

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091319\
 Data File : VX012393.D
 Acq On : 13 Sep 2019 18:14
 Operator : SY/SP
 Sample : K4695-14
 Misc : 3.53g/5.0mL/MSVOA X/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T5-4(2.5)

Quant Time: Sep 14 00:46:34 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	160891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	274914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110598	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	106329	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	5.48	113	81064	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
50) Toluene-d8	8.71	98	324501	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.13	95	123877	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	

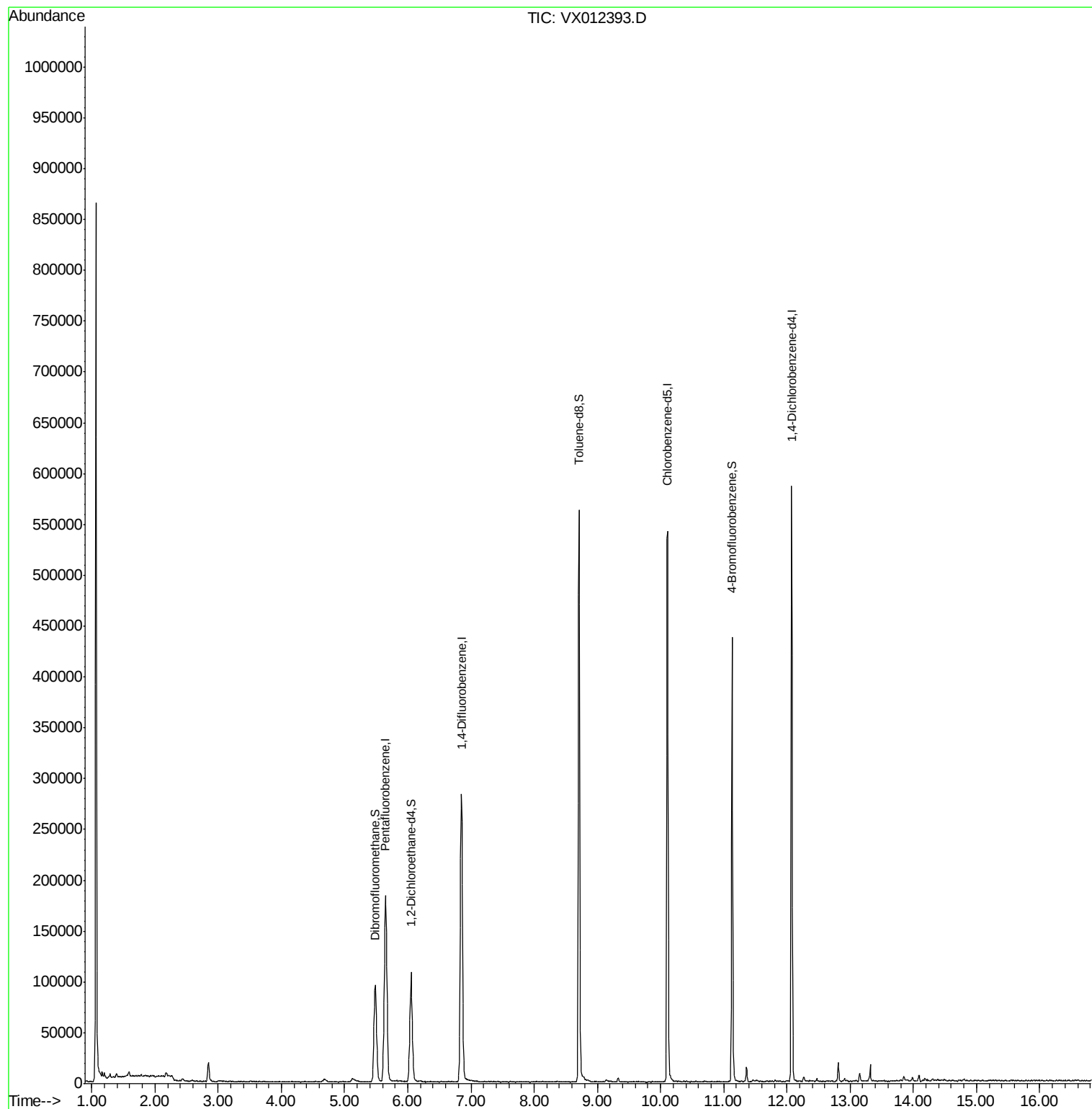
Target Compounds	Qvalue

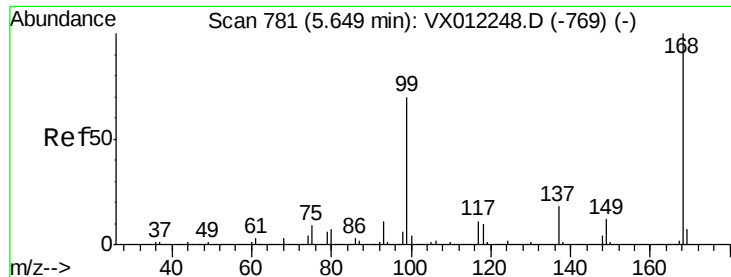
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012393.D

Acq: 13 Sep 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

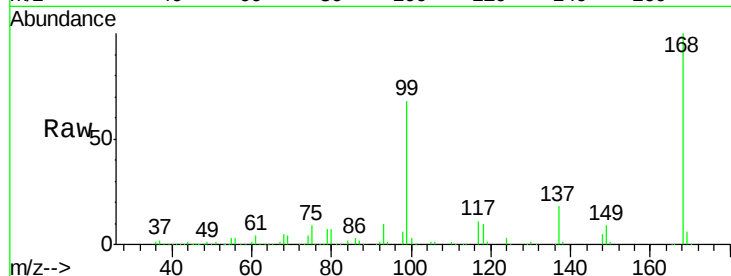
T5-4-(2.5)

Tot Ion:168 Resp: 160891

Ion Ratio Lower Upper

168 100

99 67.9 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

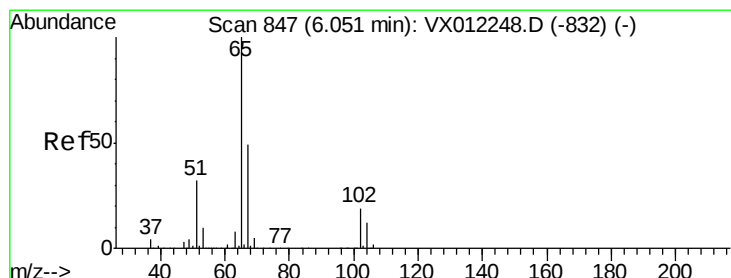
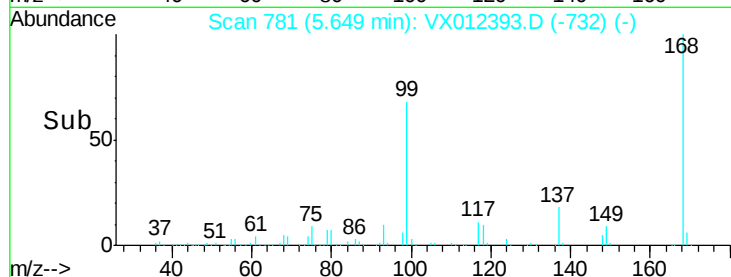
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.744 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012393.D

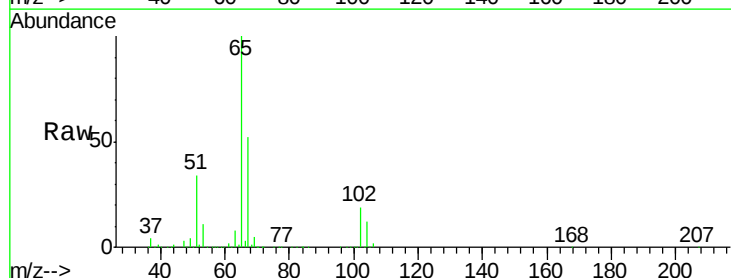
Acq: 13 Sep 2019 18:14

Tgt Ion: 65 Resp: 106329

Ion Ratio Lower Upper

65 100

67 50.1 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

40000

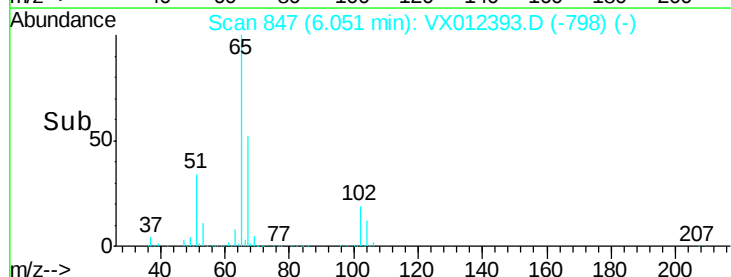
30000

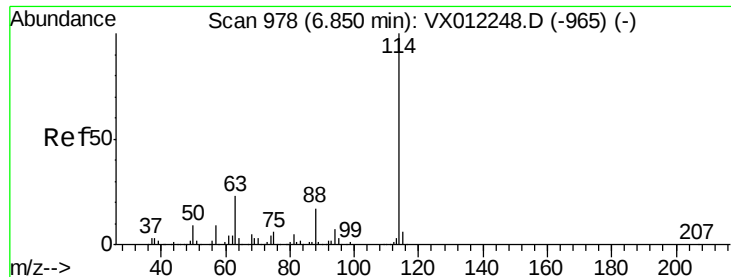
20000

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: VX012393.D

Acq: 13 Sep 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

T5-4-(2.5)

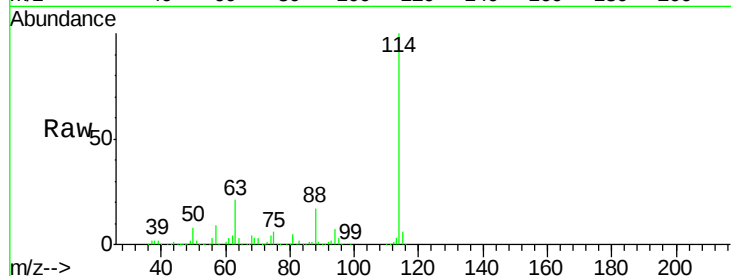
Tot Ion:114 Resp: 274914

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.2

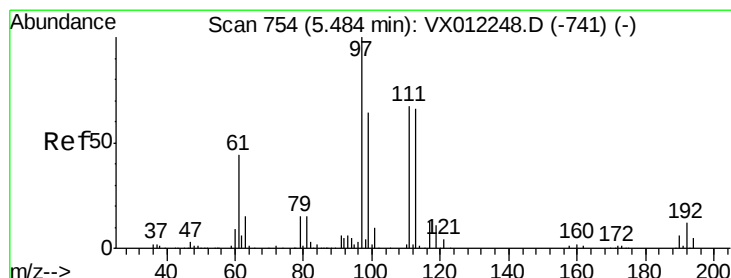
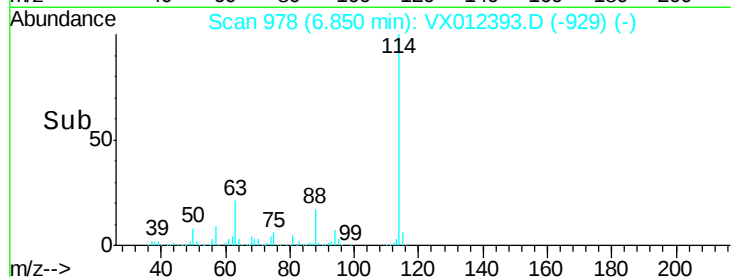
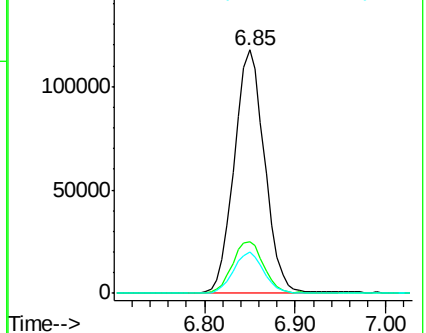
88 17.0 0.0 34.8



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: 45.998 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012393.D

Acq: 13 Sep 2019 18:14

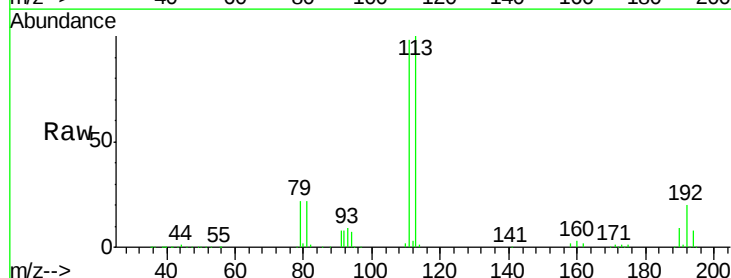
Tgt Ion:113 Resp: 81064

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

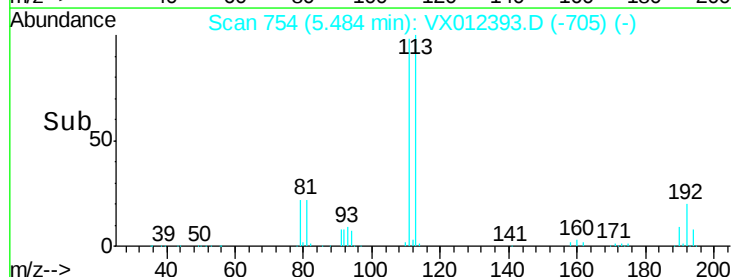
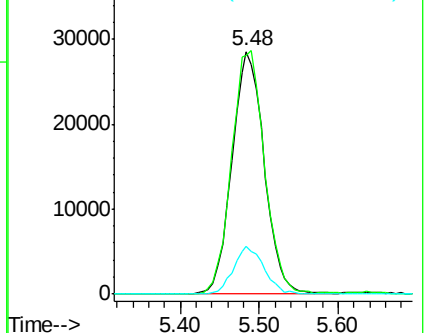
192 18.7 14.3 21.5

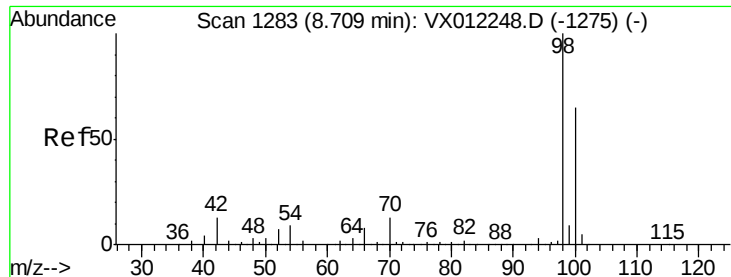


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

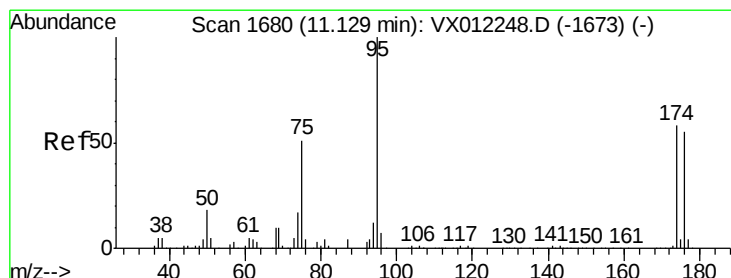
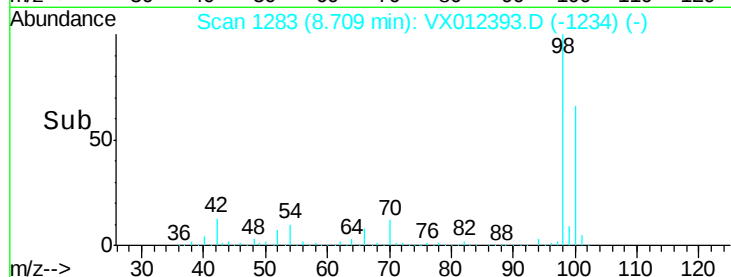
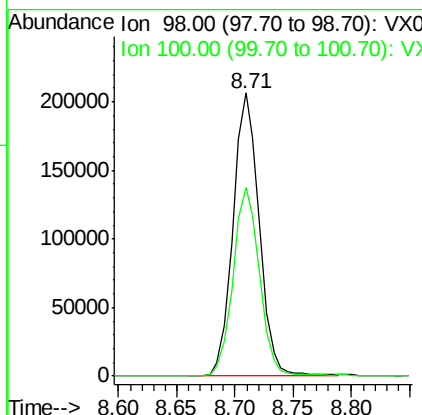
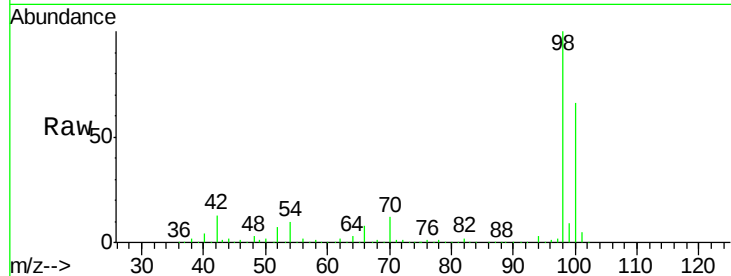




#50
Toluene-d8
Concen: 52.499 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012393.D
Acq: 13 Sep 2019 18:14

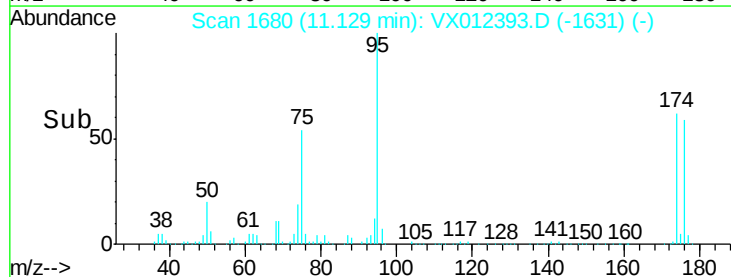
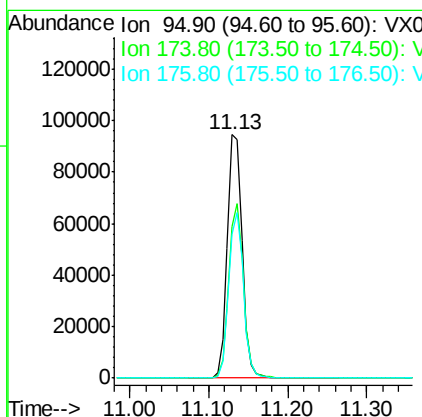
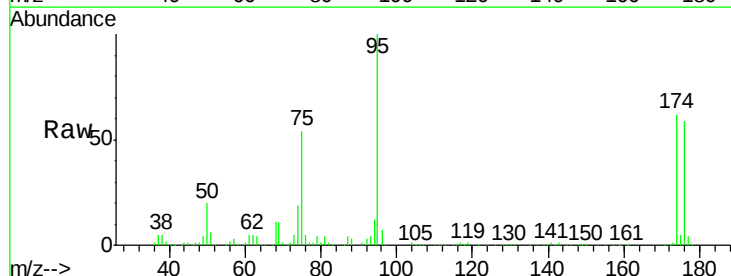
Instrument :
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ClientSampleId :
T5-4-(2.5)

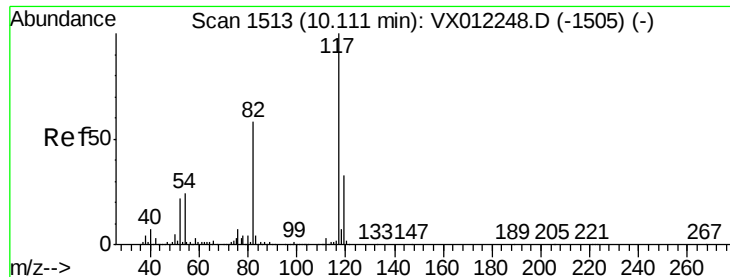
Tot Ion: 98 Resp: 324501
Ion Ratio Lower Upper
98 100
100 67.2 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 43.230 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX012393.D
Acq: 13 Sep 2019 18:14

Tgt Ion: 95 Resp: 123877
Ion Ratio Lower Upper
95 100
174 70.2 0.0 127.0
176 66.9 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: VX012393.D

Acq: 13 Sep 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

T5-4-(2.5)

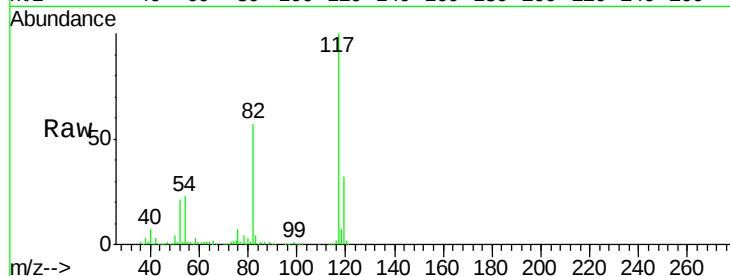
Tot Ion:117 Resp: 244478

Ion Ratio Lower Upper

117 100

82 56.6 46.4 69.6

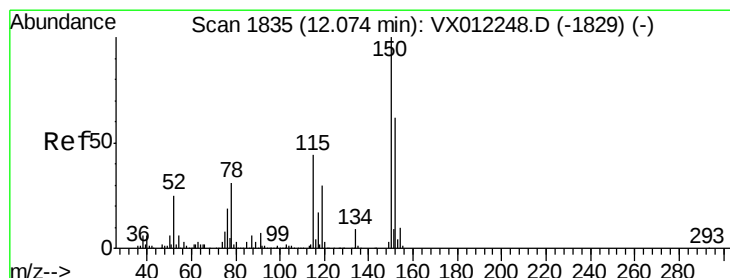
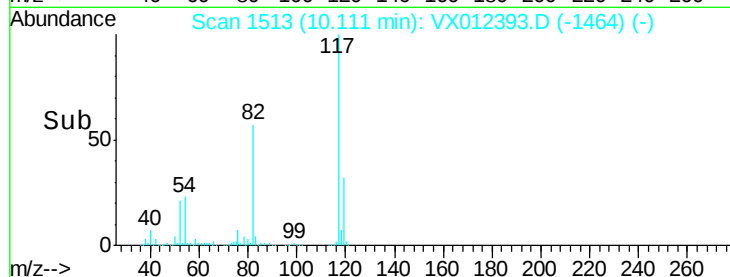
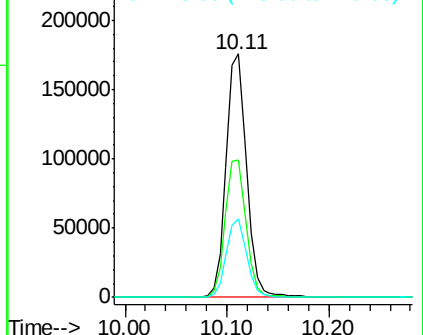
119 32.4 26.6 39.8



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: VX012393.D

Acq: 13 Sep 2019 18:14

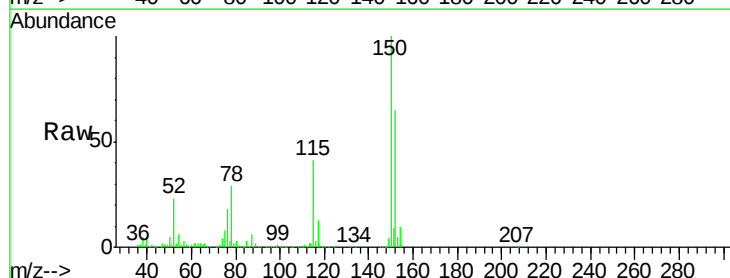
Tgt Ion:152 Resp: 110598

Ion Ratio Lower Upper

152 100

115 64.3 45.5 136.4

150 156.7 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

