

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091219\
 Data File : VX012359.D
 Acq On : 12 Sep 2019 20:43
 Operator : SY/SP
 Sample : K4752-09
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-12-9.5-10.0

Quant Time: Sep 13 02:30:41 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	157349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	117732	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	107871	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	5.48	113	82137	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
50) Toluene-d8	8.71	98	326175	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	11.14	95	130332	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	

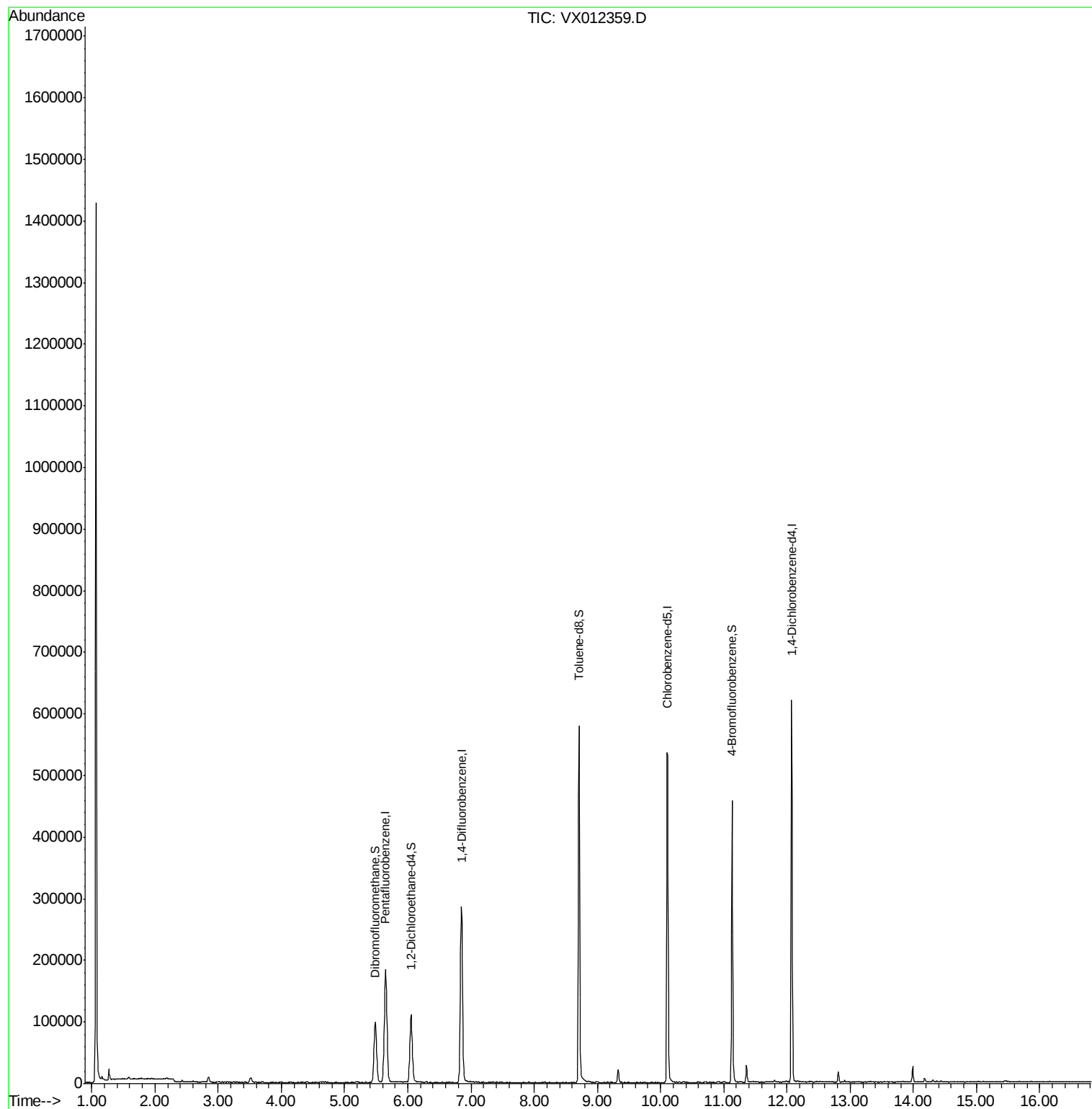
Target Compounds	Qvalue

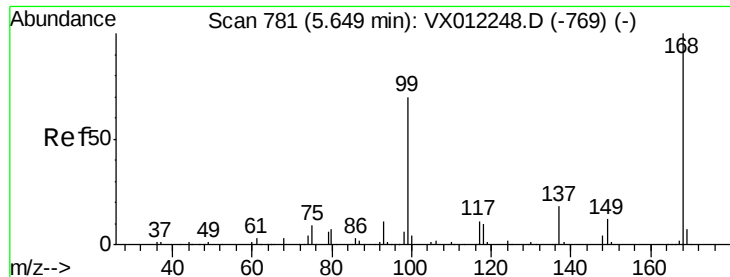
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091219\
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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: VX012359.D

Acq: 12 Sep 2019 20:43

Instrument :

MSVOA_X

ClientSampleId :

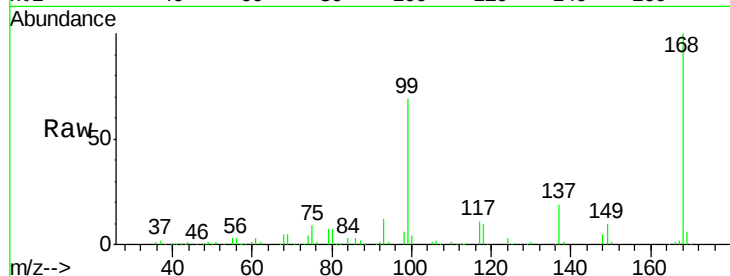
SB-12-9.5-10.0

Tot Ion:168 Resp: 157349

Ion Ratio Lower Upper

168 100

99 69.4 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

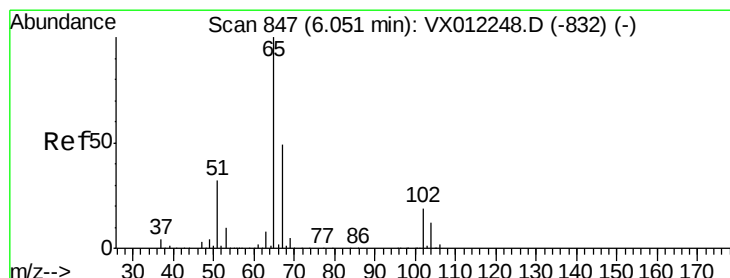
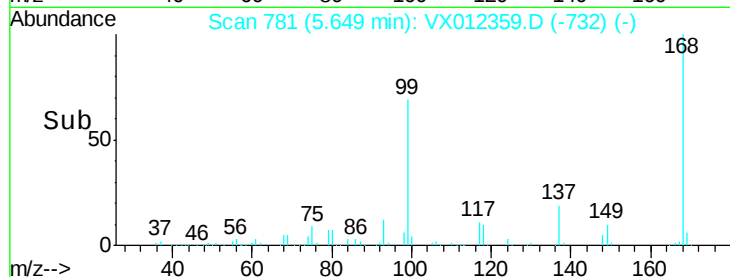
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.490 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012359.D

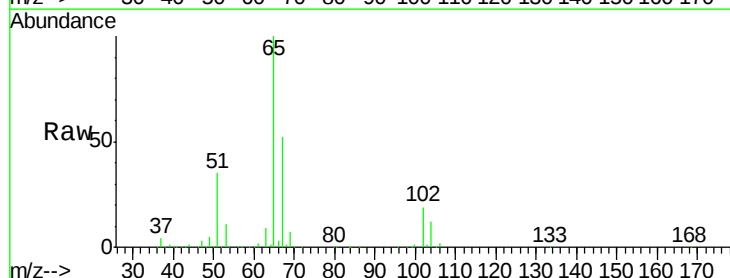
Acq: 12 Sep 2019 20:43

Tgt Ion: 65 Resp: 107871

Ion Ratio Lower Upper

65 100

67 50.9 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

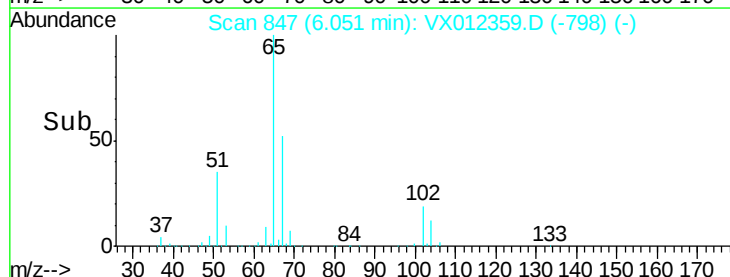
30000

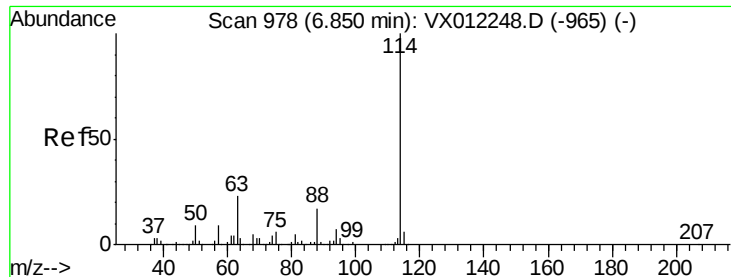
20000

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: VX012359.D

Acq: 12 Sep 2019 20:43

Instrument :

MSVOA_X

ClientSampleId :

SB-12-9.5-10.0

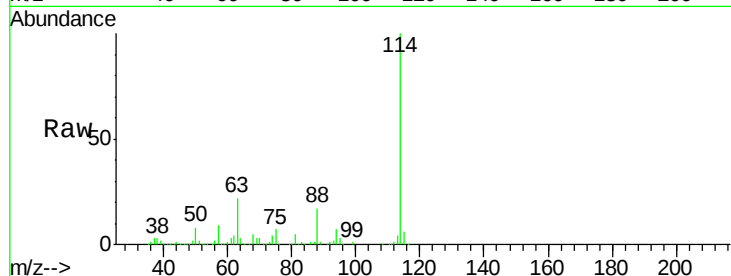
Tot Ion:114 Resp: 275079

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.2

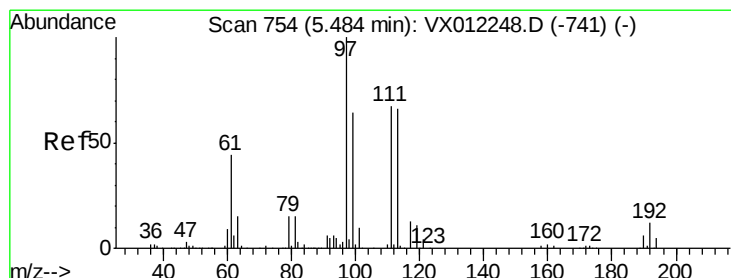
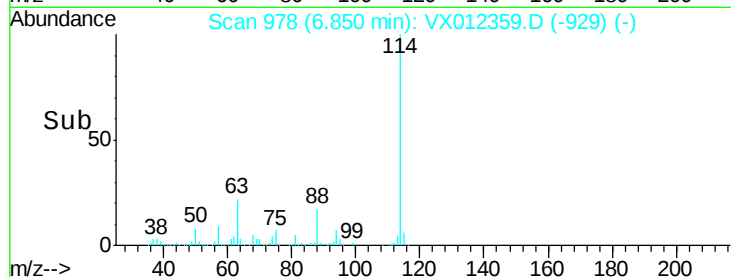
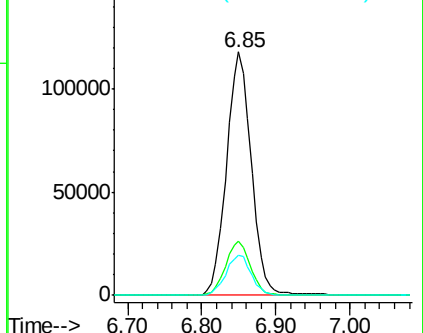
88 16.6 0.0 34.8



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: 46.579 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012359.D

Acq: 12 Sep 2019 20:43

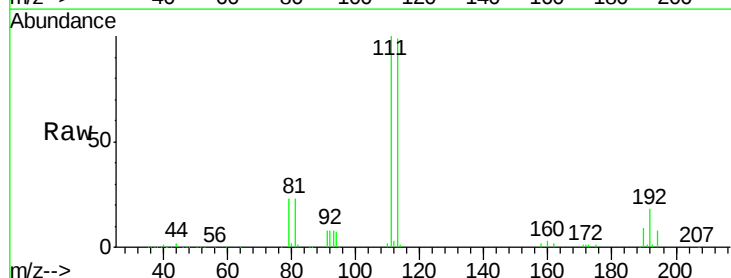
Tgt Ion:113 Resp: 82137

Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.6

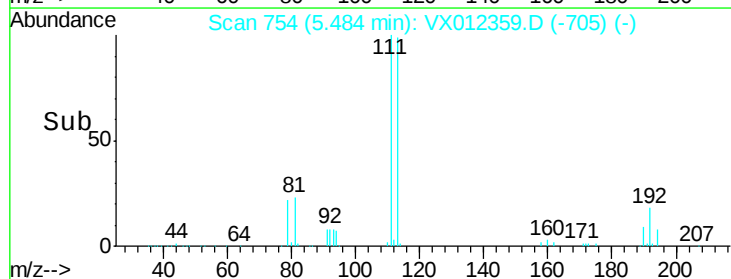
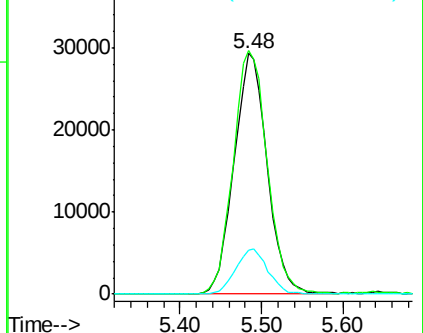
192 18.2 14.3 21.5

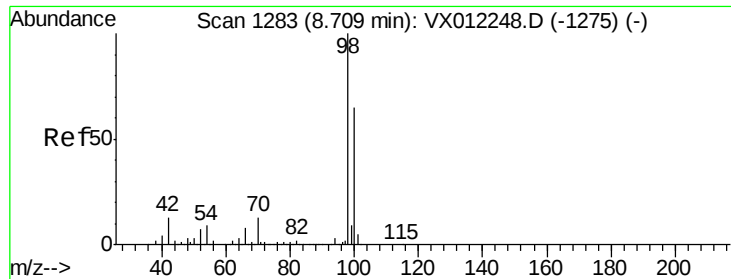


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.738 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012359.D

Acq: 12 Sep 2019 20:43

Instrument :

MSVOA_X

ClientSampleId :

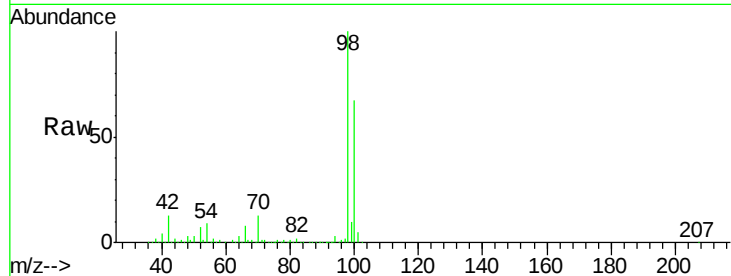
SB-12-9.5-10.0

Tot Ion: 98 Resp: 326175

Ion Ratio Lower Upper

98 100

100 66.8 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

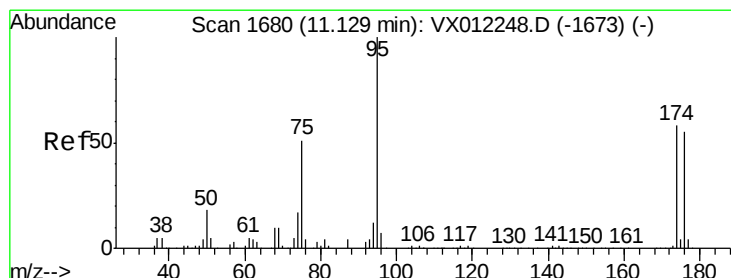
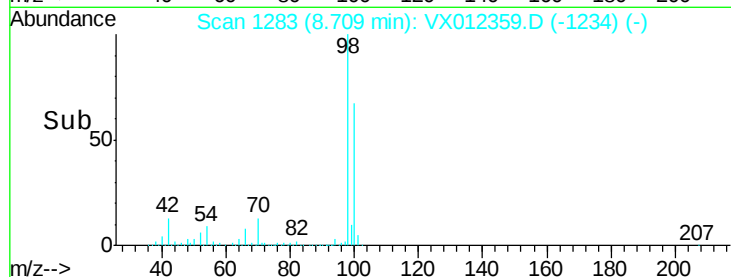
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.455 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012359.D

Acq: 12 Sep 2019 20:43

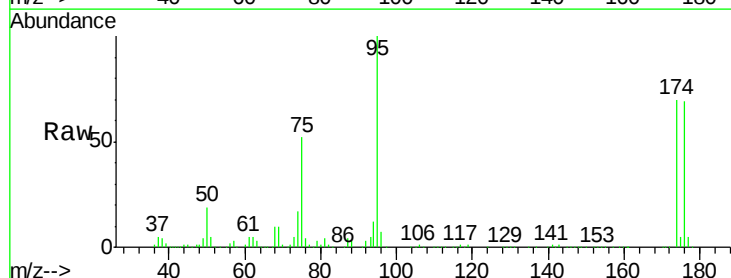
Tgt Ion: 95 Resp: 130332

Ion Ratio Lower Upper

95 100

174 68.3 0.0 127.0

176 66.2 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

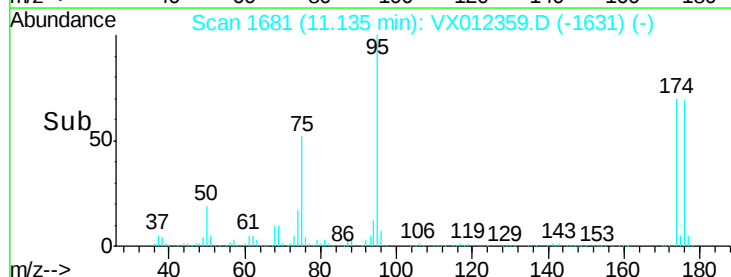
11.14

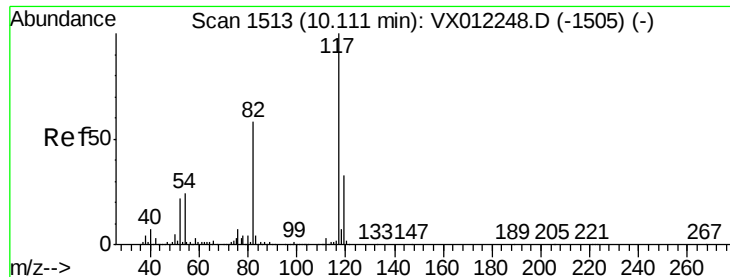
100000

50000

0

Time-->

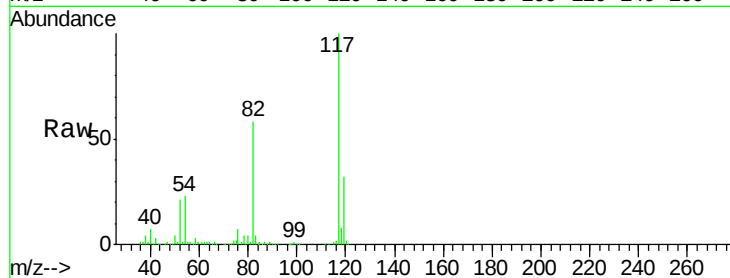




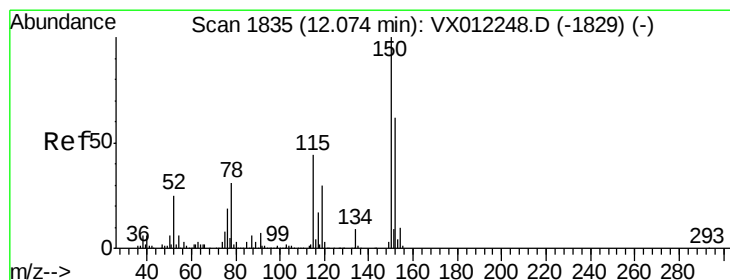
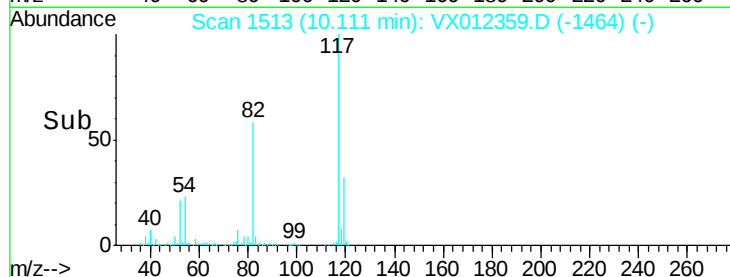
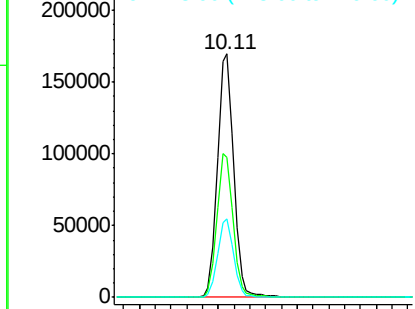
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012359.D
Acq: 12 Sep 2019 20:43

Instrument :
MSVOA_X
ClientSampleId :
SB-12-9.5-10.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.4	69.6
119	32.3	26.6	39.8

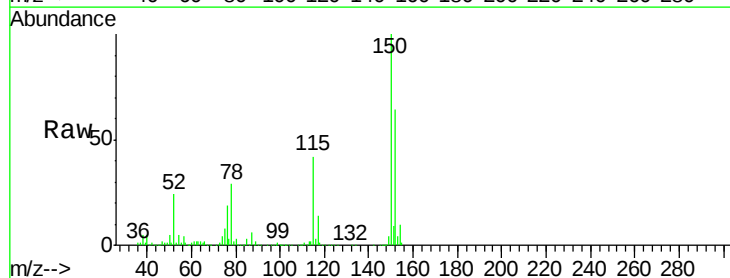


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012359.D
Acq: 12 Sep 2019 20:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	45.5	136.4
150	155.4	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

