

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012287.D
 Acq On : 11 Sep 2019 06:52
 Operator : SY/SP
 Sample : K4680-18
 Misc : 5.21g/5.0mL/MSVOA X/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-4(0)

Quant Time: Sep 11 07:54:33 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	155267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	194839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	52064	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	107420	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	5.48	113	81842	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.71	98	305424	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	80848	29.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.14%	

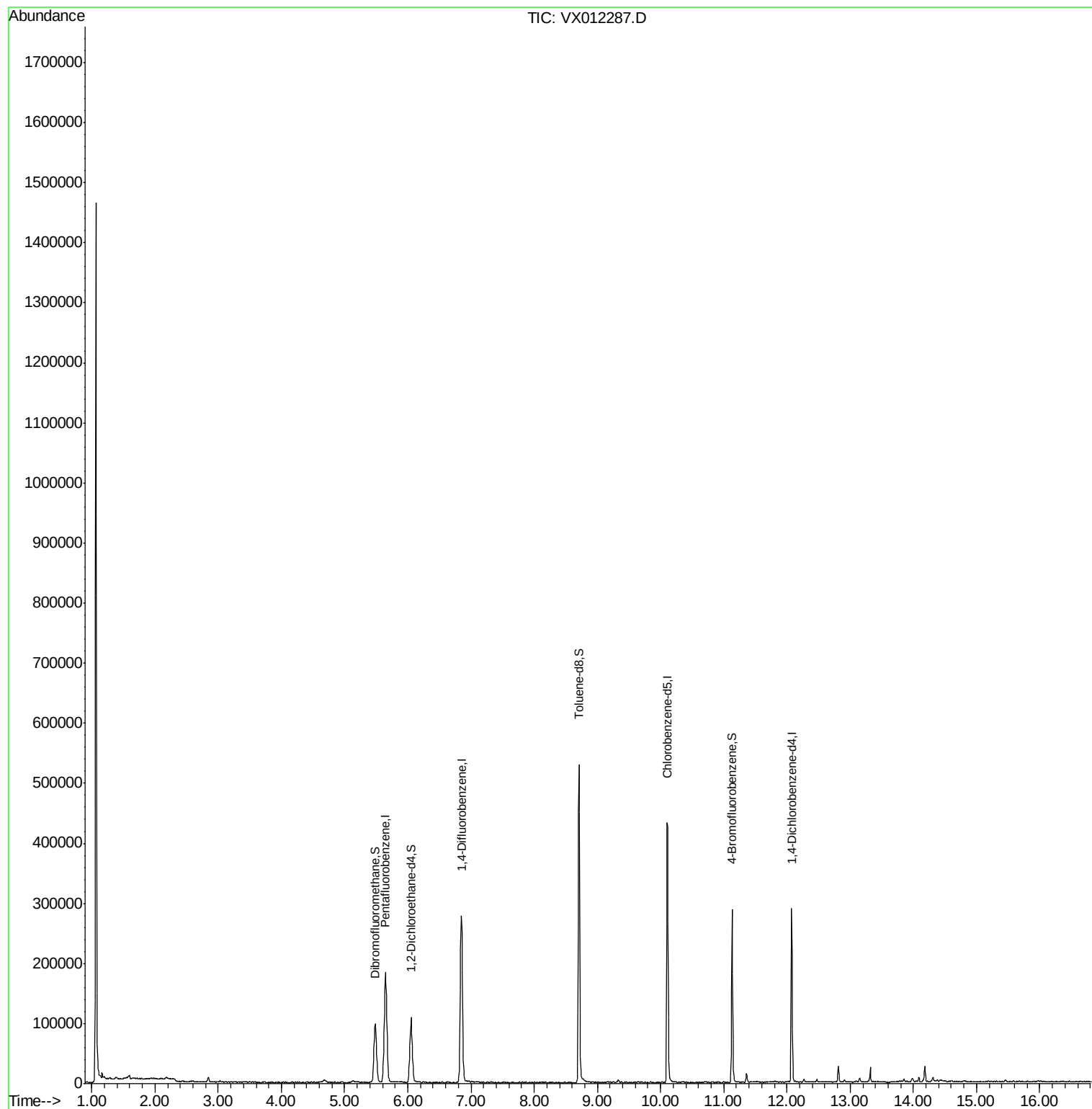
Target Compounds	Qvalue

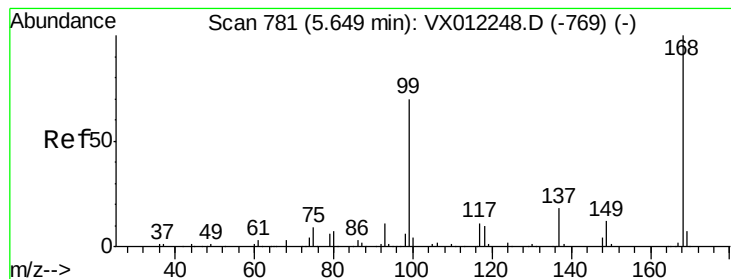
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012287.D

Acq: 11 Sep 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

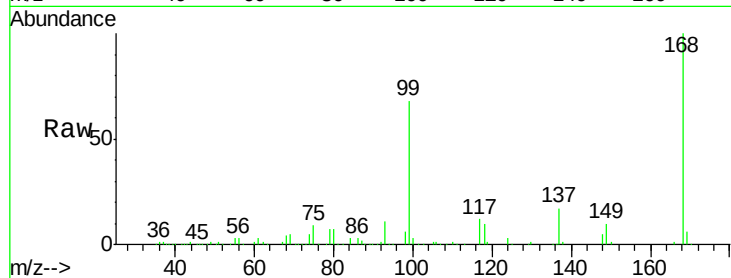
T3-4-(0)

Tot Ion:168 Resp: 155267

Ion Ratio Lower Upper

168 100

99 67.6 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

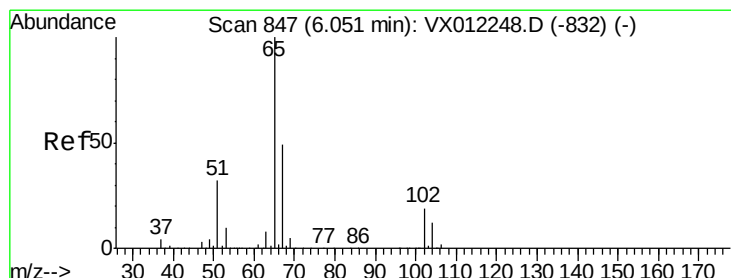
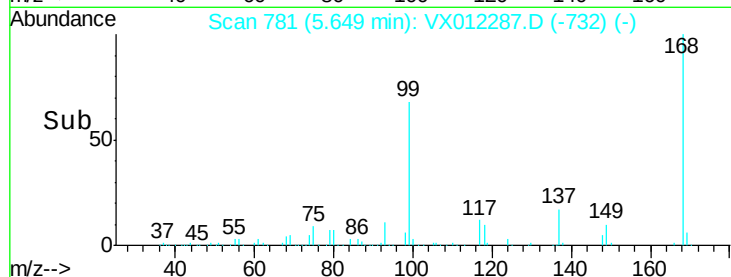
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.935 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012287.D

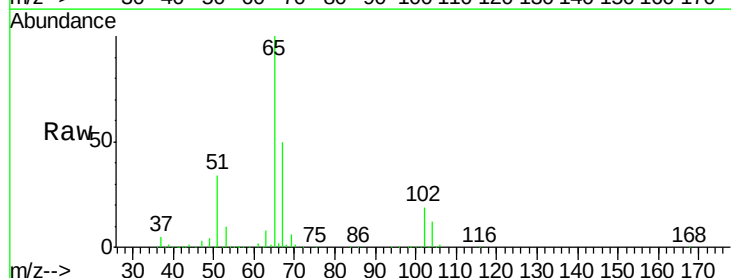
Acq: 11 Sep 2019 06:52

Tgt Ion: 65 Resp: 107420

Ion Ratio Lower Upper

65 100

67 49.5 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

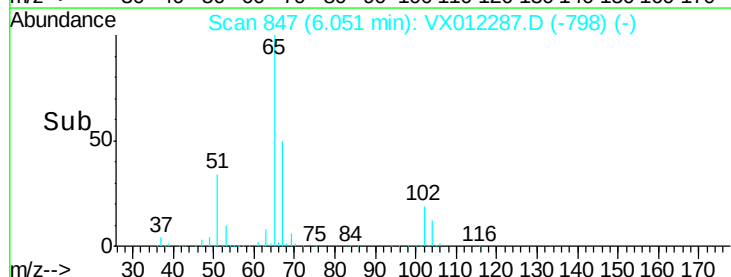
30000

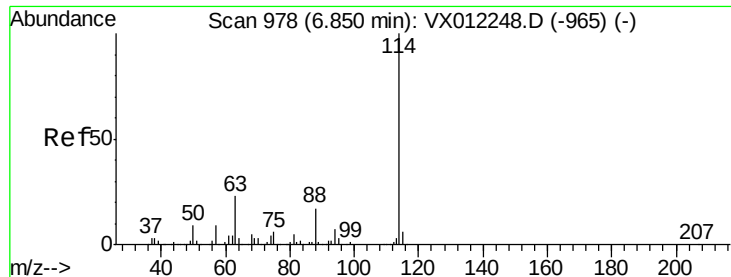
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

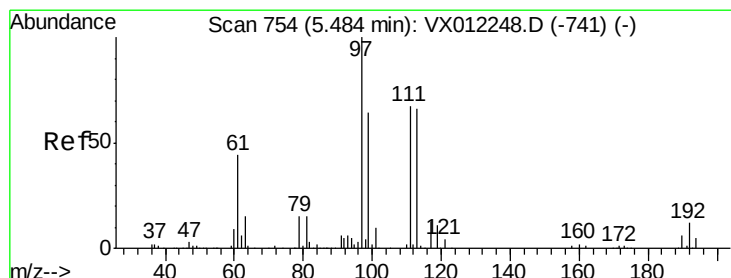
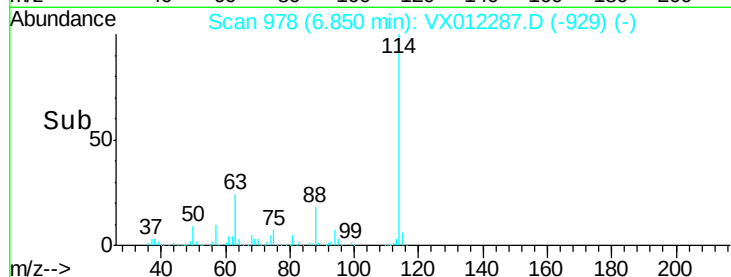
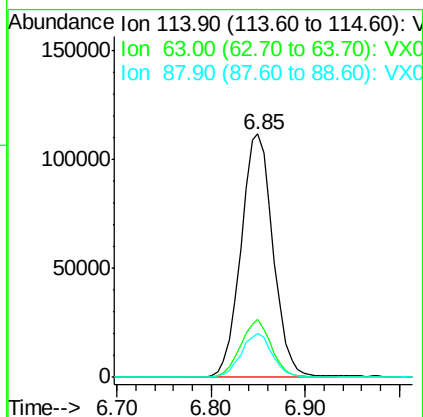
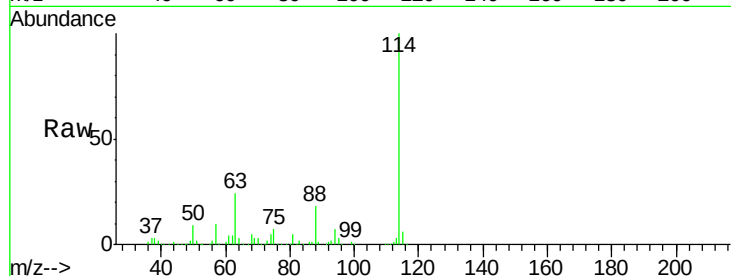




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012287.D
 Acq: 11 Sep 2019 06:52

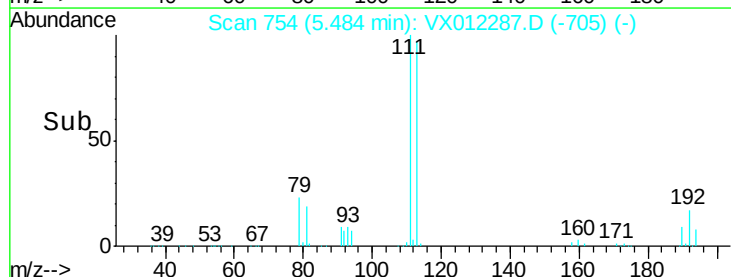
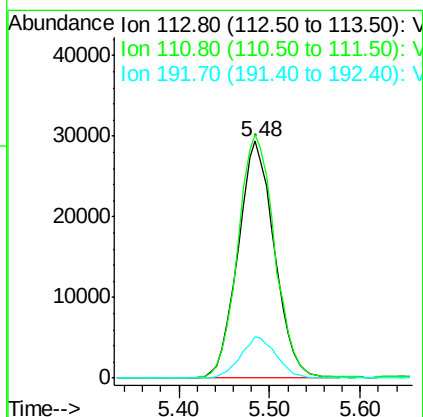
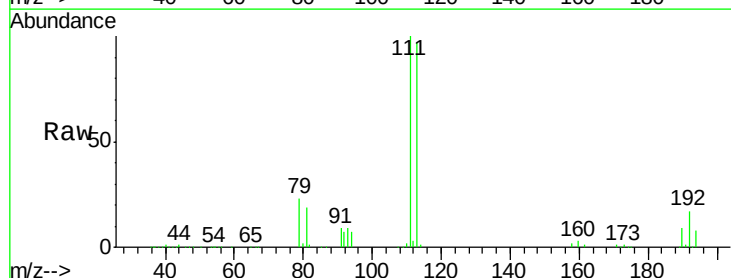
Instrument :
 MSVOA_X
 ClientSampled :
 T3-4-(0)

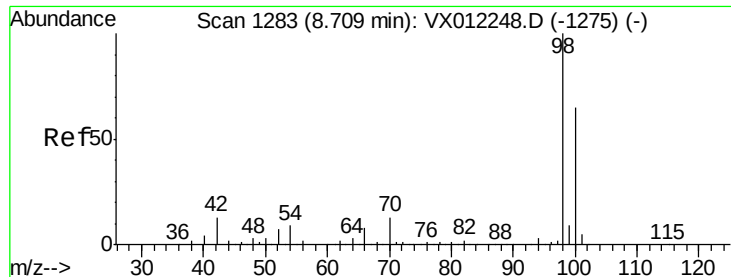
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	45.2
88	17.8	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 47.850 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012287.D
 Acq: 11 Sep 2019 06:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.0	124.6
192	17.0	14.3	21.5

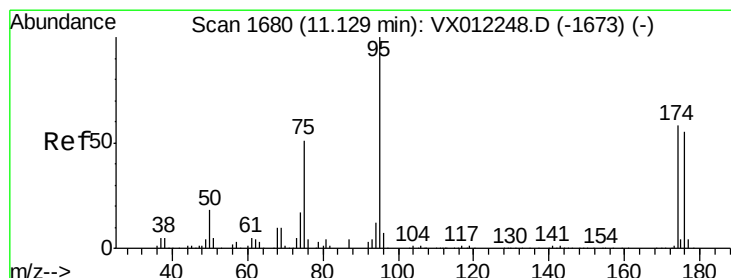
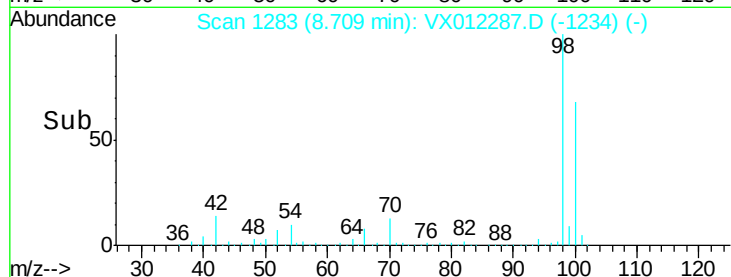
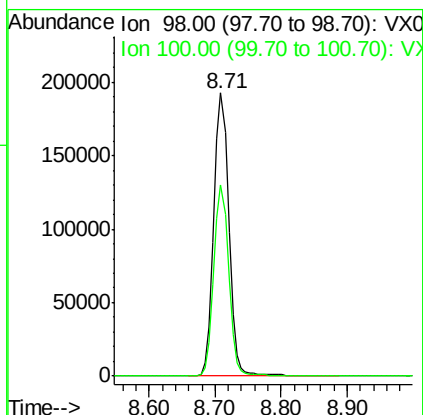
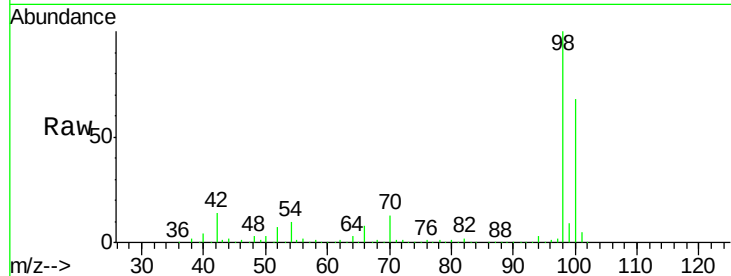




#50
Toluene-d8
Concen: 50.913 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012287.D
Acq: 11 Sep 2019 06:52

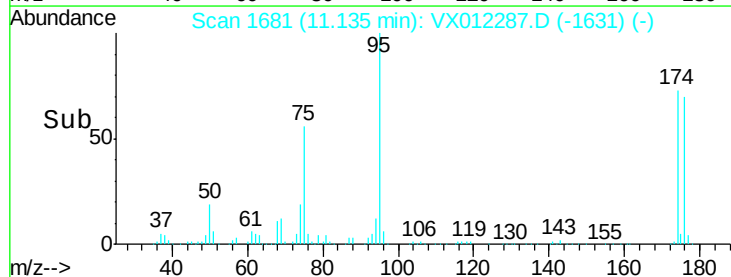
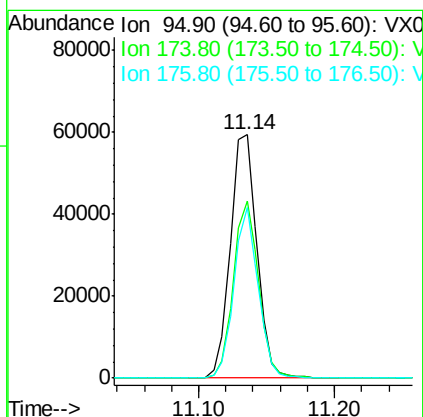
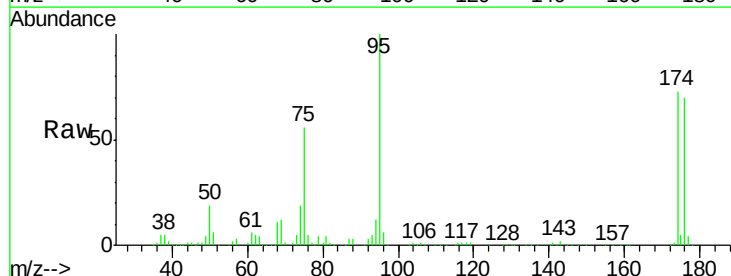
Instrument :
MSVOA_X
ClientSampled :
T3-4-(0)

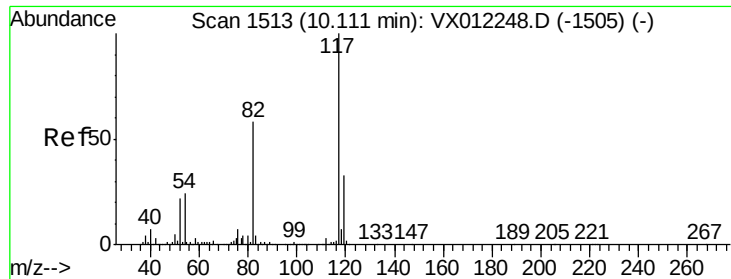
Tot Ion: 98 Resp: 305424
Ion Ratio Lower Upper
98 100
100 66.7 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 29.071 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012287.D
Acq: 11 Sep 2019 06:52

Tgt Ion: 95 Resp: 80848
Ion Ratio Lower Upper
95 100
174 69.1 0.0 127.0
176 64.1 0.0 125.8

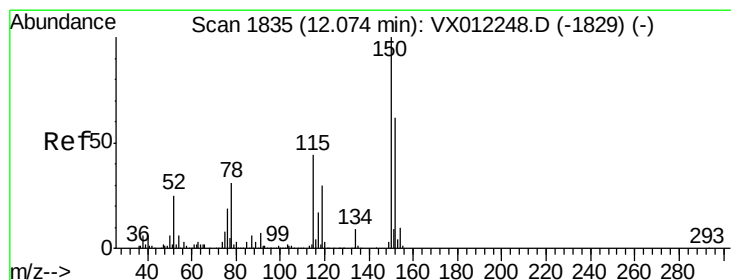
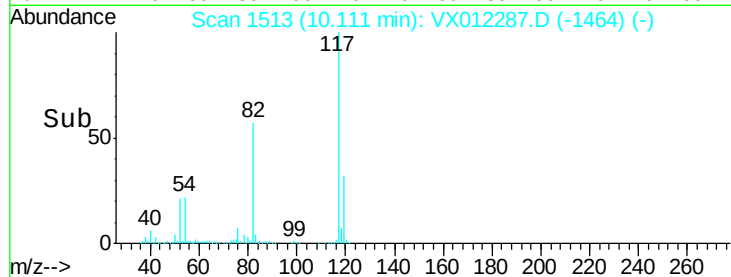
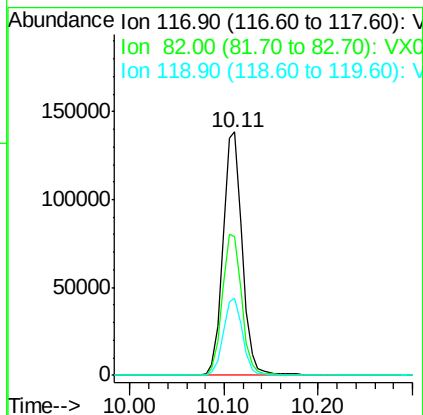
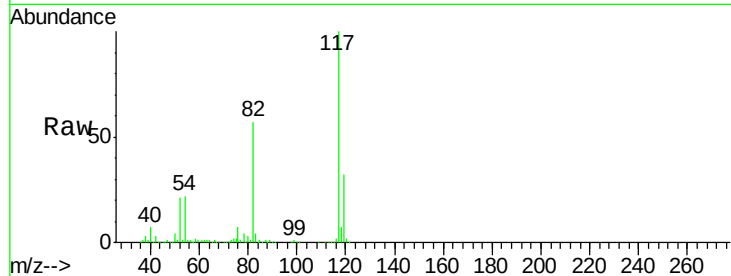




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012287.D
Acq: 11 Sep 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
T3-4-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	46.4	69.6
119	31.8	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: VX012287.D
Acq: 11 Sep 2019 06:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.9	45.5	136.4
150	162.1	0.0	346.4

