

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012100.D
 Acq On : 05 Sep 2019 14:51
 Operator : SY/SP
 Sample : K4538-06
 Misc : 5.09g/5.0mL/MSVOA X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6

Quant Time: Sep 06 06:07:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	145036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	253337	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	223769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101578	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	98981	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	5.48	113	74301	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
50) Toluene-d8	8.71	98	302108	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	11.14	95	120937	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	

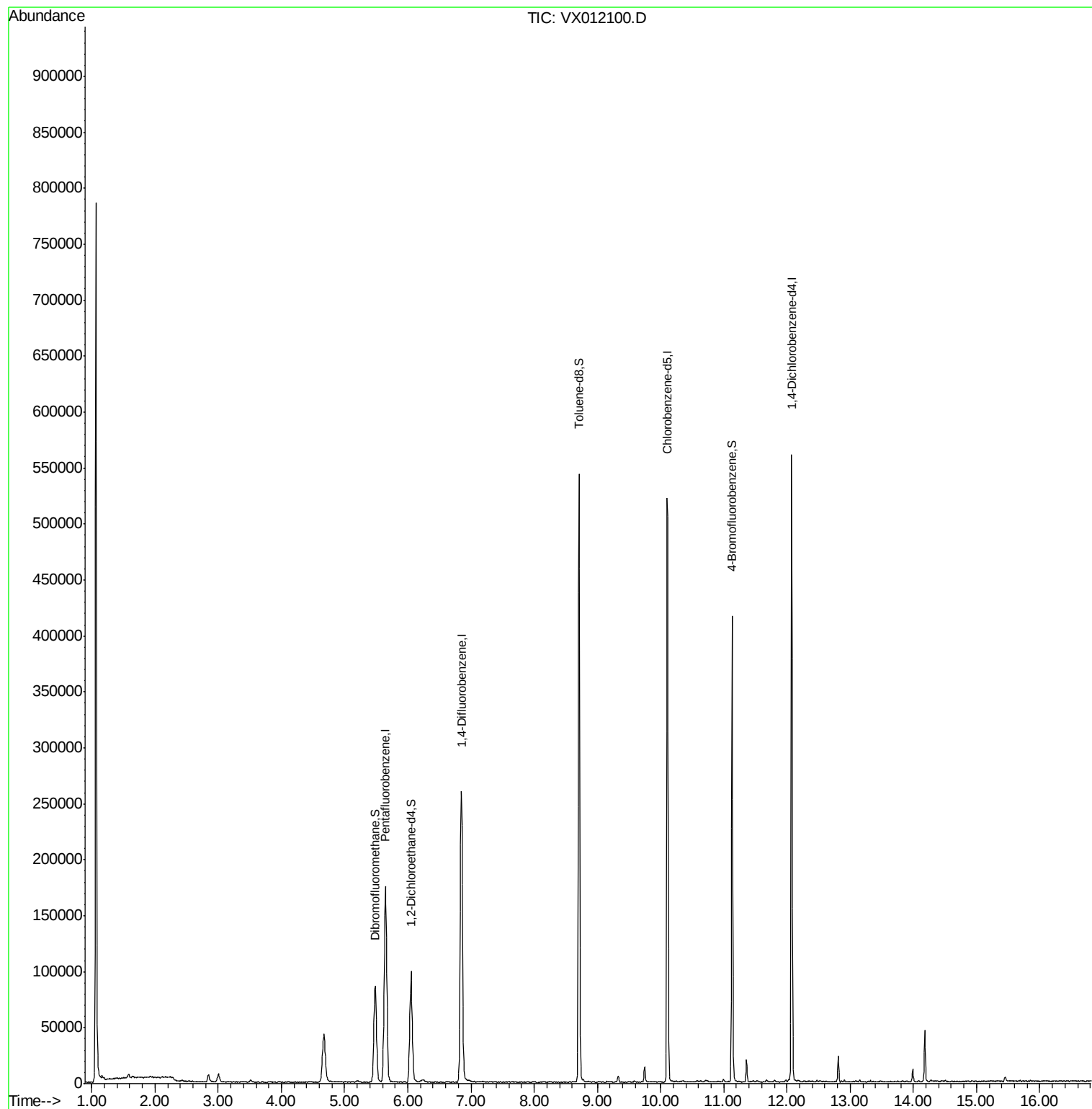
Target Compounds	Qvalue

(#) = 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: VX012100.D

Acq: 05 Sep 2019 14:51

Instrument :

MSVOA_X

ClientSampled :

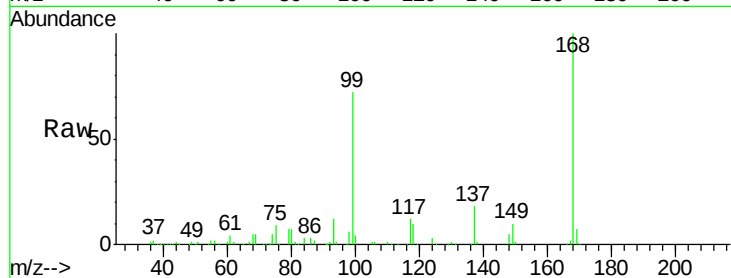
SB-6

Tot Ion:168 Resp: 145036

Ion Ratio Lower Upper

168 100

99 71.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

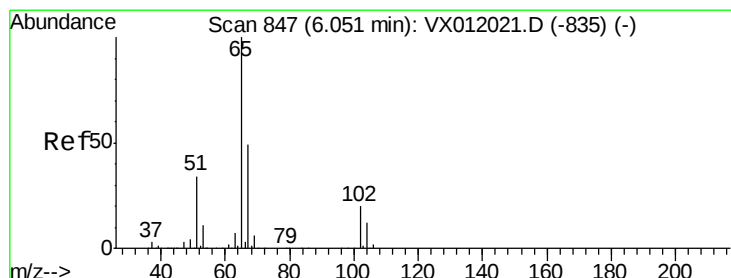
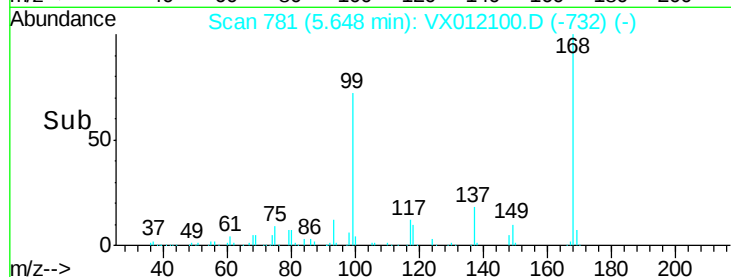
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.461 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012100.D

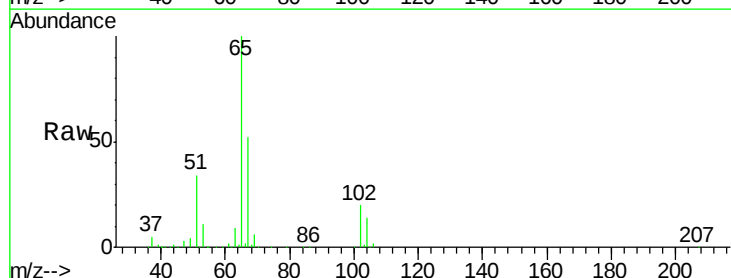
Acq: 05 Sep 2019 14:51

Tgt Ion: 65 Resp: 98981

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

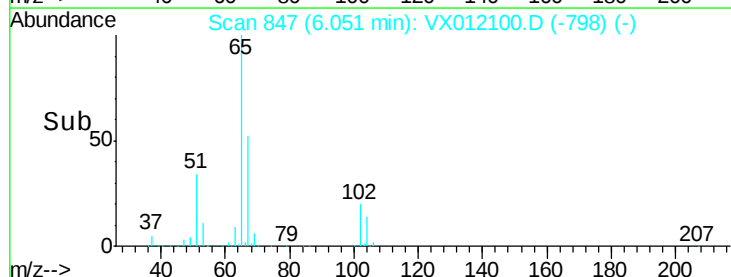
30000

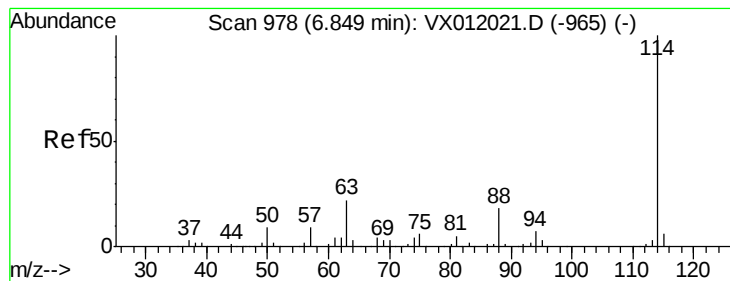
20000

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: VX012100.D

Acq: 05 Sep 2019 14:51

Instrument :

MSVOA_X

ClientSampled :

SB-6

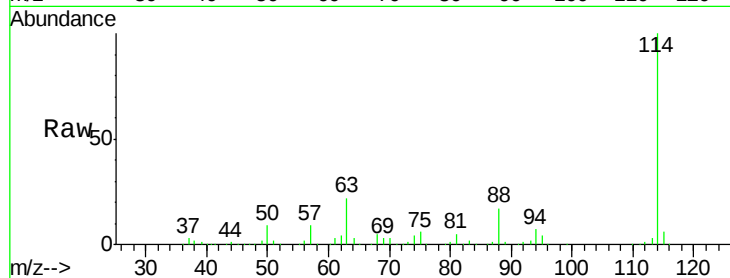
Tot Ion:114 Resp: 253337

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

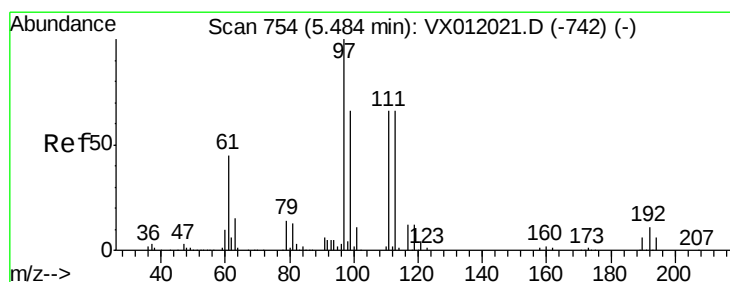
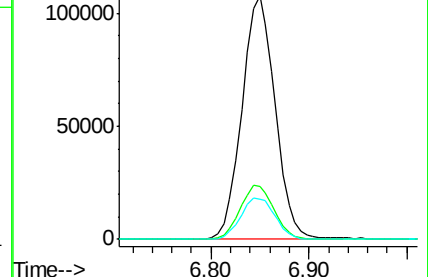
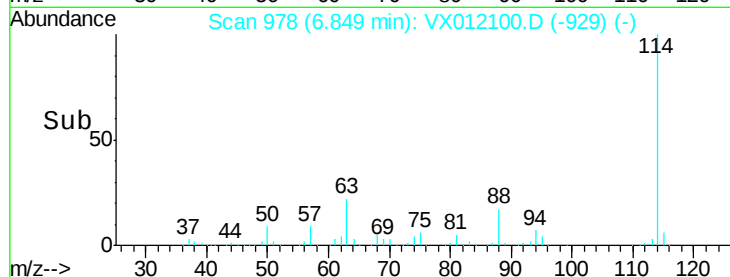
88 16.7 0.0 29.6



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: 47.692 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012100.D

Acq: 05 Sep 2019 14:51

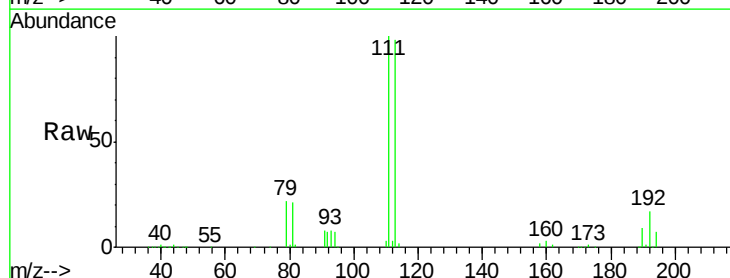
Tgt Ion:113 Resp: 74301

Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

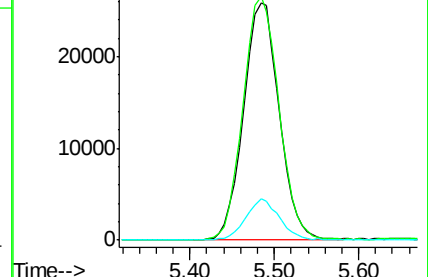
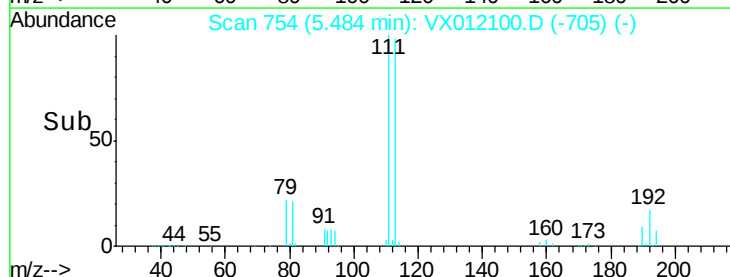
192 16.4 22.5 33.7#

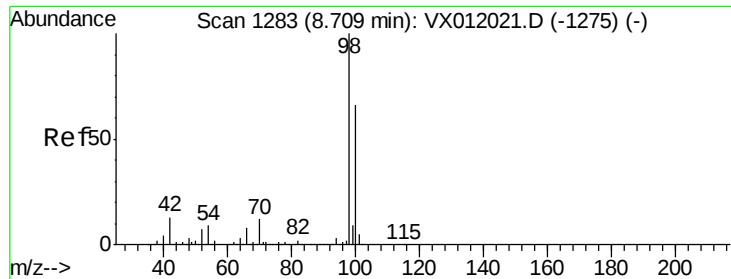


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

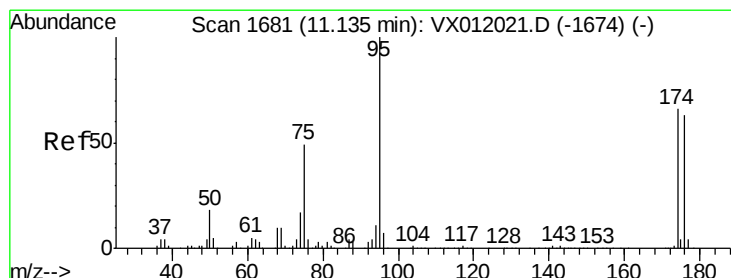
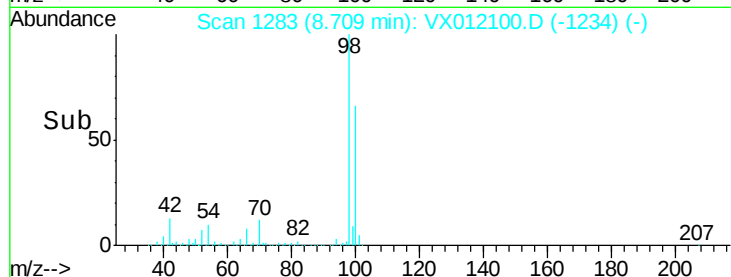
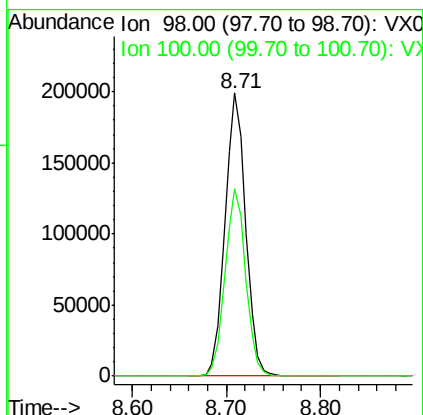
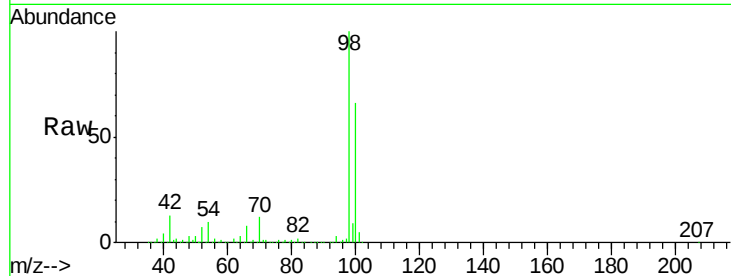




#50
Toluene-d8
Concen: 52.844 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012100.D
Acq: 05 Sep 2019 14:51

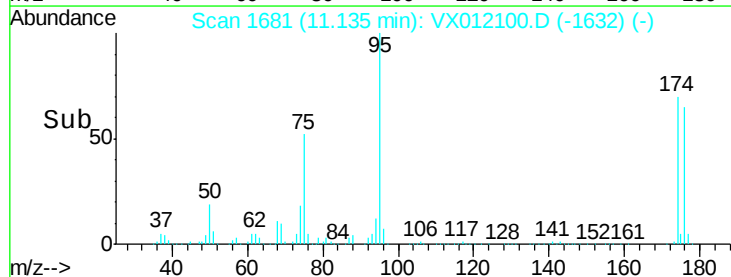
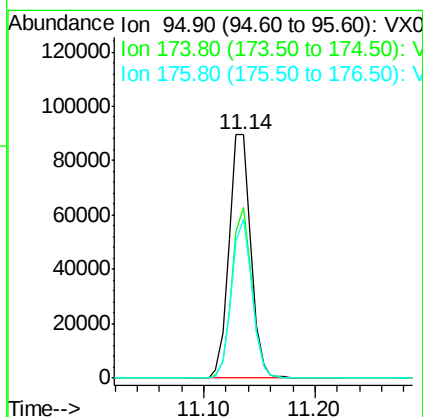
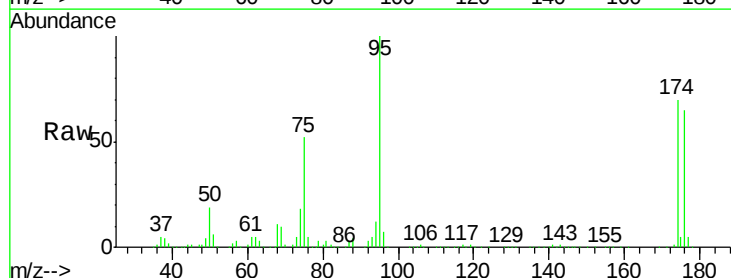
Instrument :
MSVOA_X
ClientSampled :
SB-6

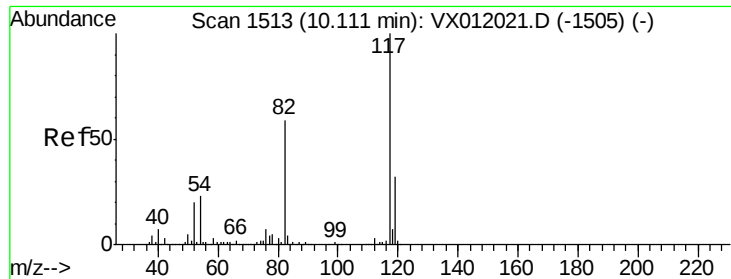
Tot Ion: 98 Resp: 302108
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 45.487 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012100.D
Acq: 05 Sep 2019 14:51

Tgt Ion: 95 Resp: 120937
Ion Ratio Lower Upper
95 100
174 64.9 0.0 205.4
176 61.9 0.0 201.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012100.D

Acq: 05 Sep 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

SB-6

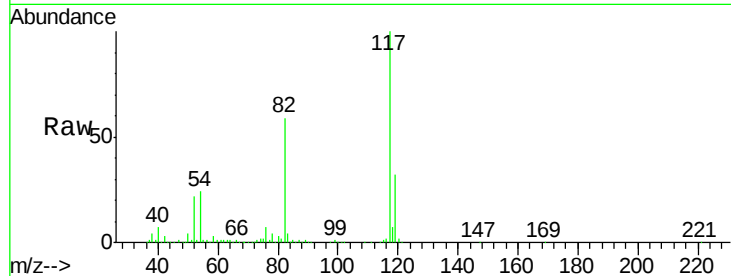
Tot Ion:117 Resp: 223769

Ion Ratio Lower Upper

117 100

82 58.5 39.4 59.0

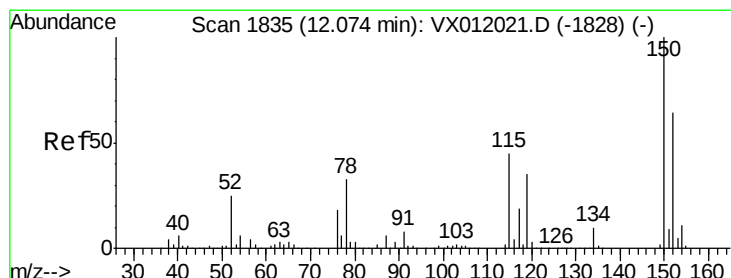
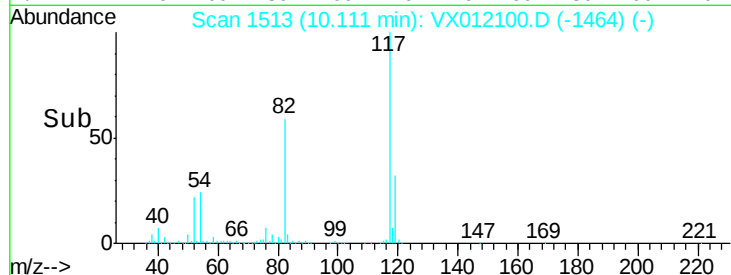
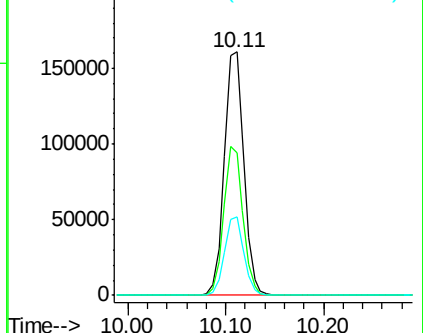
119 31.9 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX012100.D

Acq: 05 Sep 2019 14:51

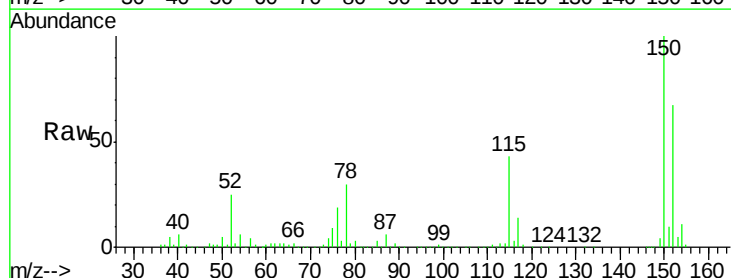
Tgt Ion:152 Resp: 101578

Ion Ratio Lower Upper

152 100

115 66.9 36.4 109.3

150 156.6 0.0 341.2



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

