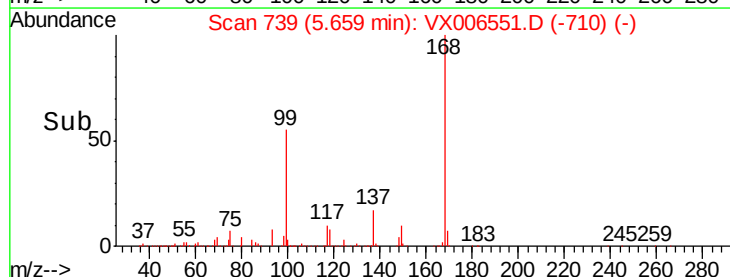
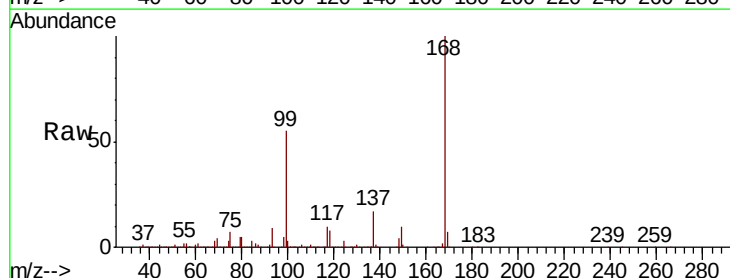
Tgt Ion: 117 Resp: 62357

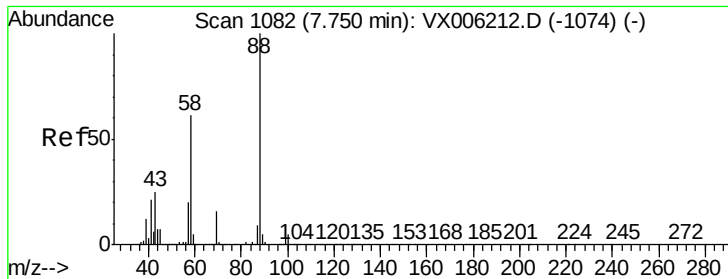
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

121 0.4 24.6 37.0#

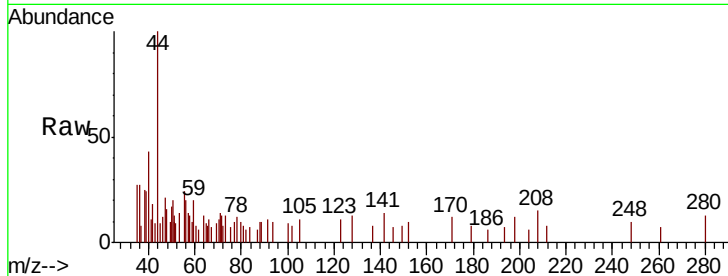




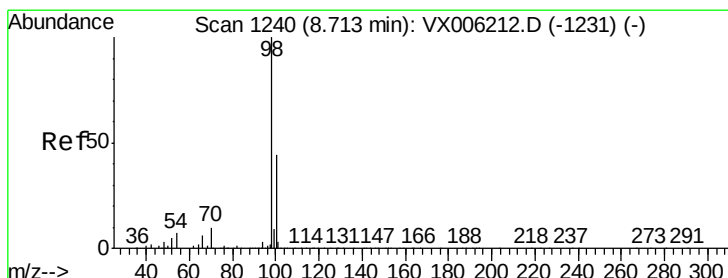
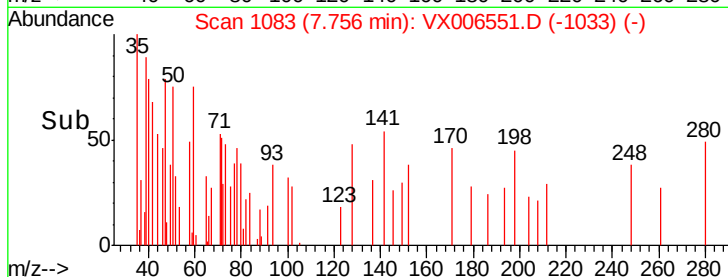
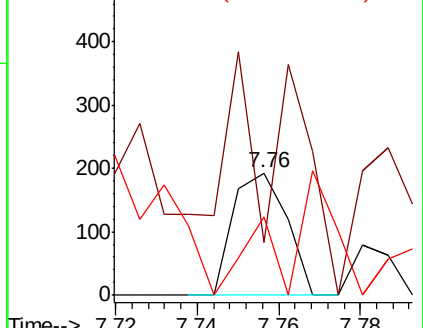
#49
1,4-Dioxane
Concen: 0.888 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006551.D
Acq: 15 Dec 2018 08:21

Instrument :
MSVOA_X
ClientSampleId :
C-MW-07-121118

Tgt Ion: 88 Resp: 176
Ion Ratio Lower Upper
88 100
43 62.5 23.2 34.8#
58 100.0 51.4 77.0#

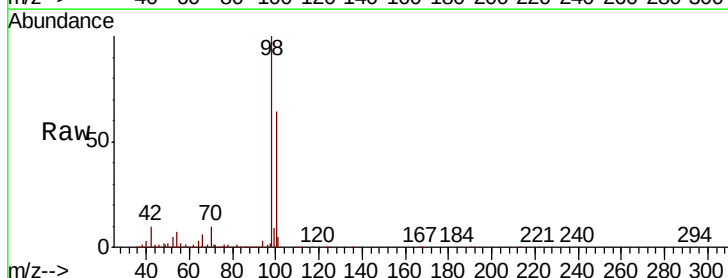


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

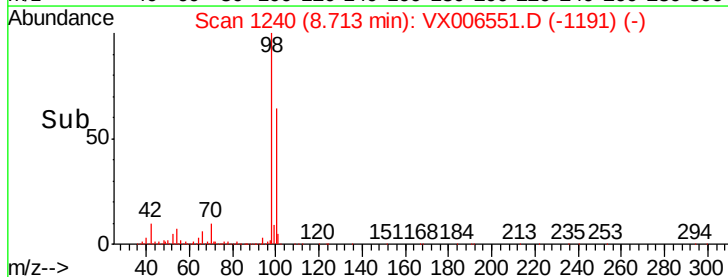
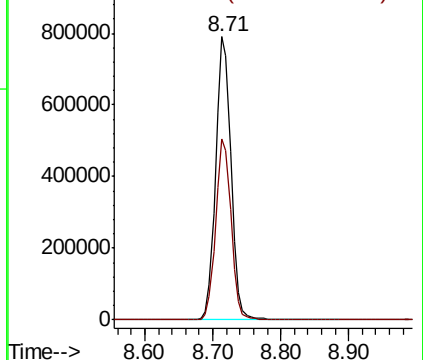


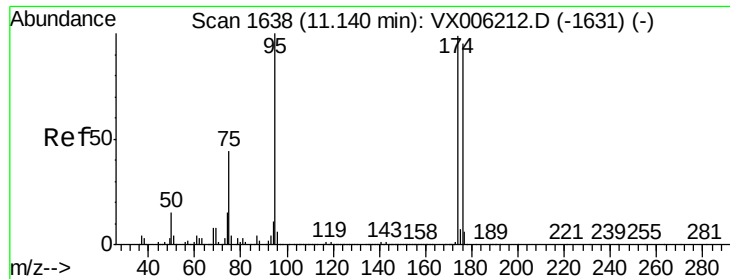
#50
Toluene-d8
Concen: 49.901 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006551.D
Acq: 15 Dec 2018 08:21

Tgt Ion: 98 Resp: 1236097
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



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





#62

4-Bromofluorobenzene

Concen: 48.395 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006551.D

Acq: 15 Dec 2018 08:21

Instrument :

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ClientSampleId :

C-MW-07-121118

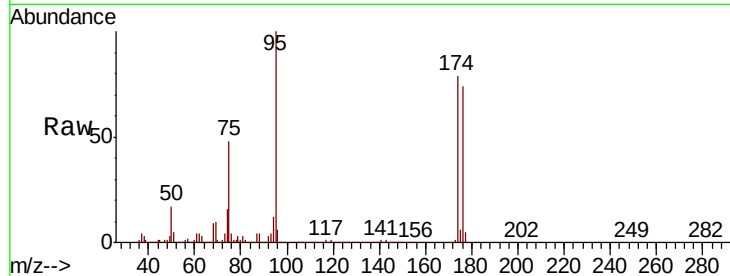
Tgt Ion: 95 Resp: 451743

Ion Ratio Lower Upper

95 100

174 85.7 0.0 187.0

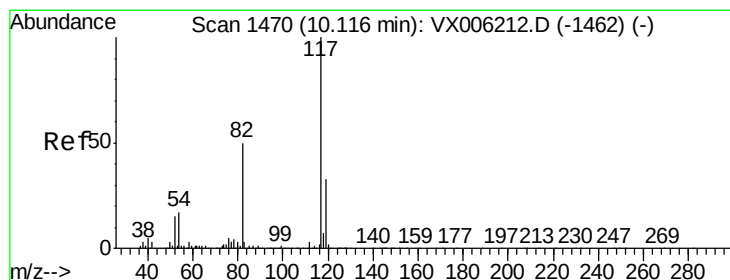
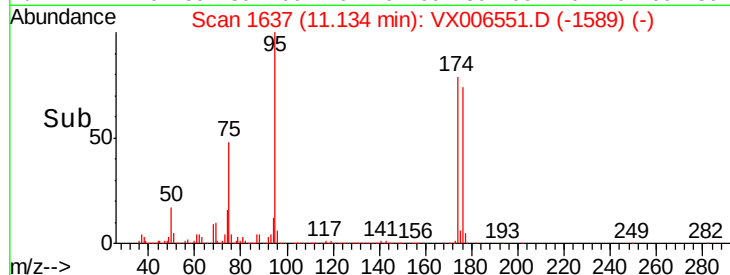
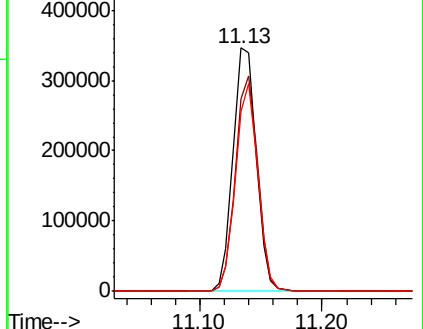
176 82.2 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006551.D

Acq: 15 Dec 2018 08:21

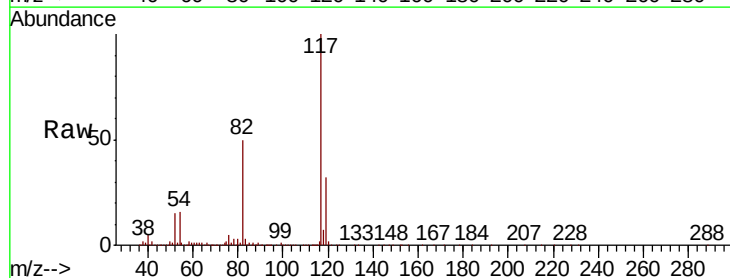
Tgt Ion: 117 Resp: 959557

Ion Ratio Lower Upper

117 100

82 50.4 39.6 59.4

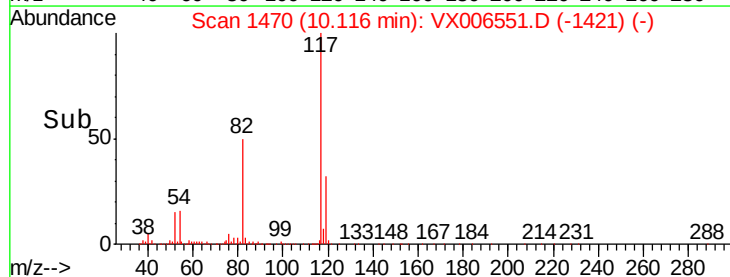
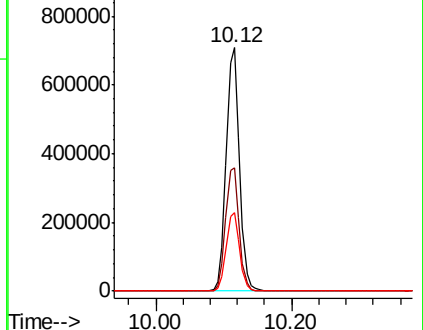
119 32.5 26.3 39.5

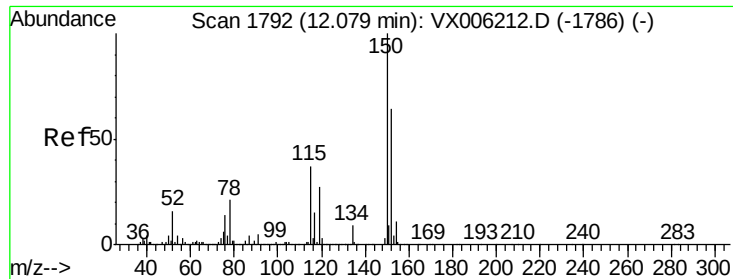


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006551.D

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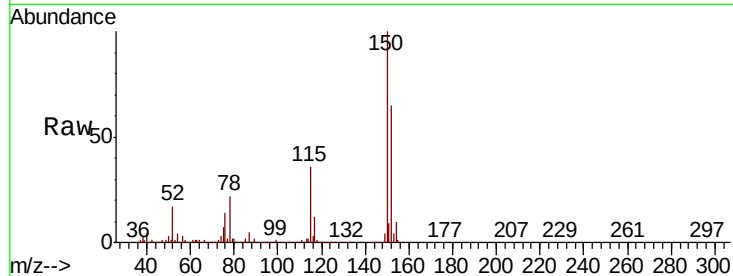
Tgt Ion:152 Resp: 456891

Ion Ratio Lower Upper

152 100

115 56.2 39.0 116.9

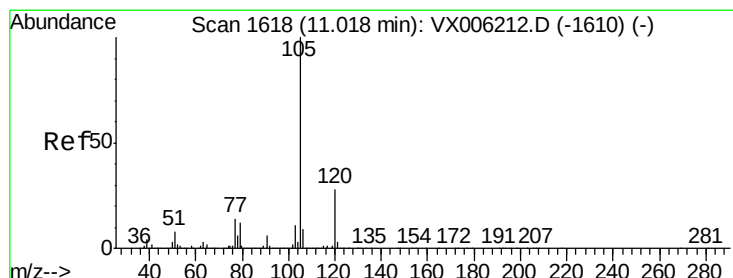
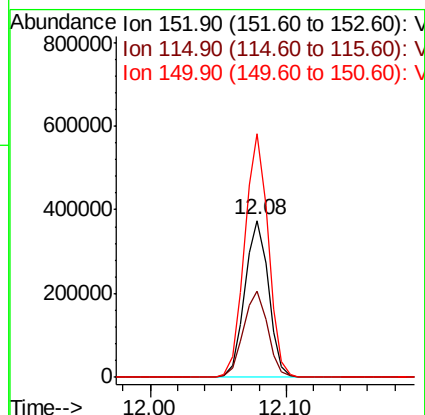
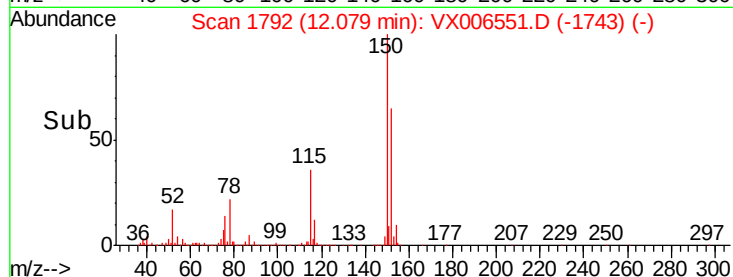
150 154.3 0.0 345.8



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



#73

Isopropylbenzene

Concen: 0.223 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006551.D

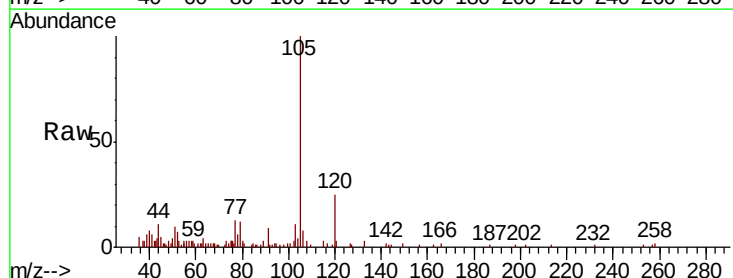
Acq: 15 Dec 2018 08:21

Tgt Ion:105 Resp: 7022

Ion Ratio Lower Upper

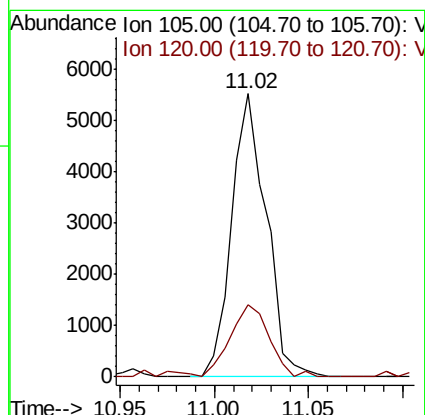
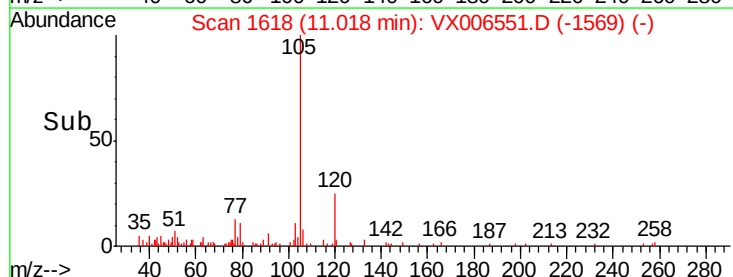
105 100

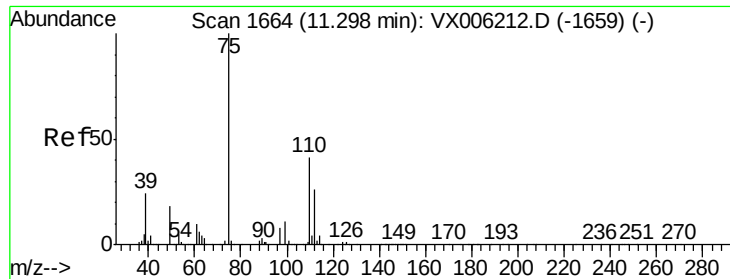
120 28.6 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

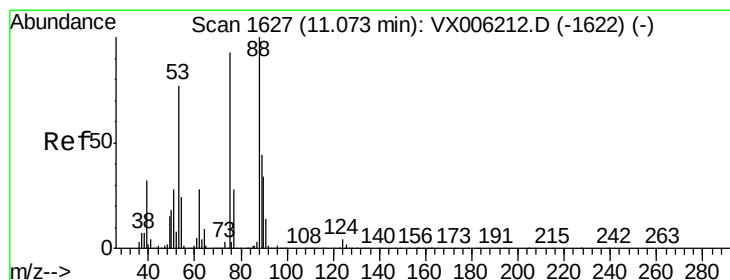
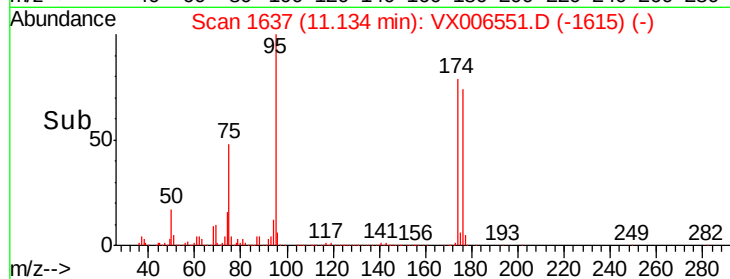
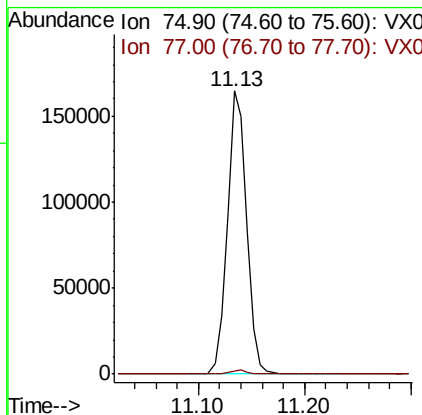
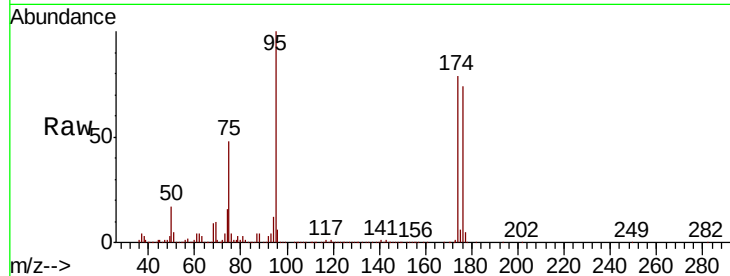




#76
 1,2,3-Trichloropropane
 Concen: 23.598 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006551.D
 Acq: 15 Dec 2018 08:21

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-07-121118

Tgt Ion: 75 Resp: 208101
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.377 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006551.D
 Acq: 15 Dec 2018 08:21

Tgt Ion: 75 Resp: 208101
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.4 96.6#
 89 0.0 44.2 66.4#

