

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006462.D
 Acq On : 12 Dec 2018 23:45
 Operator : JC/MD
 Sample : VX1212WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBL02

Quant Time: Dec 13 06:55:52 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

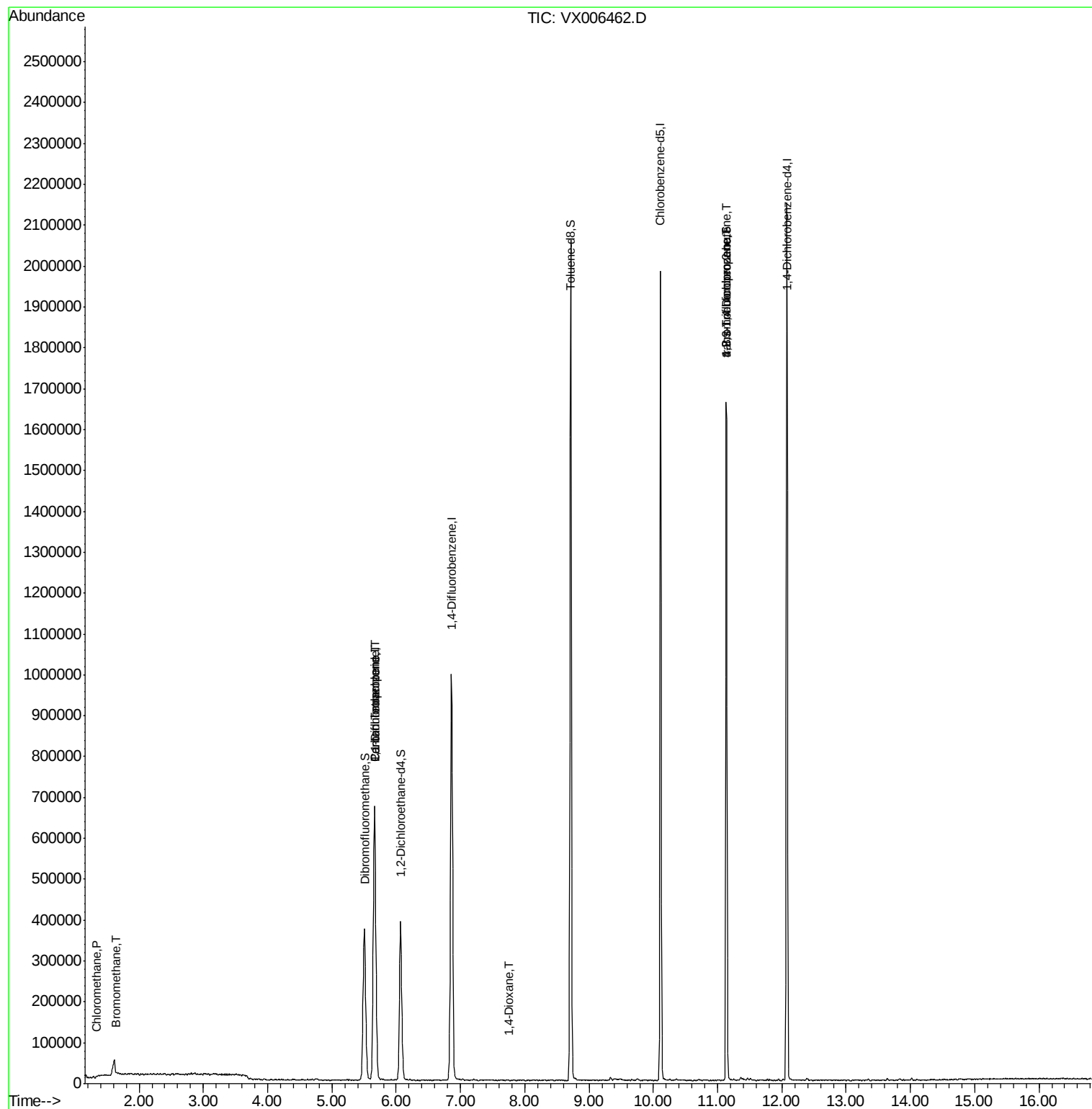
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	683781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1067382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	975956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	467612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	356829	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	5.50	113	318500	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	8.71	98	1244519	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	462165	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1514	0.220	ug/l #	66
5) Bromomethane	1.65	94	1182	0.230	ug/l	86
36) 1,1-Dichloropropene	5.67	75	44139	4.911	ug/l #	48
38) Carbon Tetrachloride	5.66	117	64614	6.111	ug/l #	17
49) 1,4-Dioxane	7.76	88	133	0.661	ug/l #	42
76) 1,2,3-Trichloropropane	11.13	75	212349	23.527	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	212349	55.212	ug/l #	15

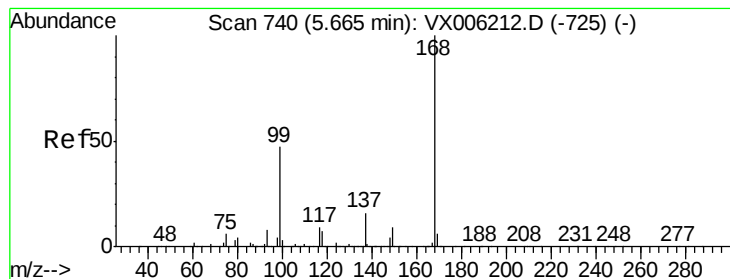
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
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ClientSampleID :
VX1212WBL02

Quant Time: Dec 13 06:55:52 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: VX006462.D

Acq: 12 Dec 2018 23:45

Instrument :

MSVOA_X

ClientSampleId :

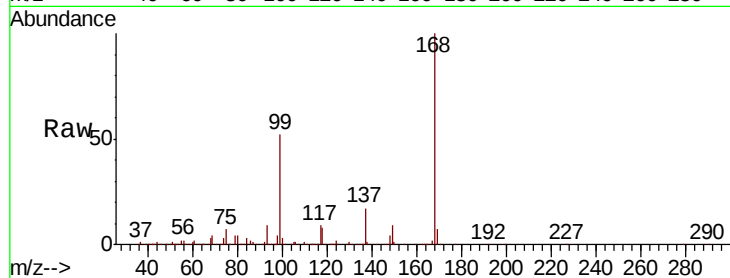
VX1212WBL02

Tot Ion:168 Resp: 683781

Ion Ratio Lower Upper

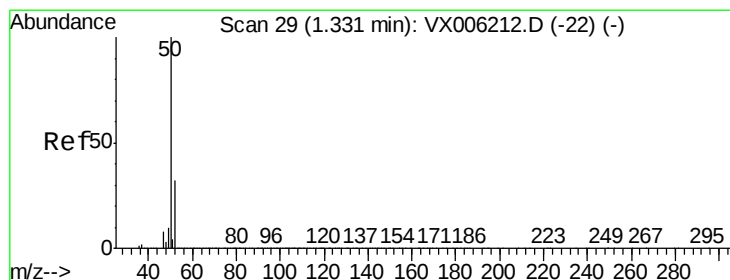
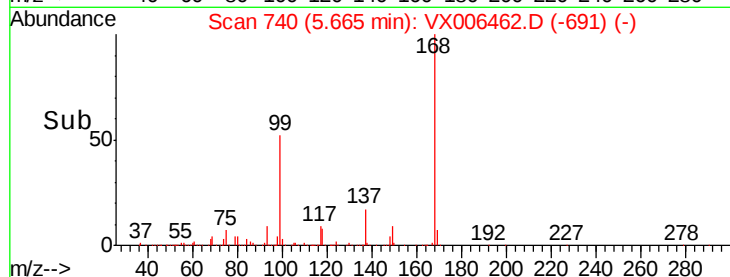
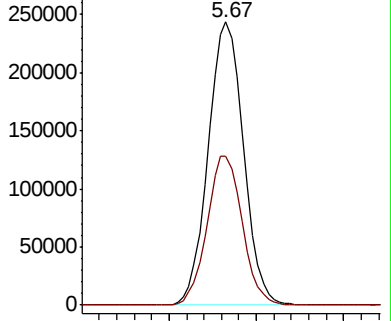
168 100

99 52.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.220 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006462.D

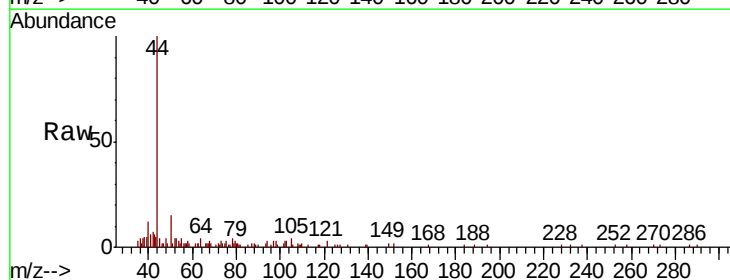
Acq: 12 Dec 2018 23:45

Tgt Ion: 50 Resp: 1514

Ion Ratio Lower Upper

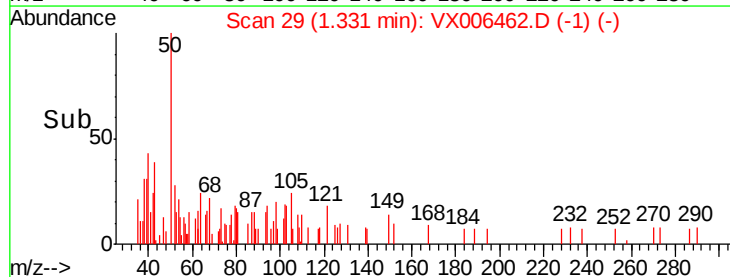
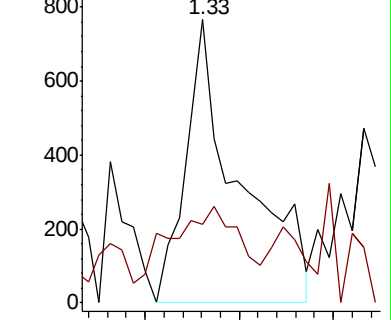
50 100

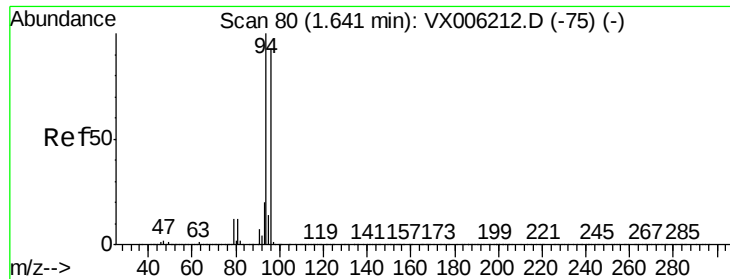
52 12.8 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.230 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006462.D

Acq: 12 Dec 2018 23:45

Instrument :

MSVOA_X

ClientSampled :

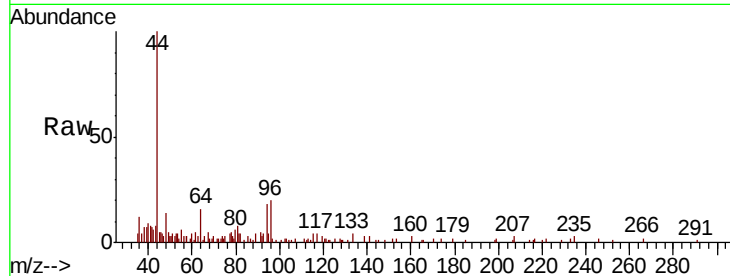
VX1212WBL02

Tot Ion: 94 Resp: 1182

Ion Ratio Lower Upper

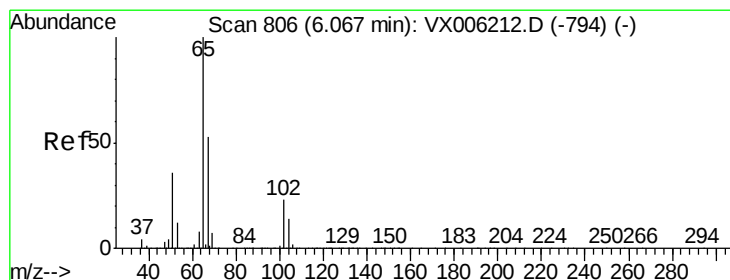
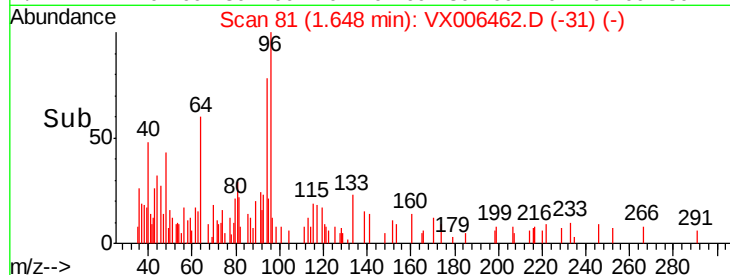
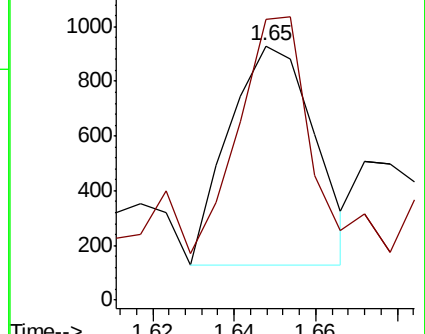
94 100

96 106.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.119 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006462.D

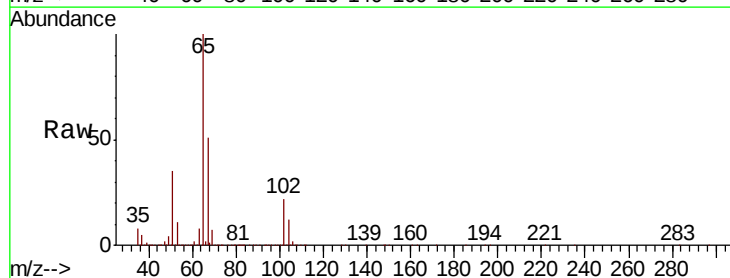
Acq: 12 Dec 2018 23:45

Tgt Ion: 65 Resp: 356829

Ion Ratio Lower Upper

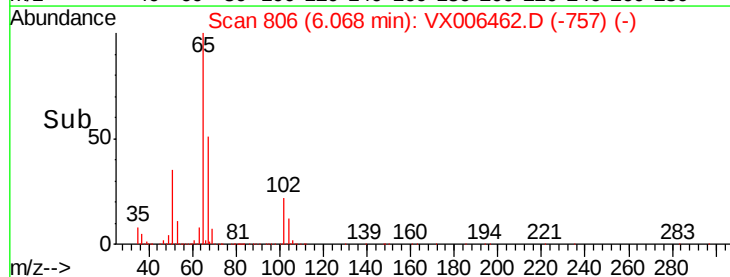
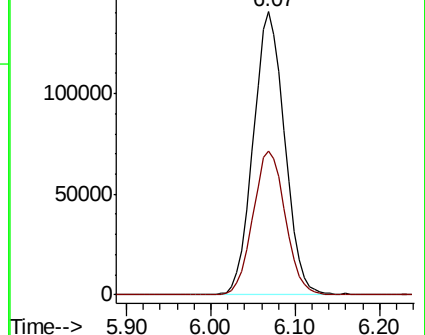
65 100

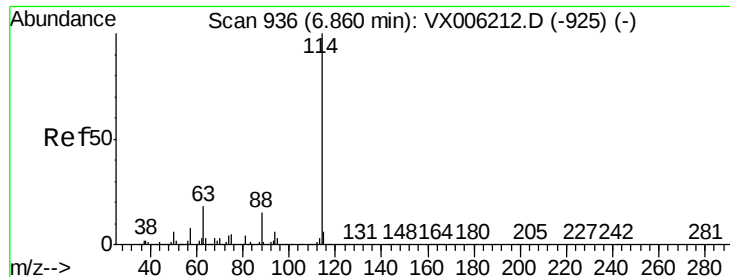
67 52.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006462.D

Acq: 12 Dec 2018 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL02

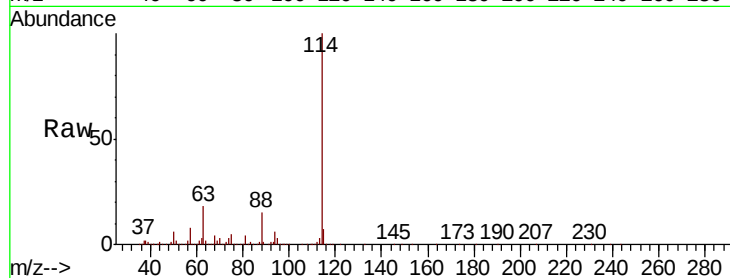
Tot Ion:114 Resp: 1067382

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.6

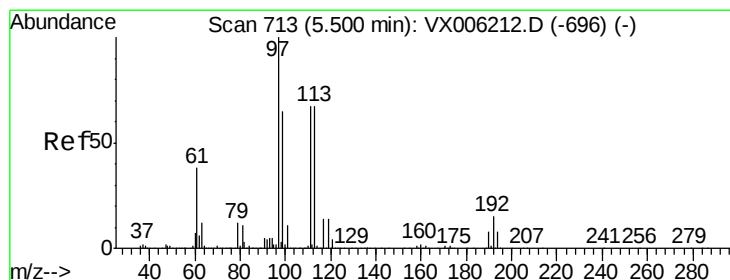
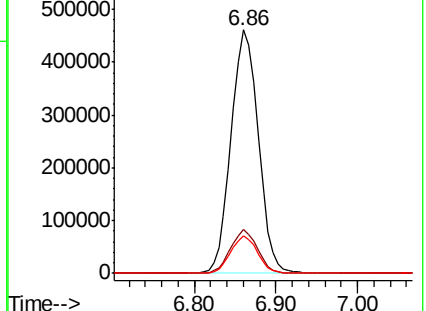
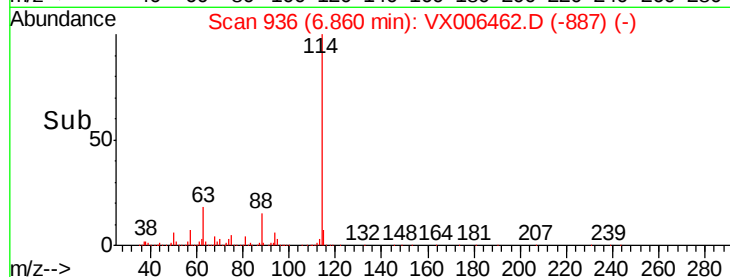
88 15.4 0.0 29.0



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: 46.087 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006462.D

Acq: 12 Dec 2018 23:45

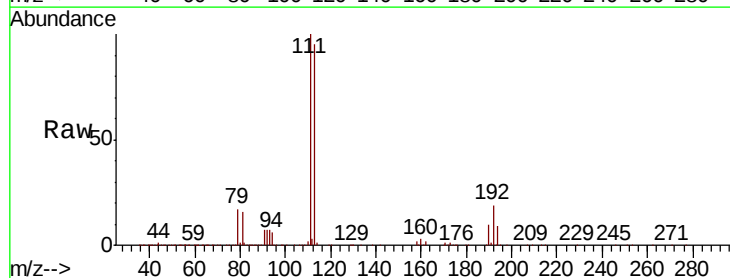
Tgt Ion:113 Resp: 318500

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

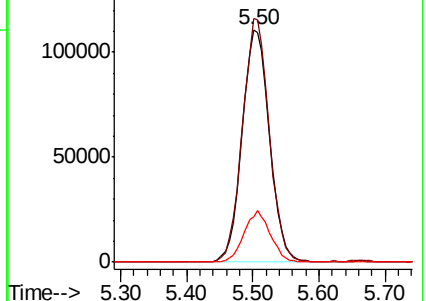
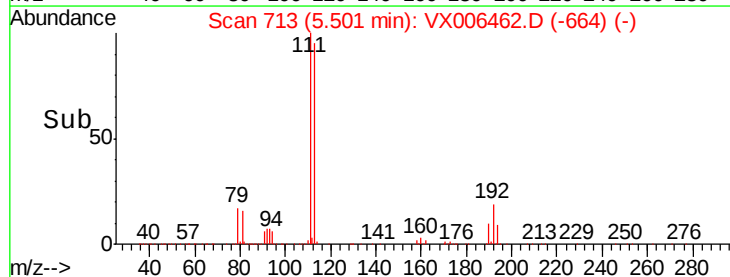
192 21.3 18.2 27.2

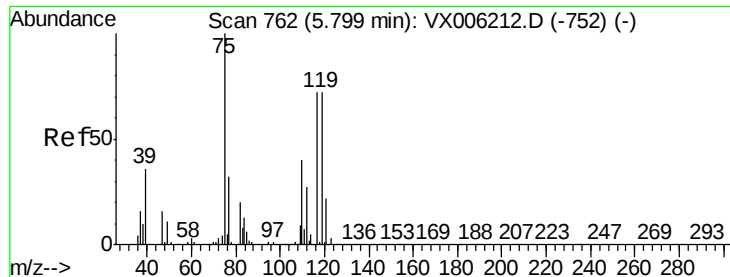


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.911 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006462.D

Acq: 12 Dec 2018 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL02

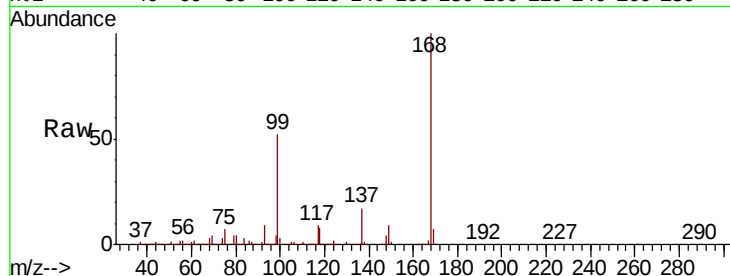
Tot Ion: 75 Resp: 44139

Ion Ratio Lower Upper

75 100

110 10.9 20.4 61.3#

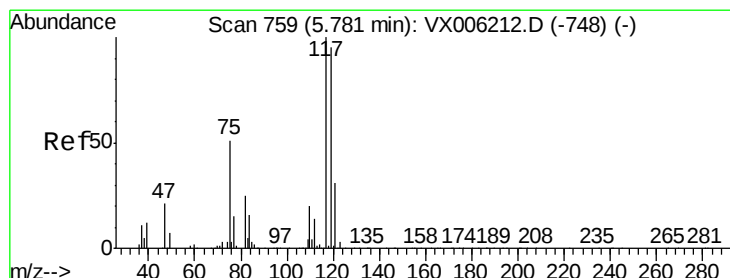
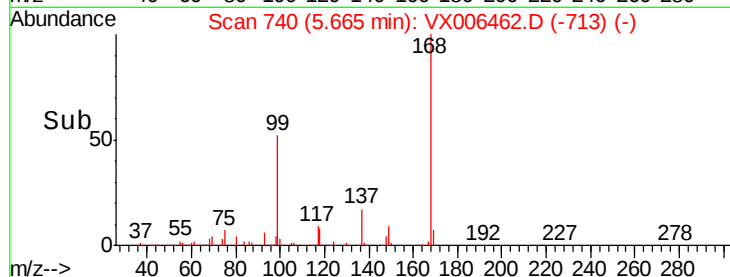
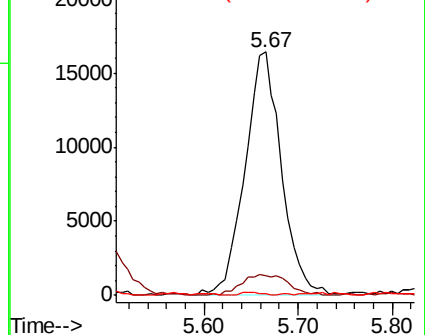
77 0.0 24.9 37.3#



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: 6.111 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006462.D

Acq: 12 Dec 2018 23:45

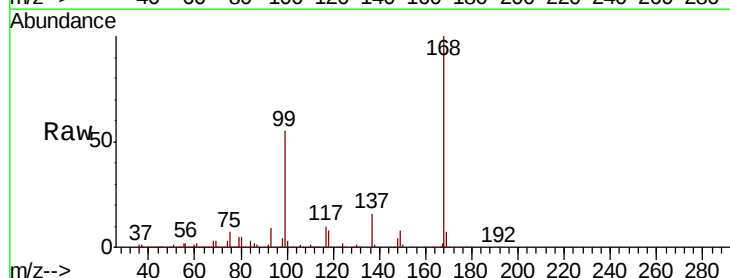
Tgt Ion:117 Resp: 64614

Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.8#

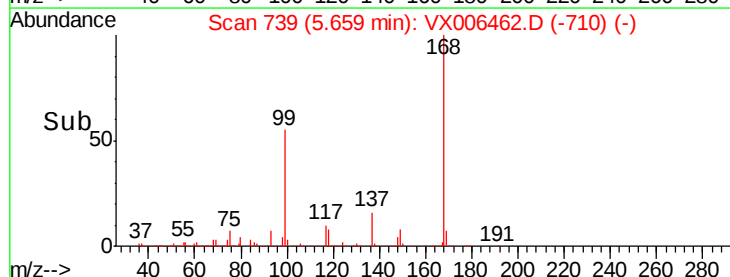
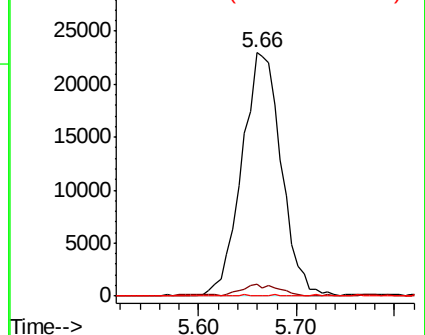
121 0.3 24.6 37.0#

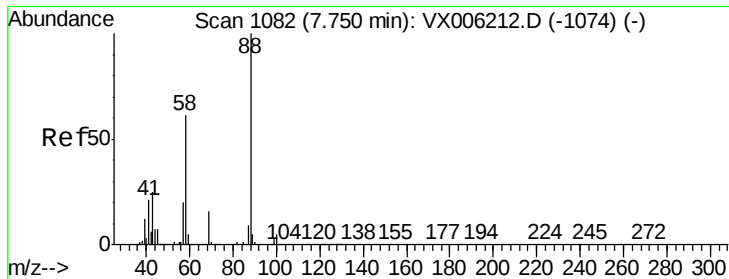


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 0.661 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006462.D

Acq: 12 Dec 2018 23:45

Instrument :

MSVOA_X

ClientSampled :

VX1212WBL02

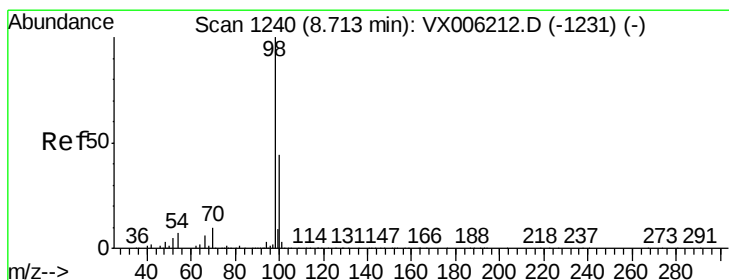
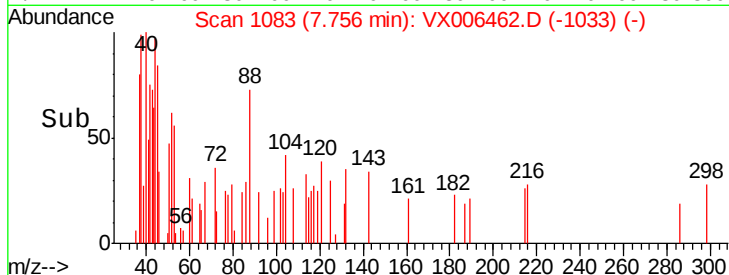
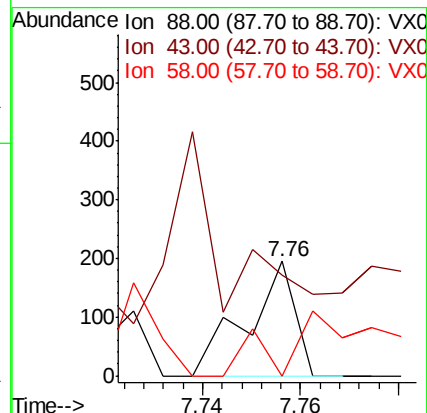
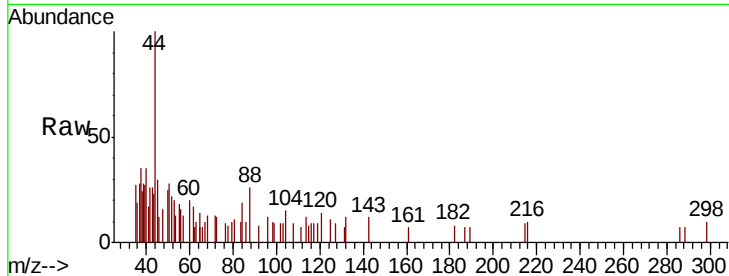
Tot Ion: 88 Resp: 133

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 110.5 51.4 77.0#



#50

Toluene-d8

Concen: 49.508 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006462.D

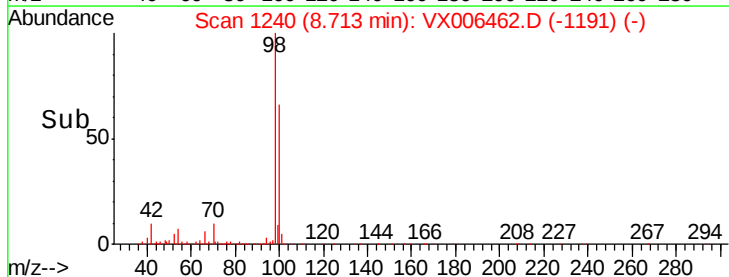
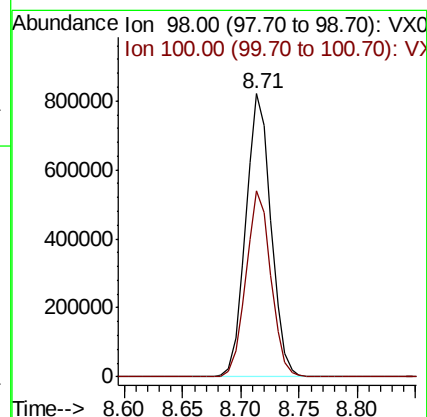
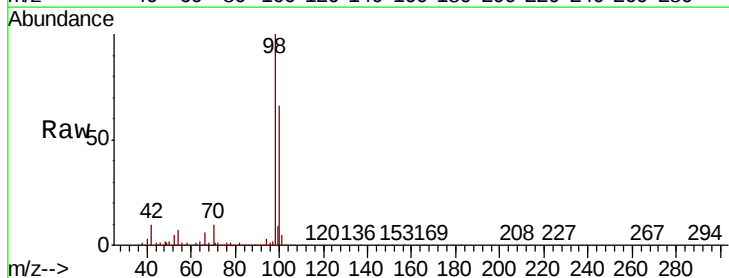
Acq: 12 Dec 2018 23:45

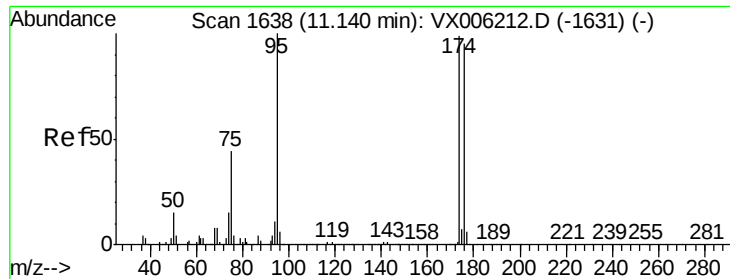
Tgt Ion: 98 Resp: 1244519

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2

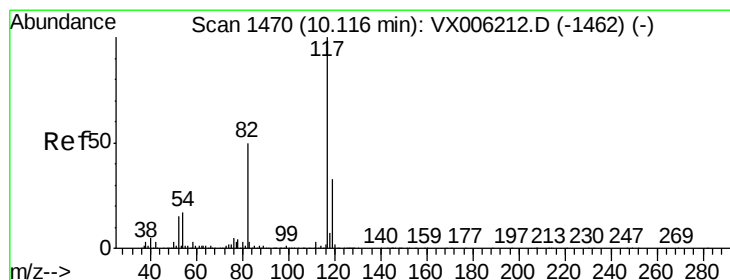
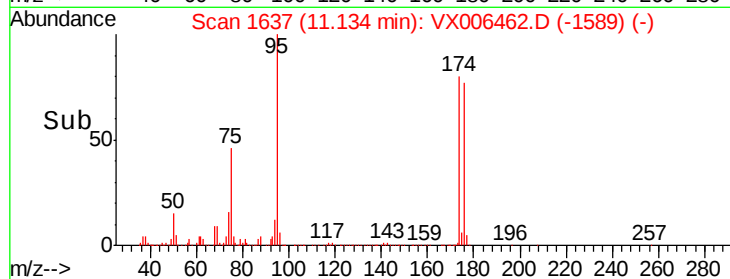
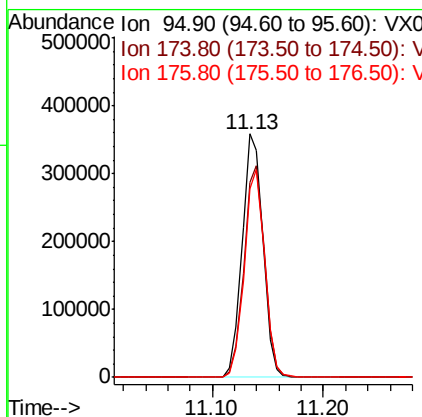
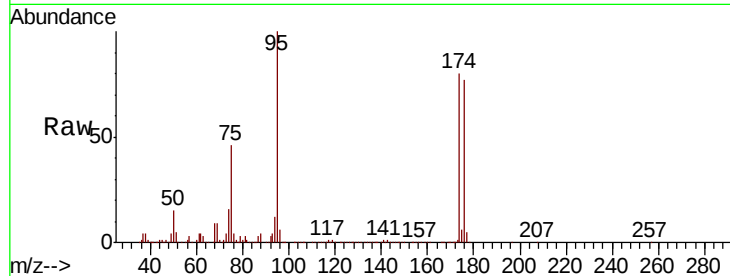




#62
4-Bromofluorobenzene
Concen: 48.789 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006462.D
Acq: 12 Dec 2018 23:45

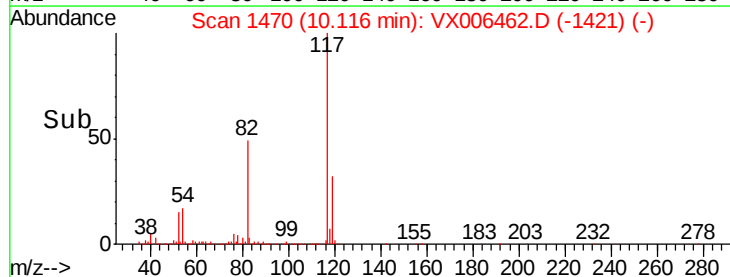
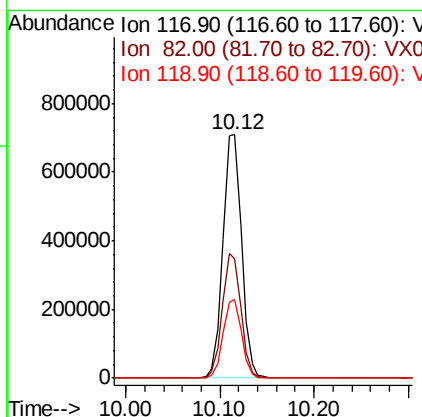
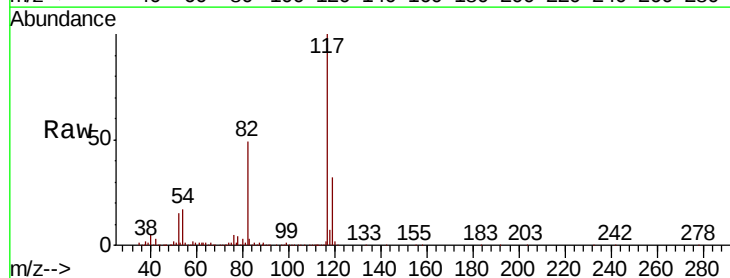
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL02

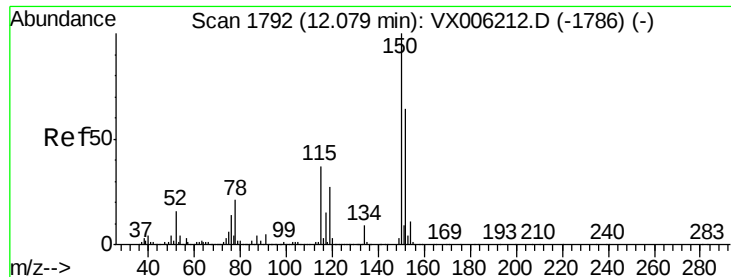
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	187.0
176	83.8	0.0	181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006462.D
Acq: 12 Dec 2018 23:45

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.0	39.6	59.4
119	32.1	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006462.D

Acq: 12 Dec 2018 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL02

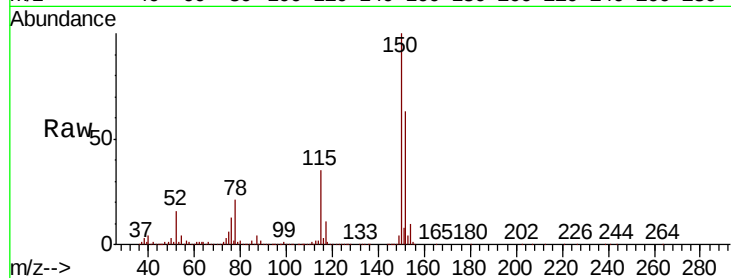
Tot Ion:152 Resp: 467612

Ion Ratio Lower Upper

152 100

115 56.7 39.0 116.9

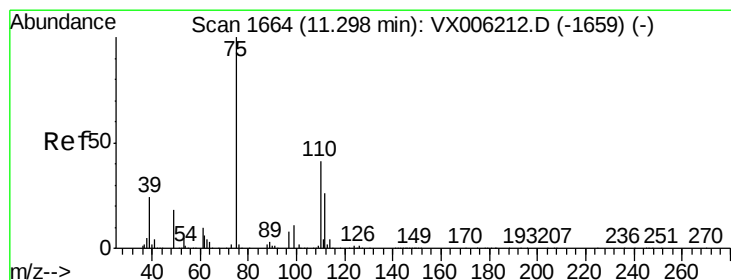
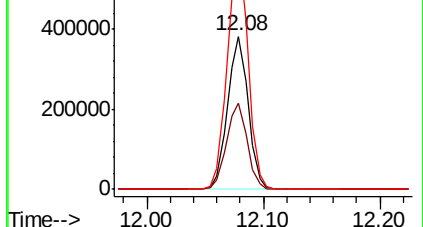
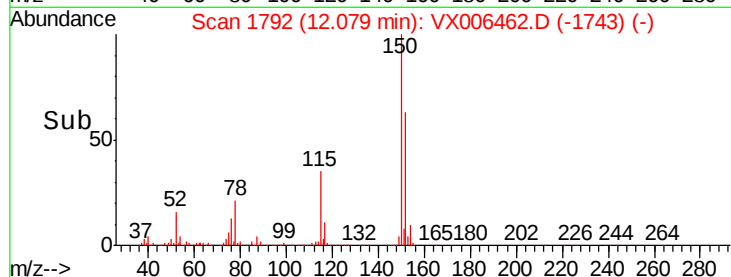
150 156.3 0.0 345.8



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



#76

1,2,3-Trichloropropane

Concen: 23.527 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006462.D

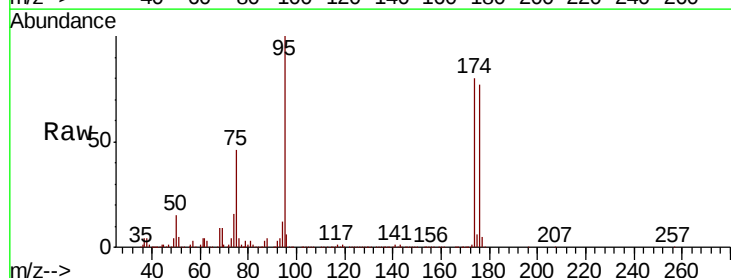
Acq: 12 Dec 2018 23:45

Tgt Ion: 75 Resp: 212349

Ion Ratio Lower Upper

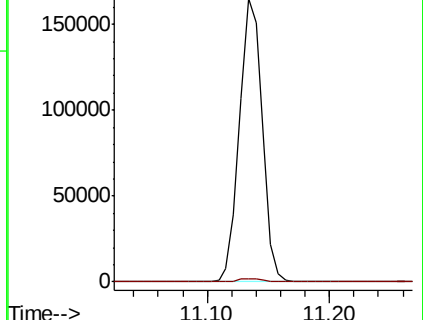
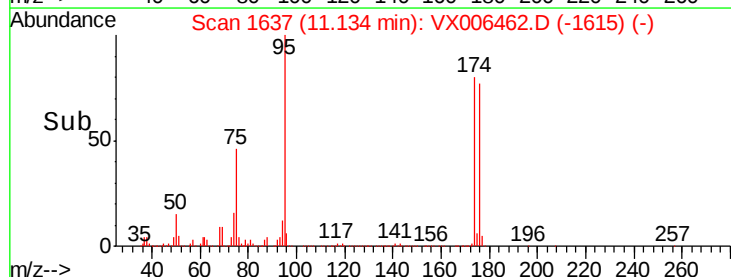
75 100

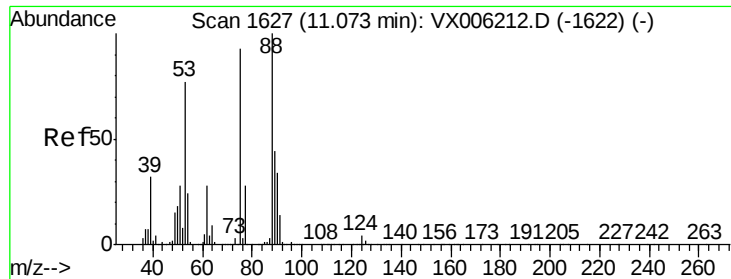
77 1.5 19.9 59.7#



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: 55.212 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006462.D

Acq: 12 Dec 2018 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL02

Tot Ion: 75 Resp: 212349

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.1 44.2 66.4#

