

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006549.D
 Acq On : 15 Dec 2018 07:27
 Operator : JC/MD
 Sample : J6398-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-06-121118

Quant Time: Dec 15 22:56:08 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

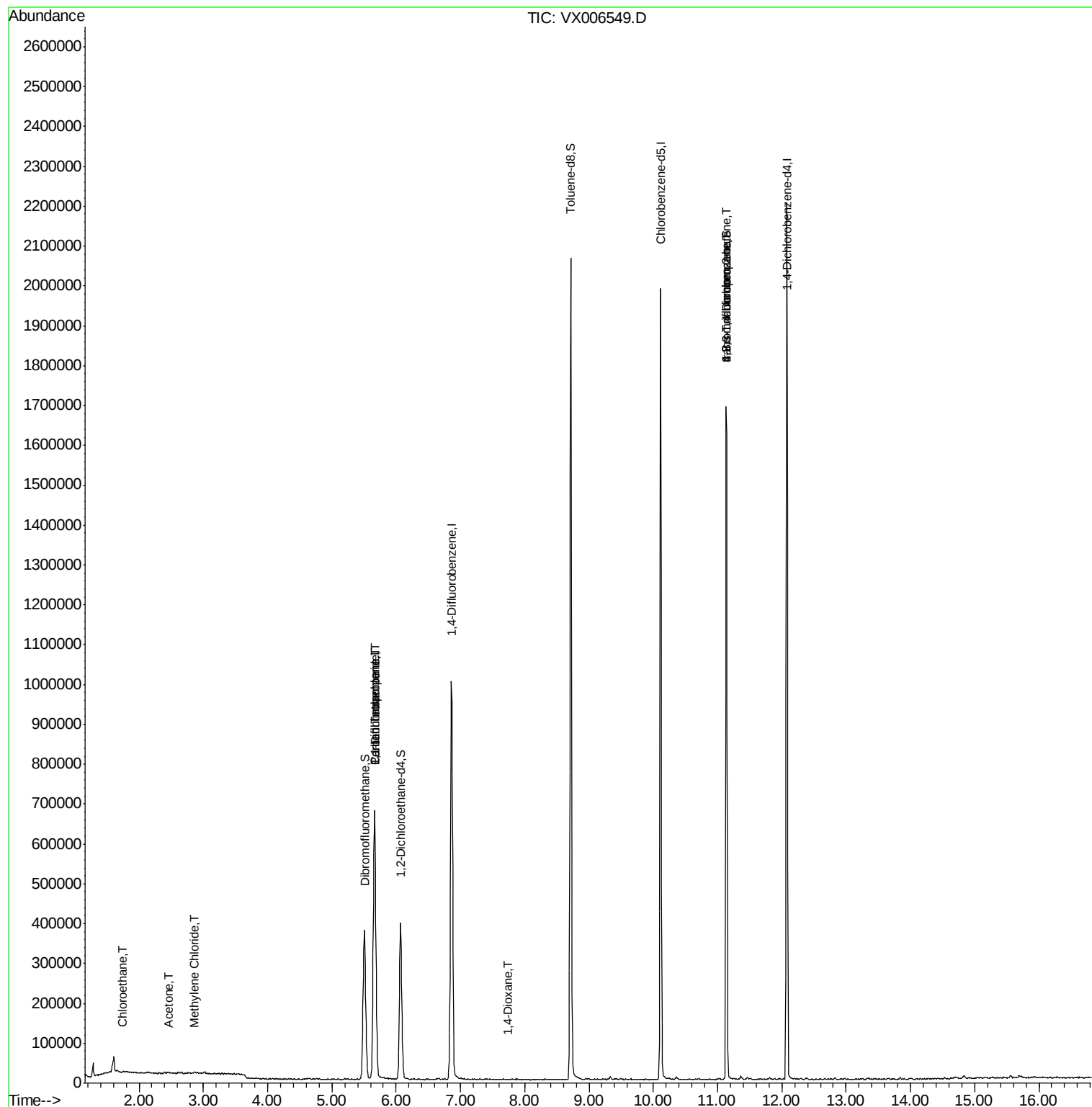
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	703118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1098116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1002381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	477419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	369830	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
35) Dibromofluoromethane	5.51	113	324622	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
50) Toluene-d8	8.71	98	1291403	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	471704	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.73	64	1234	0.264	ug/l #	42
16) Acetone	2.45	43	3122	0.927	ug/l	96
20) Methylene Chloride	2.85	84	2048	0.286	ug/l #	76
36) 1,1-Dichloropropene	5.67	75	43709	4.727	ug/l #	50
38) Carbon Tetrachloride	5.67	117	63631	5.849	ug/l #	17
49) 1,4-Dioxane	7.73	88	79	0.382	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	216637	23.509	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	216637	55.170	ug/l #	15

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

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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: VX006549.D

Acq: 15 Dec 2018 07:27

Instrument :

MSVOA_X

ClientSampleId :

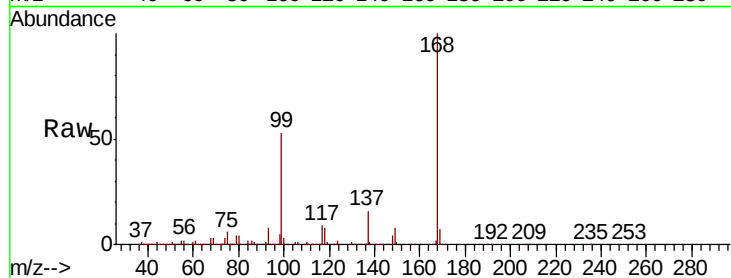
C-MW-06-121118

Tgt Ion:168 Resp: 703118

Ion Ratio Lower Upper

168 100

99 53.1 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

250000

200000

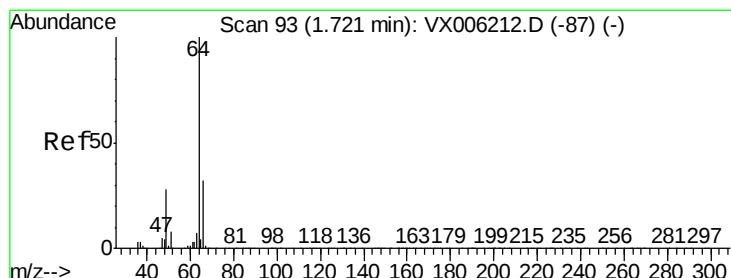
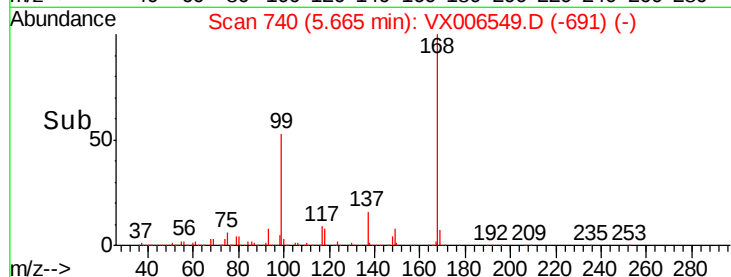
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.264 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.01 min

Lab File: VX006549.D

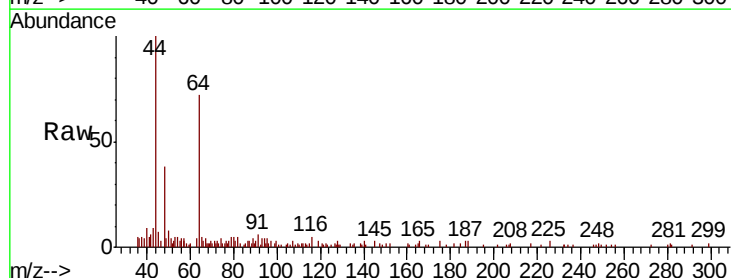
Acq: 15 Dec 2018 07:27

Tgt Ion: 64 Resp: 1234

Ion Ratio Lower Upper

64 100

66 0.0 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

4000

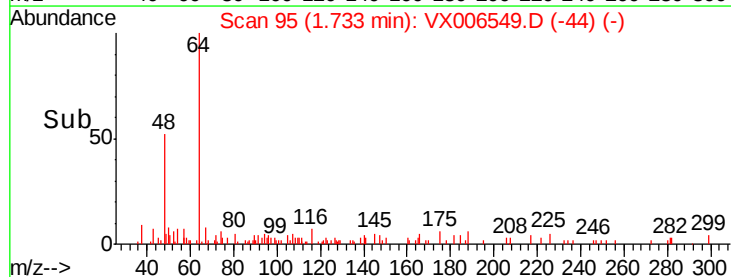
3000

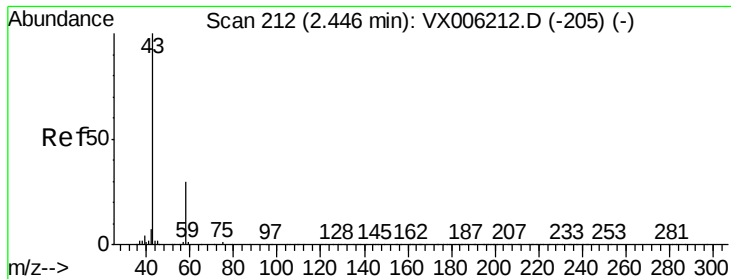
2000

1000

0

Time-->

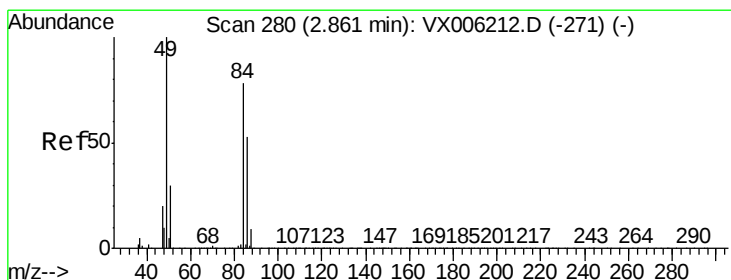
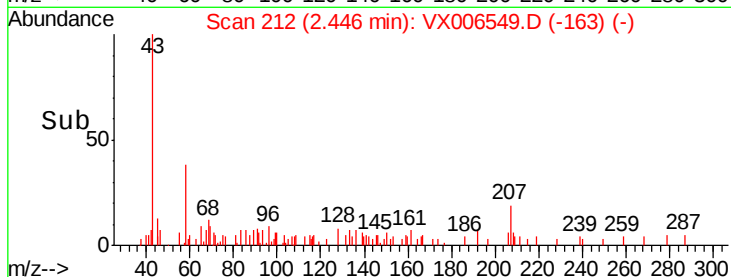
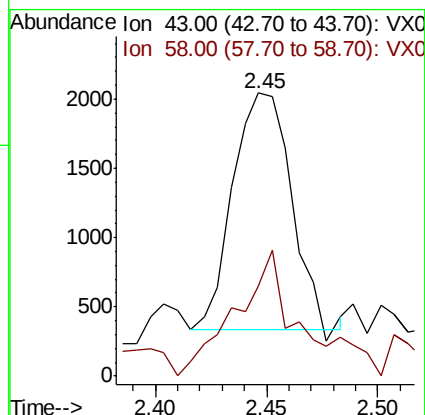
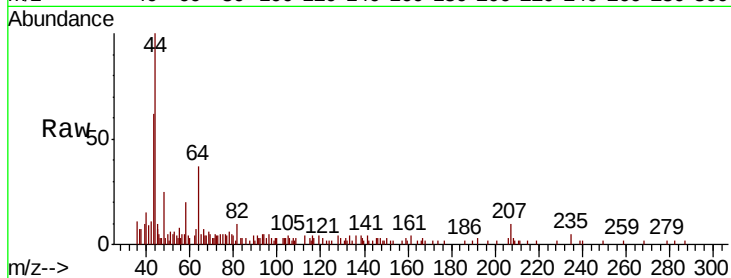




#16
Acetone
Concen: 0.927 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006549.D
Acq: 15 Dec 2018 07:27

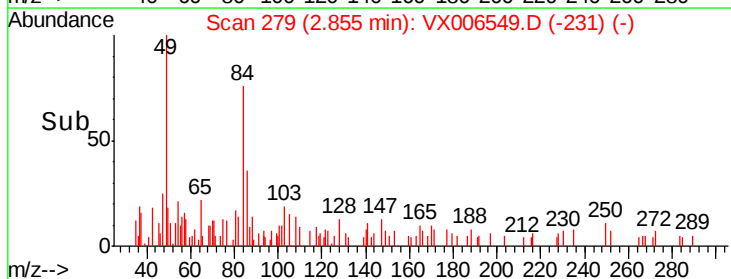
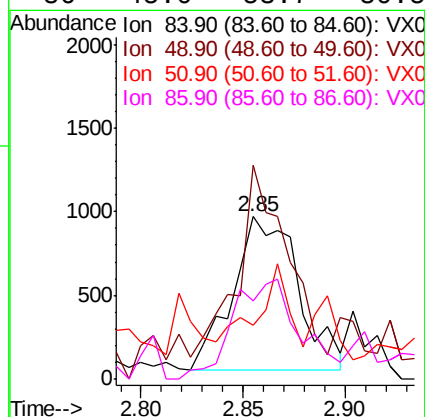
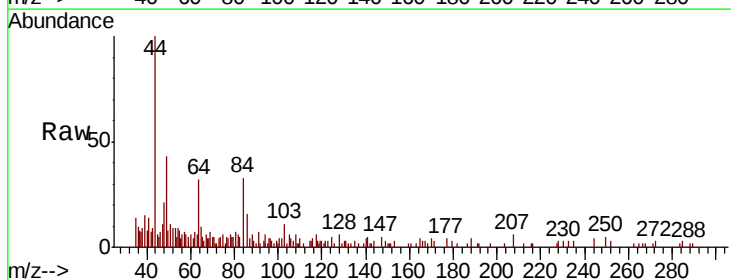
Instrument :
MSVOA_X
ClientSampleId :
C-MW-06-121118

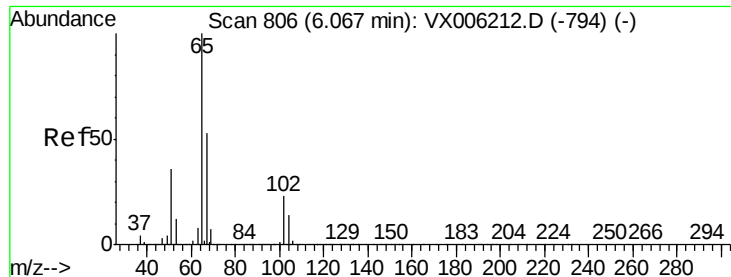
Tgt Ion: 43 Resp: 3122
Ion Ratio Lower Upper
43 100
58 32.0 24.0 36.0



#20
Methylene Chloride
Concen: 0.286 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006549.D
Acq: 15 Dec 2018 07:27

Tgt Ion: 84 Resp: 2048
Ion Ratio Lower Upper
84 100
49 110.7 102.2 153.4
51 10.0 31.1 46.7#
86 45.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 51.525 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006549.D

Acq: 15 Dec 2018 07:27

Instrument :

MSVOA_X

ClientSampleId :

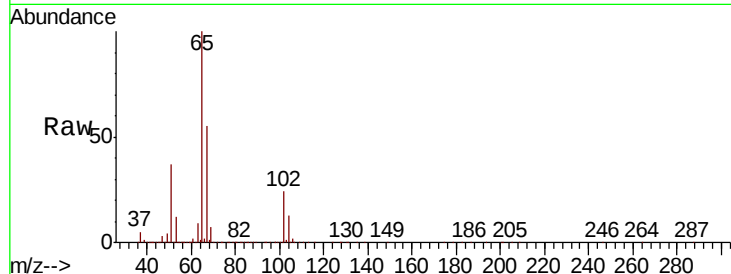
C-MW-06-121118

Tgt Ion: 65 Resp: 369830

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

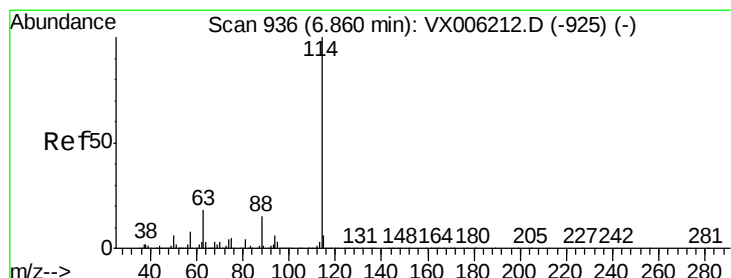
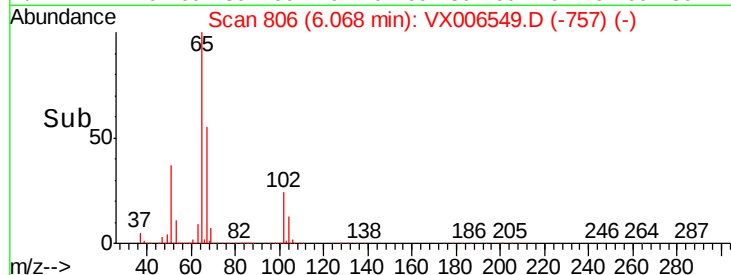
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006549.D

Acq: 15 Dec 2018 07:27

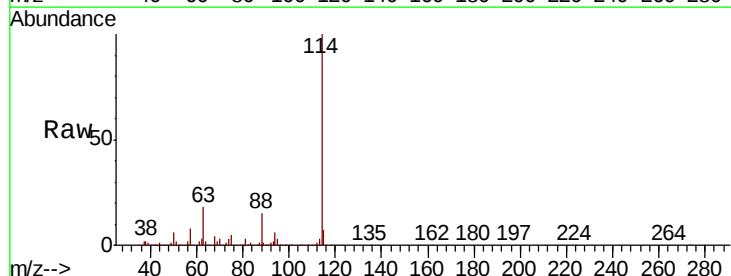
Tgt Ion: 114 Resp: 1098116

Ion Ratio Lower Upper

114 100

63 18.4 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

6.86

600000

500000

400000

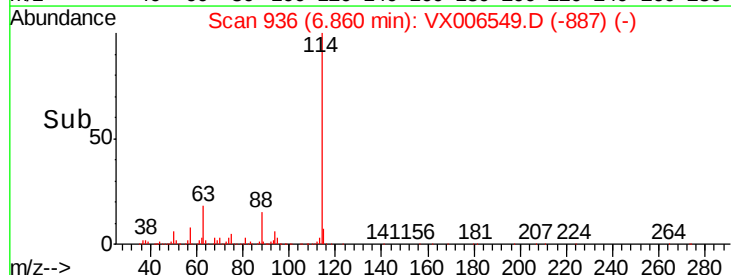
300000

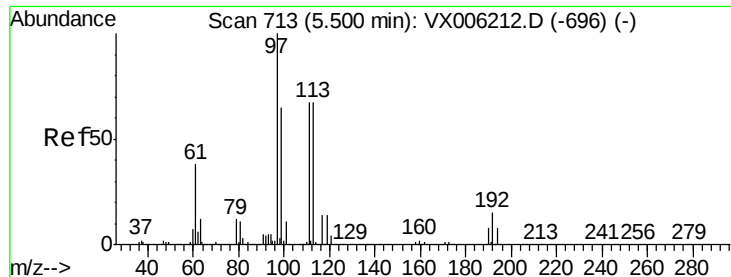
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 45.658 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006549.D

Acq: 15 Dec 2018 07:27

Instrument :

MSVOA_X

ClientSampleId :

C-MW-06-121118

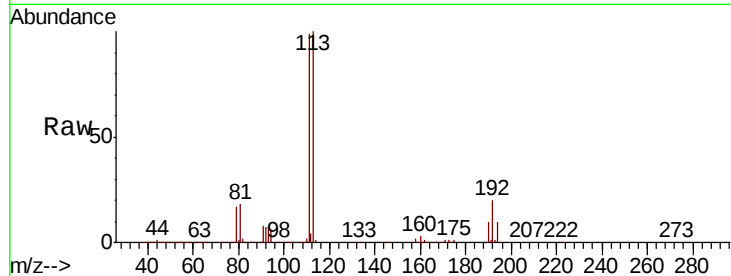
Tgt Ion:113 Resp: 324622

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

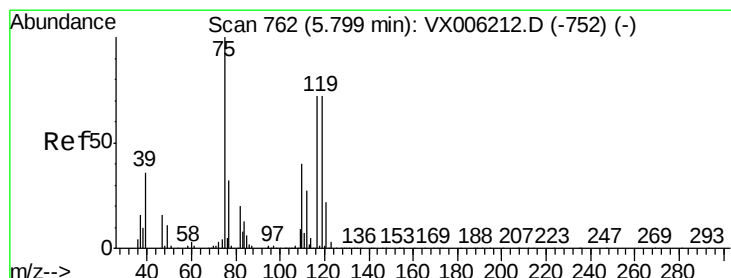
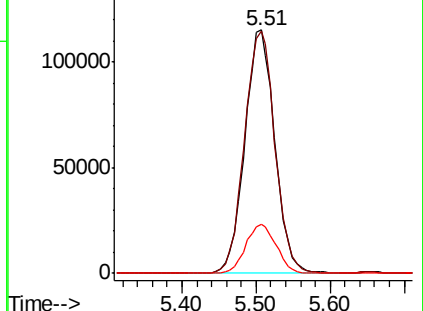
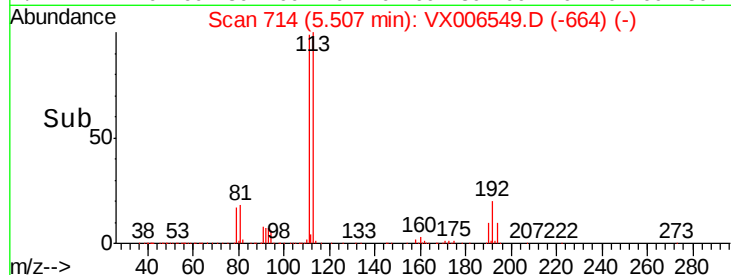
192 20.5 18.2 27.2



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: 4.727 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006549.D

Acq: 15 Dec 2018 07:27

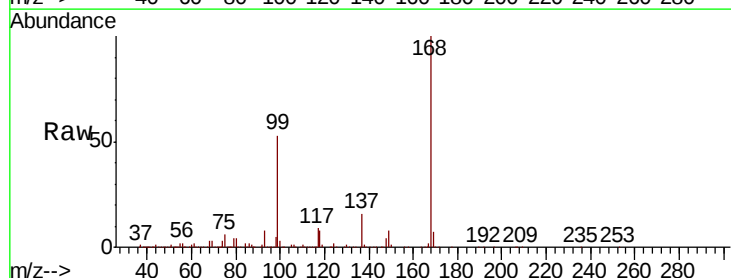
Tgt Ion: 75 Resp: 43709

Ion Ratio Lower Upper

75 100

110 12.1 20.4 61.3#

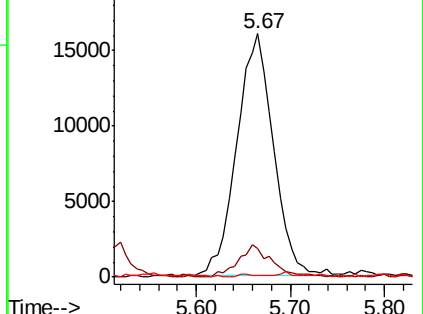
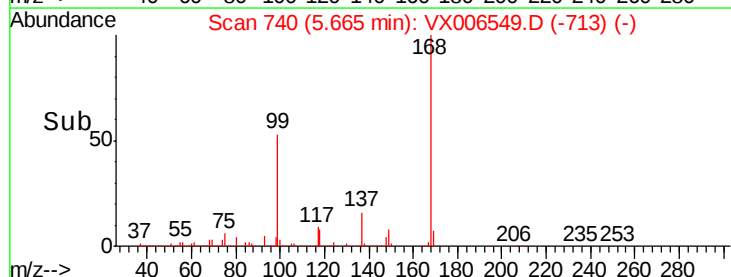
77 0.7 24.9 37.3#

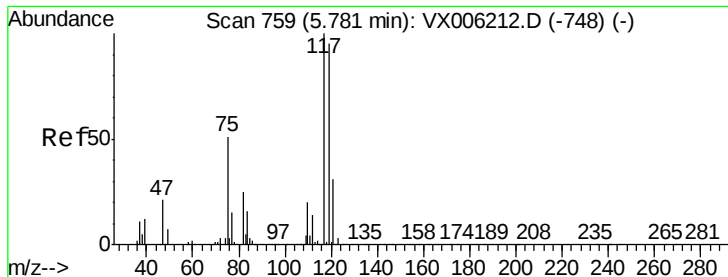


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.849 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006549.D

Acq: 15 Dec 2018 07:27

Instrument :

MSVOA_X

ClientSampleId :

C-MW-06-121118

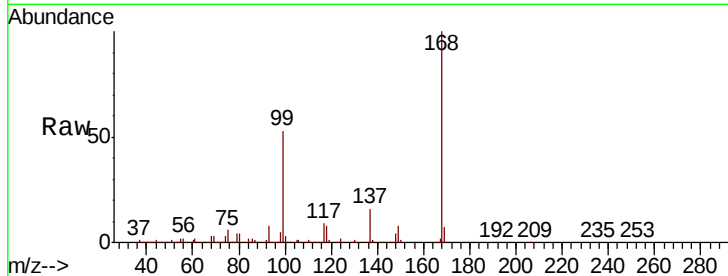
Tgt Ion: 117 Resp: 63631

Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.8#

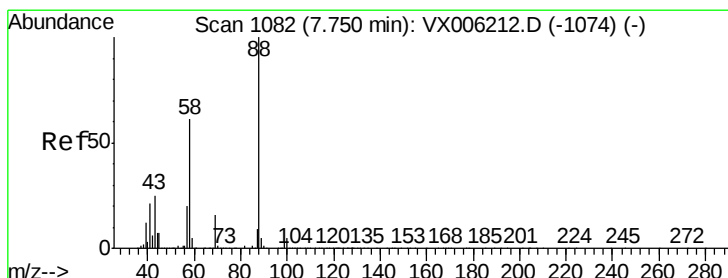
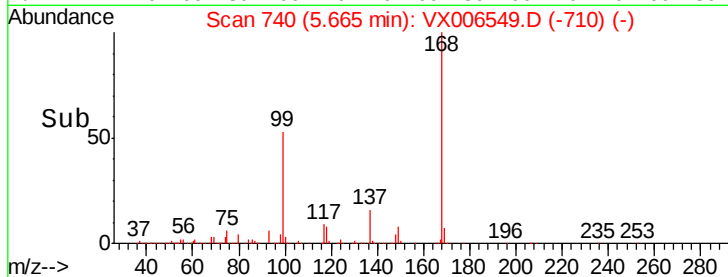
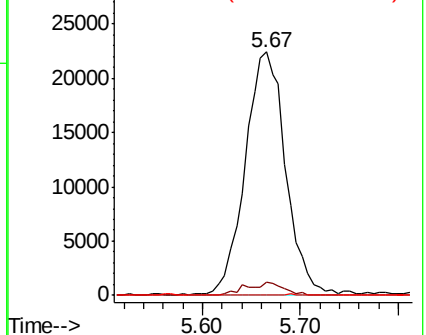
121 0.0 24.6 37.0#



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: 0.382 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.02 min

Lab File: VX006549.D

Acq: 15 Dec 2018 07:27

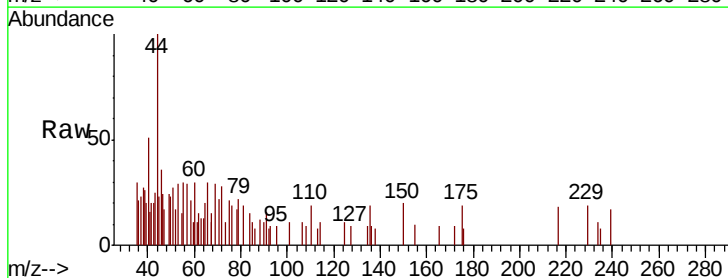
Tgt Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

43 249.4 23.2 34.8#

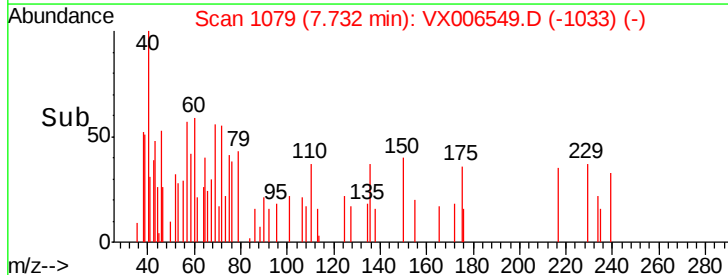
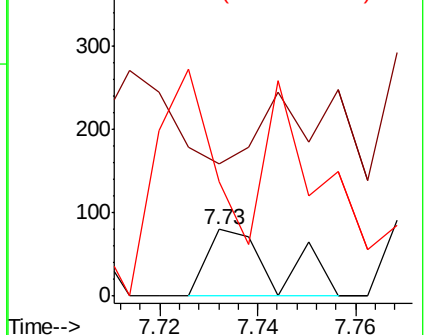
58 310.1 51.4 77.0#

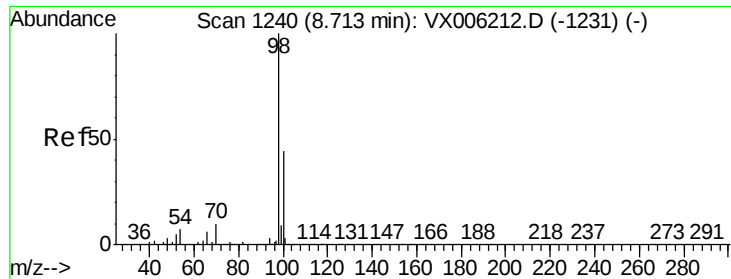


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.935 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006549.D

Acq: 15 Dec 2018 07:27

Instrument :

MSVOA_X

ClientSampleId :

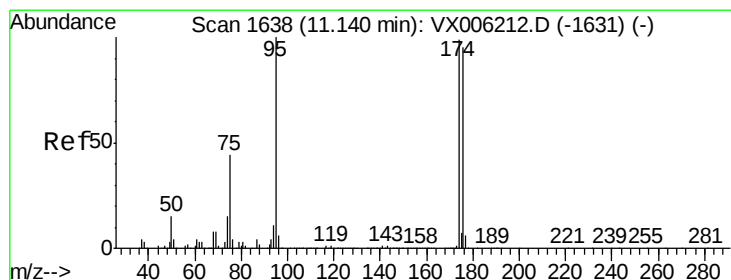
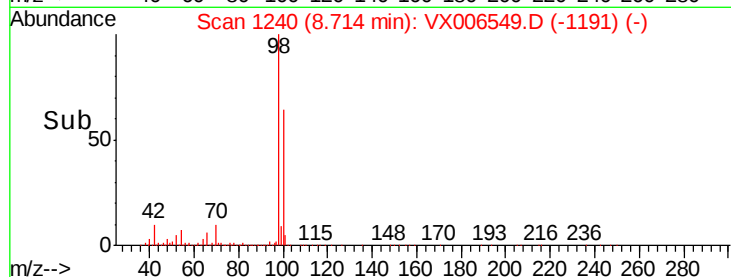
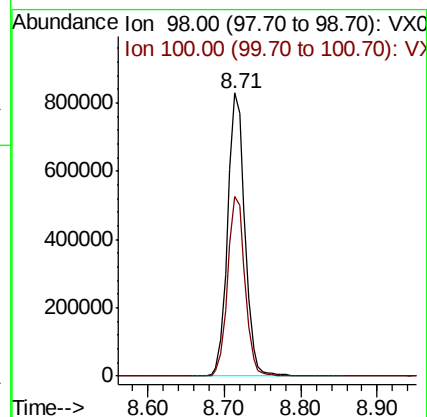
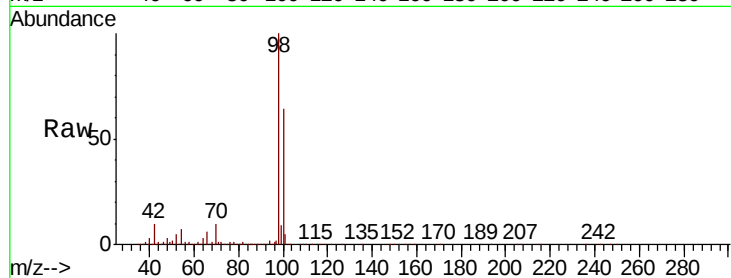
C-MW-06-121118

Tgt Ion: 98 Resp: 1291403

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.403 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006549.D

Acq: 15 Dec 2018 07:27

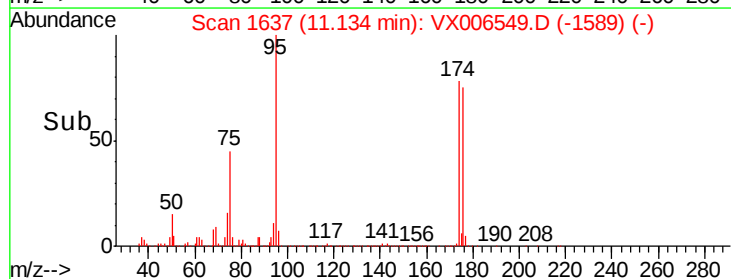
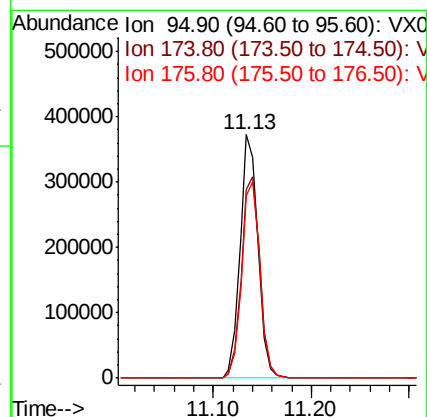
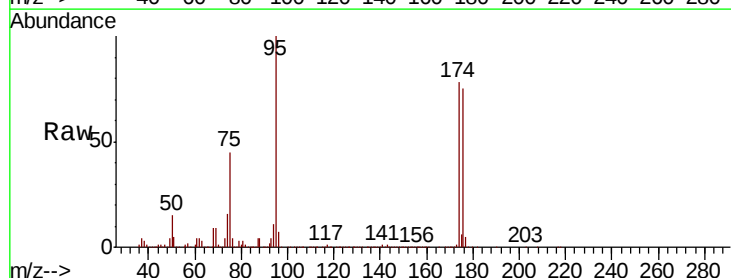
Tgt Ion: 95 Resp: 471704

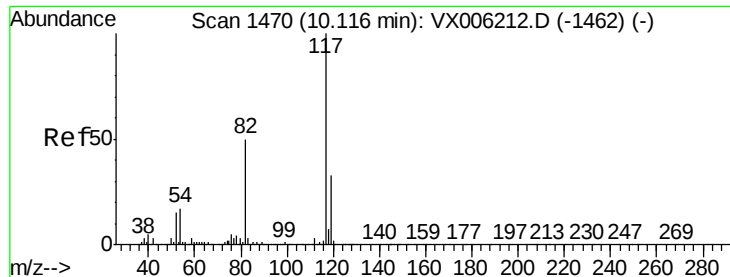
Ion Ratio Lower Upper

95 100

174 85.1 0.0 187.0

176 82.6 0.0 181.8

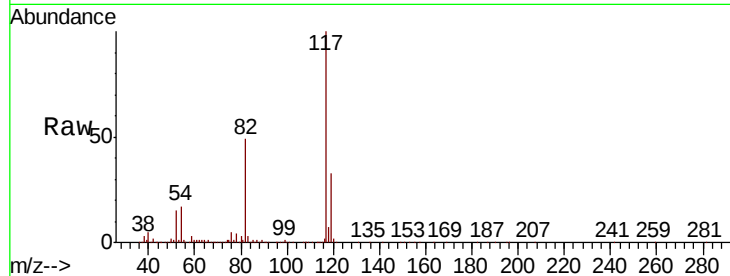




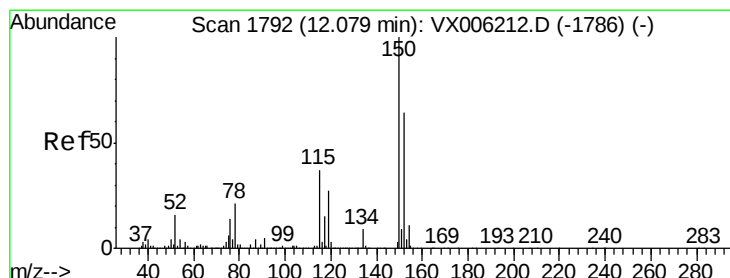
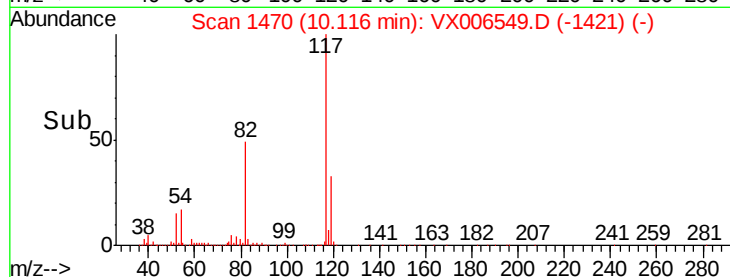
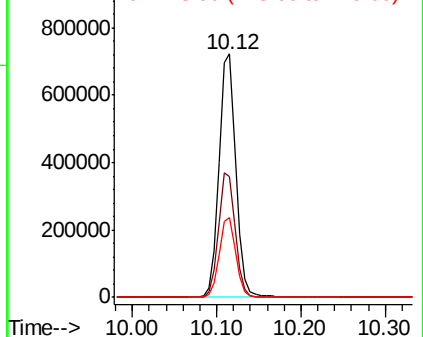
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006549.D
Acq: 15 Dec 2018 07:27

Instrument :
MSVOA_X
ClientSampleId :
C-MW-06-121118

Tgt Ion:117 Resp: 1002381
Ion Ratio Lower Upper
117 100
82 49.4 39.6 59.4
119 32.6 26.3 39.5

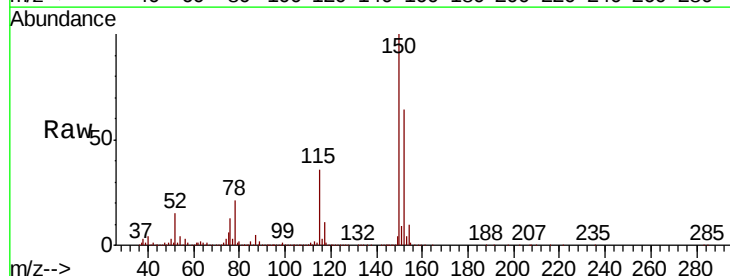


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

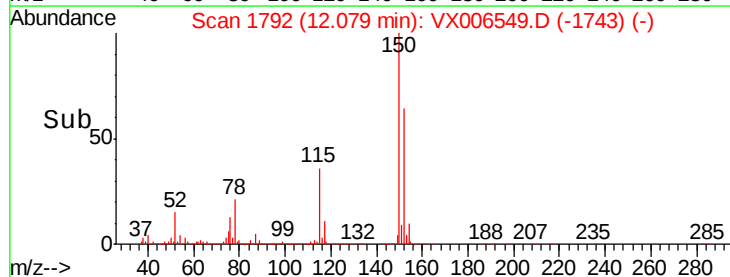
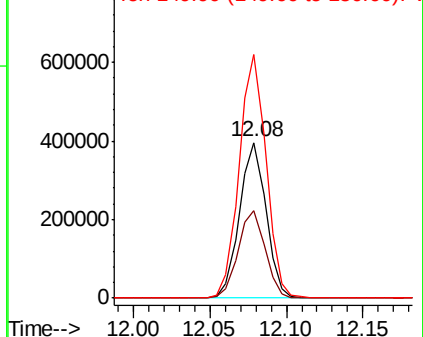


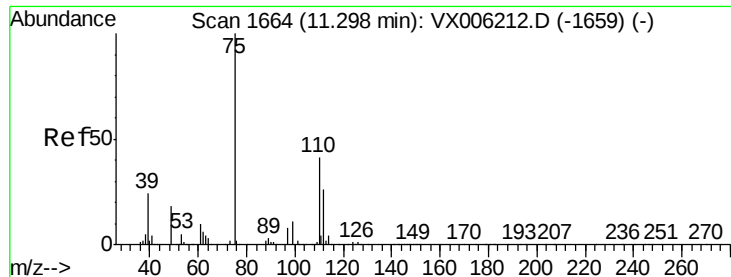
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006549.D
Acq: 15 Dec 2018 07:27

Tgt Ion:152 Resp: 477419
Ion Ratio Lower Upper
152 100
115 57.2 39.0 116.9
150 158.2 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





#76

1,2,3-Trichloropropane

Concen: 23.509 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006549.D

Acq: 15 Dec 2018 07:27

Instrument :

MSVOA_X

ClientSampleId :

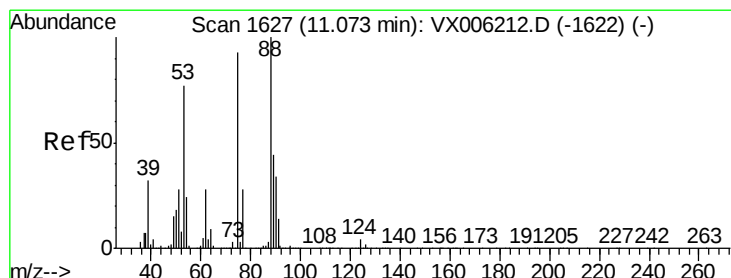
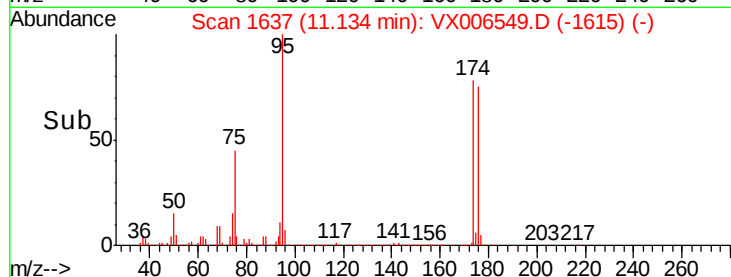
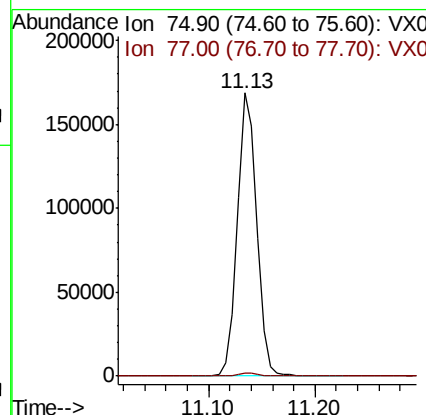
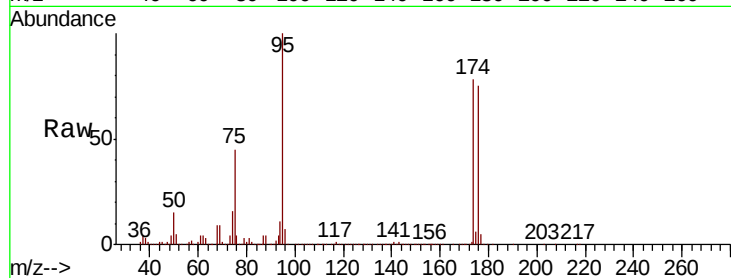
C-MW-06-121118

Tgt Ion: 75 Resp: 216637

Ion Ratio Lower Upper

75 100

77 1.1 19.9 59.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.170 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006549.D

Acq: 15 Dec 2018 07:27

Tgt Ion: 75 Resp: 216637

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 44.2 66.4#

