

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012101.D
 Acq On : 05 Sep 2019 15:19
 Operator : SY/SP
 Sample : K4538-07
 Misc : 5.29g/5.0mL/MSVOA X/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-7

Quant Time: Sep 06 06:34:08 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	138618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	237294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	199953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	79633	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	92635	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	5.48	113	72081	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	281105	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.14	95	103952	41.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.48%	

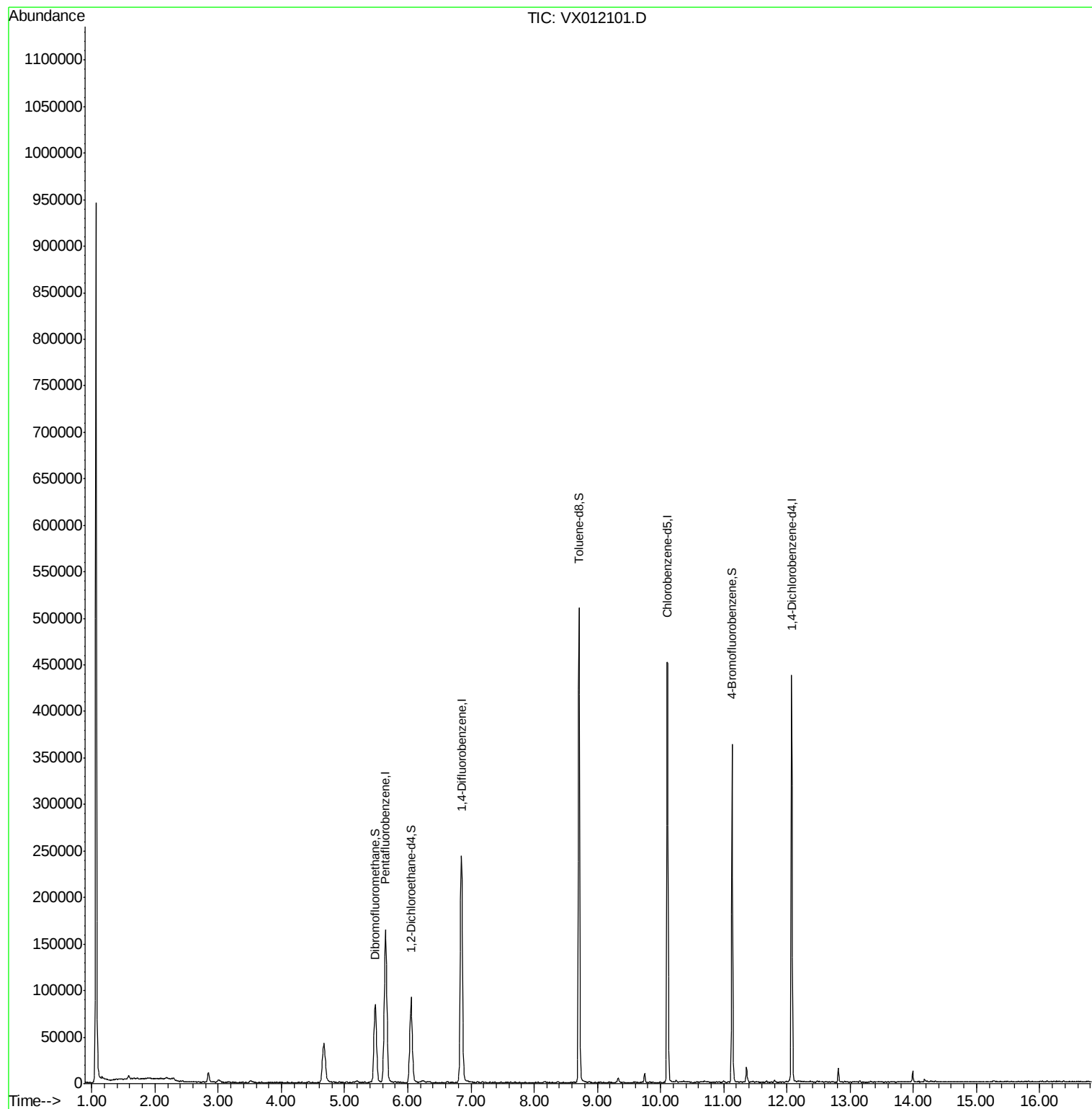
Target Compounds	Qvalue
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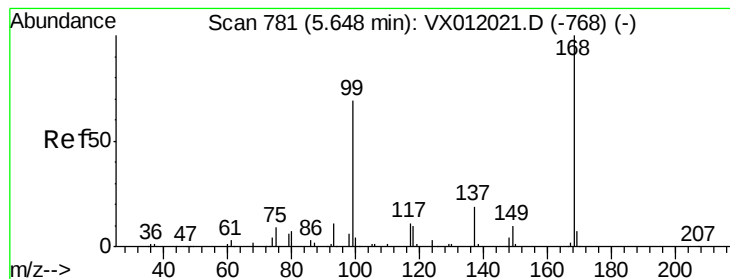
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012101.D

Acq: 05 Sep 2019 15:19

Instrument :

MSVOA_X

ClientSampled :

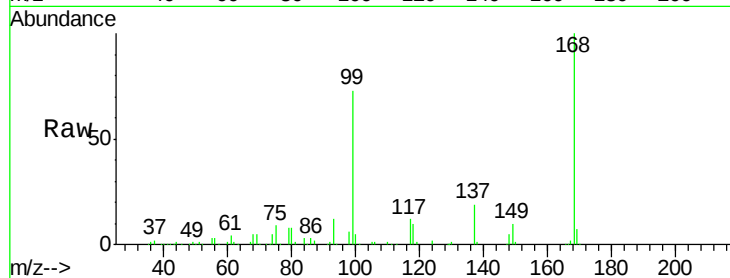
SB-7

Tot Ion:168 Resp: 138618

Ion Ratio Lower Upper

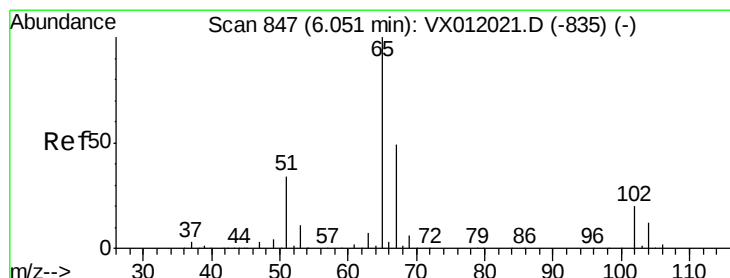
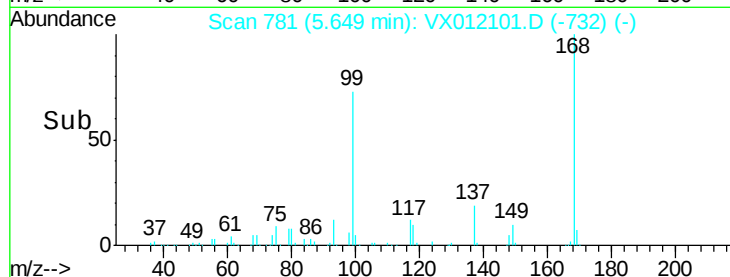
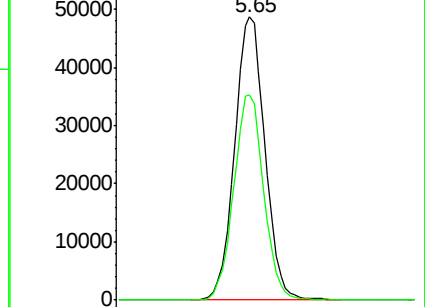
168 100

99 72.5 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: 48.433 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012101.D

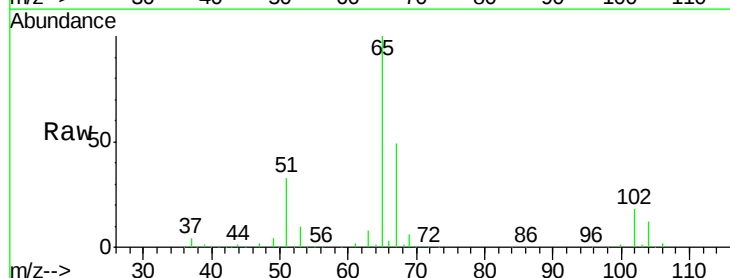
Acq: 05 Sep 2019 15:19

Tgt Ion: 65 Resp: 92635

Ion Ratio Lower Upper

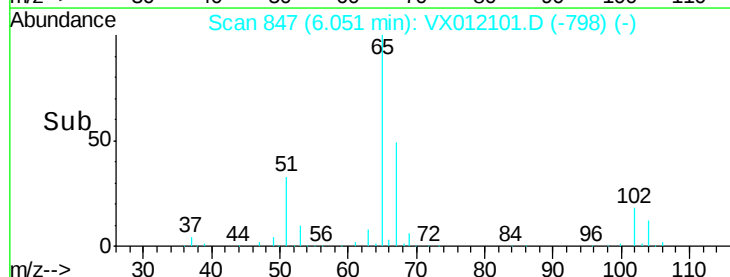
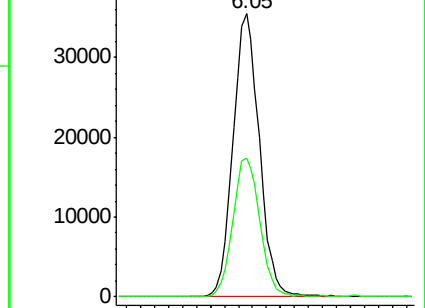
65 100

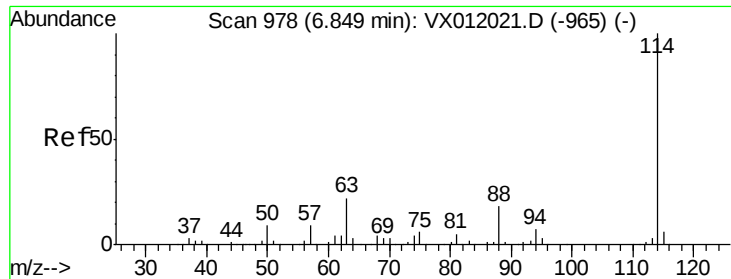
67 50.4 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

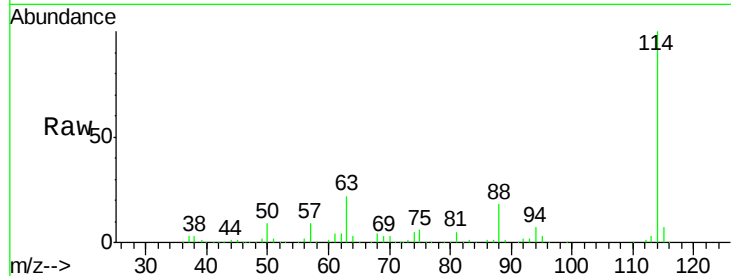




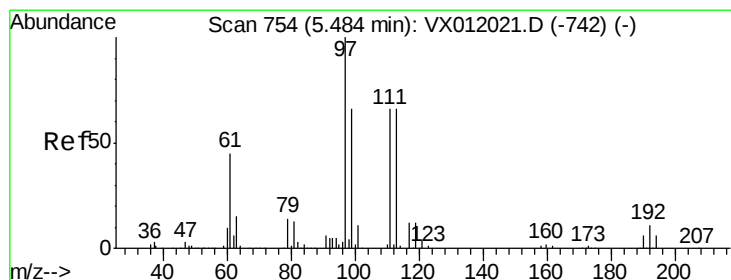
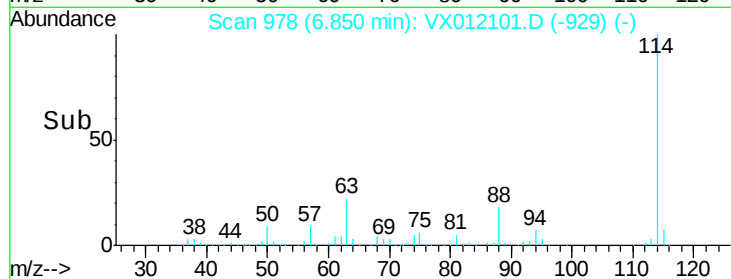
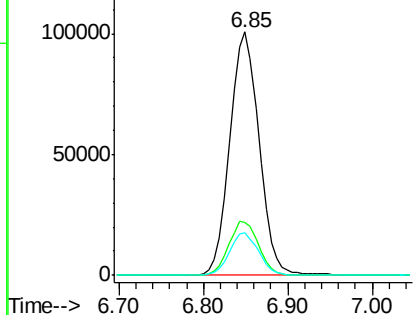
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012101.D
 Acq: 05 Sep 2019 15:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-7

Tot Ion:114 Resp: 237294
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 37.4
 88 17.7 0.0 29.6

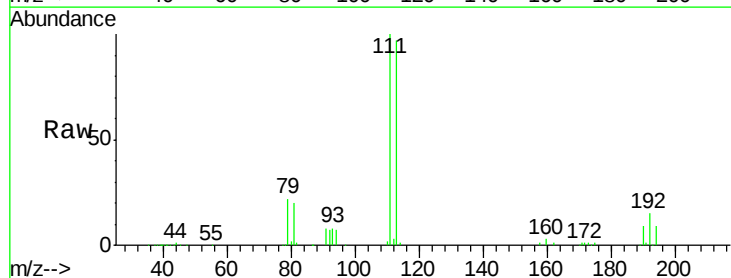


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

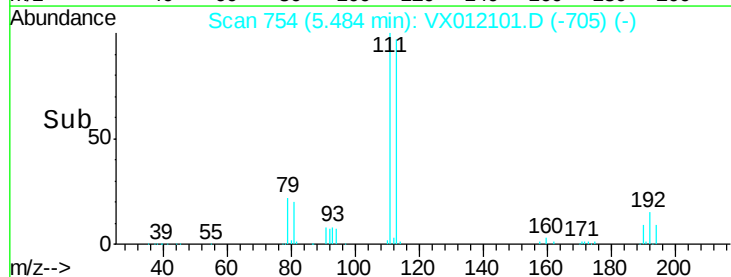
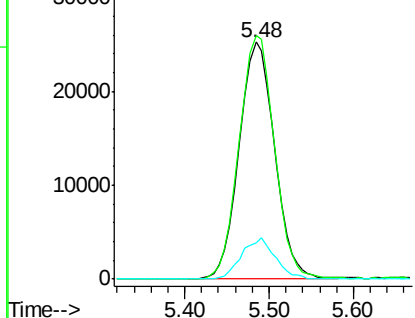


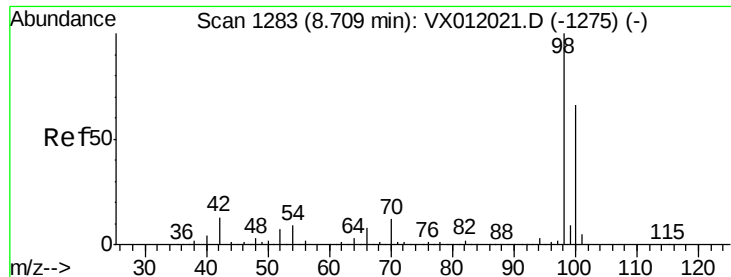
#35
 Dibromofluoromethane
 Concen: 49.395 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012101.D
 Acq: 05 Sep 2019 15:19

Tgt Ion:113 Resp: 72081
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.7 122.5
 192 16.7 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

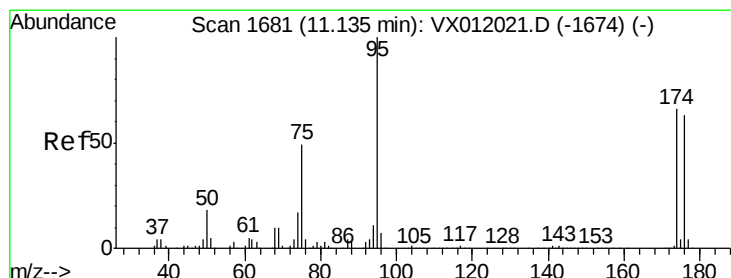
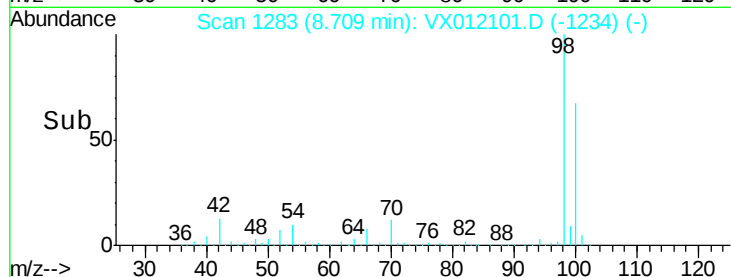
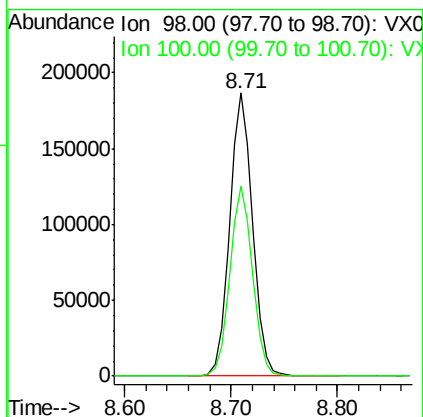
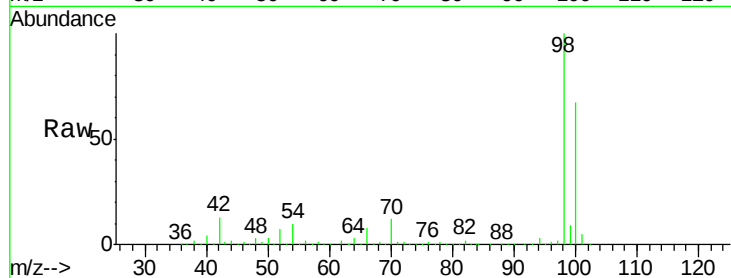




#50
Toluene-d8
Concen: 52.495 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012101.D
Acq: 05 Sep 2019 15:19

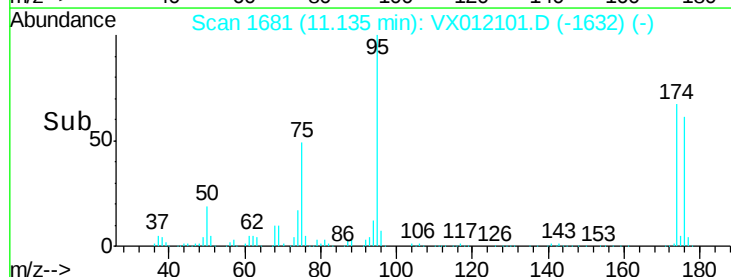
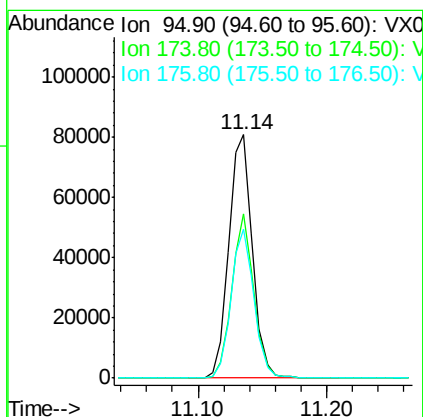
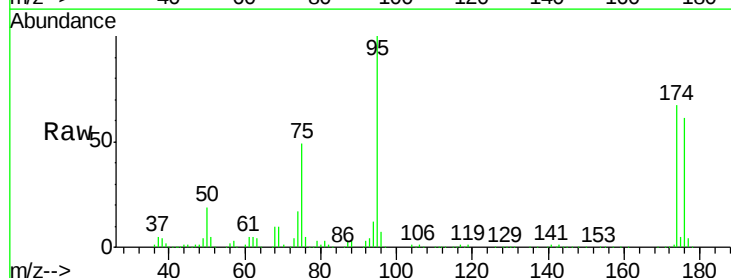
Instrument :
MSVOA_X
ClientSampleId :
SB-7

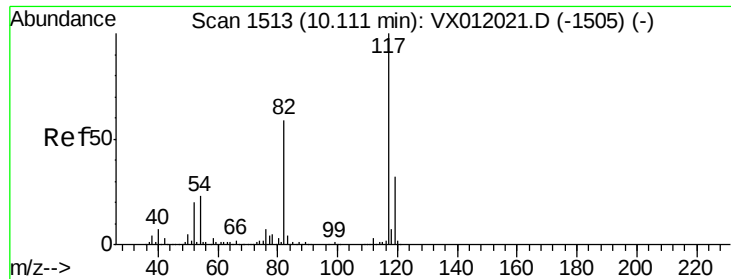
Tot Ion: 98 Resp: 281105
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 41.742 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012101.D
Acq: 05 Sep 2019 15:19

Tgt Ion: 95 Resp: 103952
Ion Ratio Lower Upper
95 100
174 62.7 0.0 205.4
176 59.1 0.0 201.8

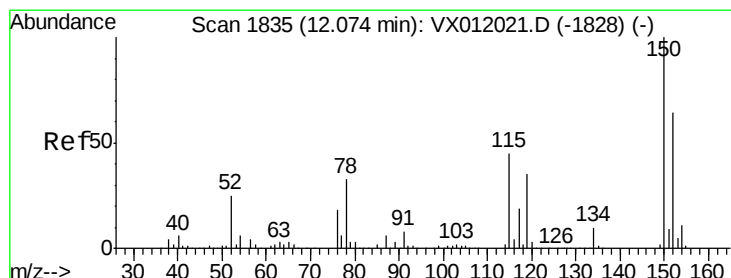
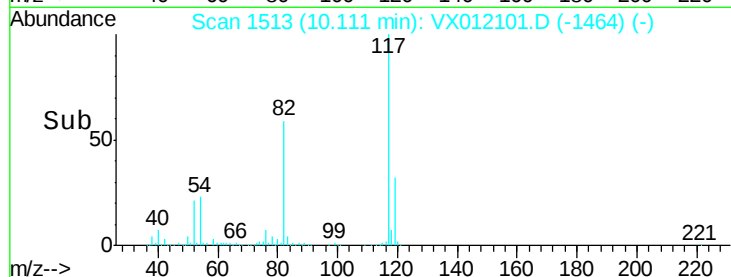
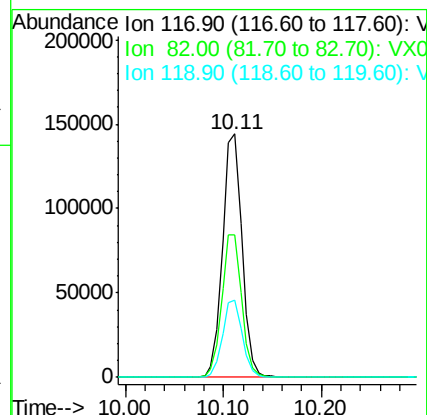
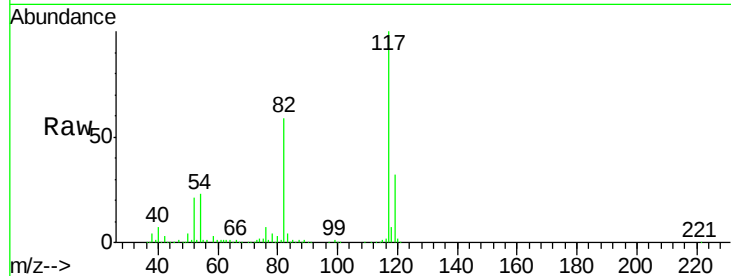




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012101.D
Acq: 05 Sep 2019 15:19

Instrument :
MSVOA_X
ClientSampleId :
SB-7

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	39.4	59.0
119	31.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012101.D
Acq: 05 Sep 2019 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.4	36.4	109.3
150	161.3	0.0	341.2

