

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091219\
 Data File : VX012370.D
 Acq On : 13 Sep 2019 01:52
 Operator : SY/SP
 Sample : K4759-04
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-4-8

Quant Time: Sep 13 03:27:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	268101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115067	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	105925	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
35) Dibromofluoromethane	5.49	113	79241	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
50) Toluene-d8	8.71	98	319800	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
62) 4-Bromofluorobenzene	11.14	95	127095	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	

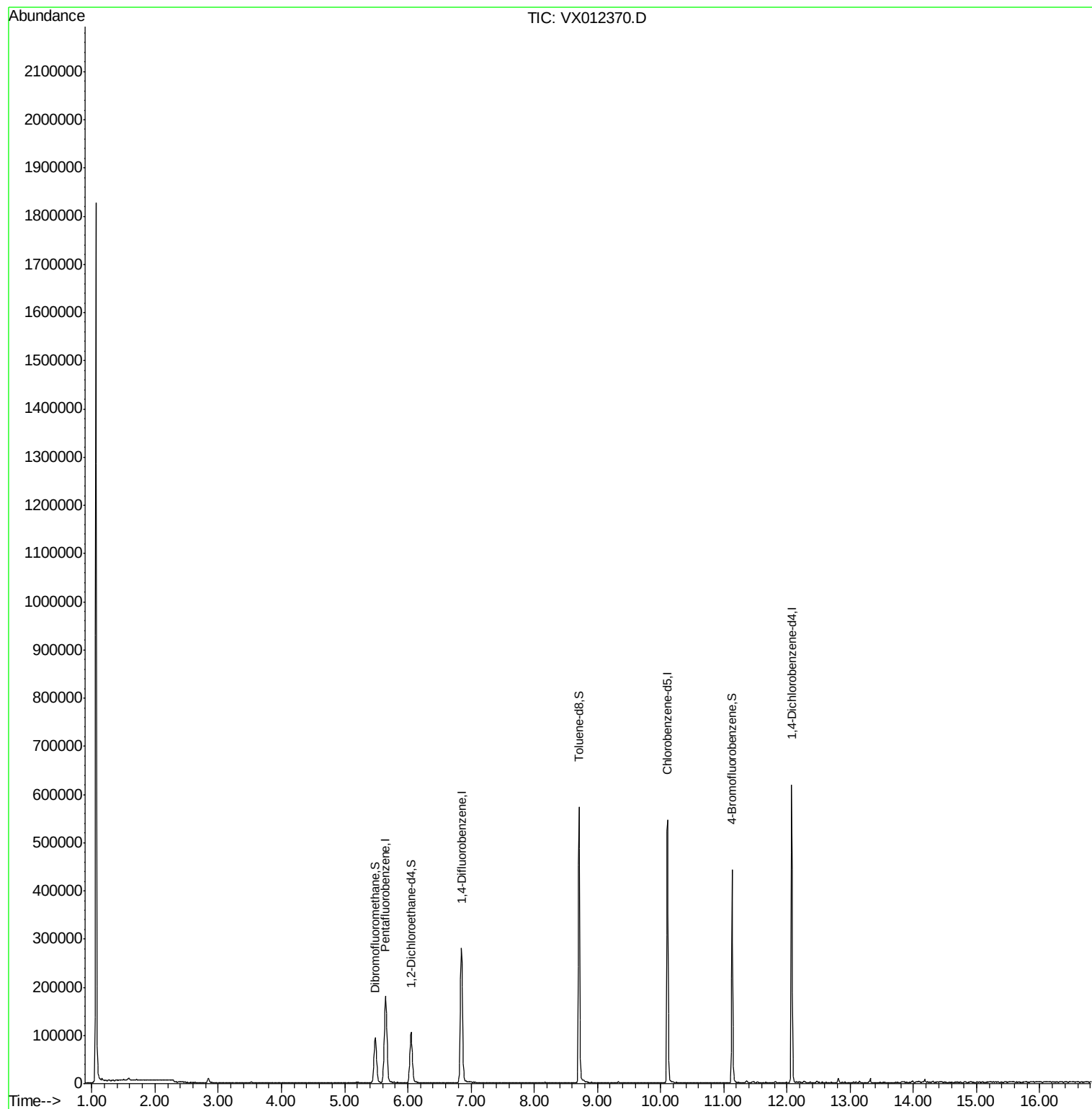
Target Compounds	Qvalue

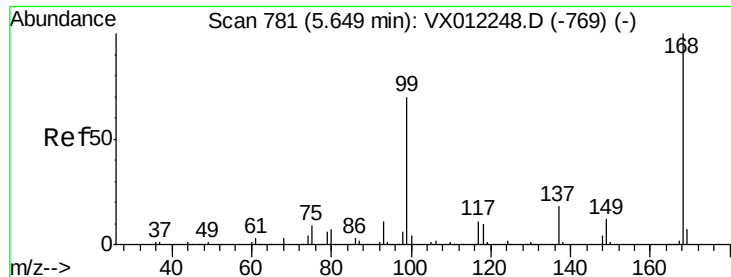
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012370.D

Acq: 13 Sep 2019 01:52

Instrument :

MSVOA_X

ClientSampled :

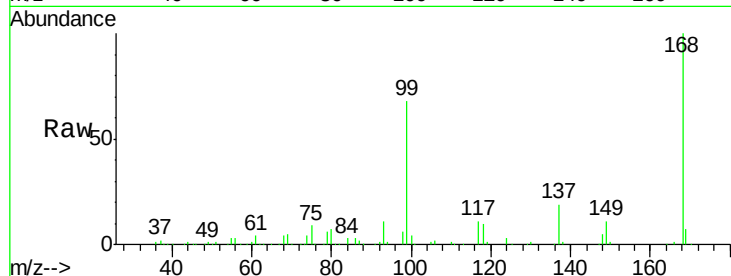
C-4-8

Tot Ion:168 Resp: 157890

Ion Ratio Lower Upper

168 100

99 67.5 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

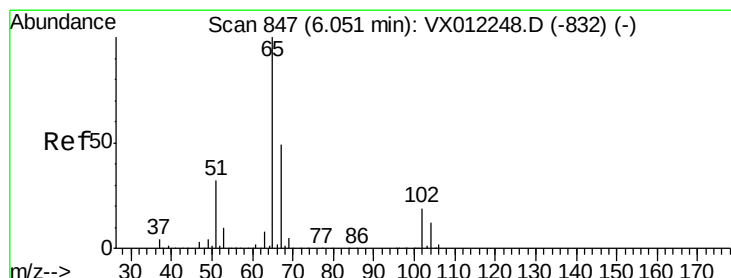
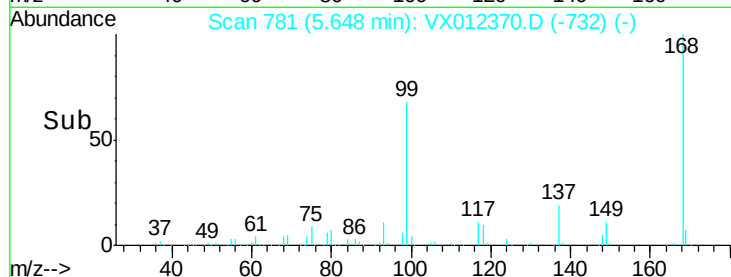
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.452 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012370.D

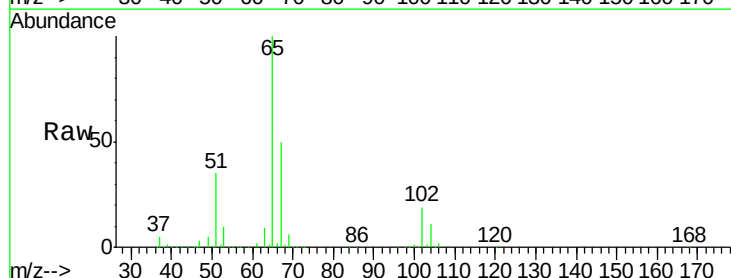
Acq: 13 Sep 2019 01:52

Tgt Ion: 65 Resp: 105925

Ion Ratio Lower Upper

65 100

67 48.8 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

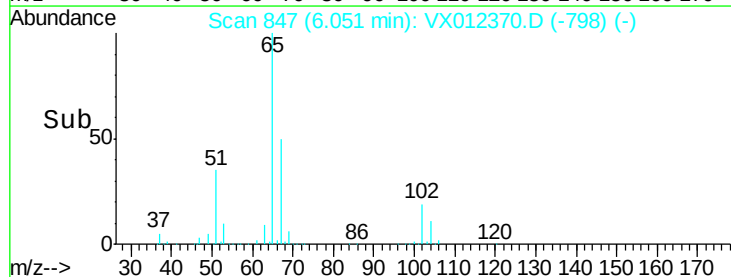
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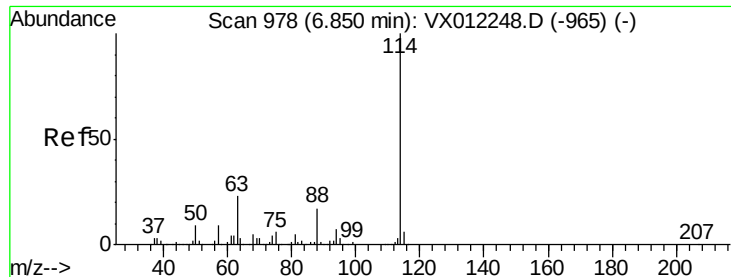
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

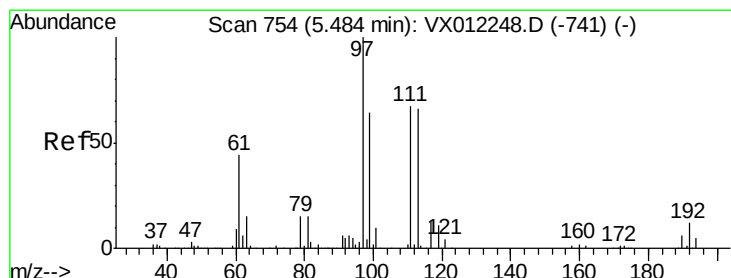
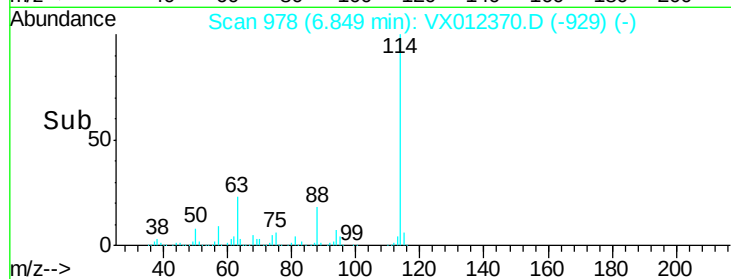
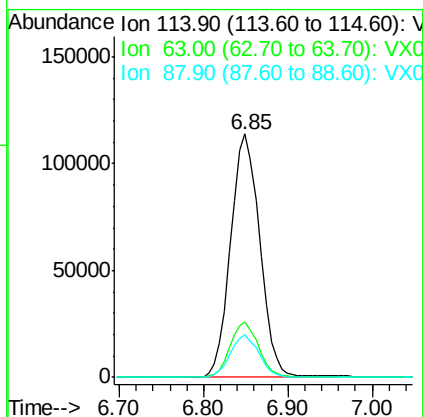
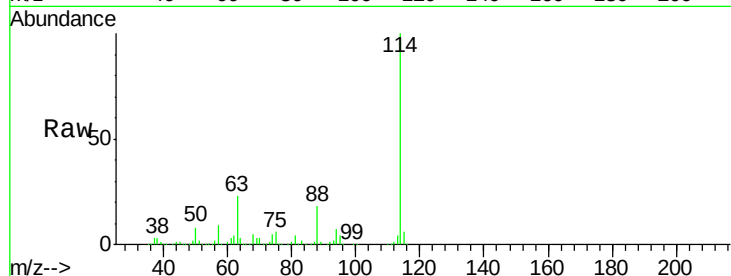




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012370.D
 Acq: 13 Sep 2019 01:52

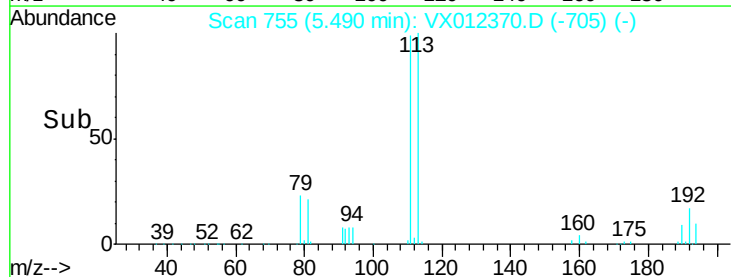
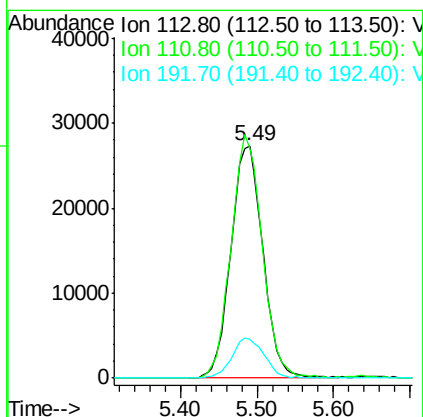
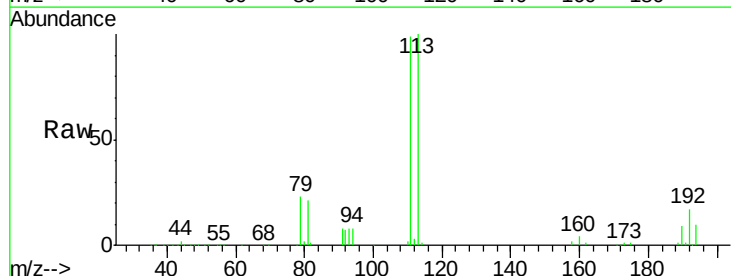
Instrument :
 MSVOA_X
 ClientSampled :
 C-4-8

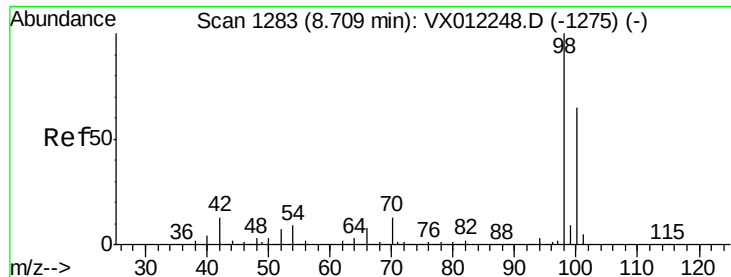
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.2
88	17.6	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 46.107 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX012370.D
 Acq: 13 Sep 2019 01:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.6
192	17.6	14.3	21.5

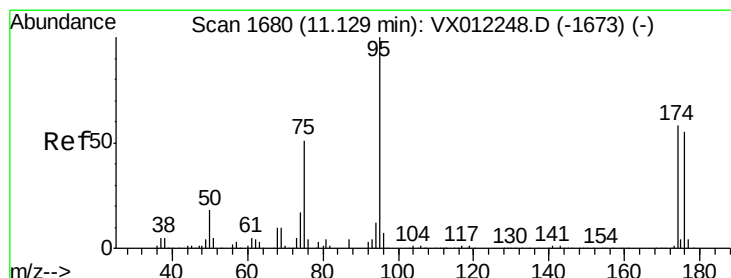
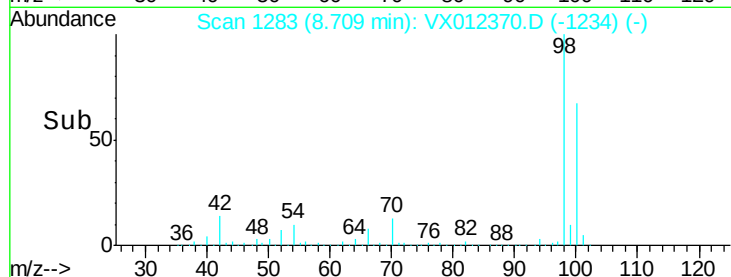
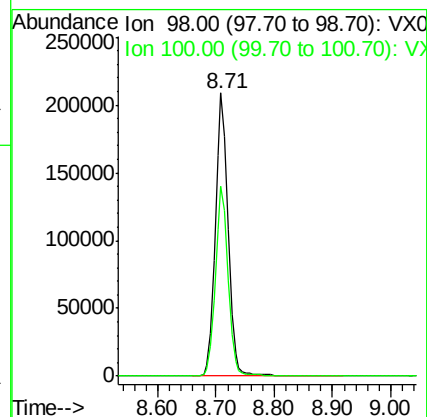
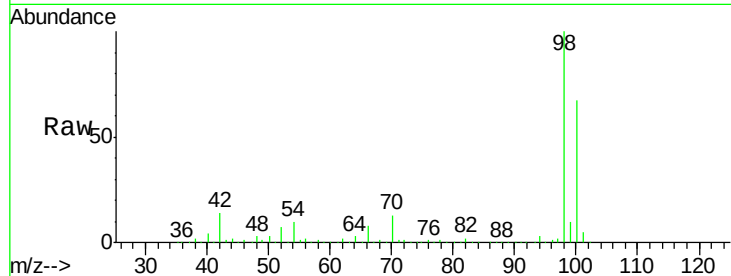




#50
Toluene-d8
Concen: 53.053 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012370.D
Acq: 13 Sep 2019 01:52

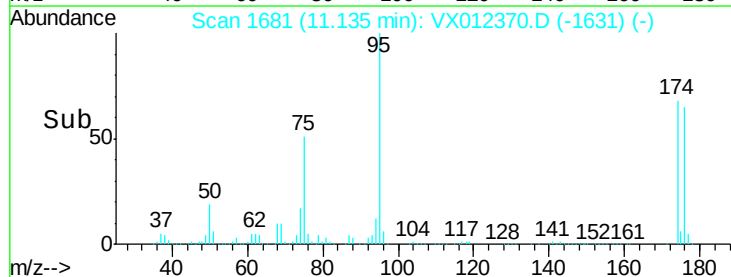
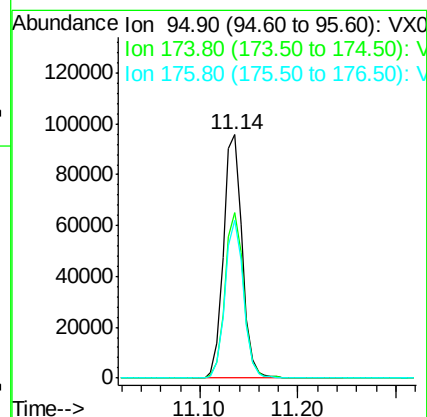
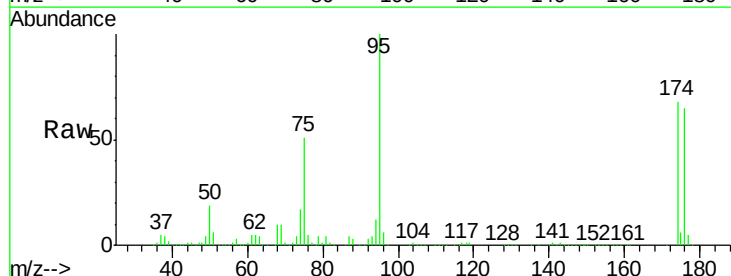
Instrument :
MSVOA_X
ClientSampleId :
C-4-8

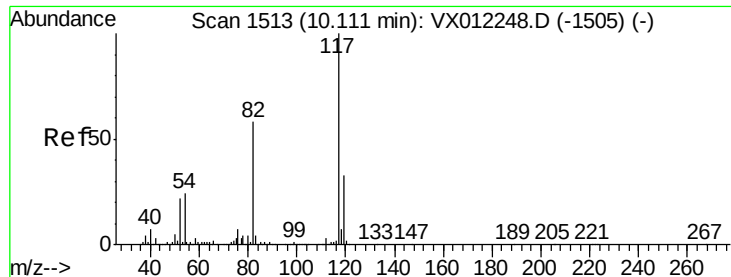
Tot Ion: 98 Resp: 319800
Ion Ratio Lower Upper
98 100
100 66.8 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 45.480 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012370.D
Acq: 13 Sep 2019 01:52

Tgt Ion: 95 Resp: 127095
Ion Ratio Lower Upper
95 100
174 67.8 0.0 127.0
176 63.8 0.0 125.8

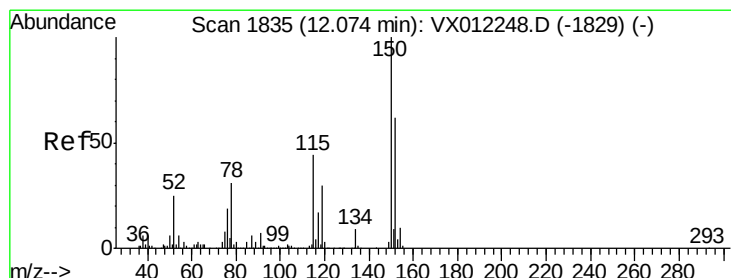
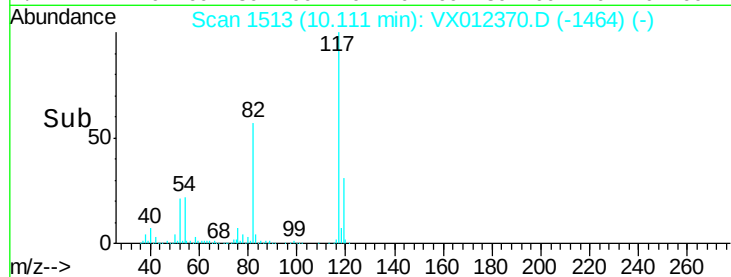
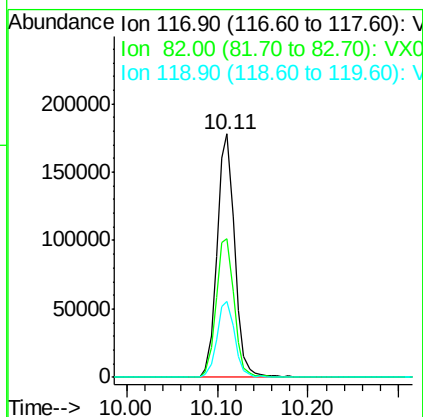
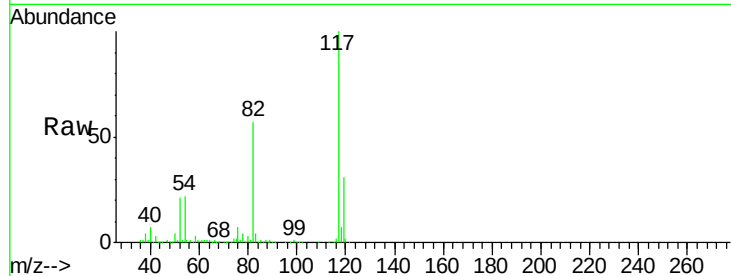




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012370.D
Acq: 13 Sep 2019 01:52

Instrument :
MSVOA_X
ClientSampleId :
C-4-8

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.4	69.6
119	31.2	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012370.D
Acq: 13 Sep 2019 01:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	45.5	136.4
150	156.8	0.0	346.4

