

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007830.D
 Acq On : 05 Mar 2019 12:08
 Operator : JC/SP
 Sample : K1659-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Mar 06 00:20:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	337141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	524048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	490821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237924	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	183373	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	
35) Dibromofluoromethane	5.51	113	170031	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	8.71	98	633491	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.13	95	230236	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	

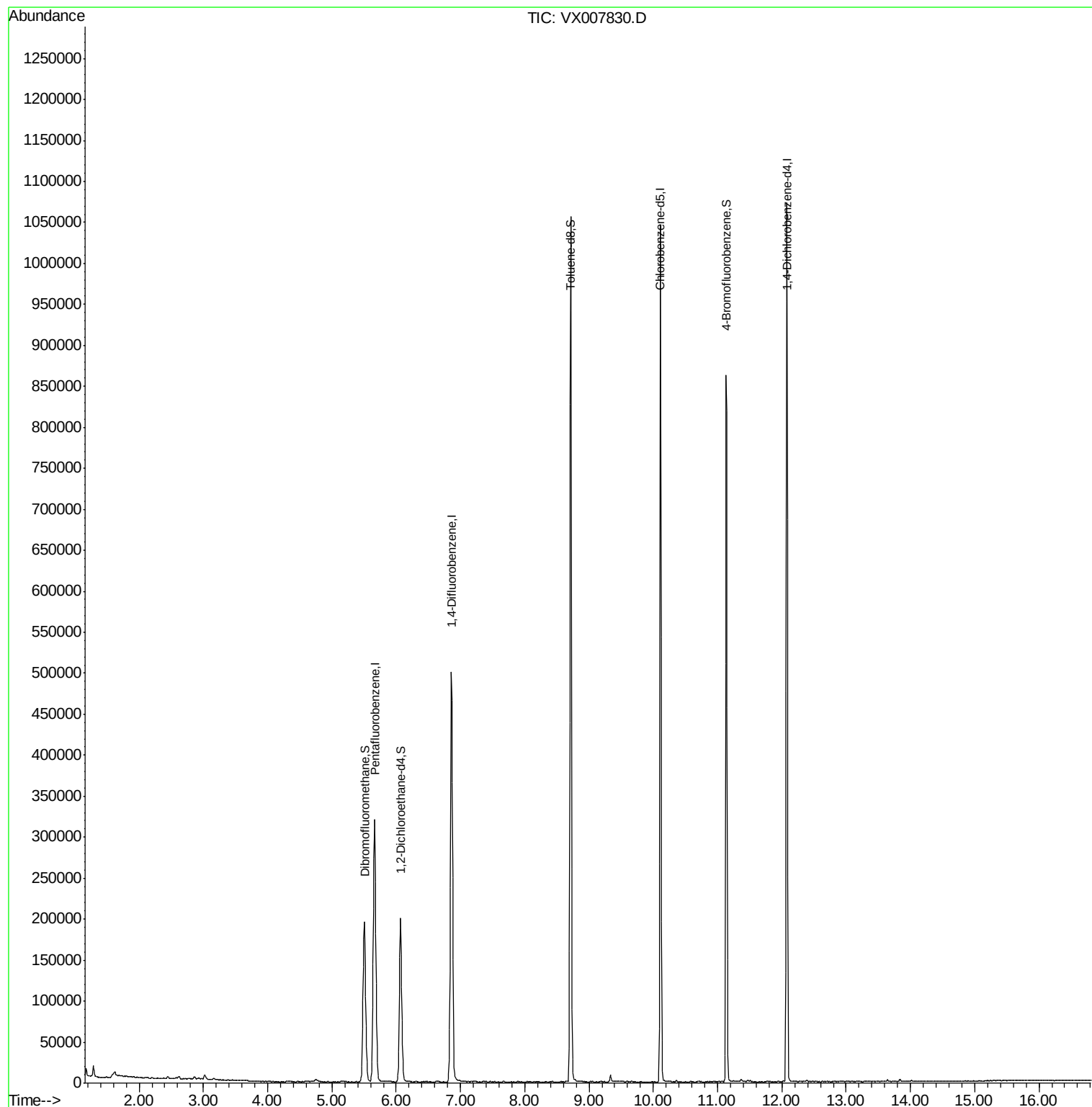
Target Compounds	Qvalue

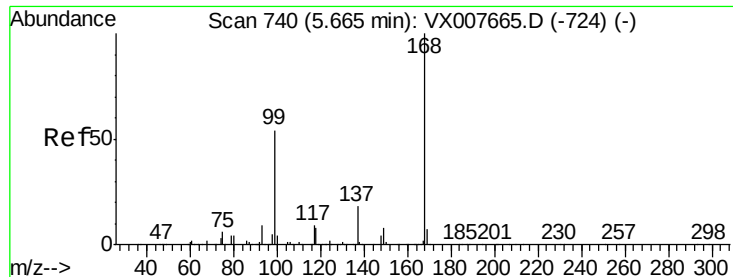
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007830.D

Acq: 05 Mar 2019 12:08

Instrument :

MSVOA_X

ClientSampled :

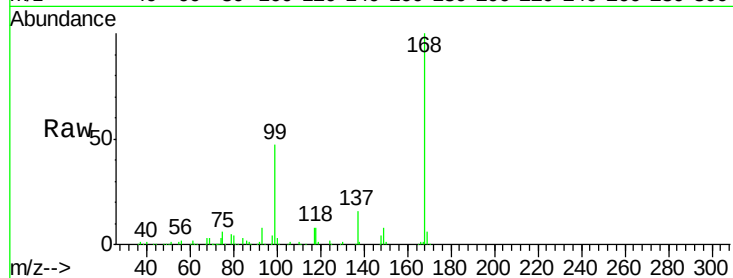
TB

Tot Ion:168 Resp: 337141

Ion Ratio Lower Upper

168 100

99 46.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

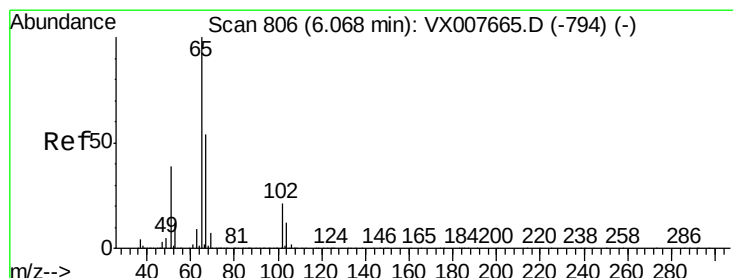
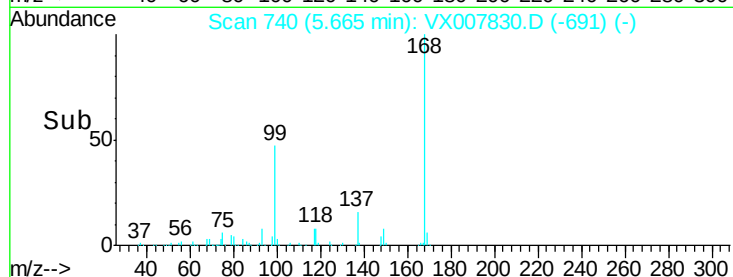
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 43.910 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007830.D

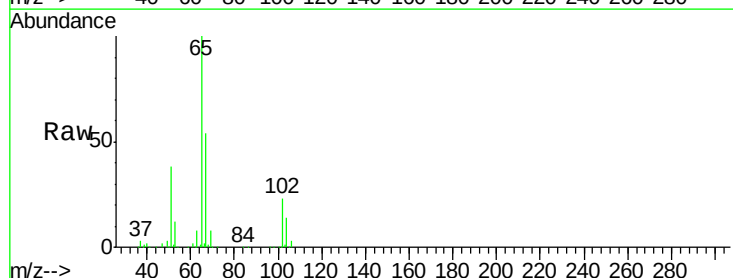
Acq: 05 Mar 2019 12:08

Tgt Ion: 65 Resp: 183373

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

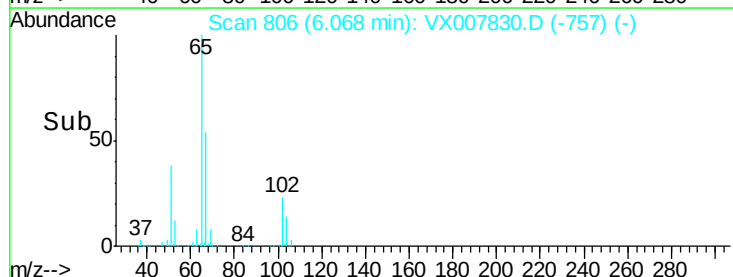
60000

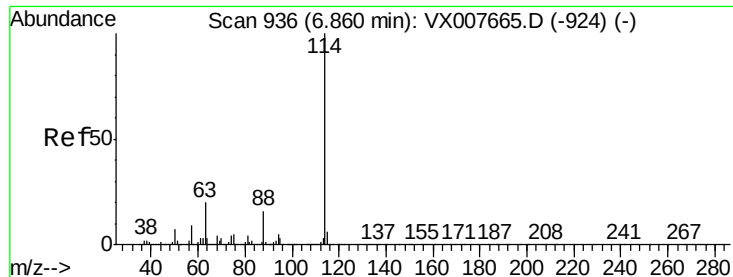
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007830.D

Acq: 05 Mar 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

TB

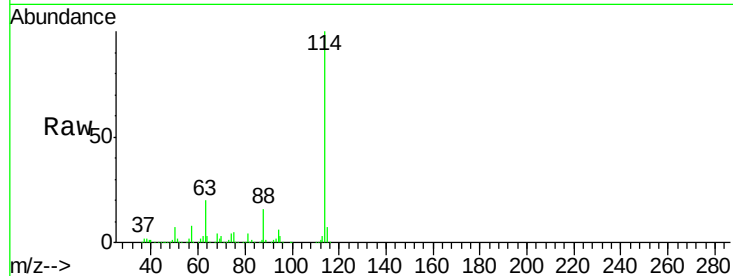
Tot Ion:114 Resp: 524048

Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.6

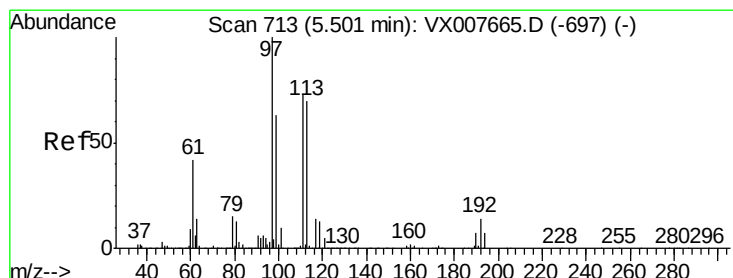
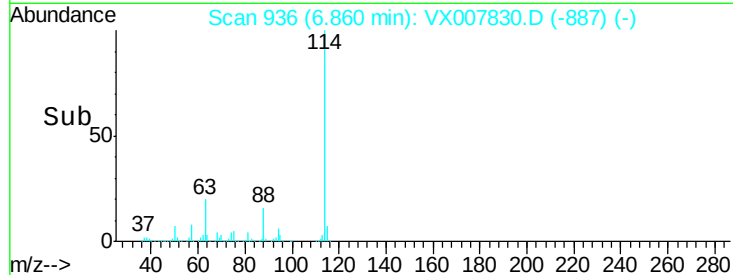
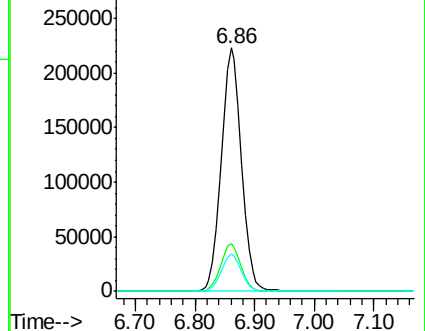
88 15.6 0.0 29.6



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: 48.537 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007830.D

Acq: 05 Mar 2019 12:08

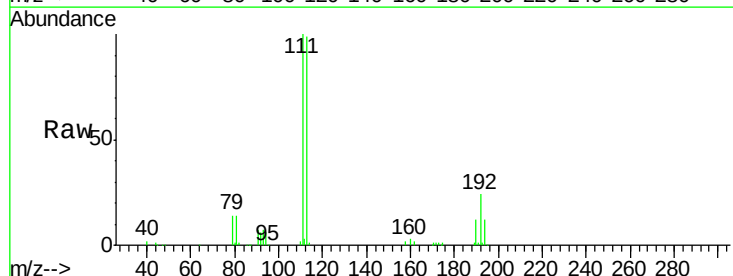
Tgt Ion:113 Resp: 170031

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

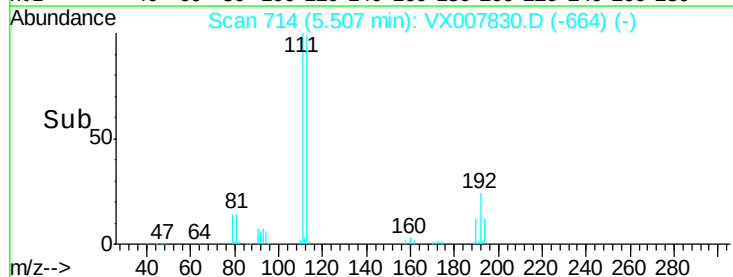
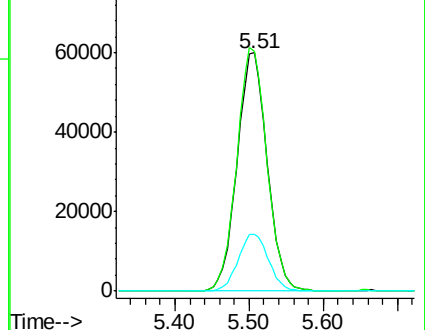
192 24.3 18.5 27.7

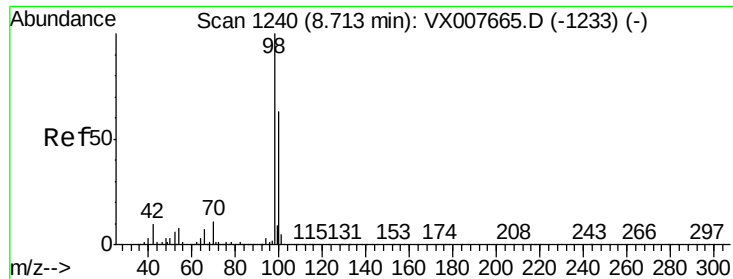


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

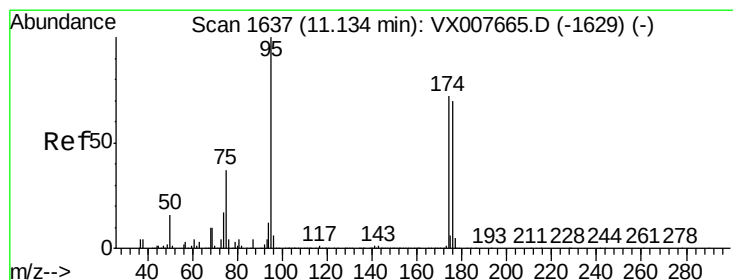
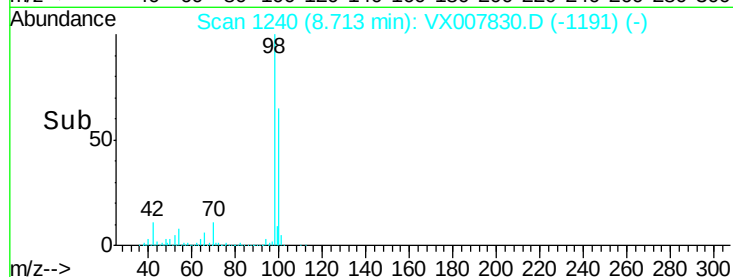
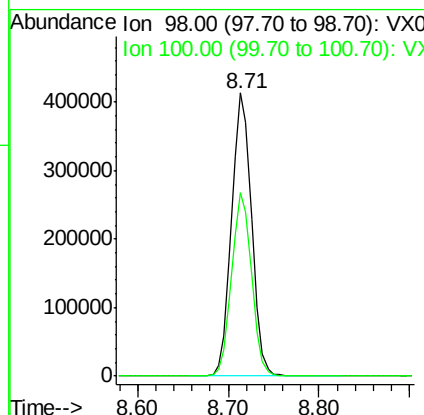
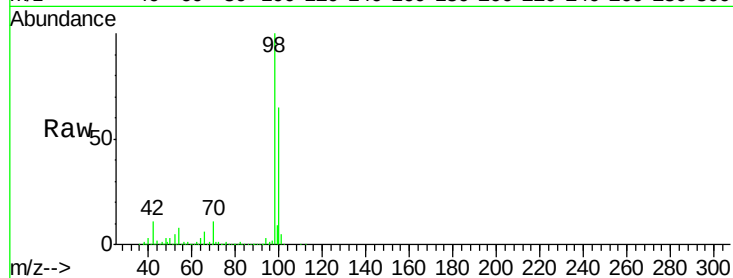




#50
Toluene-d8
Concen: 47.236 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007830.D
Acq: 05 Mar 2019 12:08

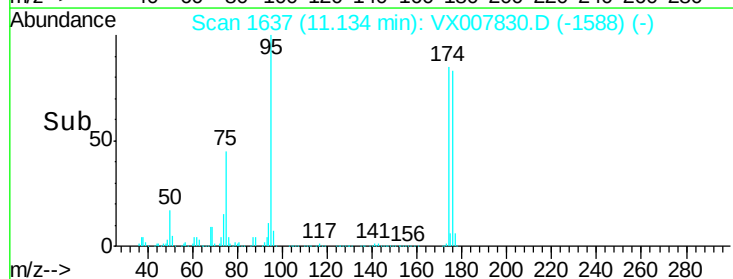
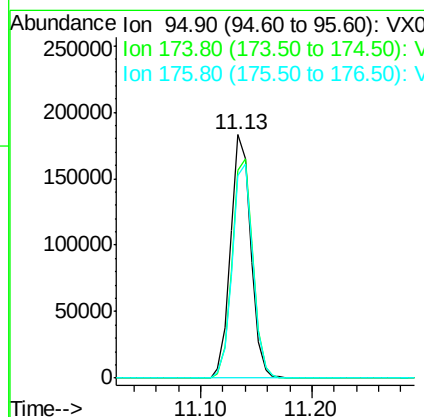
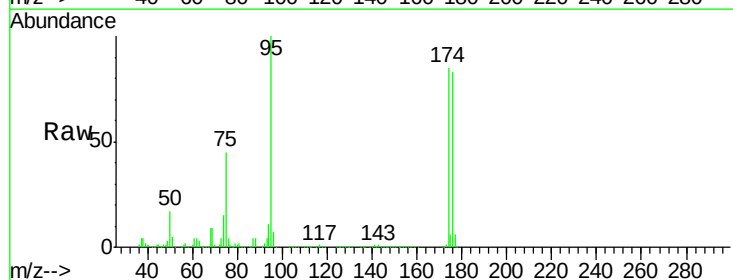
Instrument :
MSVOA_X
ClientSampled :
TB

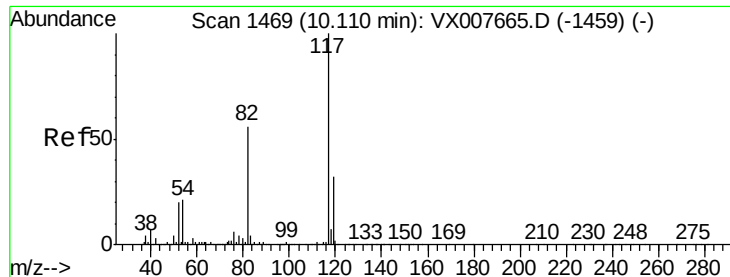
Tot Ion: 98 Resp: 633491
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.773 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007830.D
Acq: 05 Mar 2019 12:08

Tgt Ion: 95 Resp: 230236
Ion Ratio Lower Upper
95 100
174 92.0 0.0 189.2
176 89.6 0.0 186.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007830.D

Acq: 05 Mar 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

TB

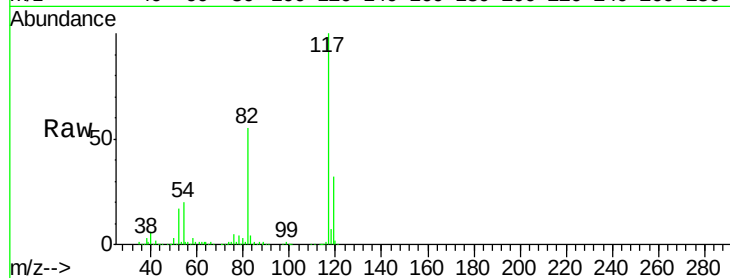
Tot Ion:117 Resp: 490821

Ion Ratio Lower Upper

117 100

82 55.2 42.1 63.1

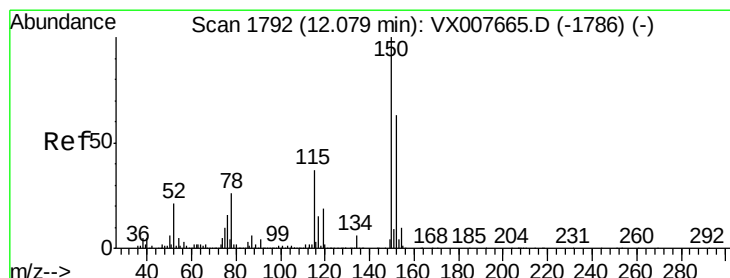
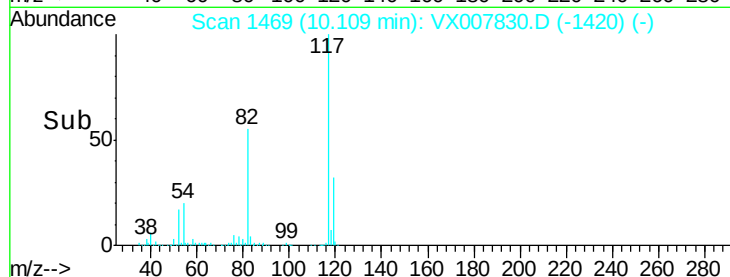
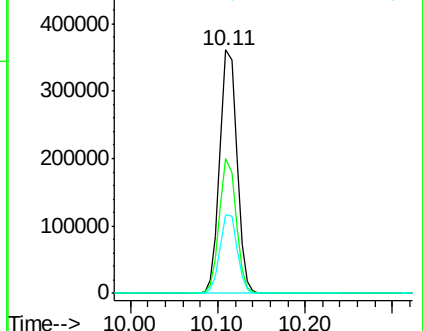
119 32.1 26.5 39.7



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007830.D

Acq: 05 Mar 2019 12:08

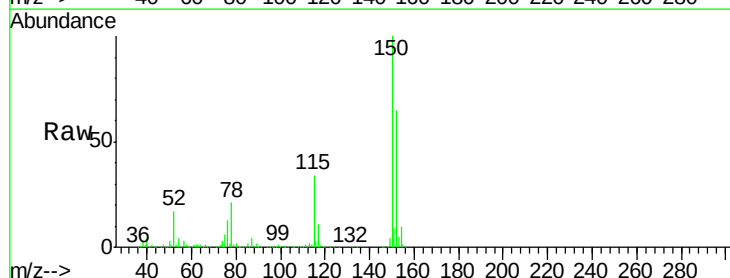
Tgt Ion:152 Resp: 237924

Ion Ratio Lower Upper

152 100

115 54.1 38.0 114.0

150 155.8 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

