

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX010002.D
 Acq On : 31 May 2019 23:01
 Operator : JC/SP
 Sample : K3131-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB04-190530

Quant Time: Jun 01 06:28:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114973	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117319	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
35) Dibromofluoromethane	5.50	113	86158	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.71	98	356763	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	121990	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

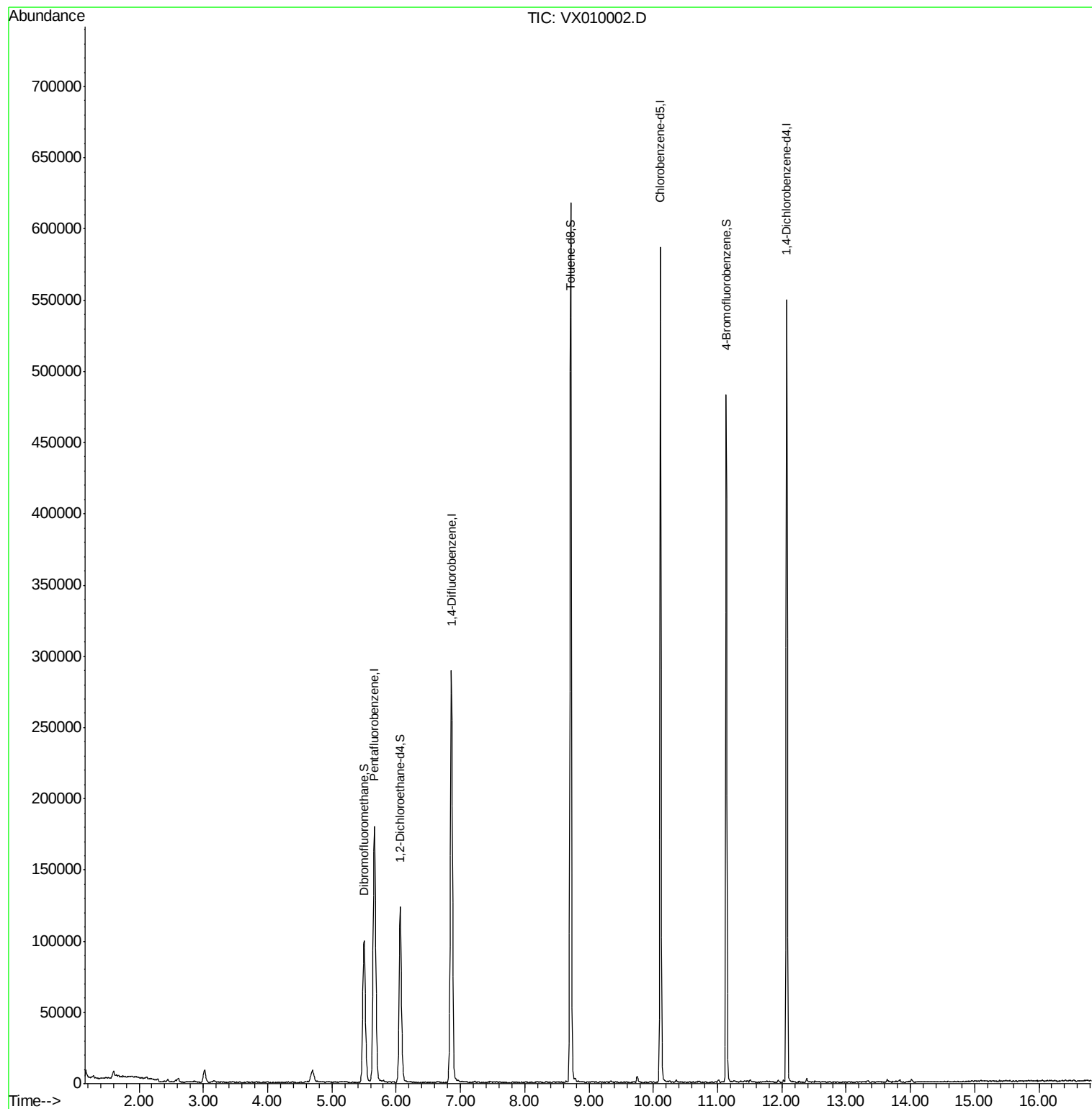
Target Compounds	Qvalue
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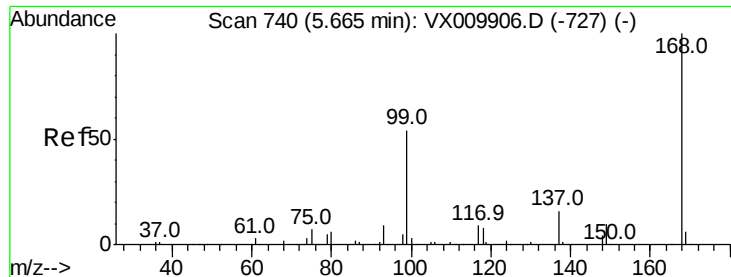
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010002.D

Acq: 31 May 2019 23:01

Instrument :

MSVOA_X

ClientSampleId :

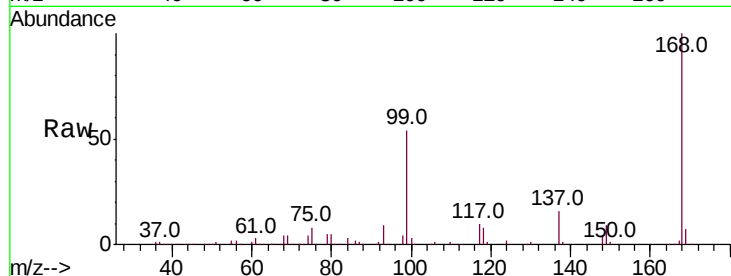
Z1-TB04-190530

Tot Ion:168 Resp: 176918

Ion Ratio Lower Upper

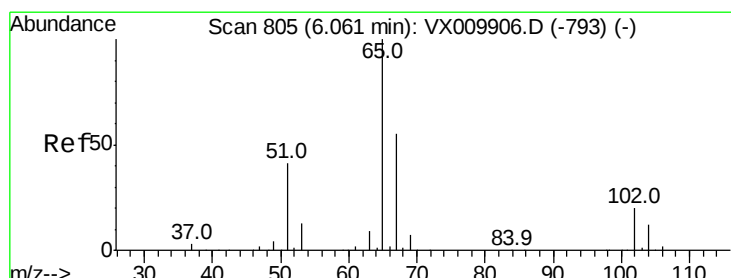
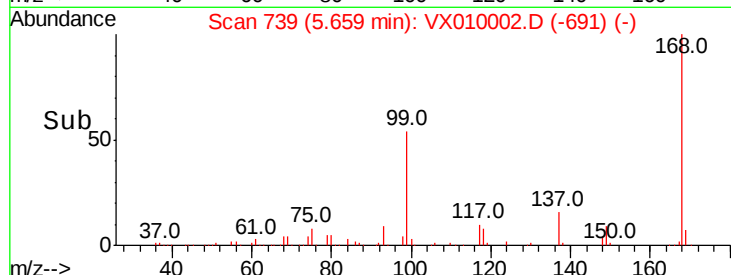
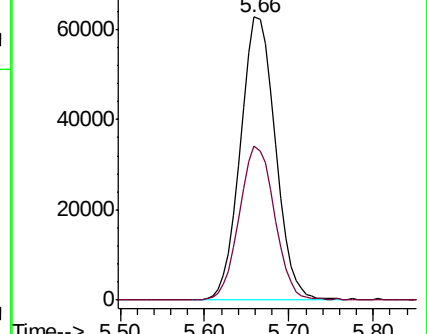
168 100

99 54.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.944 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010002.D

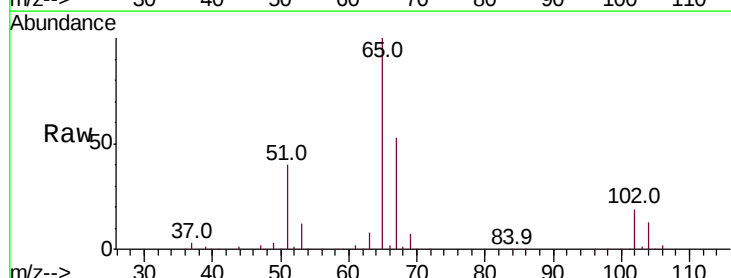
Acq: 31 May 2019 23:01

Tgt Ion: 65 Resp: 117319

Ion Ratio Lower Upper

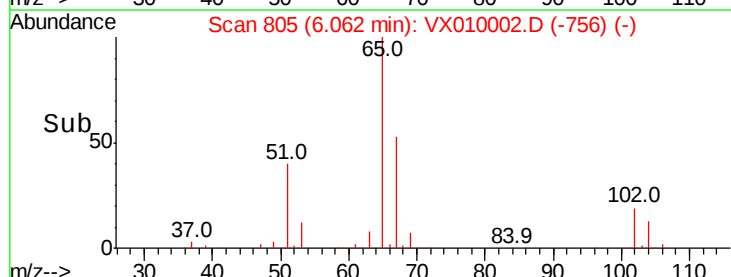
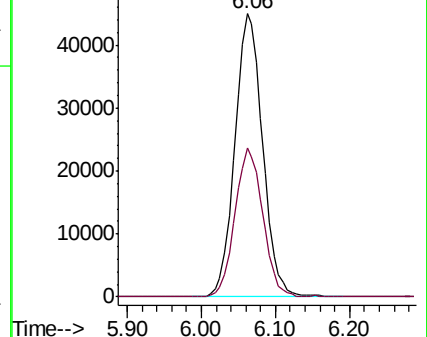
65 100

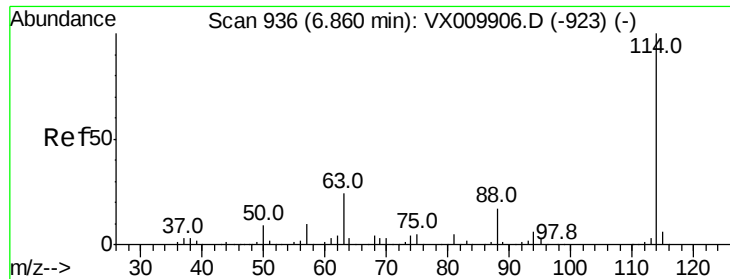
67 52.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

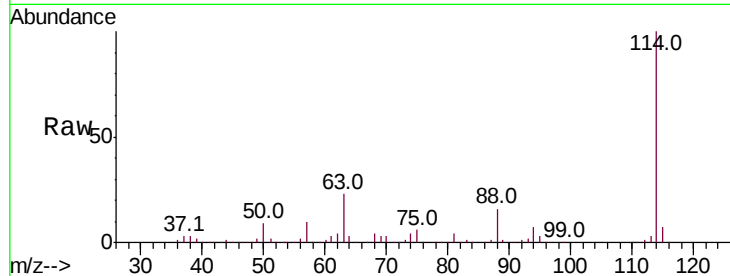




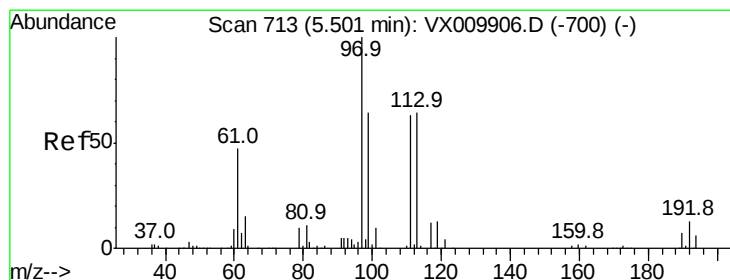
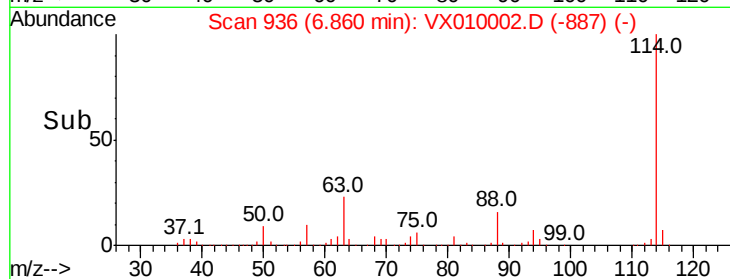
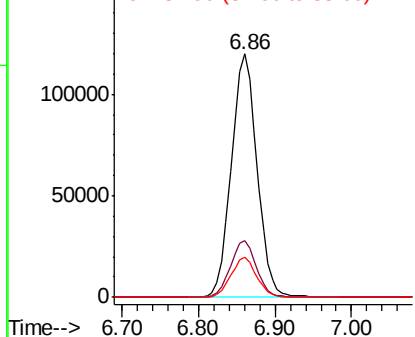
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010002.D
 Acq: 31 May 2019 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB04-190530

Tot Ion:114 Resp: 279464
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.4
 88 16.4 0.0 33.0

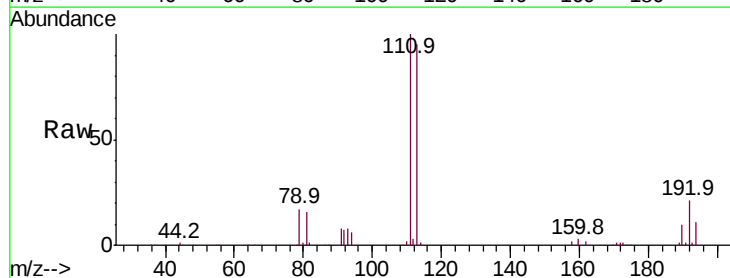


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

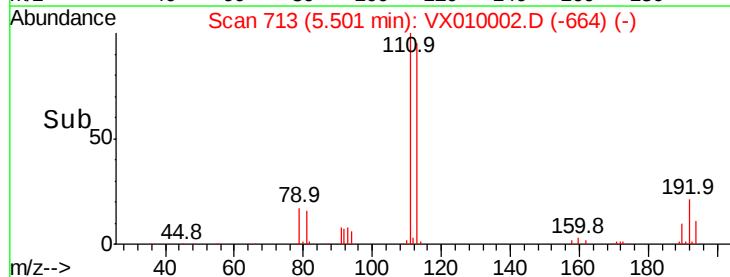
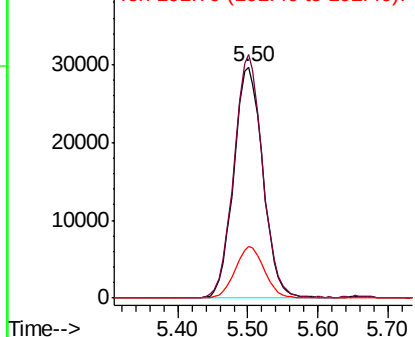


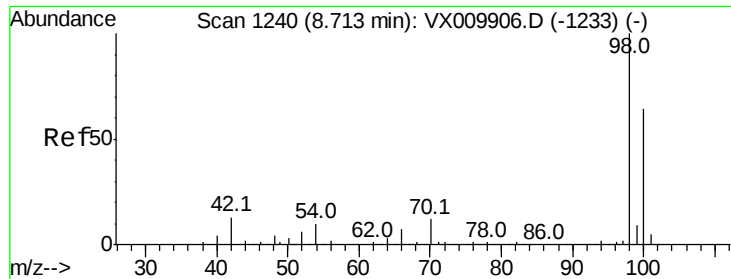
#35
 Dibromofluoromethane
 Concen: 49.037 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010002.D
 Acq: 31 May 2019 23:01

Tgt Ion:113 Resp: 86158
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.2
 192 22.2 17.1 25.7



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





#50

Toluene-d8

Concen: 50.003 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010002.D

Acq: 31 May 2019 23:01

Instrument :

MSVOA_X

ClientSampleId :

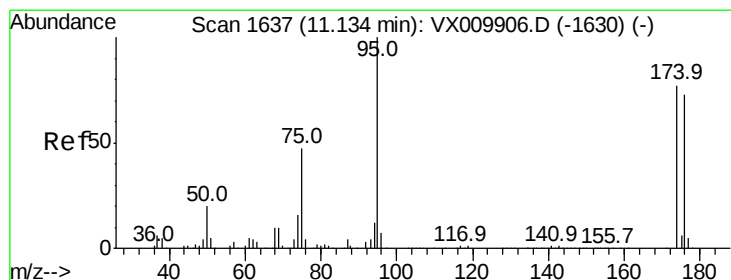
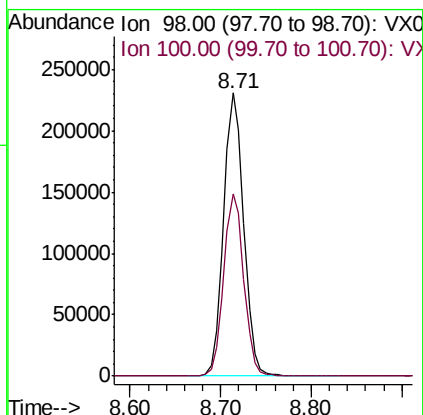
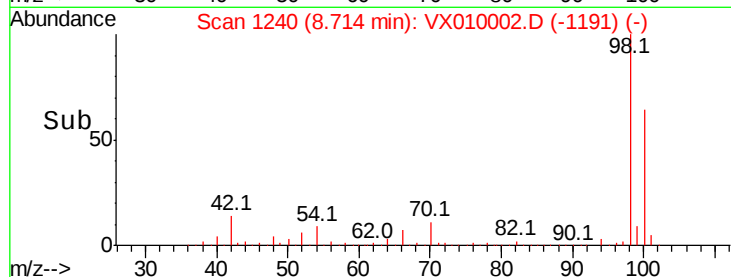
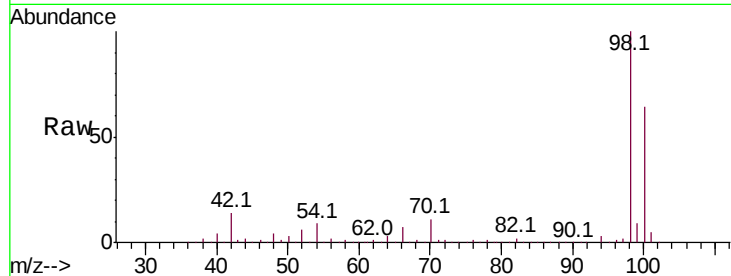
Z1-TB04-190530

Tot Ion: 98 Resp: 356763

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.602 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010002.D

Acq: 31 May 2019 23:01

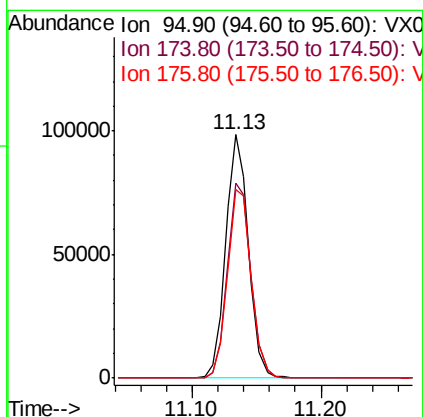
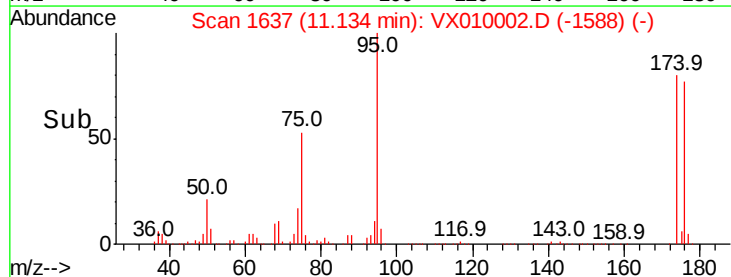
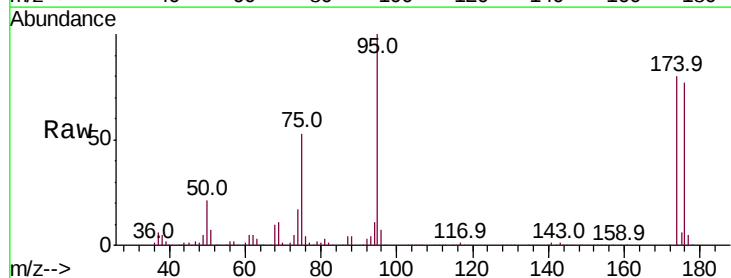
Tgt Ion: 95 Resp: 121990

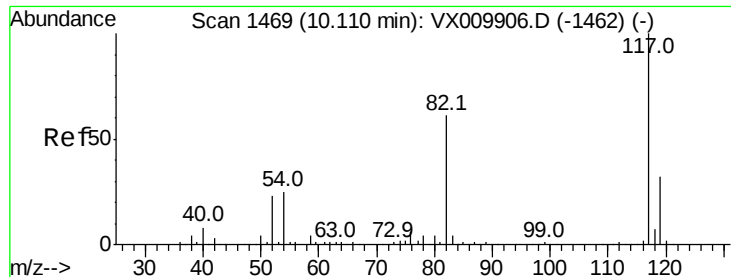
Ion Ratio Lower Upper

95 100

174 83.2 0.0 160.4

176 81.1 0.0 154.6

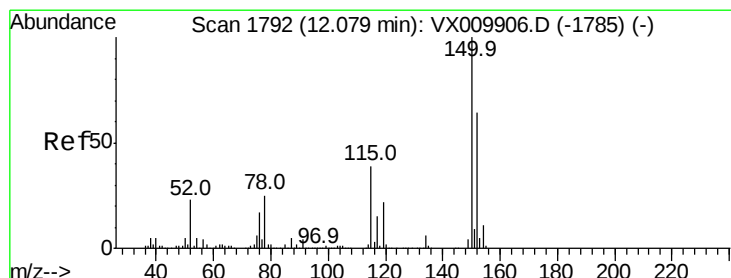
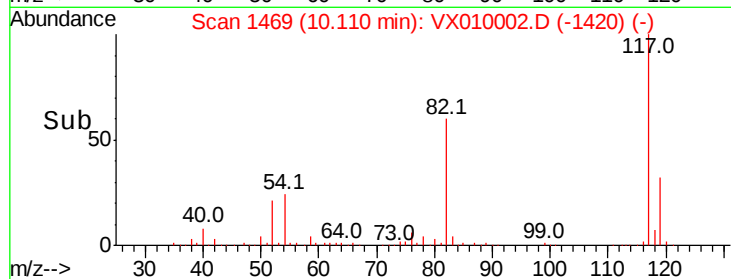
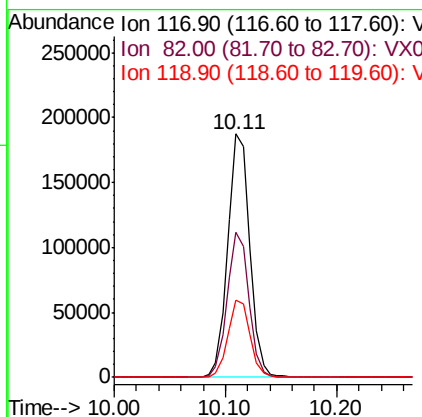
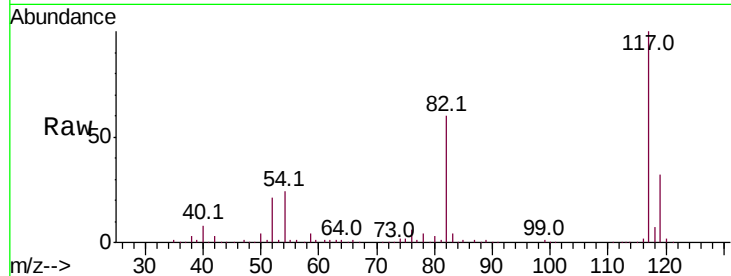




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX010002.D
 Acq: 31 May 2019 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB04-190530

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	49.2	73.8
119	31.9	25.2	37.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010002.D
 Acq: 31 May 2019 23:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	41.4	124.2
150	156.2	0.0	345.2

