

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012042.D
 Acq On : 04 Sep 2019 10:38
 Operator : SY/SP
 Sample : VX0904SBL01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBL01

Quant Time: Sep 04 13:25:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	289465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109644	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	90878	39.46	ug/l	0.00
Spiked Amount						
			Recovery	=	78.92%	
35) Dibromofluoromethane	5.48	113	82720	46.47	ug/l	0.00
Spiked Amount						
			Recovery	=	92.94%	
50) Toluene-d8	8.71	98	343973	52.66	ug/l	0.00
Spiked Amount						
			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	11.14	95	132933	43.76	ug/l	0.00
Spiked Amount						
			Recovery	=	87.52%	

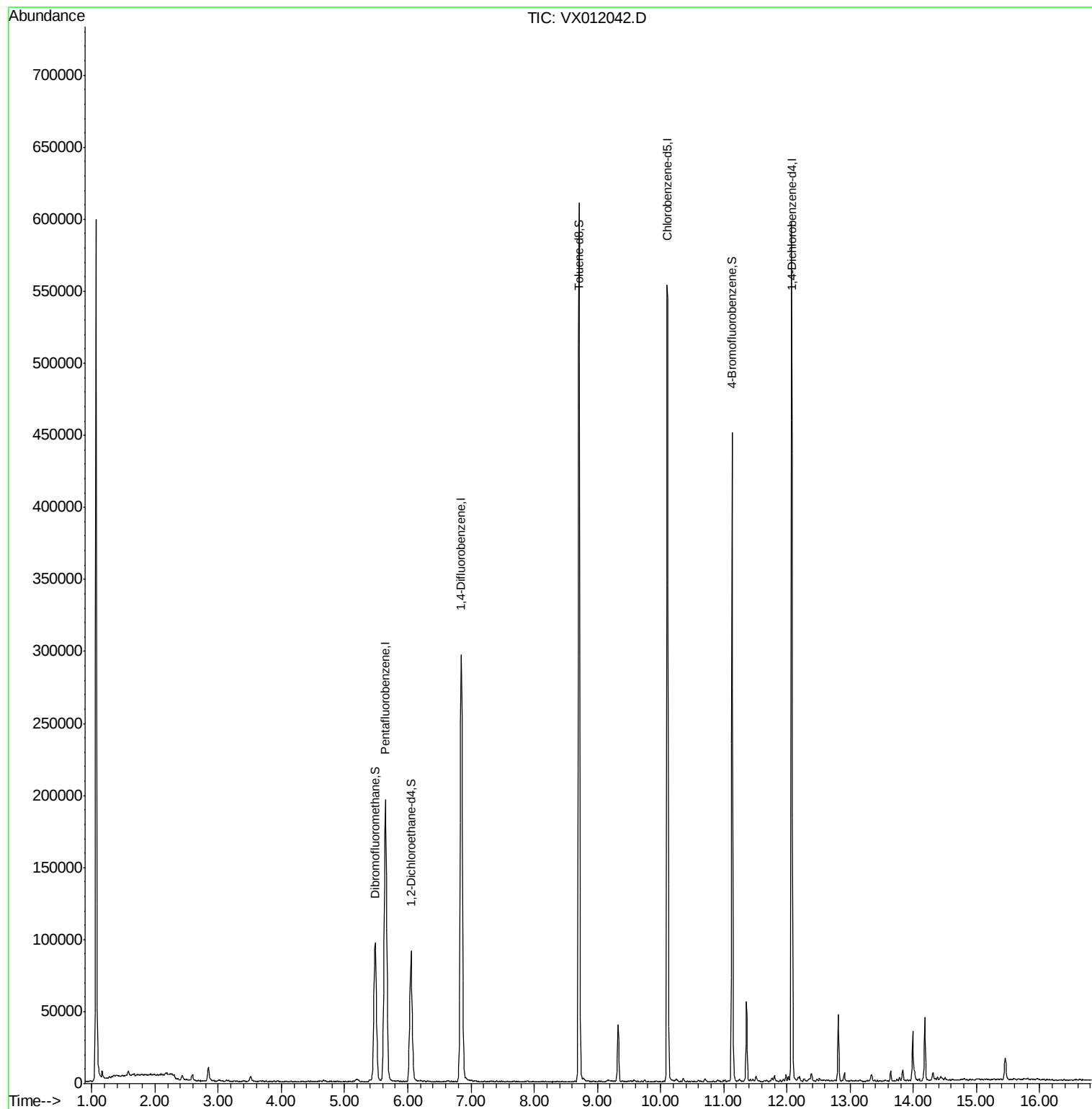
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012042.D

Acq: 04 Sep 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

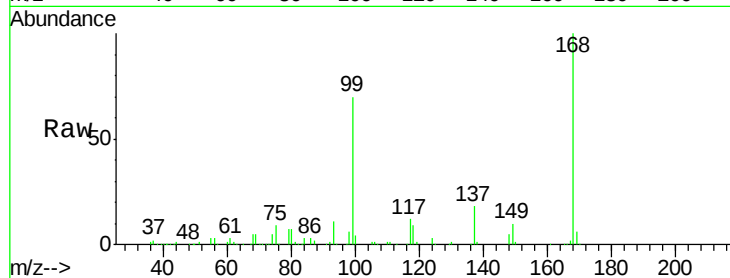
VX0904SBL01

Tot Ion:168 Resp: 166905

Ion Ratio Lower Upper

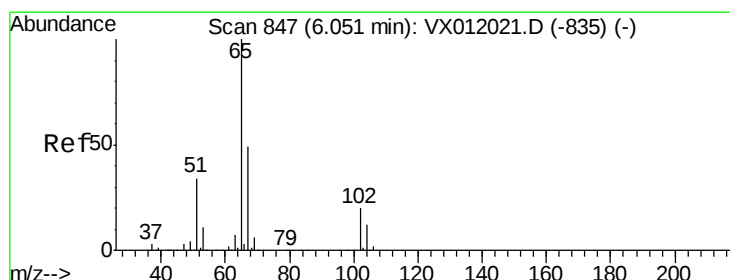
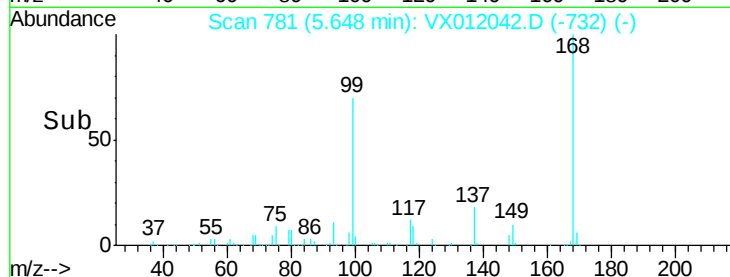
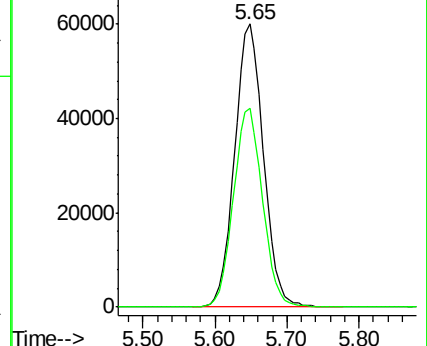
168 100

99 70.1 37.6 56.4#



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: 39.461 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012042.D

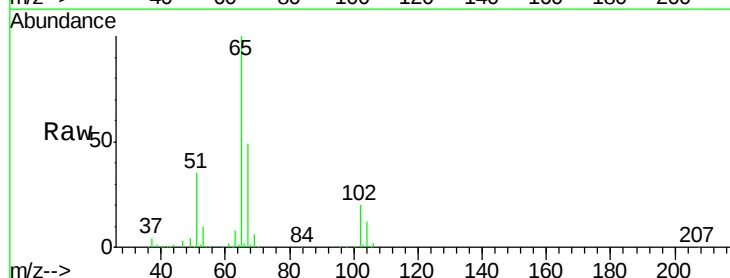
Acq: 04 Sep 2019 10:38

Tgt Ion: 65 Resp: 90878

Ion Ratio Lower Upper

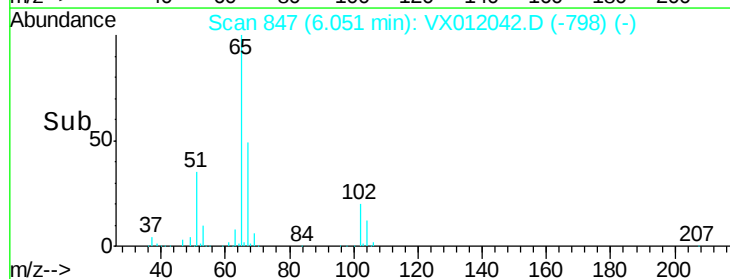
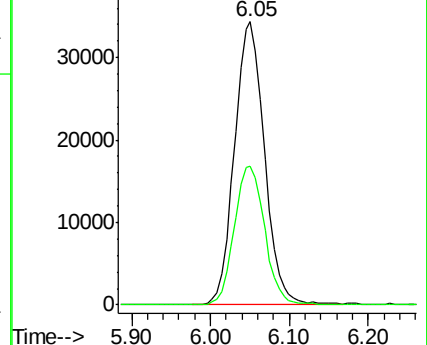
65 100

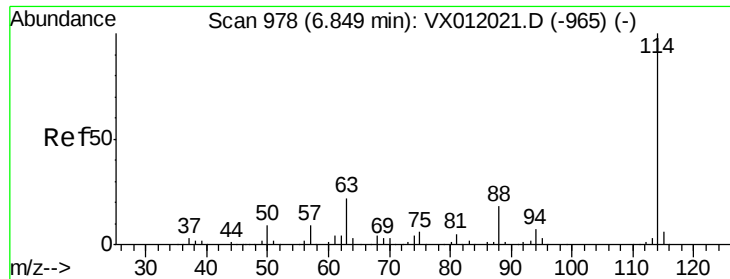
67 49.7 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

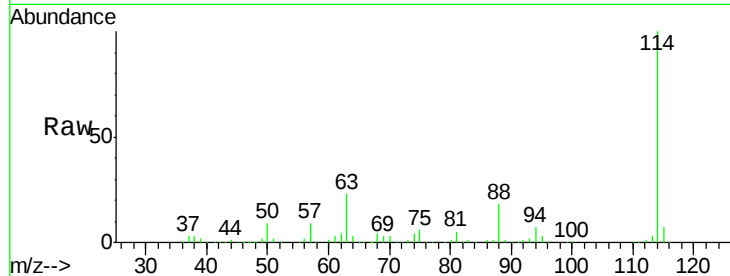




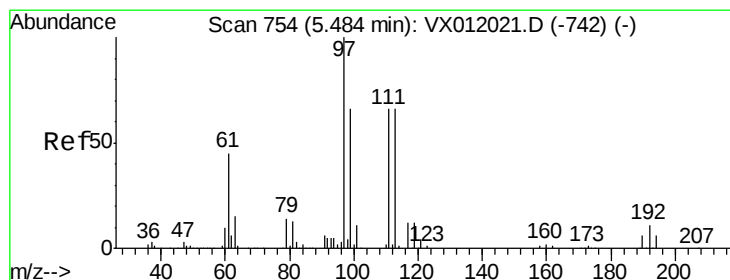
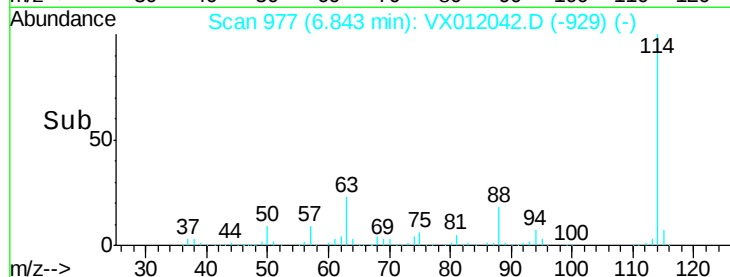
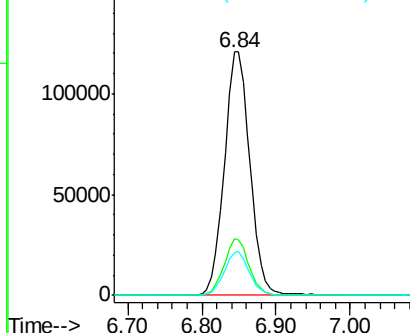
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012042.D
 Acq: 04 Sep 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBL01

Tot Ion:114 Resp: 289465
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 37.4
 88 17.5 0.0 29.6

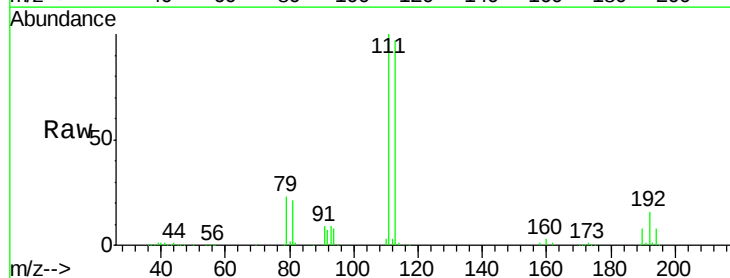


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

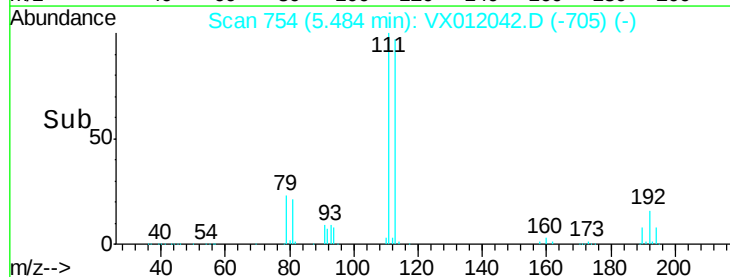
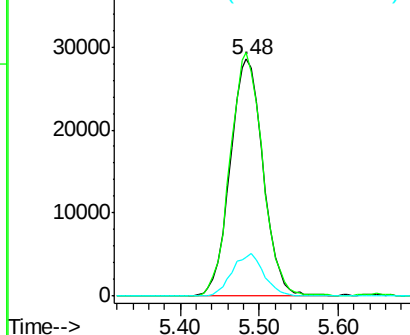


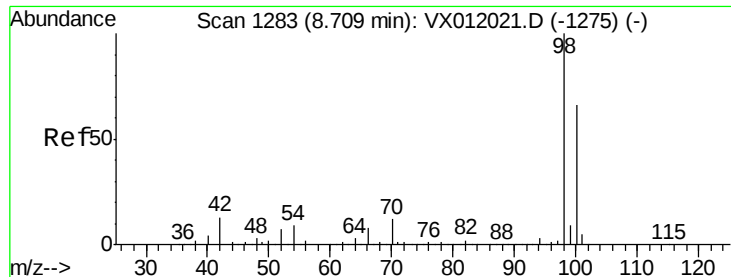
#35
 Dibromofluoromethane
 Concen: 46.469 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012042.D
 Acq: 04 Sep 2019 10:38

Tgt Ion:113 Resp: 82720
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 17.2 22.5 33.7#



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: 52.658 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012042.D

Acq: 04 Sep 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

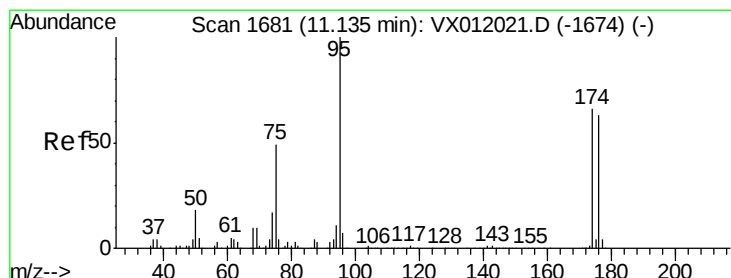
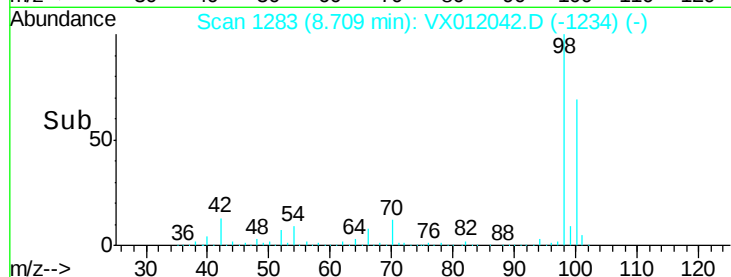
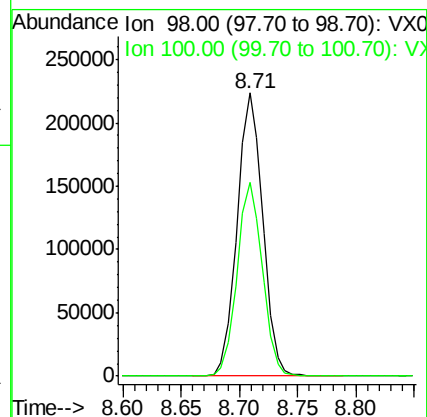
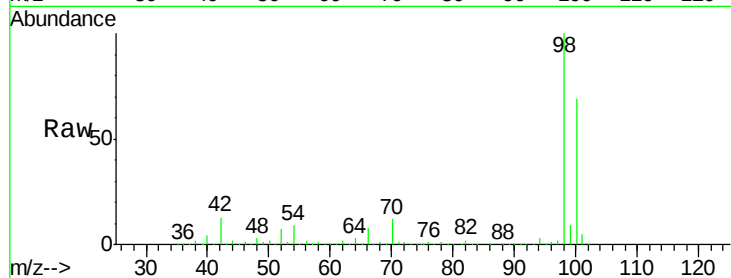
VX0904SBL01

Tot Ion: 98 Resp: 343973

Ion Ratio Lower Upper

98 100

100 67.3 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 43.758 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012042.D

Acq: 04 Sep 2019 10:38

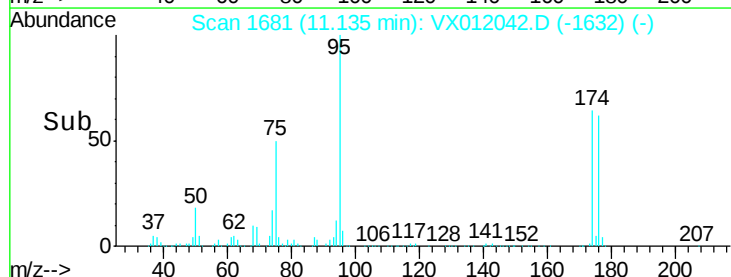
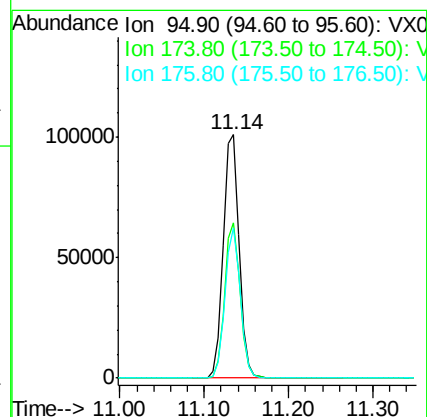
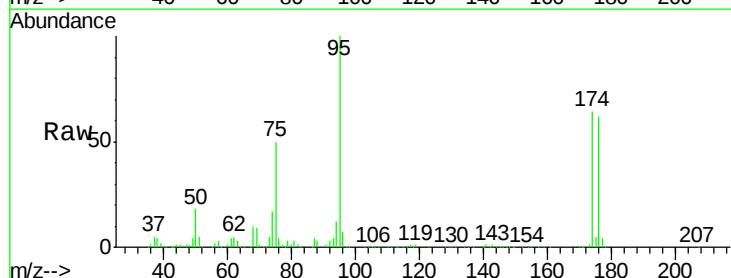
Tgt Ion: 95 Resp: 132933

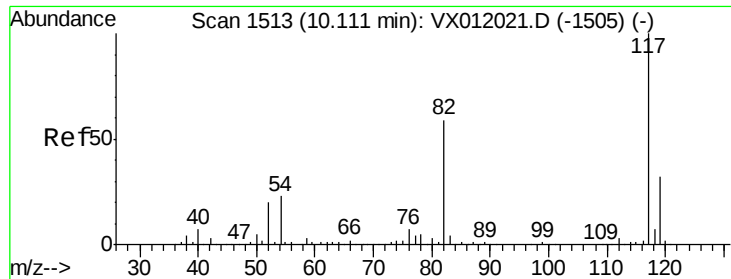
Ion Ratio Lower Upper

95 100

174 61.9 0.0 205.4

176 59.9 0.0 201.8

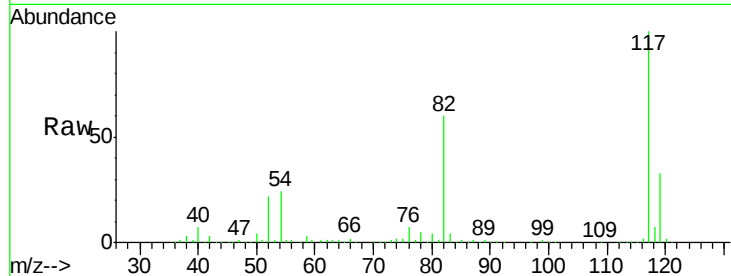




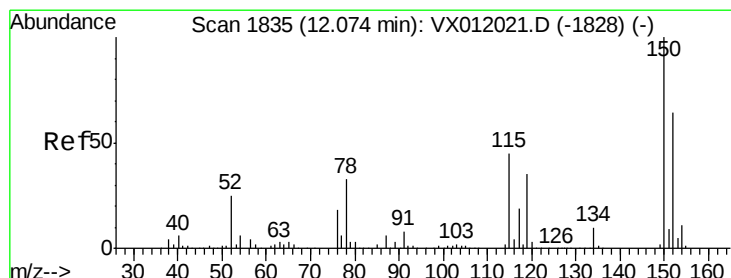
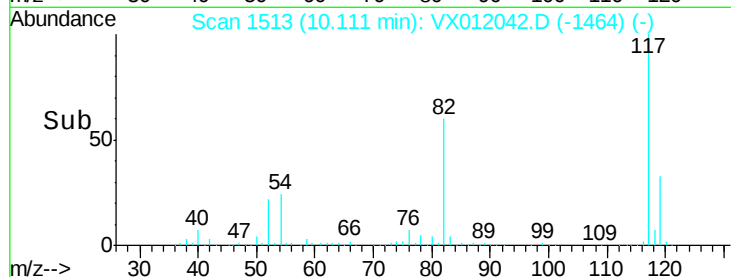
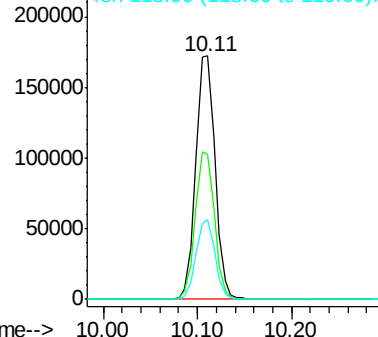
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012042.D
Acq: 04 Sep 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBL01

Tot Ion:117 Resp: 245414
Ion Ratio Lower Upper
117 100
82 59.7 39.4 59.0#
119 32.7 26.1 39.1

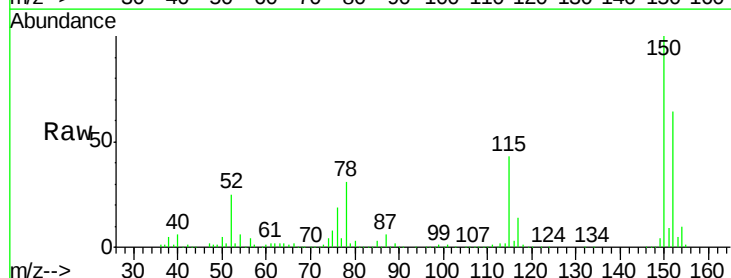


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012042.D
Acq: 04 Sep 2019 10:38

Tgt Ion:152 Resp: 109644
Ion Ratio Lower Upper
152 100
115 65.0 36.4 109.3
150 155.0 0.0 341.2



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

