

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010269.D
 Acq On : 13 Jun 2019 13:47
 Operator : JC/SP
 Sample : VX0613WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBL01

Quant Time: Jun 14 03:47:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	309562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	468295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	416286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182741	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	150169	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	5.49	113	151760	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
50) Toluene-d8	8.71	98	580922	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
62) 4-Bromofluorobenzene	11.13	95	188859	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	

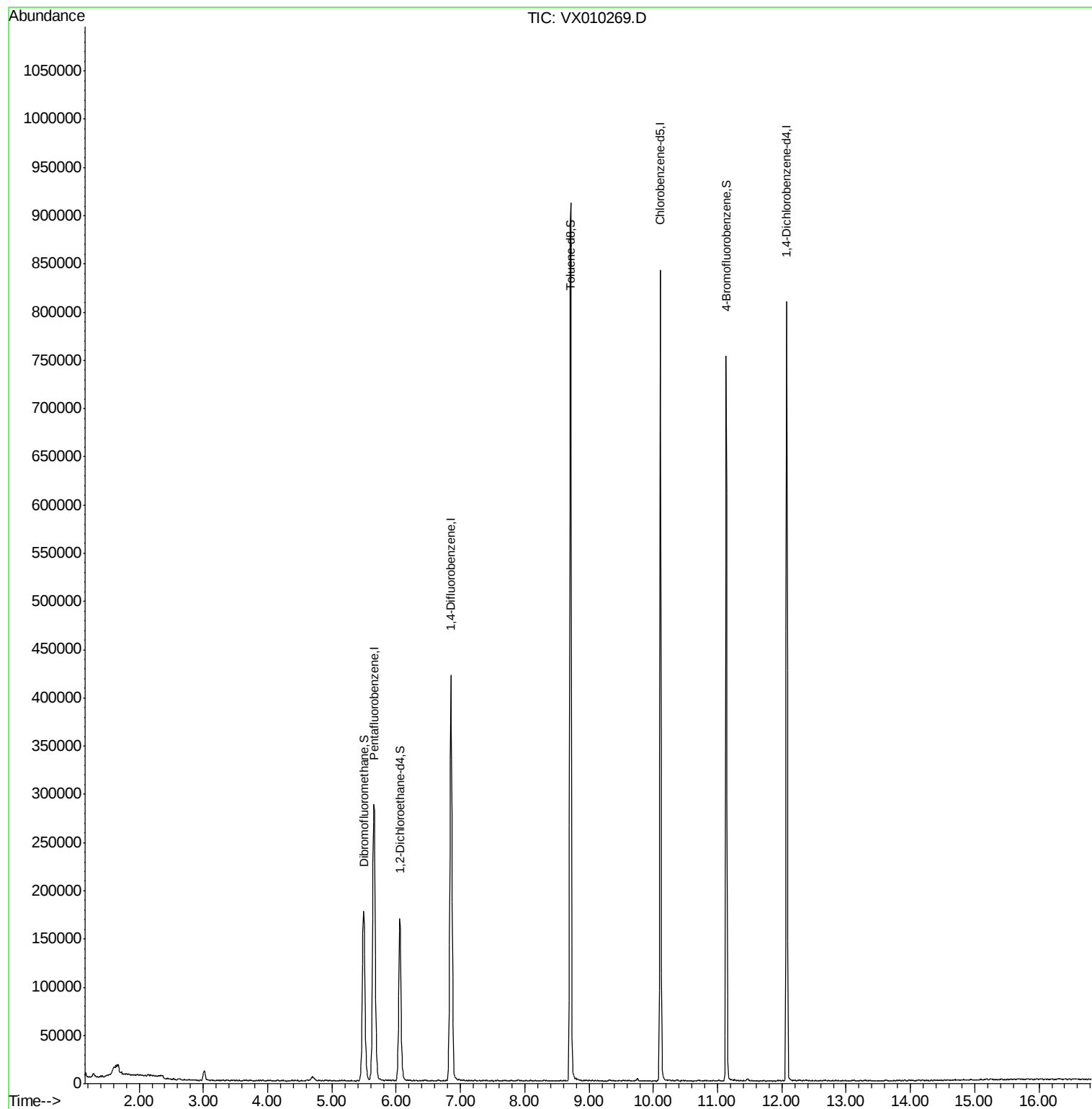
Target Compounds	Qvalue

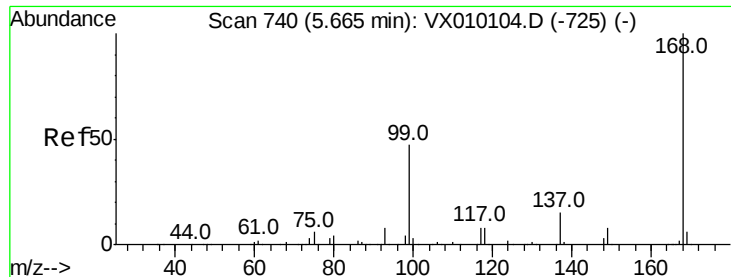
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 08 02:12:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010269.D

Acq: 13 Jun 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

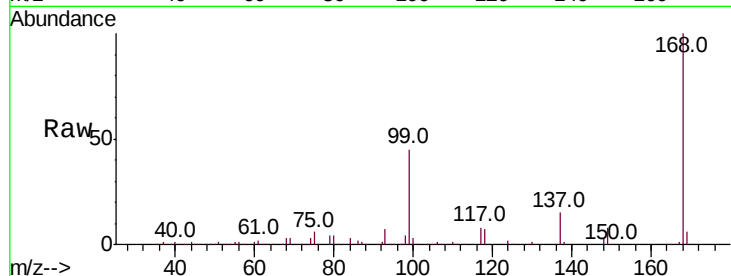
VX0613WBL01

Tot Ion:168 Resp: 309562

Ion Ratio Lower Upper

168 100

99 44.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

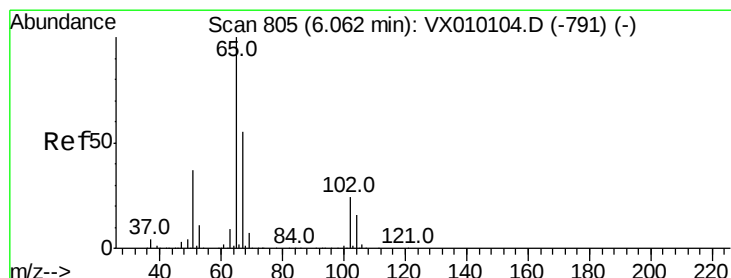
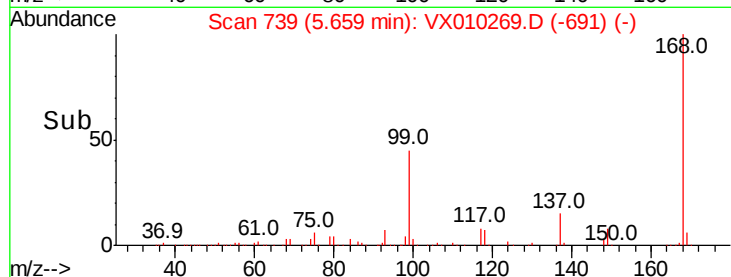
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.697 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010269.D

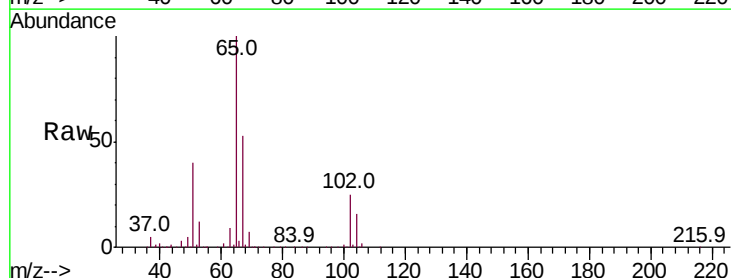
Acq: 13 Jun 2019 13:47

Tgt Ion: 65 Resp: 150169

Ion Ratio Lower Upper

65 100

67 55.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

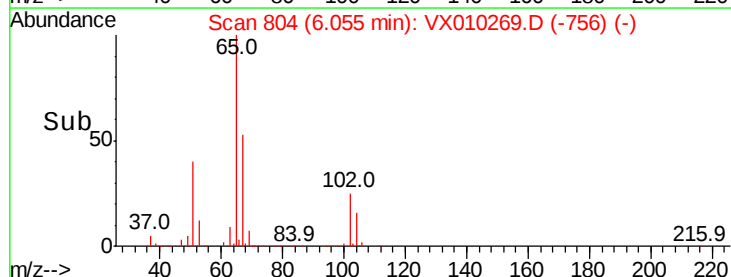
60000

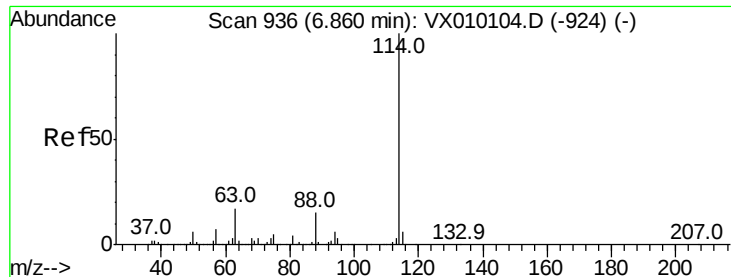
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

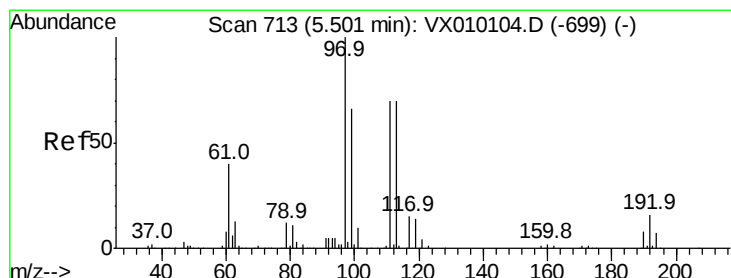
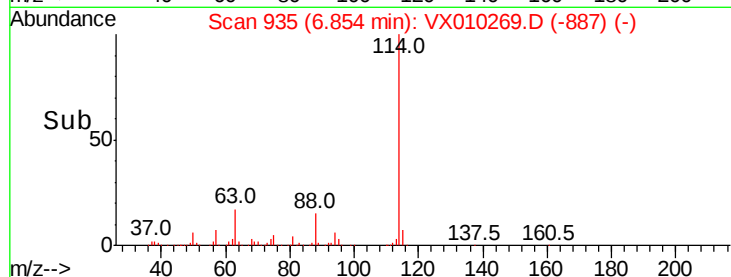
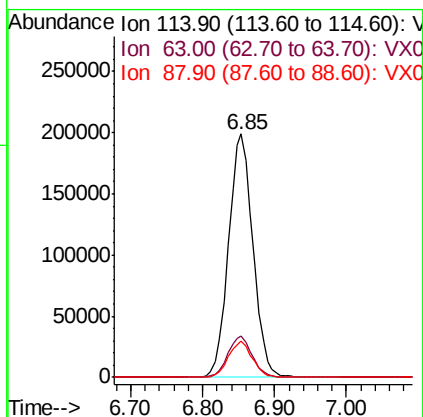
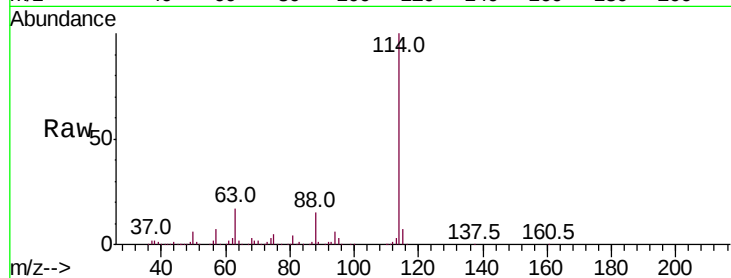




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010269.D
 Acq: 13 Jun 2019 13:47

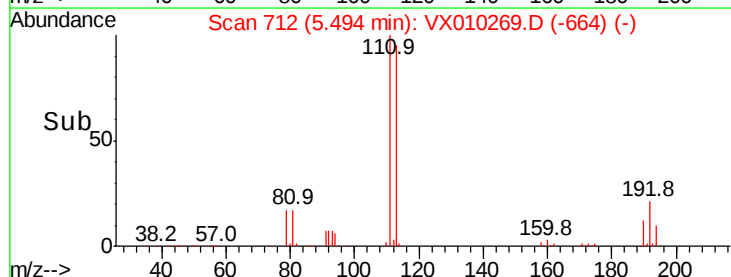
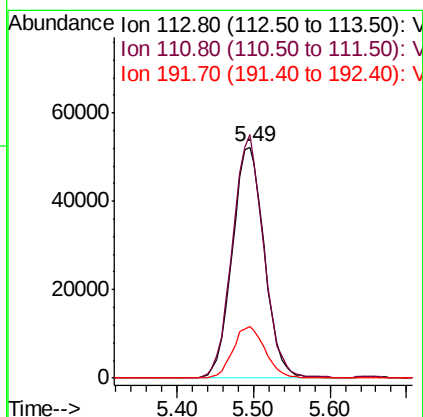
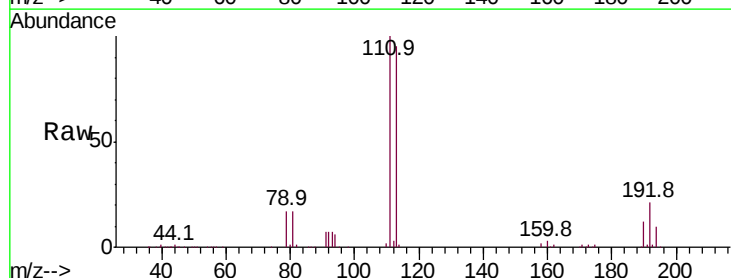
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBL01

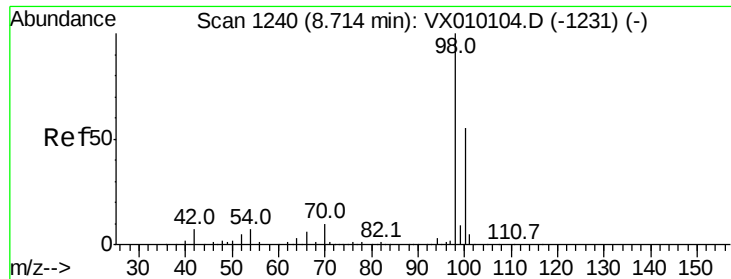
Tot Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	47.4
88	15.0	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 52.538 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010269.D
 Acq: 13 Jun 2019 13:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.2
192	22.6	17.1	25.7





#50

Toluene-d8

Concen: 53.661 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010269.D

Acq: 13 Jun 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

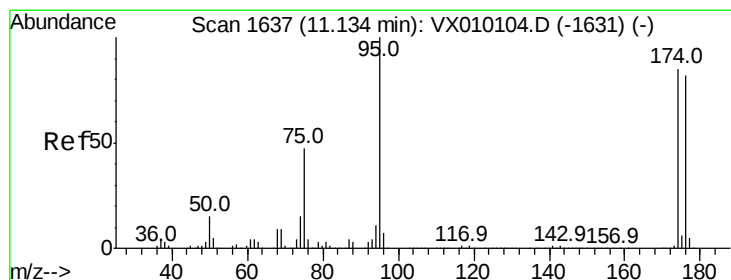
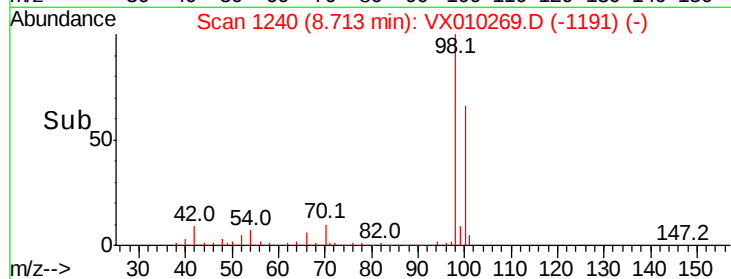
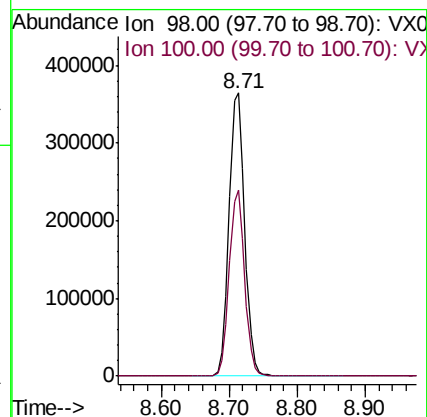
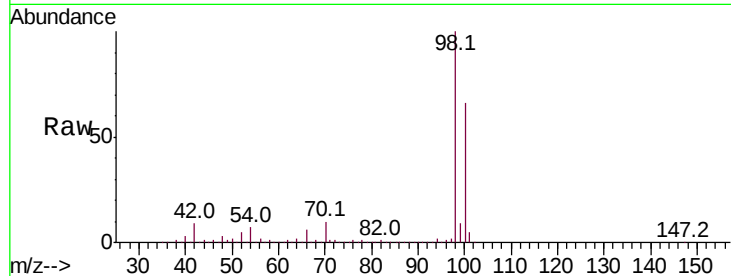
VX0613WBL01

Tot Ion: 98 Resp: 580922

Ion Ratio Lower Upper

98 100

100 64.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.712 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010269.D

Acq: 13 Jun 2019 13:47

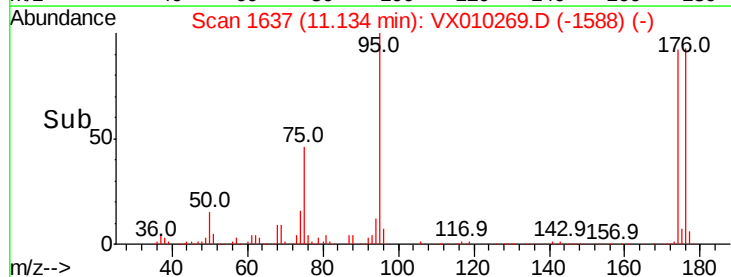
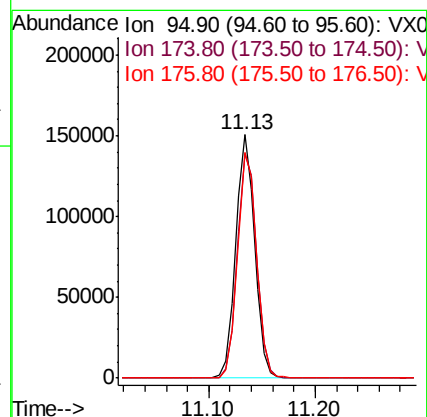
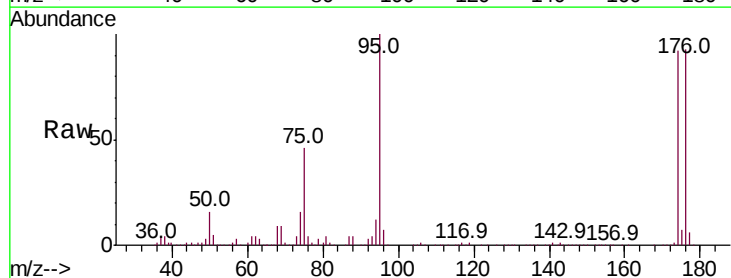
Tgt Ion: 95 Resp: 188859

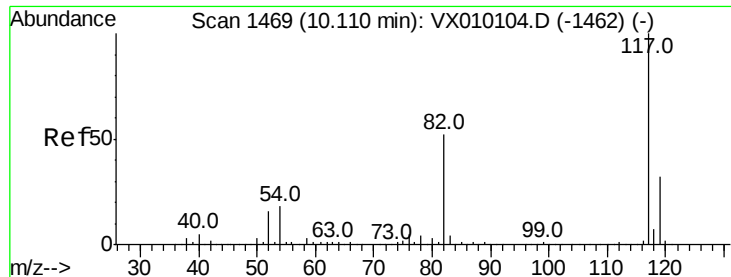
Ion Ratio Lower Upper

95 100

174 94.2 0.0 160.4

176 93.4 0.0 154.6

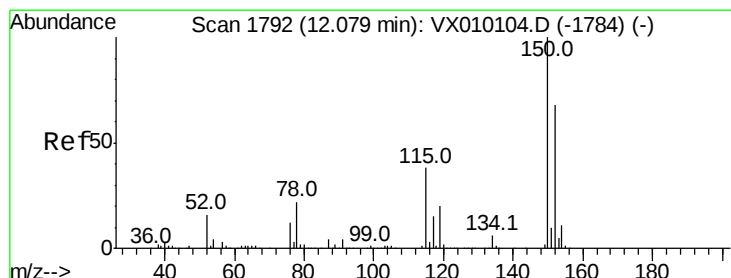
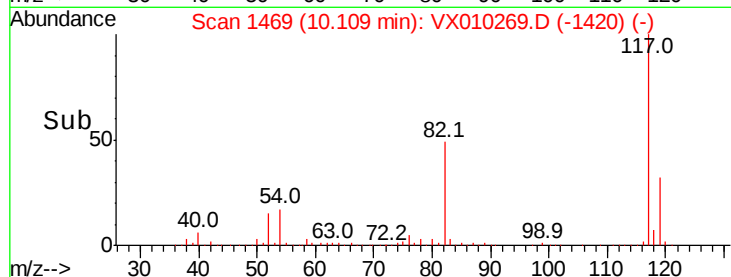
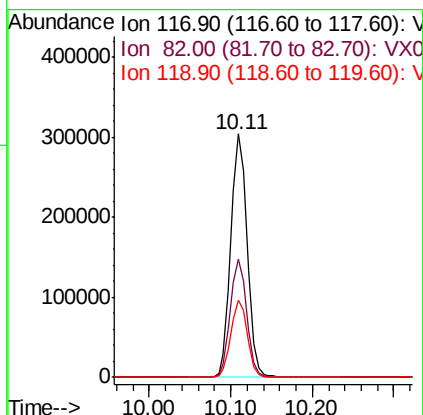
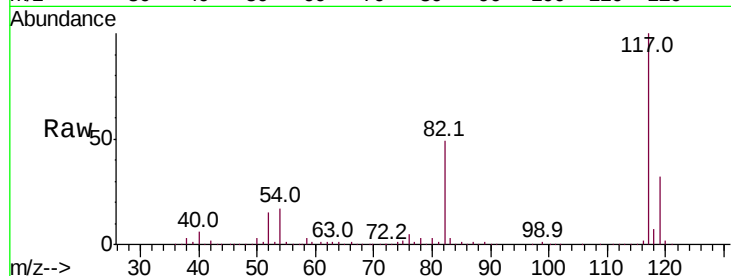




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010269.D
Acq: 13 Jun 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL01

Tot Ion:117 Resp: 416286
Ion Ratio Lower Upper
117 100
82 48.6 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: VX010269.D
Acq: 13 Jun 2019 13:47

Tgt Ion:152 Resp: 182741
Ion Ratio Lower Upper
152 100
115 54.0 41.4 124.2
150 157.1 0.0 345.2

