

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO091219\
 Data File : VX012349.D
 Acq On : 12 Sep 2019 15:58
 Operator : SY/SP
 Sample : K4694-12
 Misc : 7.95g/5.0mL/MSVOA X/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-1-(1.5)

Quant Time: Sep 13 02:12:45 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	157324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	267594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106140	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	106778	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
35) Dibromofluoromethane	5.49	113	80276	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
50) Toluene-d8	8.71	98	317705	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	11.14	95	121845	43.68	ug/l	0.00
Spiked Amount			Recovery	=	87.36%	

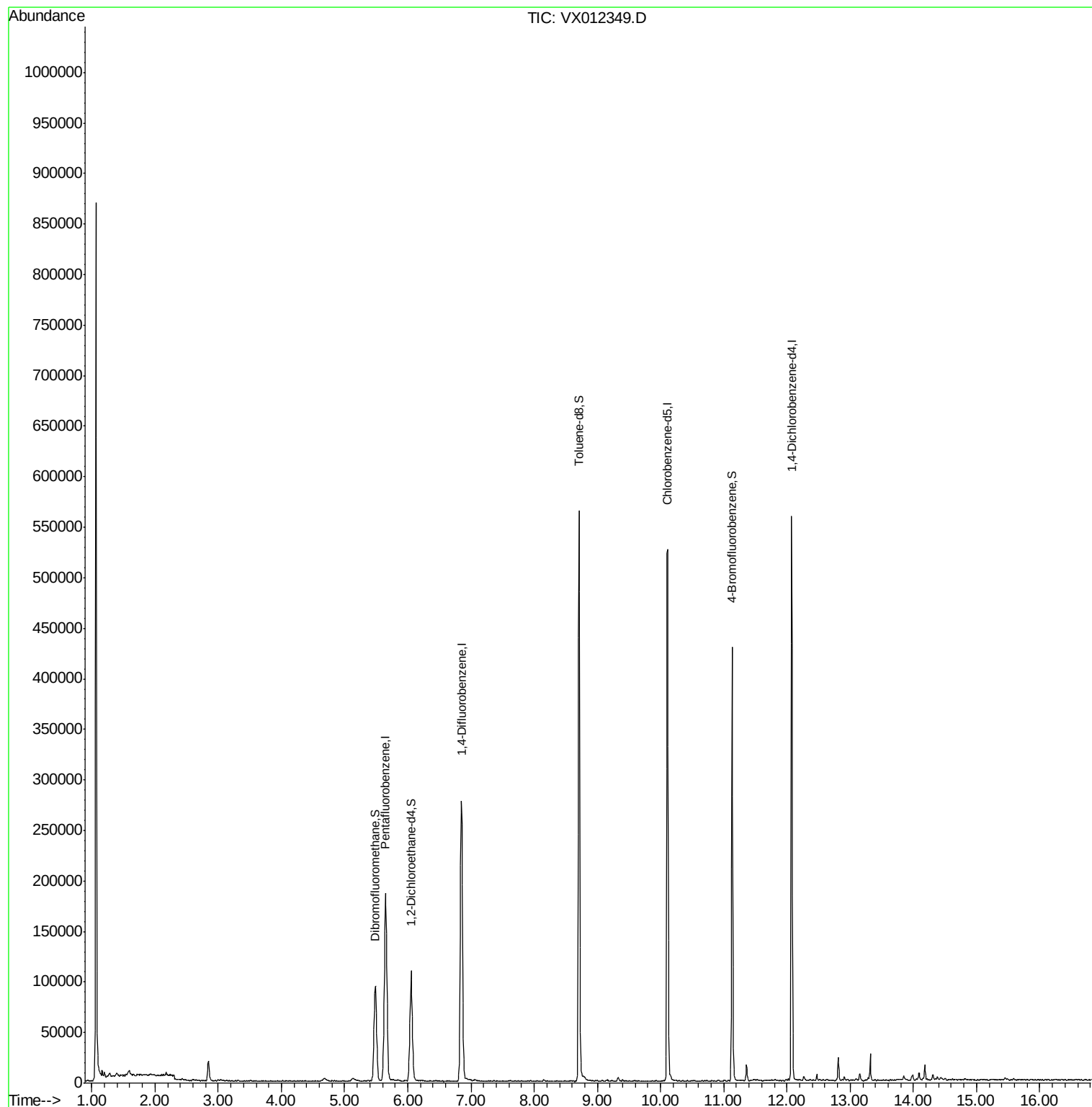
Target Compounds	Qvalue
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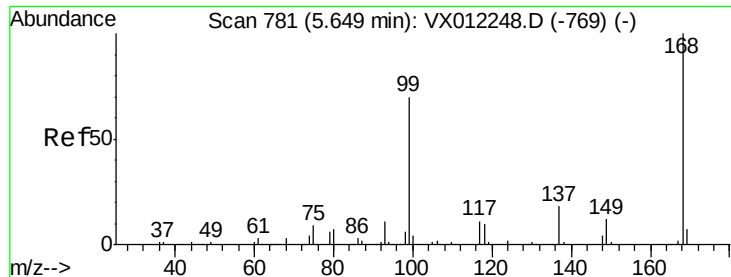
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012349.D

Acq: 12 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

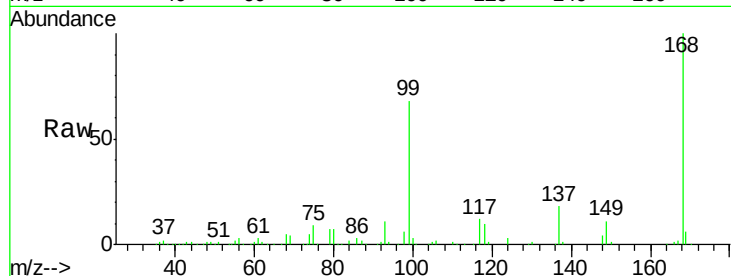
T2-1-(1.5)

Tot Ion:168 Resp: 157324

Ion Ratio Lower Upper

168 100

99 68.4 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

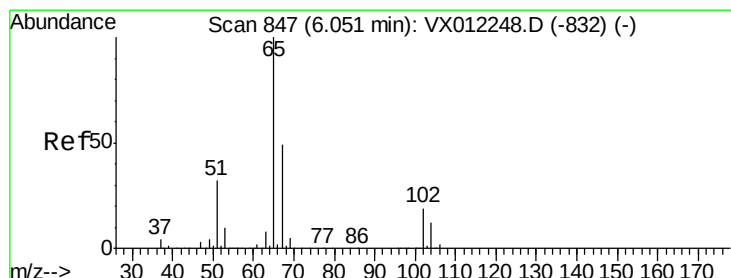
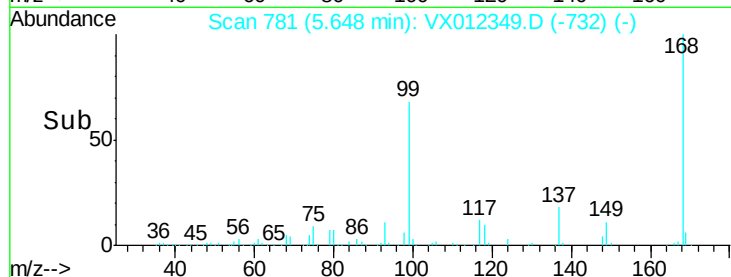
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 48.006 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012349.D

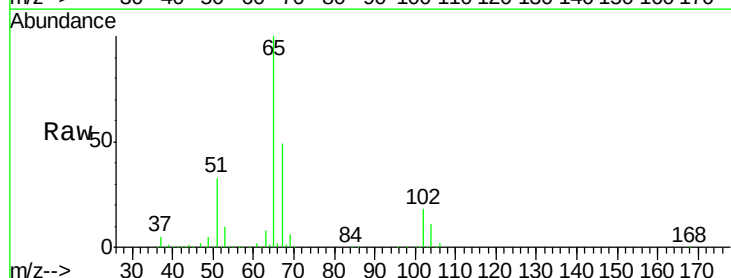
Acq: 12 Sep 2019 15:58

Tgt Ion: 65 Resp: 106778

Ion Ratio Lower Upper

65 100

67 51.1 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

50000

40000

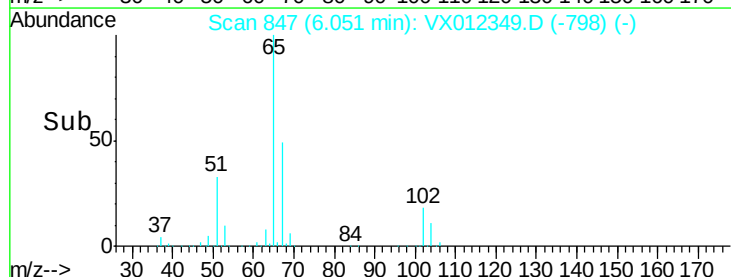
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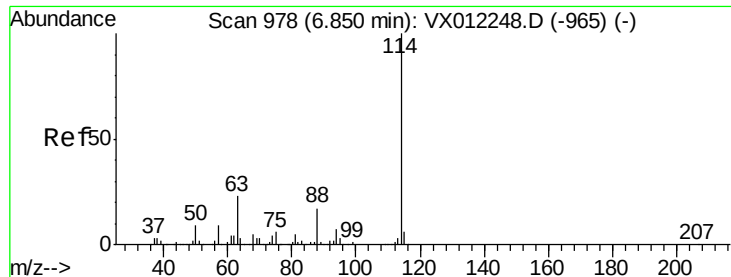
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

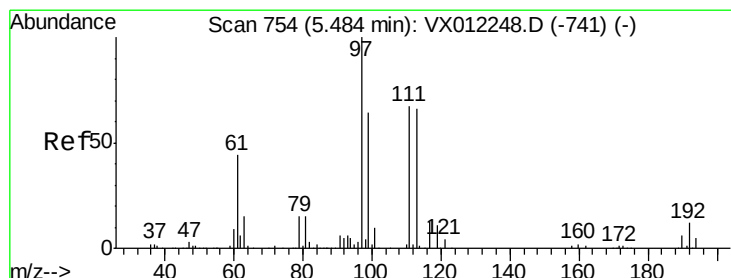
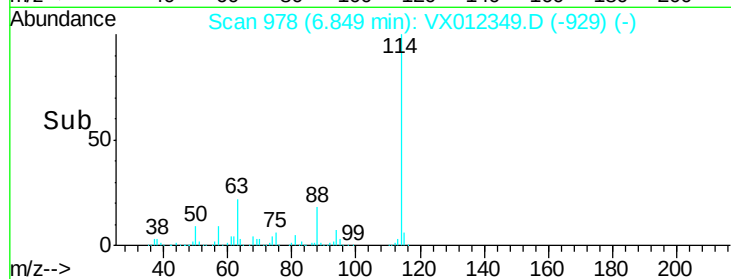
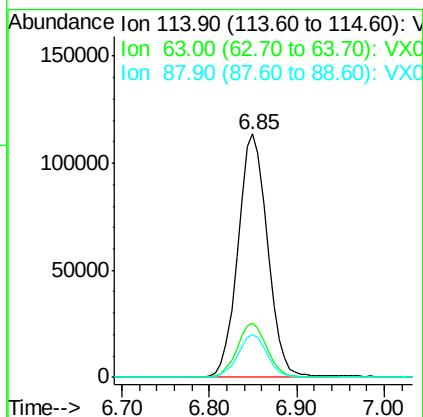
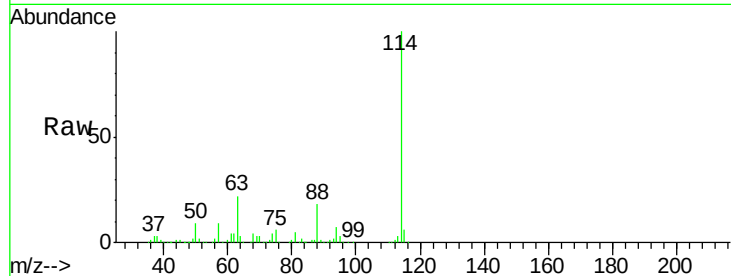




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012349.D
 Acq: 12 Sep 2019 15:58

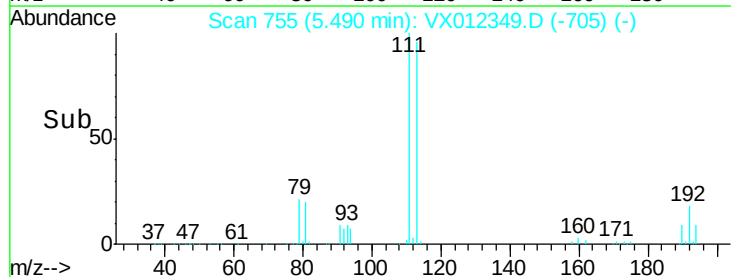
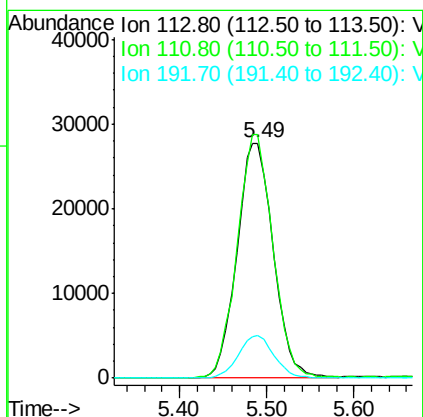
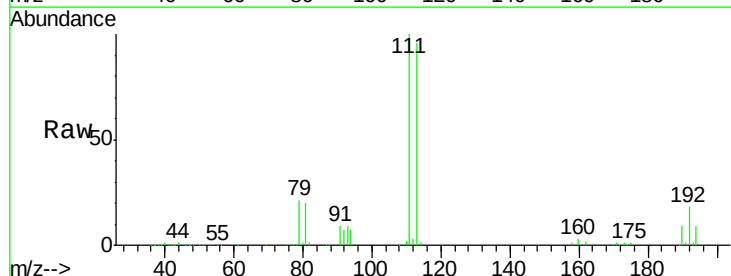
Instrument :
 MSVOA_X
 ClientSampleId :
 T2-1-(1.5)

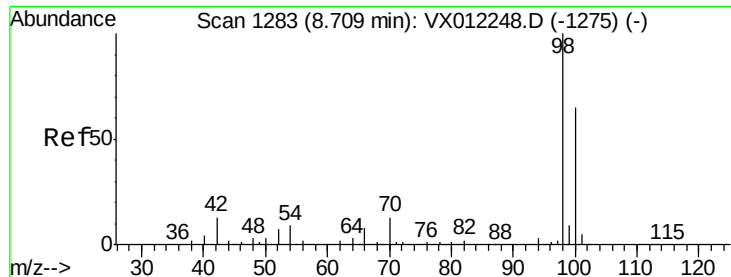
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.2
88	17.5	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 46.797 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX012349.D
 Acq: 12 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.6
192	17.9	14.3	21.5

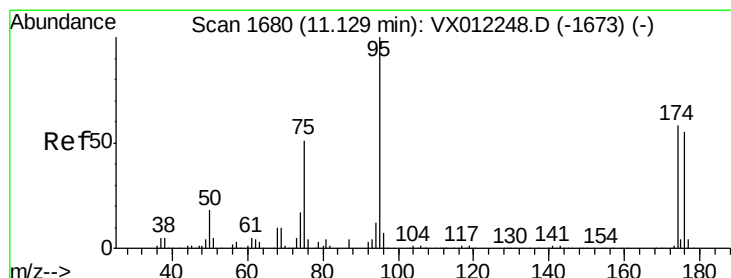
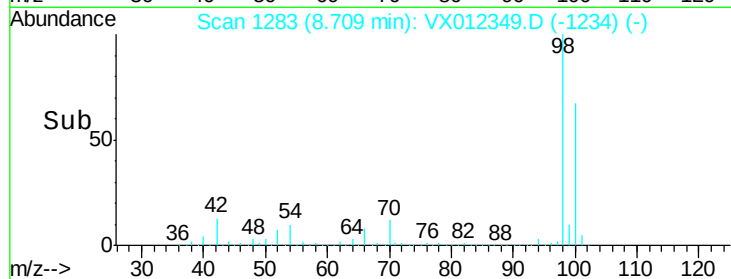
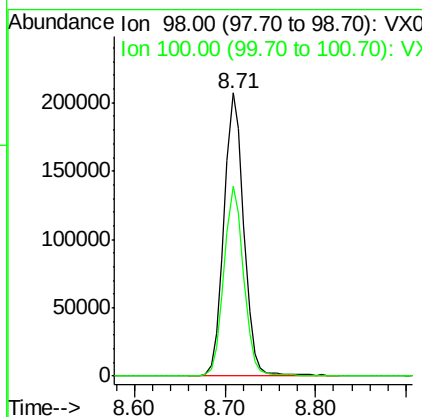
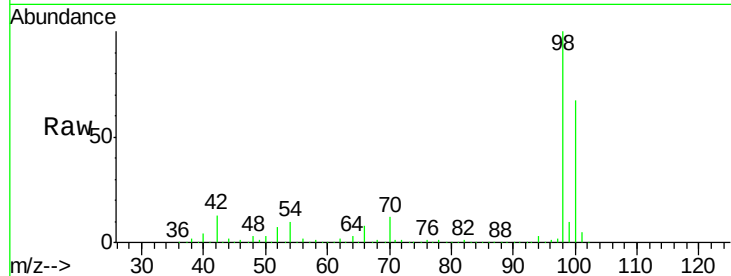




#50
Toluene-d8
Concen: 52.806 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012349.D
Acq: 12 Sep 2019 15:58

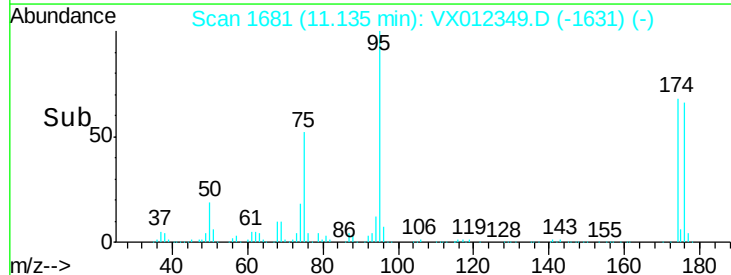
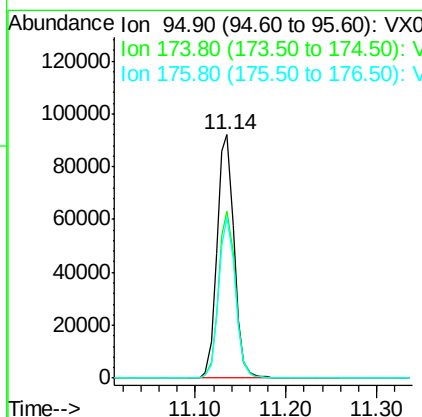
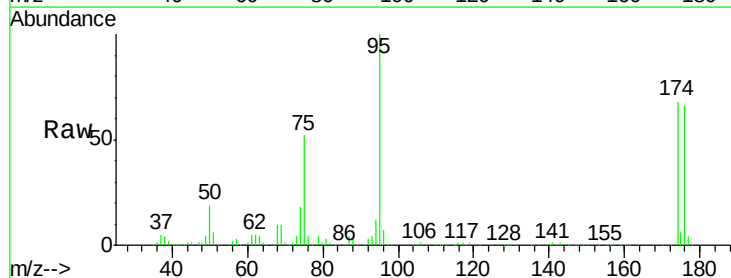
Instrument :
MSVOA_X
ClientSampleId :
T2-1-(1.5)

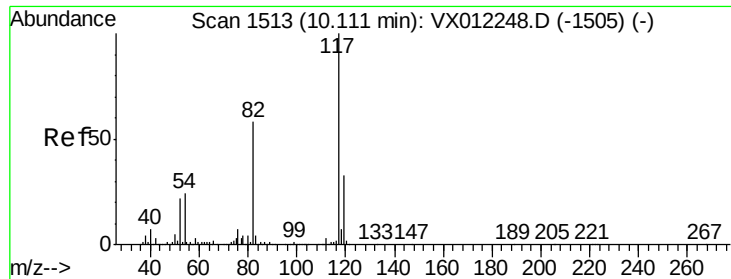
Tot Ion: 98 Resp: 317705
Ion Ratio Lower Upper
98 100
100 66.7 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 43.684 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012349.D
Acq: 12 Sep 2019 15:58

Tgt Ion: 95 Resp: 121845
Ion Ratio Lower Upper
95 100
174 68.0 0.0 127.0
176 64.5 0.0 125.8

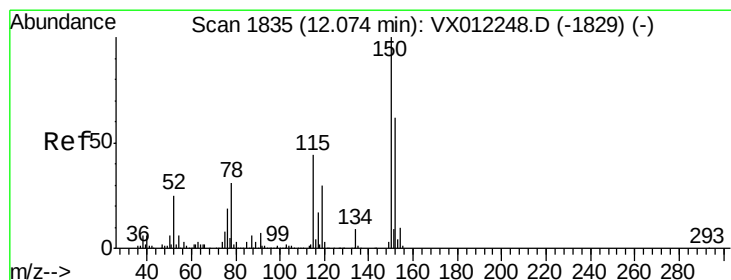
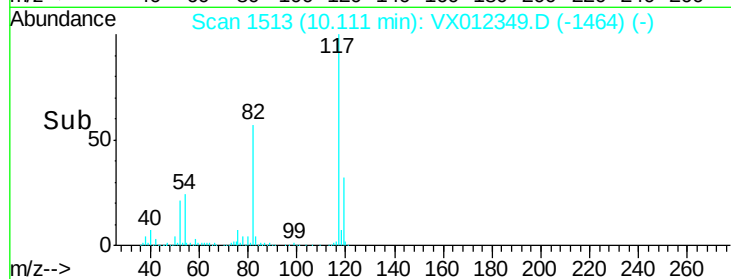
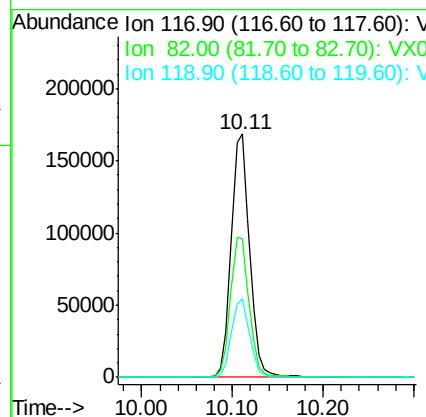
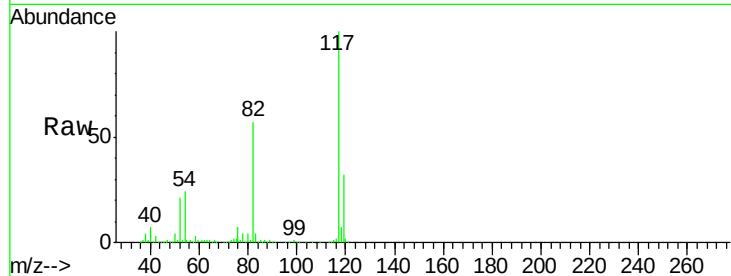




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012349.D
Acq: 12 Sep 2019 15:58

Instrument :
MSVOA_X
ClientSampleId :
T2-1-(1.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.4	69.6
119	32.1	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: VX012349.D
Acq: 12 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	45.5	136.4
150	155.5	0.0	346.4

