

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006322.D
 Acq On : 06 Dec 2018 16:58
 Operator : JC/MD
 Sample : J6250-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:31:20 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

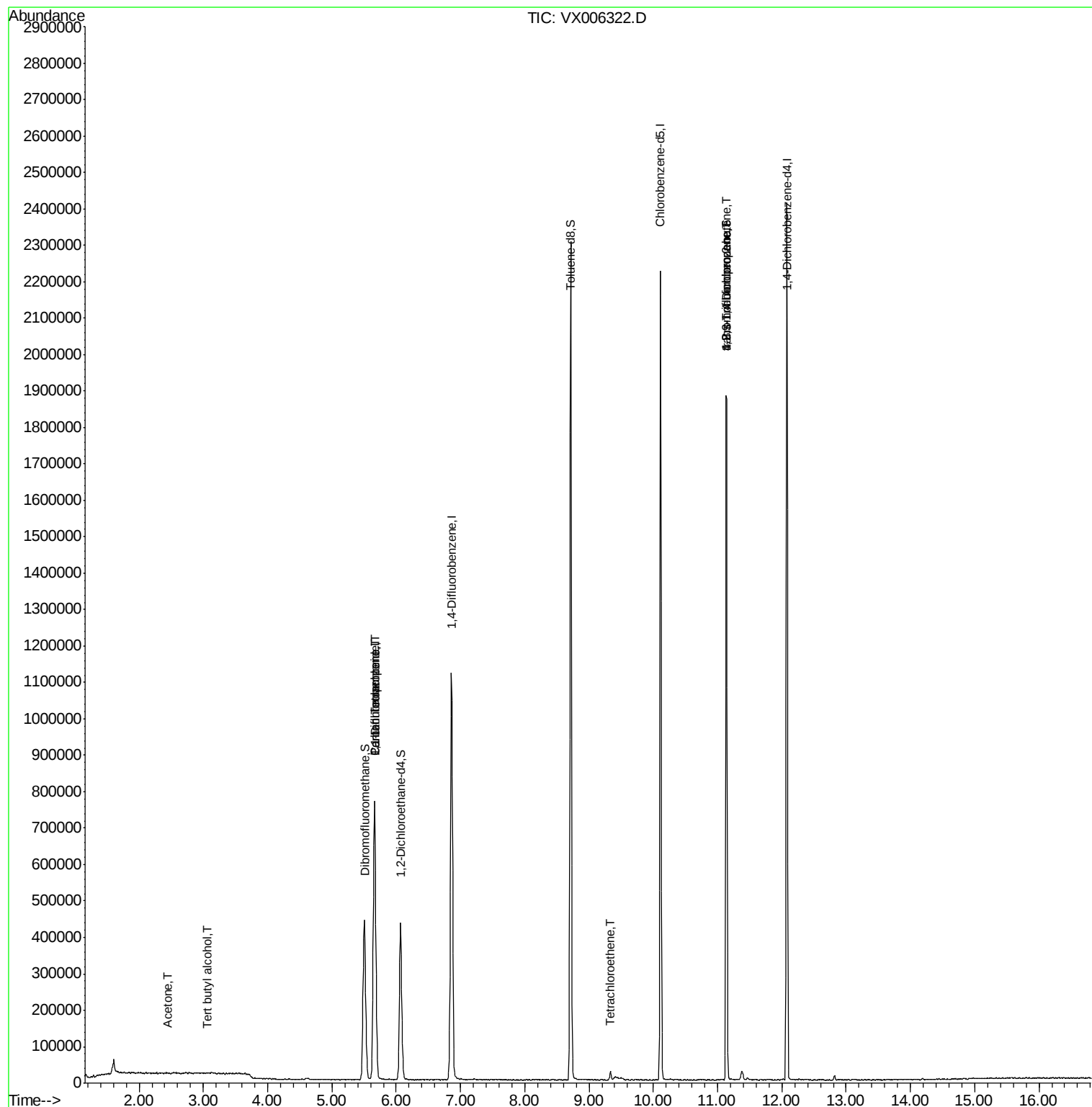
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	794037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1210825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1107875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	526525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	401581	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
35) Dibromofluoromethane	5.51	113	376585	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
50) Toluene-d8	8.71	98	1405502	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	522996	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.06	59	2687	1.212	ug/l	100
16) Acetone	2.45	43	1595	0.419	ug/l #	50
36) 1,1-Dichloropropene	5.67	75	49166	4.822	ug/l #	48
38) Carbon Tetrachloride	5.67	117	73047	6.090	ug/l #	16
64) Tetrachloroethene	9.34	164	2867	0.344	ug/l #	73
76) 1,2,3-Trichloropropane	11.13	75	239905	23.606	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	239905	55.397	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: VX006322.D

Acq: 06 Dec 2018 16:58

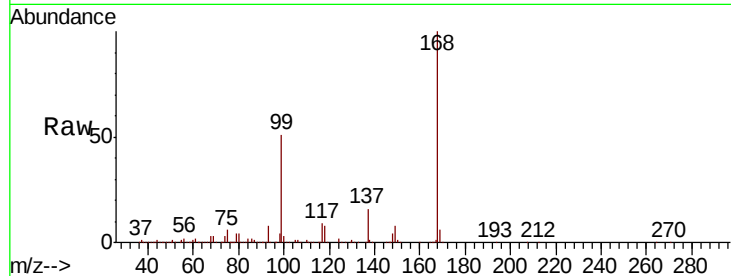
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 794037

Ion Ratio Lower Upper

168 100

99 51.3 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

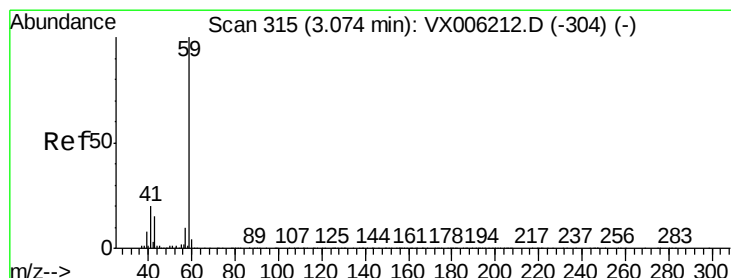
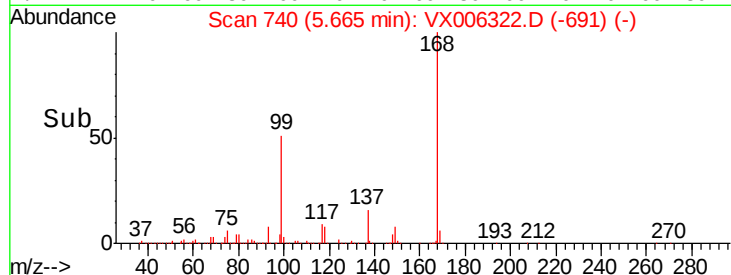
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 1.212 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX006322.D

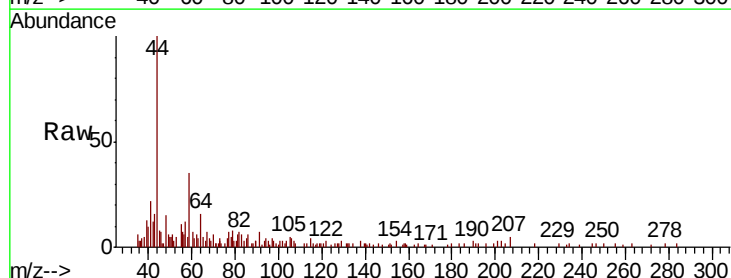
Acq: 06 Dec 2018 16:58

Tgt Ion: 59 Resp: 2687

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

1500

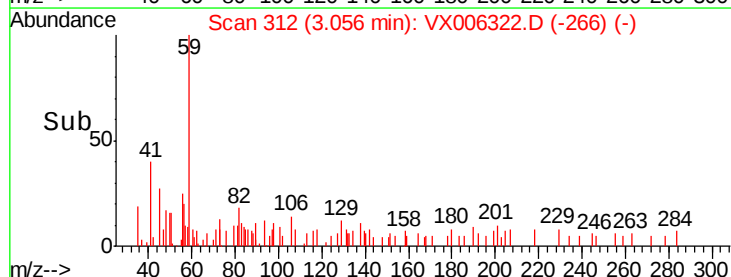
1000

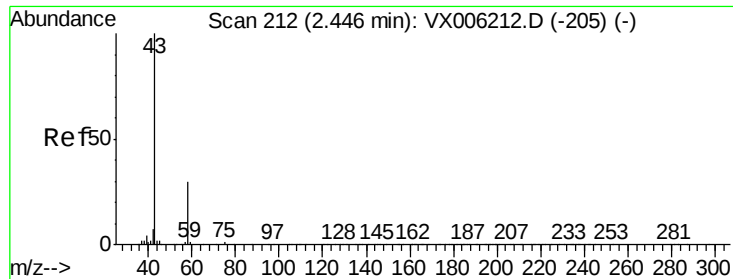
500

0

Time-->

3.00 3.05 3.10

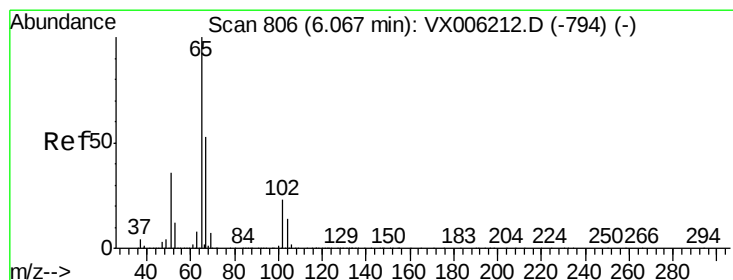
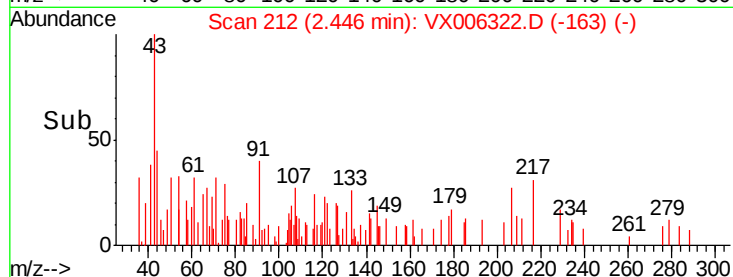
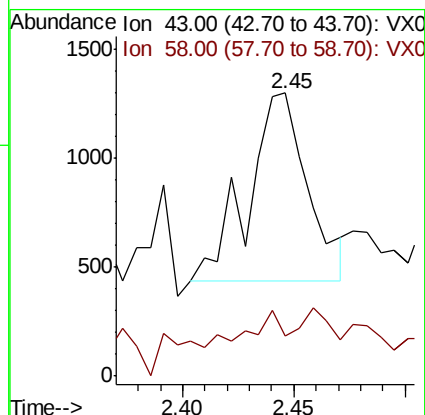
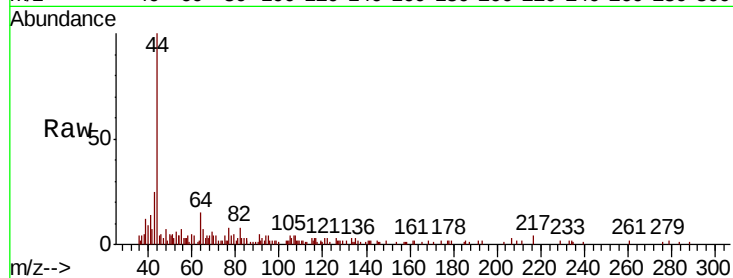




#16
Acetone
Concen: 0.419 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006322.D
Acq: 06 Dec 2018 16:58

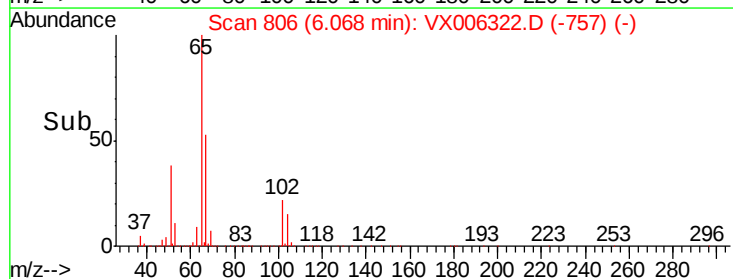
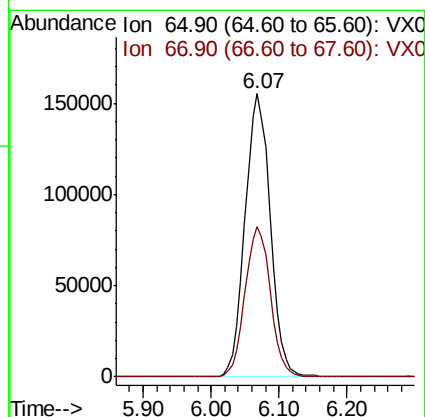
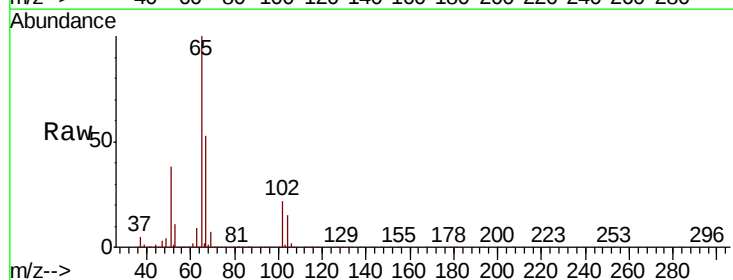
Instrument :
MSVOA_X
ClientSampled :

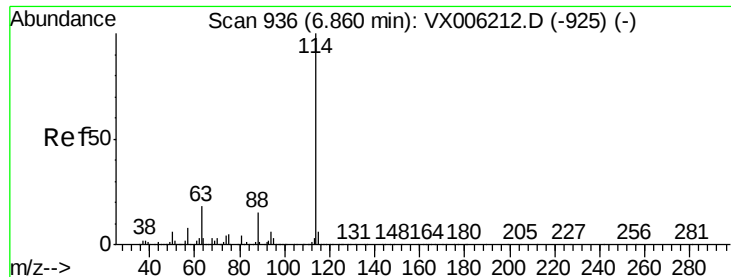
Tot Ion: 43 Resp: 1595
Ion Ratio Lower Upper
43 100
58 2.7 24.0 36.0#



#33
1,2-Dichloroethane-d4
Concen: 49.542 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006322.D
Acq: 06 Dec 2018 16:58

Tgt Ion: 65 Resp: 401581
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: VX006322.D

Acq: 06 Dec 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

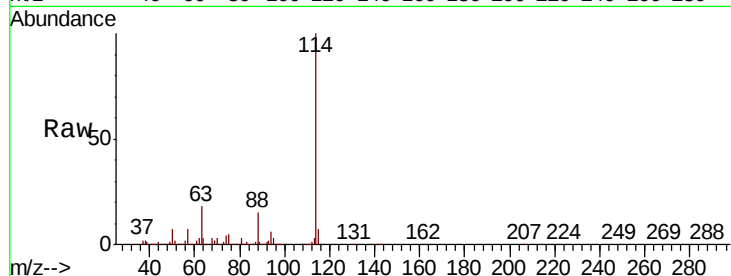
Tot Ion:114 Resp: 1210825

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

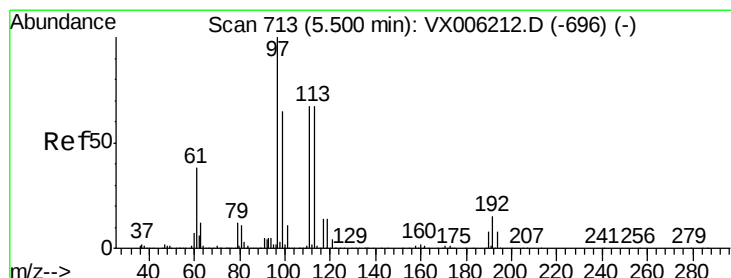
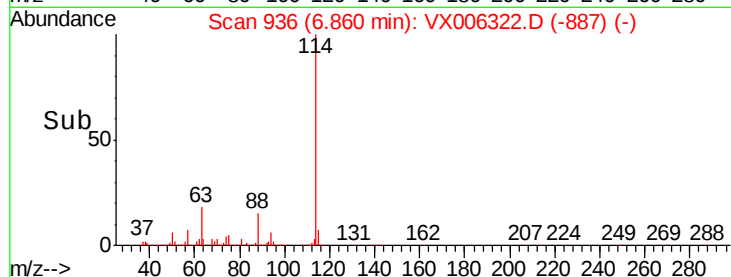
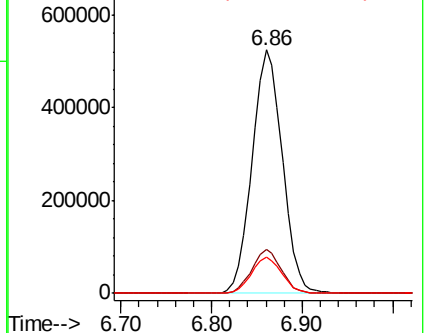
88 14.9 0.0 29.0



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: 48.036 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006322.D

Acq: 06 Dec 2018 16:58

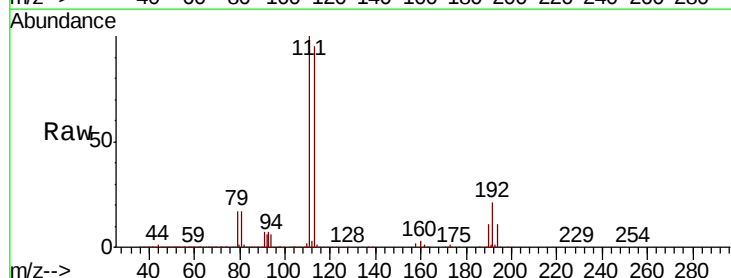
Tgt Ion:113 Resp: 376585

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

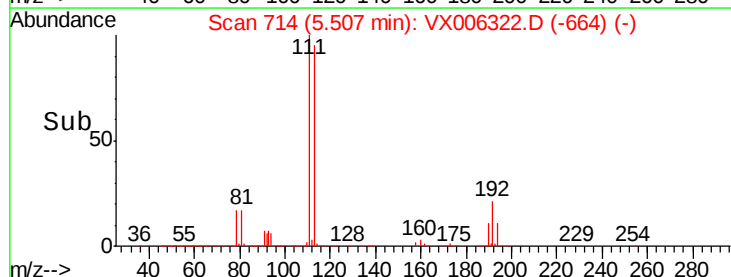
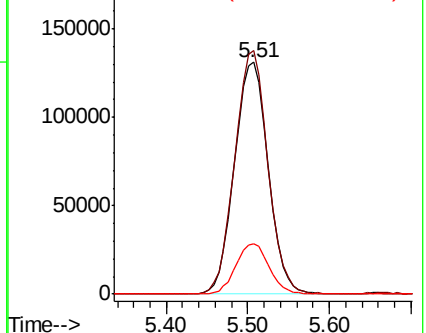
192 21.4 18.2 27.2

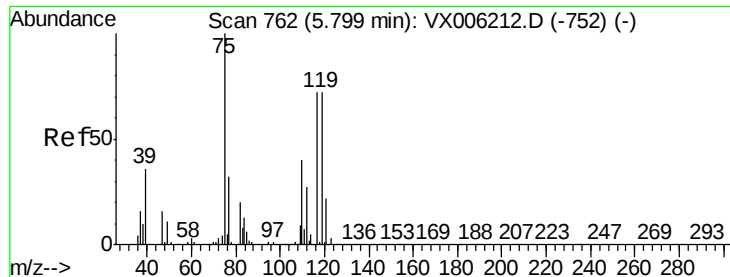


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.822 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006322.D

Acq: 06 Dec 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

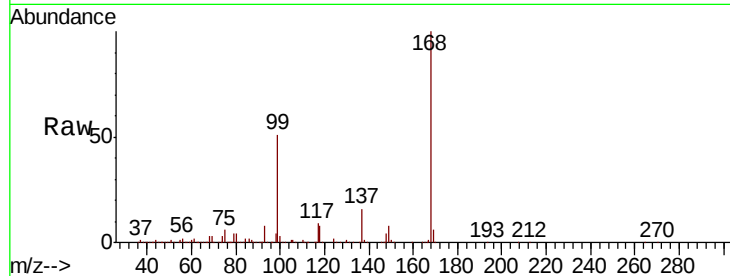
Tot Ion: 75 Resp: 49166

Ion Ratio Lower Upper

75 100

110 10.8 20.4 61.3#

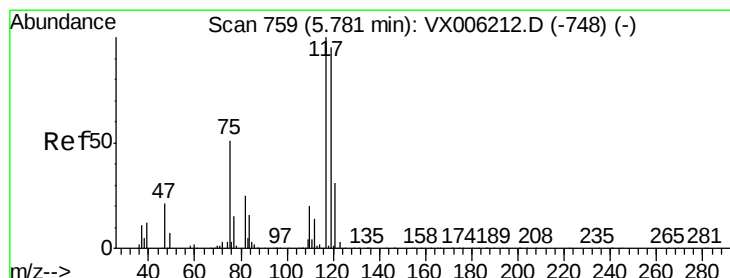
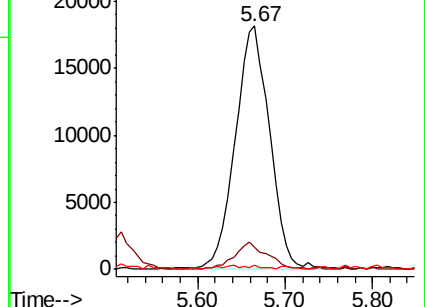
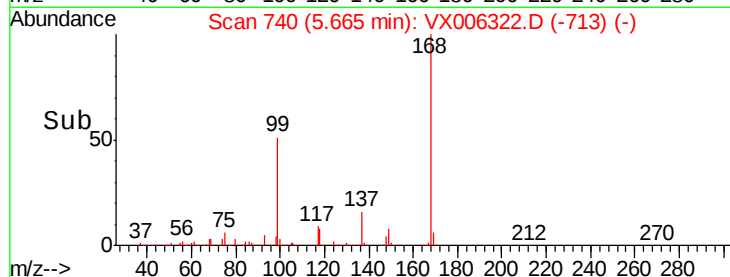
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX006322.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX006322.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX006322.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 6.090 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006322.D

Acq: 06 Dec 2018 16:58

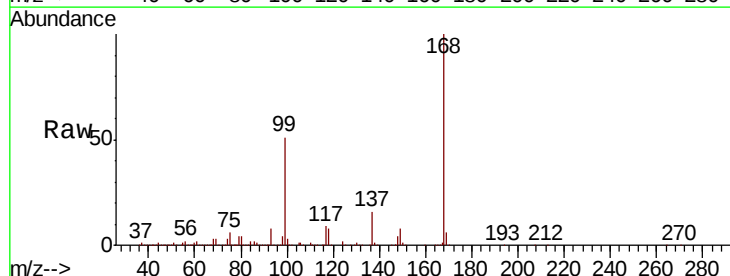
Tgt Ion: 117 Resp: 73047

Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

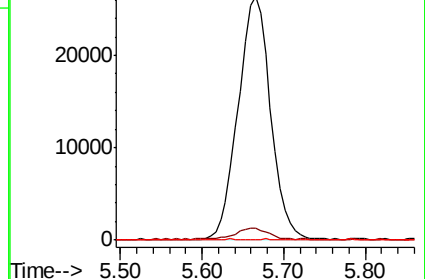
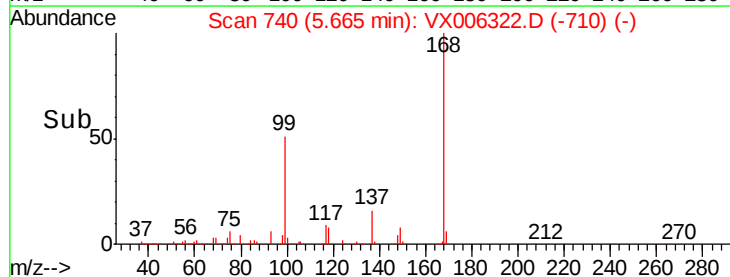
121 0.0 24.6 37.0#

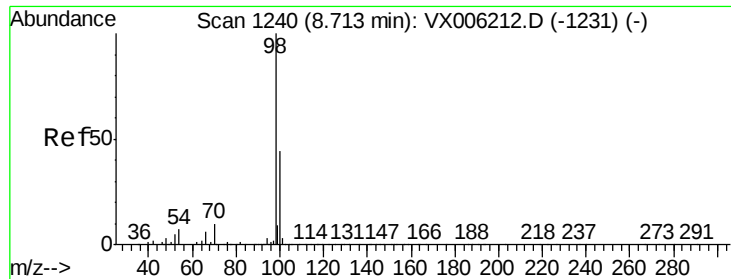


Abundance Ion 116.80 (116.50 to 117.50): VX006322.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX006322.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX006322.D (-710) (-)





#50

Toluene-d8

Concen: 49.288 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006322.D

Acq: 06 Dec 2018 16:58

Instrument :

MSVOA_X

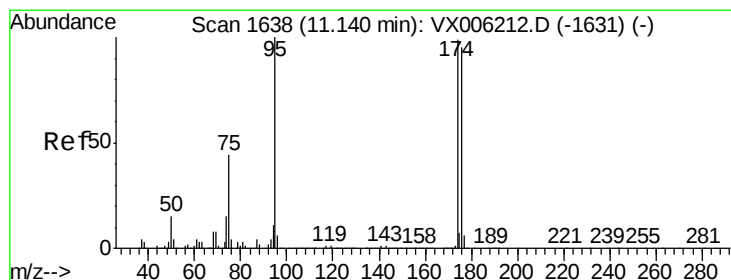
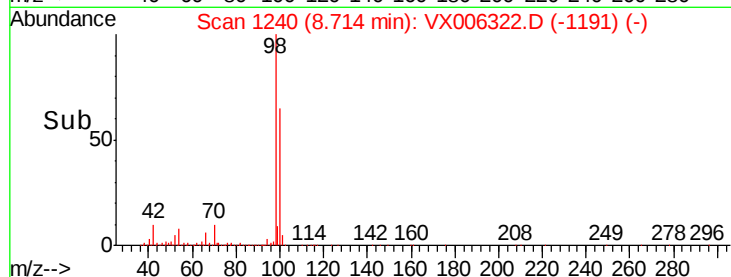
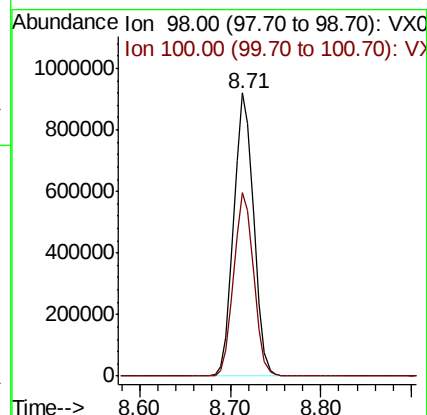
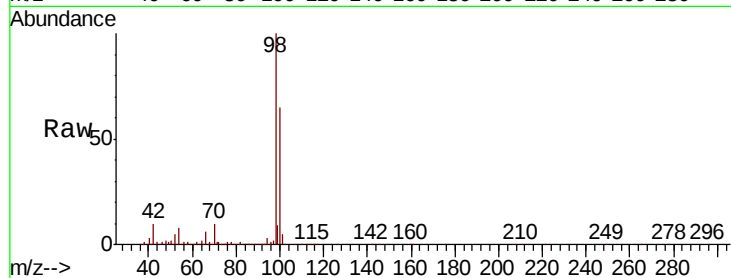
ClientSampled :

Tot Ion: 98 Resp: 1405502

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.671 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006322.D

Acq: 06 Dec 2018 16:58

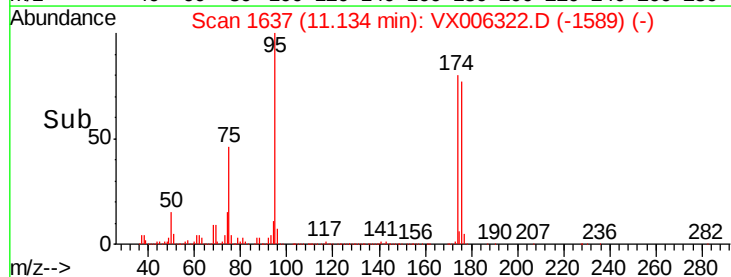
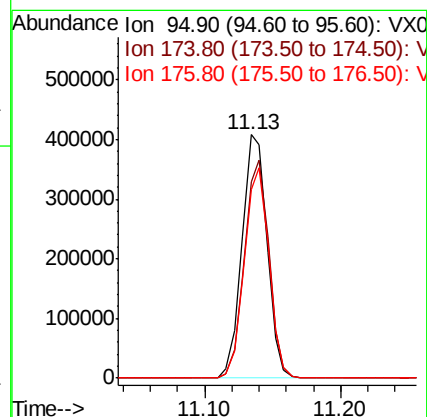
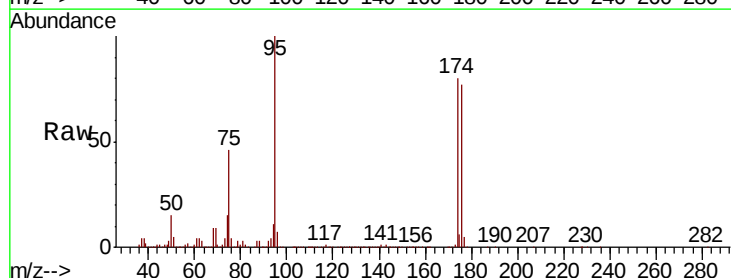
Tgt Ion: 95 Resp: 522996

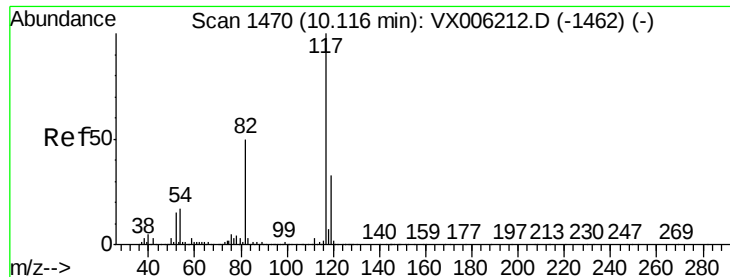
Ion Ratio Lower Upper

95 100

174 88.1 0.0 187.0

176 85.3 0.0 181.8

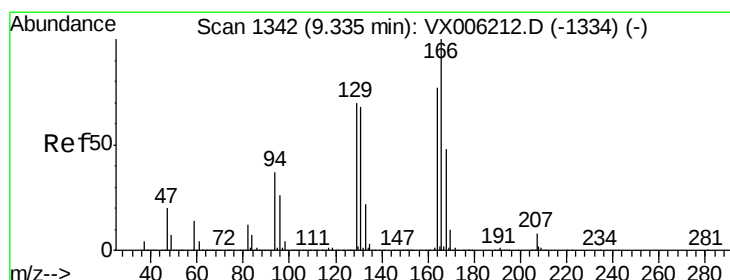
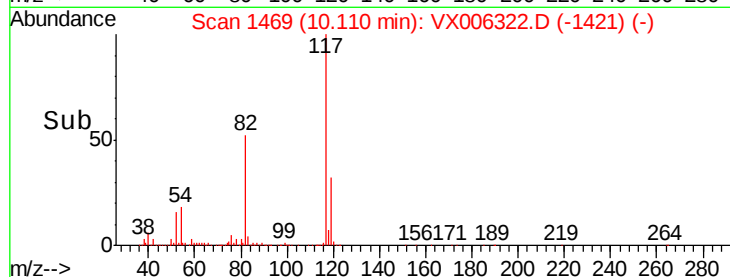
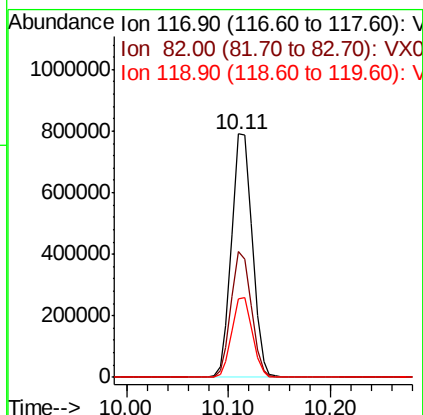
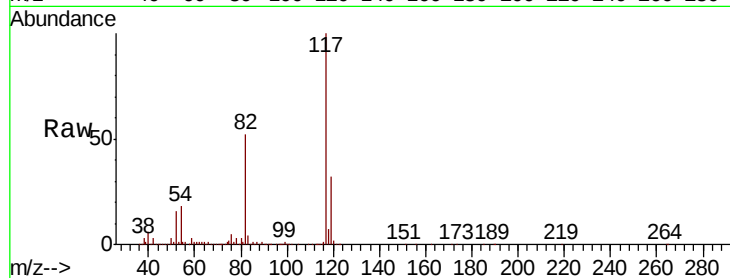




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006322.D
Acq: 06 Dec 2018 16:58

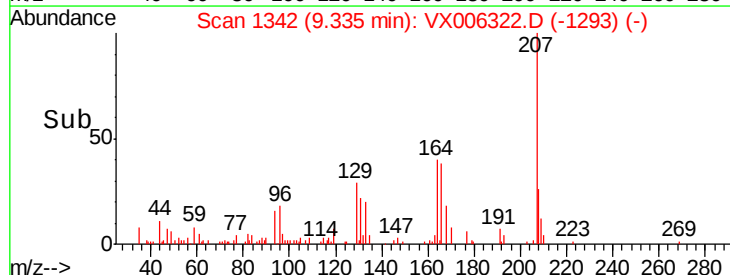
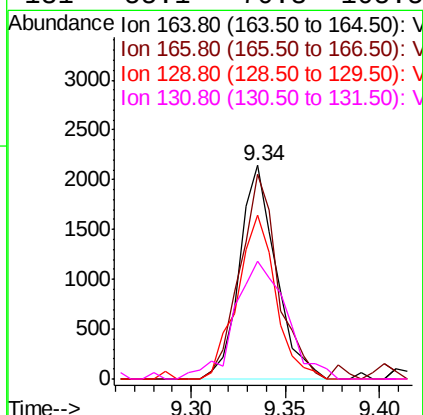
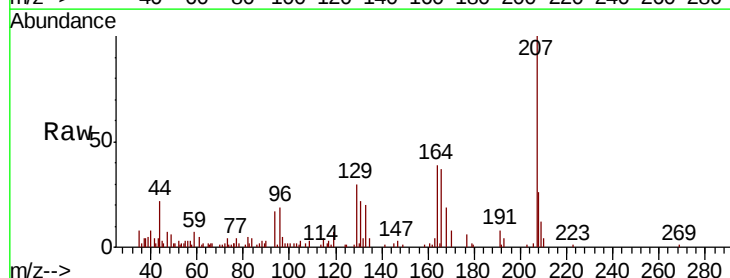
Instrument :
MSVOA_X
ClientSampleId :

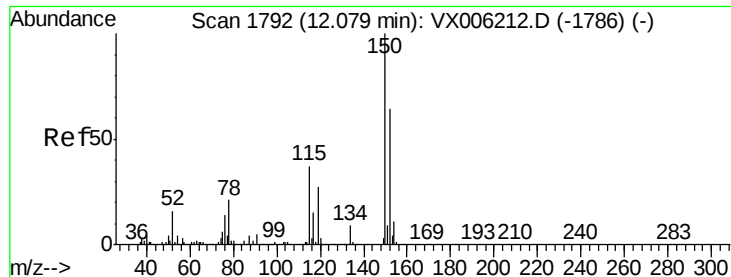
Tot Ion:117 Resp: 1107875
Ion Ratio Lower Upper
117 100
82 51.6 39.6 59.4
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 0.344 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006322.D
Acq: 06 Dec 2018 16:58

Tgt Ion:164 Resp: 2867
Ion Ratio Lower Upper
164 100
166 95.8 104.2 156.2#
129 77.0 72.6 108.8
131 55.1 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: VX006322.D

Acq: 06 Dec 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

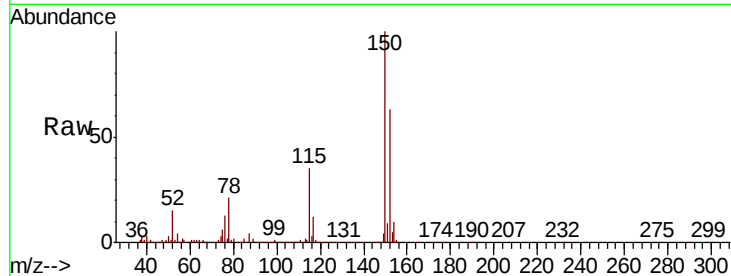
Tot Ion:152 Resp: 526525

Ion Ratio Lower Upper

152 100

115 56.4 39.0 116.9

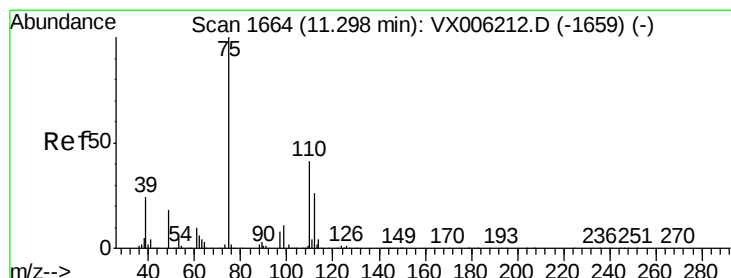
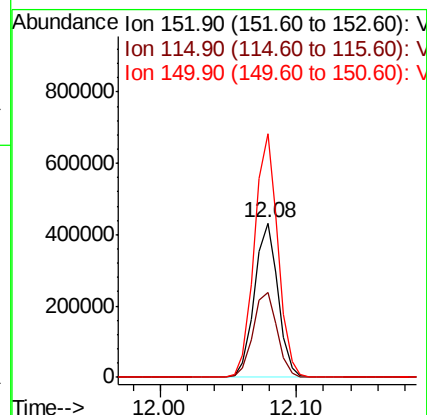
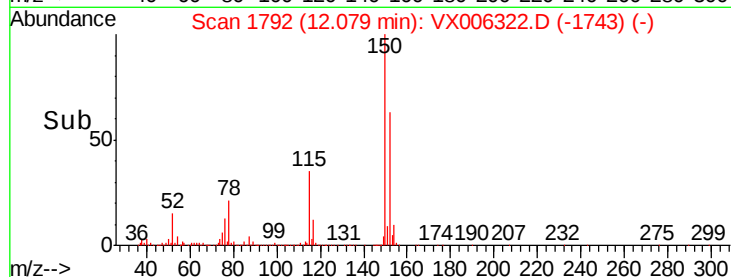
150 157.5 0.0 345.8



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: 23.606 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006322.D

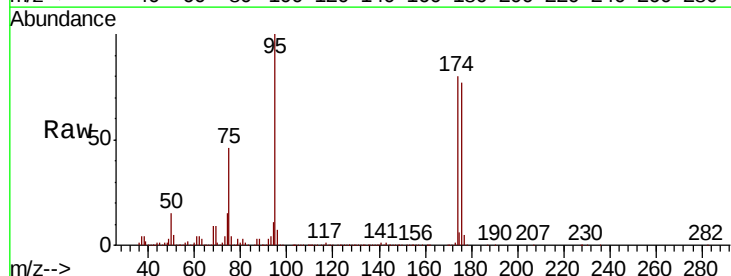
Acq: 06 Dec 2018 16:58

Tgt Ion: 75 Resp: 239905

Ion Ratio Lower Upper

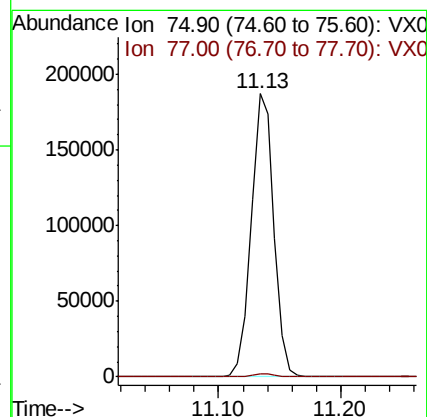
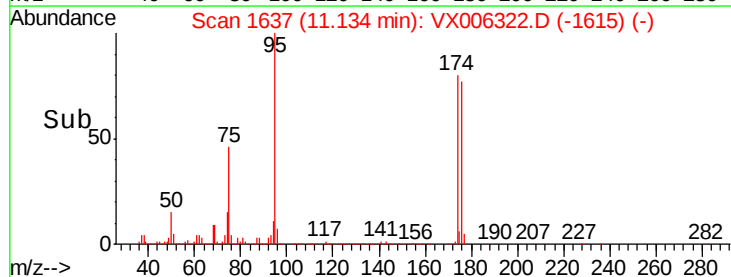
75 100

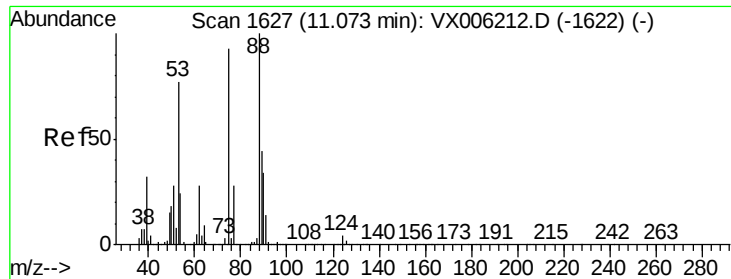
77 1.2 19.9 59.7#



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: 55.397 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006322.D
 Acq: 06 Dec 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 239905
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.4 96.6#
 89 0.1 44.2 66.4#

