

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012335.D
 Acq On : 12 Sep 2019 07:26
 Operator : SY/SP
 Sample : K4694-20
 Misc : 3.98g/5.0mL/MSVOA X/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-1-(0)

Quant Time: Sep 12 08:49:09 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	138094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245740	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	181175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	59379	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	104322	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
35) Dibromofluoromethane	5.48	113	77400	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.71	98	264623	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.13	95	84917	33.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.30%	

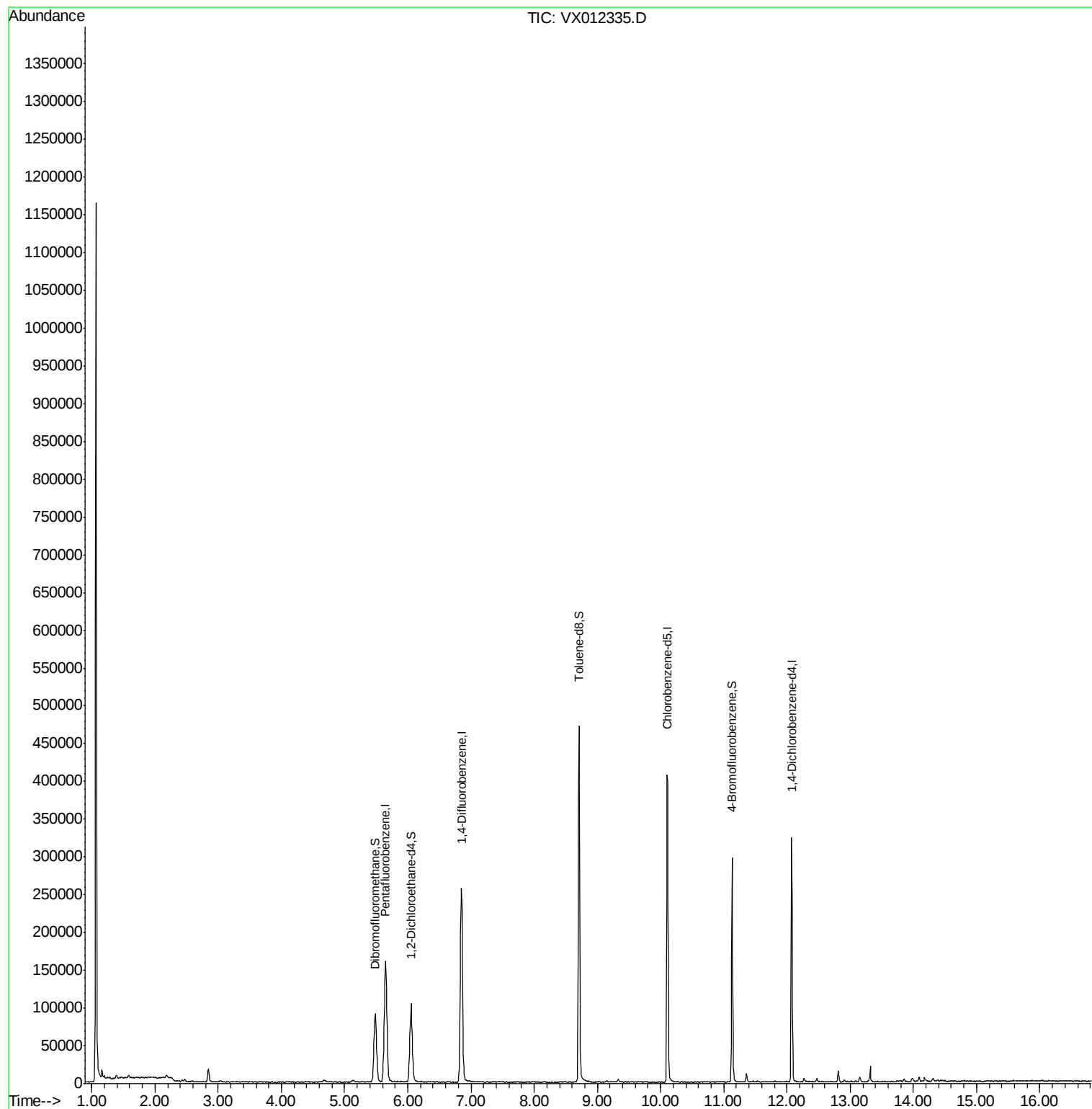
Target Compounds	Qvalue

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

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QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012335.D

Acq: 12 Sep 2019 07:26

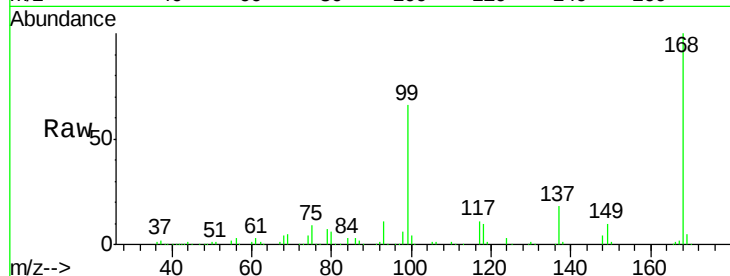
Instrument :
MSVOA_X
ClientSampled :
T3-1-(0)

Tot Ion:168 Resp: 138094

Ion Ratio Lower Upper

168 100

99 65.5 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

50000

40000

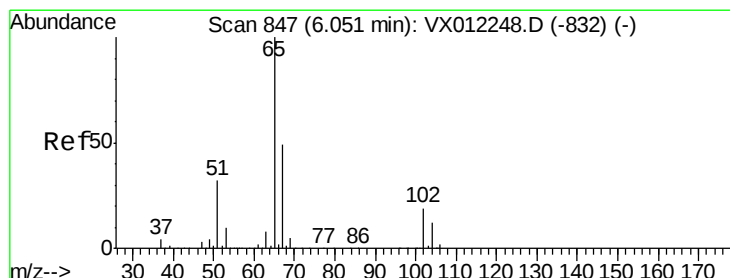
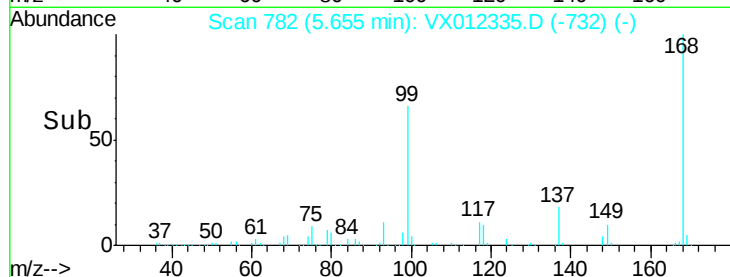
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.433 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012335.D

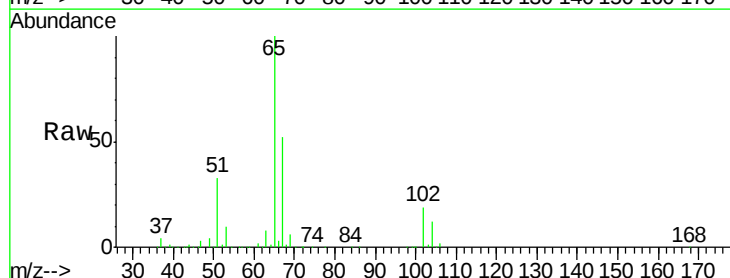
Acq: 12 Sep 2019 07:26

Tgt Ion: 65 Resp: 104322

Ion Ratio Lower Upper

65 100

67 49.8 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

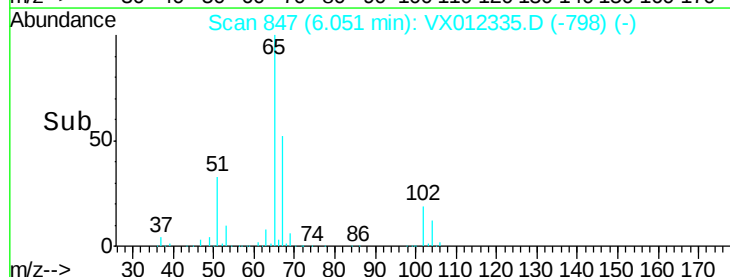
30000

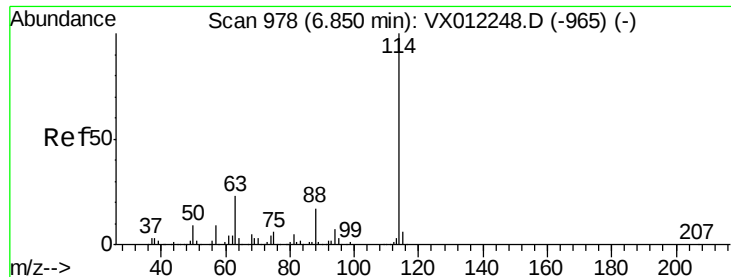
20000

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: VX012335.D

Acq: 12 Sep 2019 07:26

Instrument :

MSVOA_X

ClientSampled :

T3-1-(0)

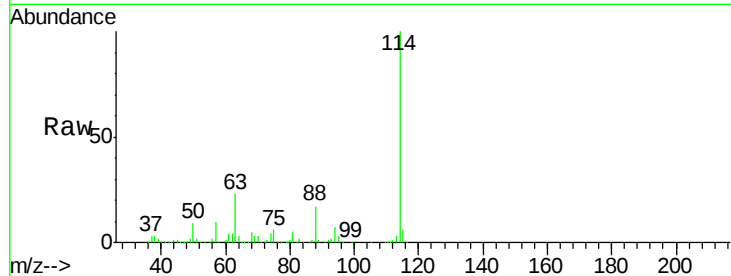
Tot Ion:114 Resp: 245740

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.2

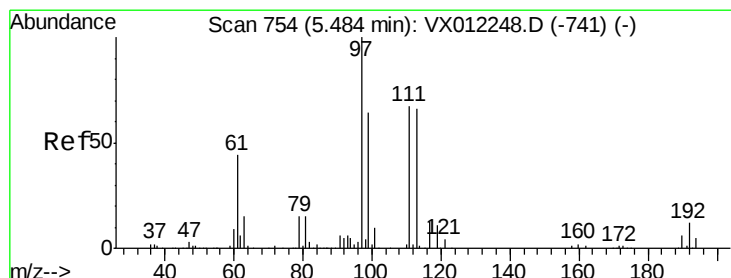
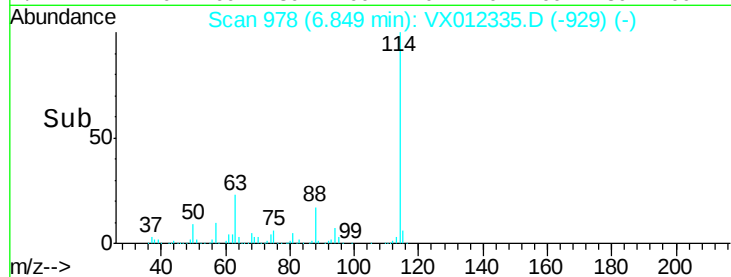
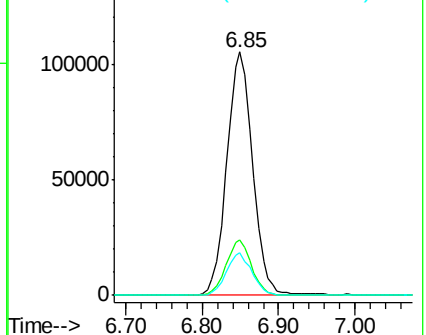
88 17.4 0.0 34.8



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: 49.133 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012335.D

Acq: 12 Sep 2019 07:26

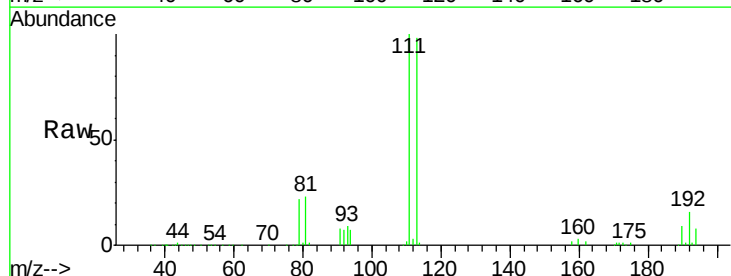
Tgt Ion:113 Resp: 77400

Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.6

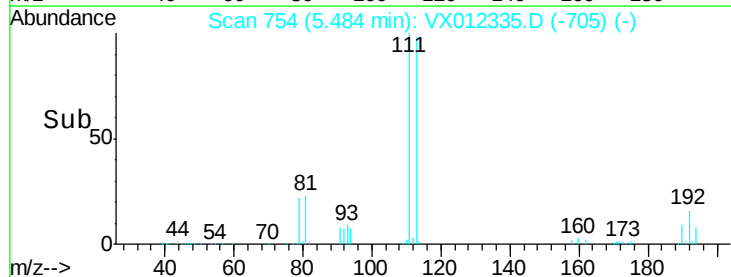
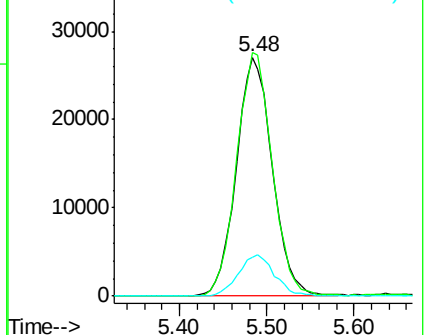
192 17.4 14.3 21.5

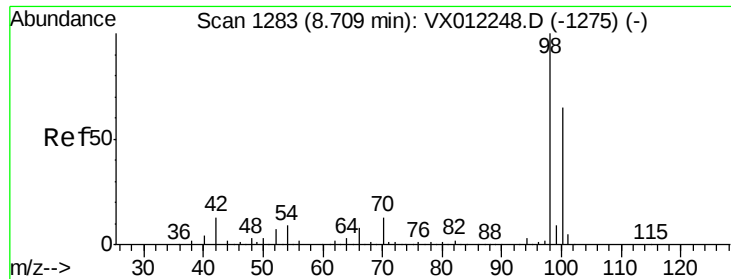


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

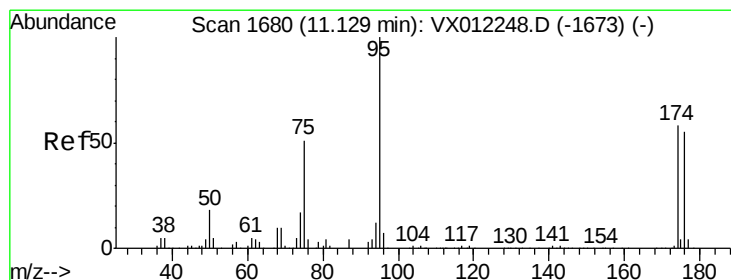
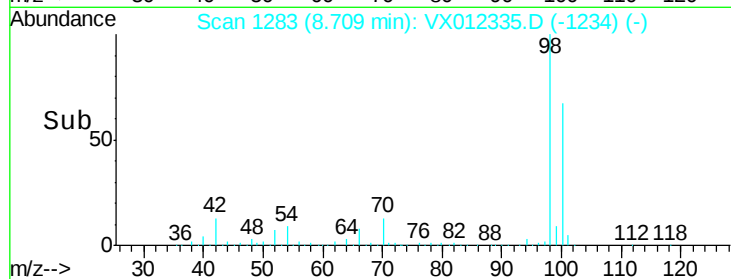
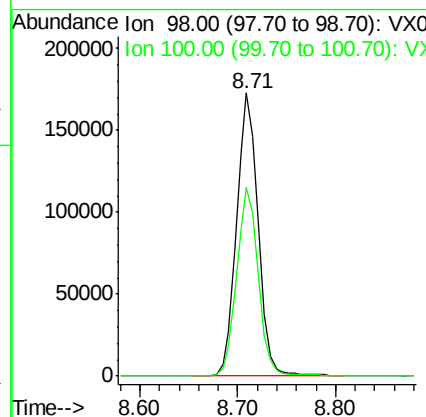
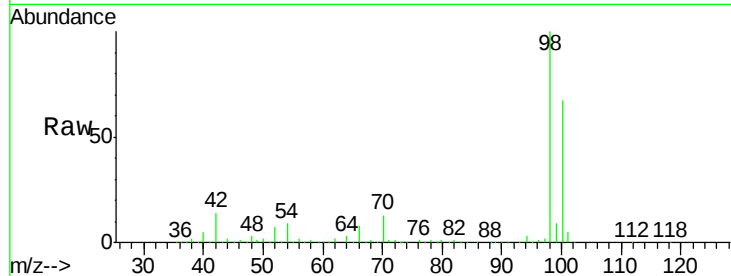




#50
Toluene-d8
Concen: 47.894 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012335.D
Acq: 12 Sep 2019 07:26

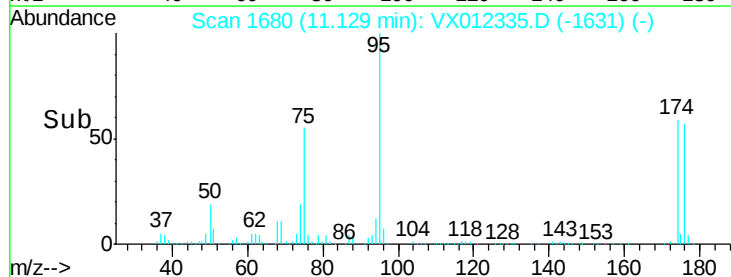
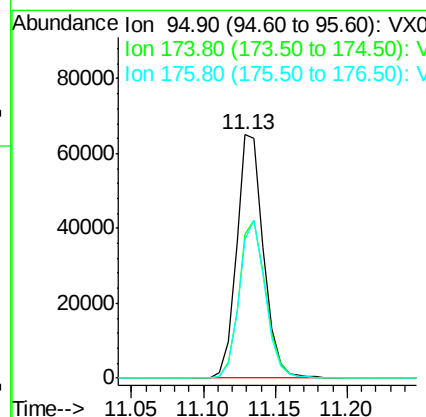
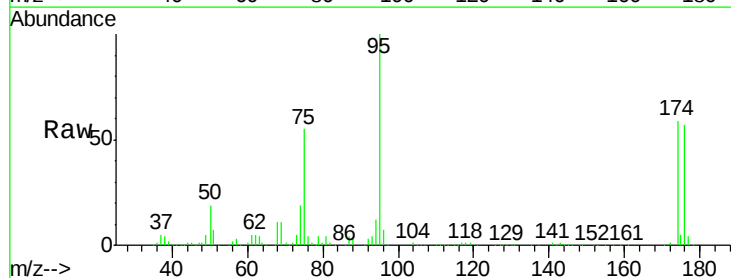
Instrument :
MSVOA_X
ClientSampleId :
T3-1-(0)

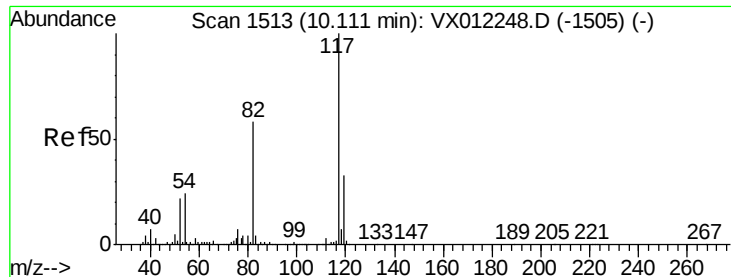
Tot Ion: 98 Resp: 264623
Ion Ratio Lower Upper
98 100
100 66.9 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 33.152 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX012335.D
Acq: 12 Sep 2019 07:26

Tgt Ion: 95 Resp: 84917
Ion Ratio Lower Upper
95 100
174 64.6 0.0 127.0
176 62.9 0.0 125.8

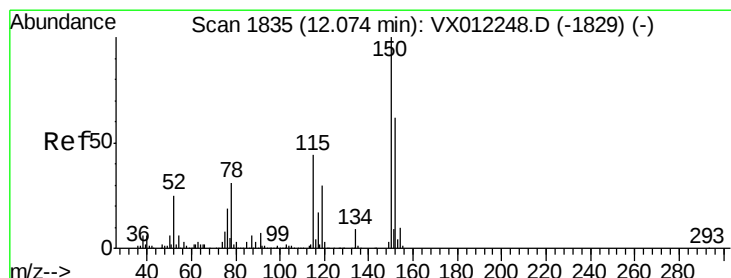
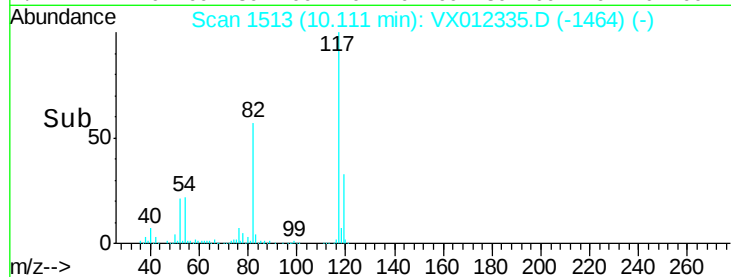
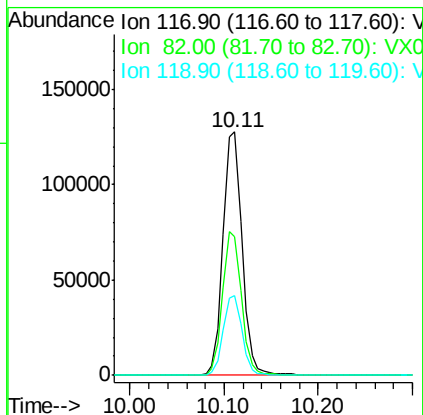
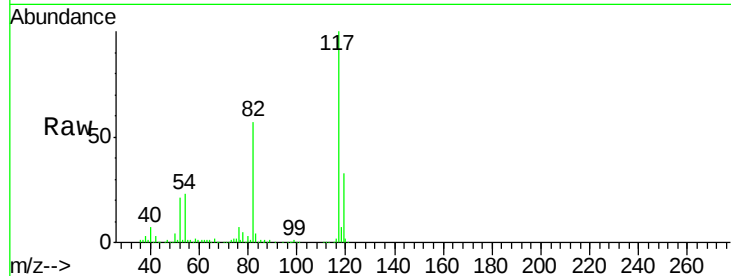




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012335.D
Acq: 12 Sep 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.4	69.6
119	32.7	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: VX012335.D
Acq: 12 Sep 2019 07:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.5	45.5	136.4
150	161.1	0.0	346.4

