

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002306.D
 Acq On : 05 Jun 2018 15:31
 Operator : JC/MD
 Sample : J3270-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0051

Quant Time: Jun 06 05:26:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	360400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	185982	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172981	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	5.51	113	125505	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
50) Toluene-d8	8.72	98	520900	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.14	95	182164	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	

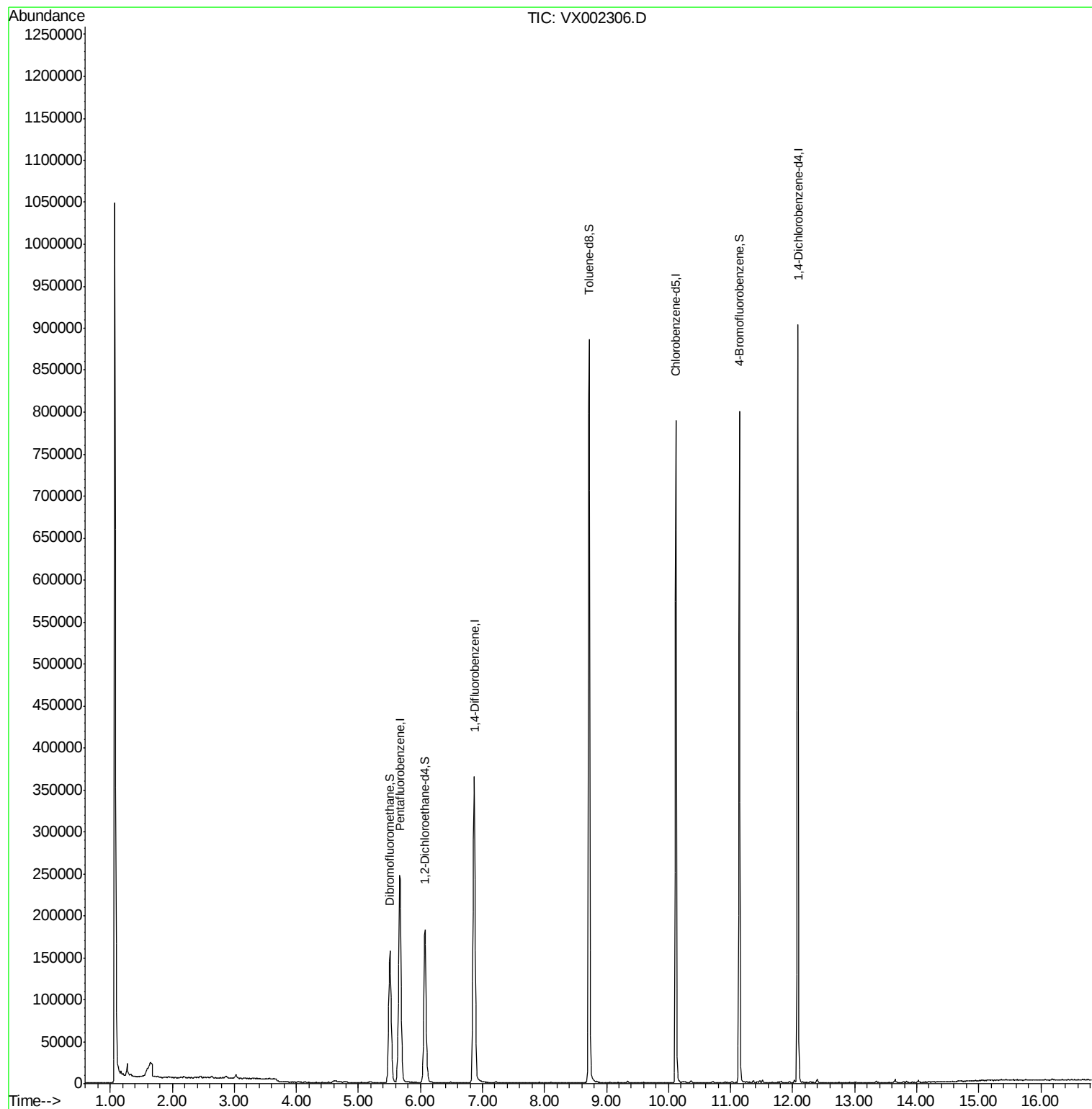
Target Compounds	Qvalue

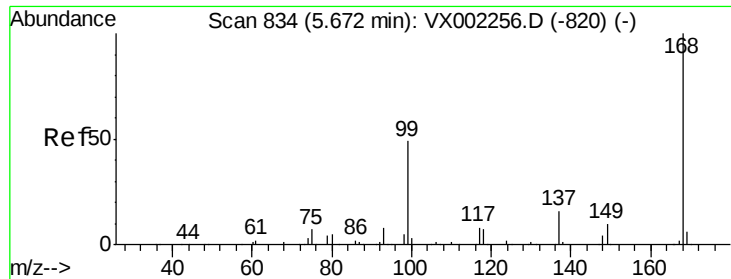
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002306.D

Acq: 05 Jun 2018 15:31

Instrument :

MSVOA_X

ClientSampleId :

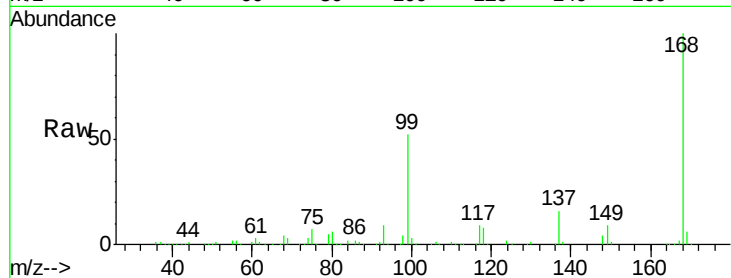
LF6-0051

Tot Ion:168 Resp: 245518

Ion Ratio Lower Upper

168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

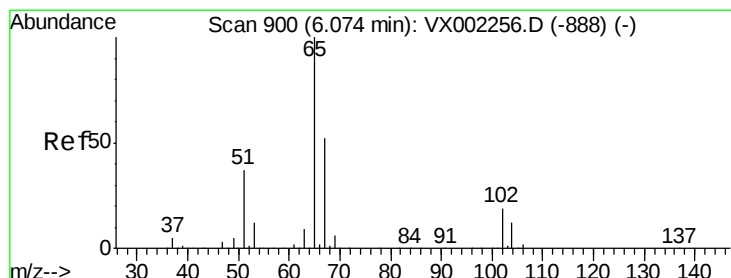
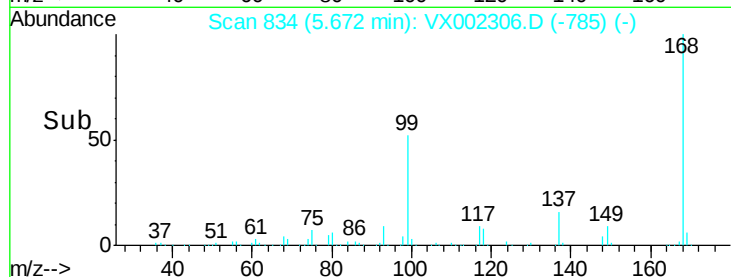
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 49.215 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002306.D

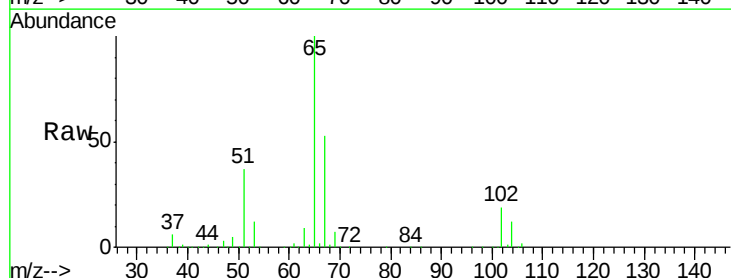
Acq: 05 Jun 2018 15:31

Tgt Ion: 65 Resp: 172981

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

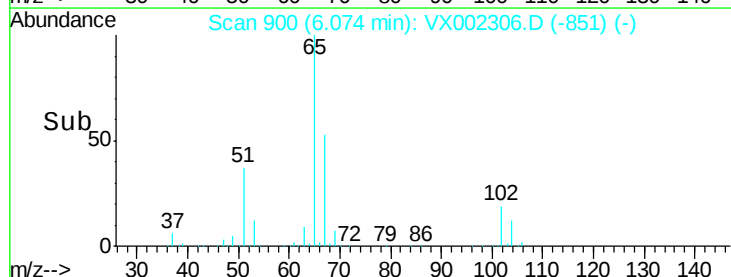
60000

40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002306.D

Acq: 05 Jun 2018 15:31

Instrument :

MSVOA_X

ClientSampleId :

LF6-0051

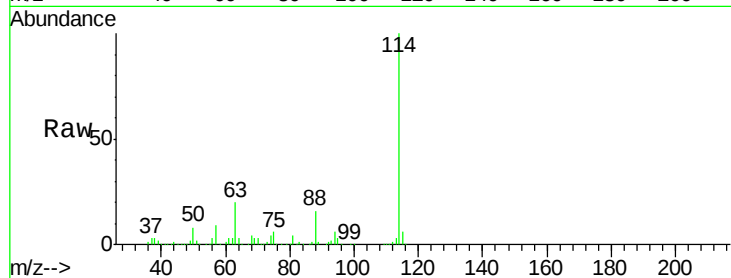
Tot Ion:114 Resp: 360400

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

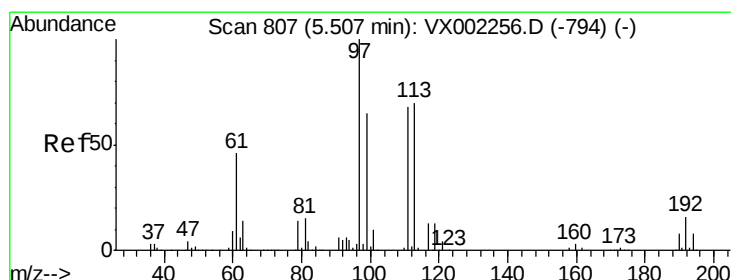
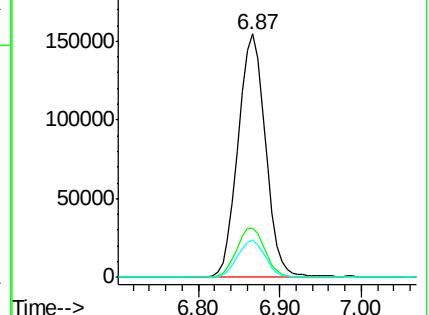
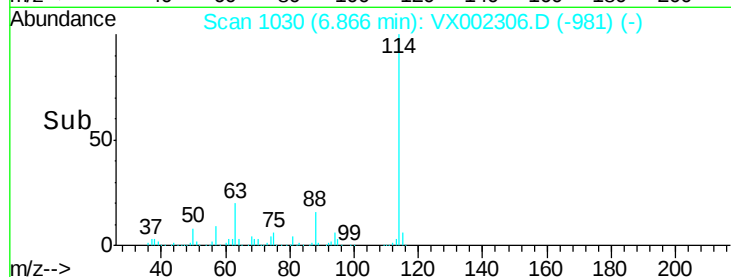
88 15.6 0.0 30.0



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: 44.282 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002306.D

Acq: 05 Jun 2018 15:31

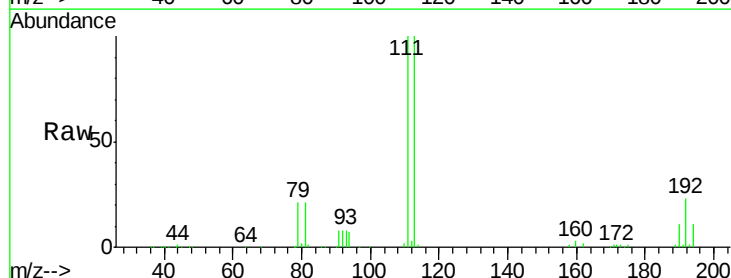
Tgt Ion:113 Resp: 125505

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

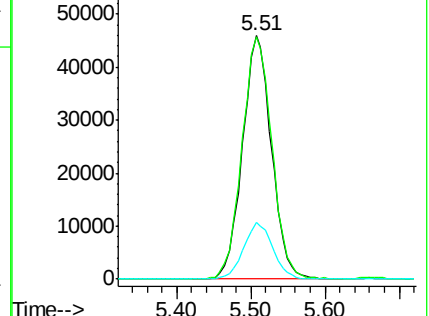
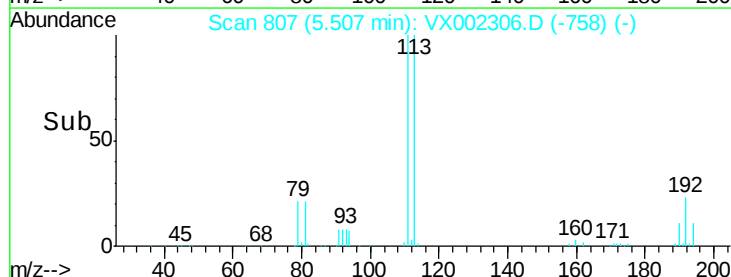
192 23.4 19.1 28.7

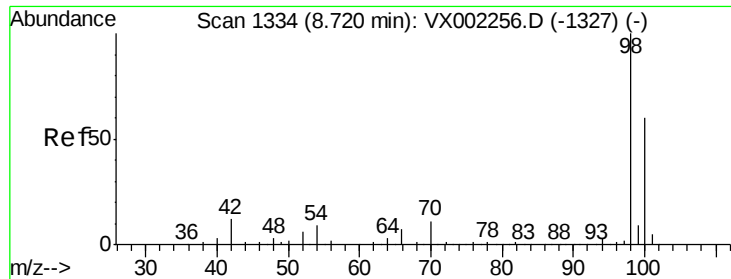


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

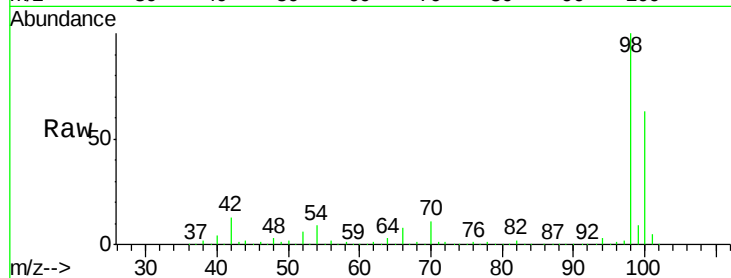




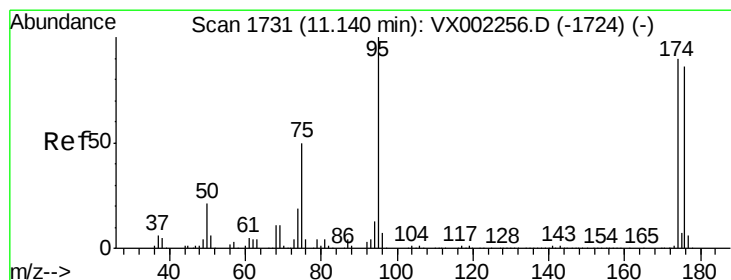
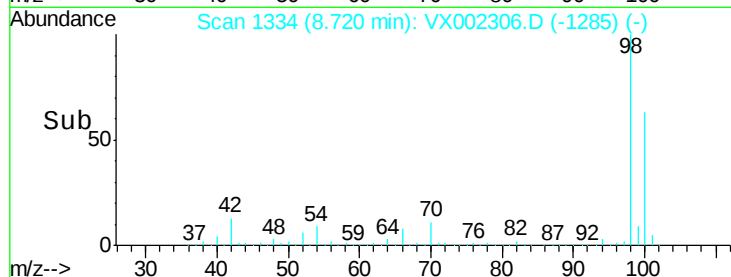
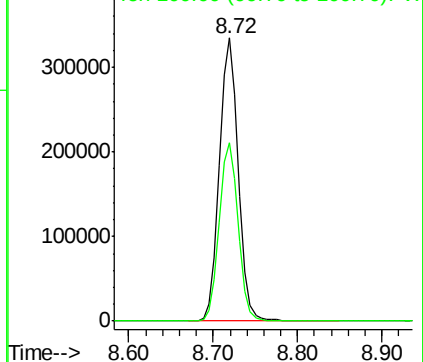
#50
Toluene-d8
Concen: 47.950 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002306.D
Acq: 05 Jun 2018 15:31

Instrument :
MSVOA_X
ClientSampleId :
LF6-0051

Tot Ion: 98 Resp: 520900
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

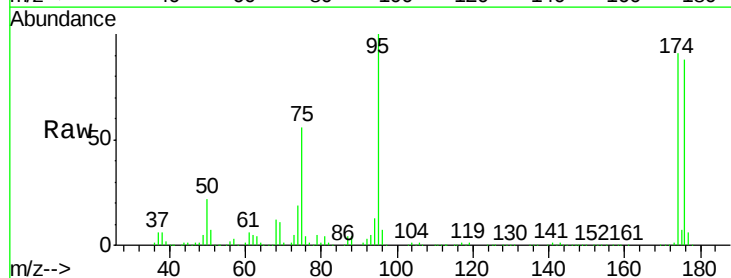


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

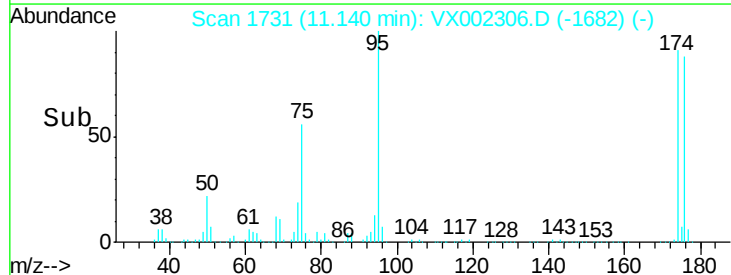
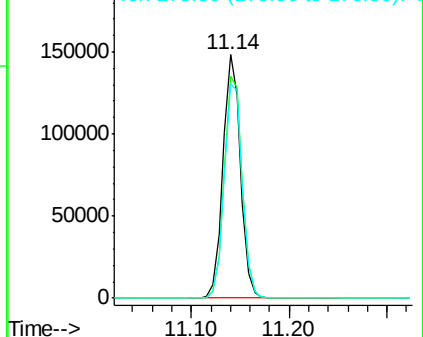


#62
4-Bromofluorobenzene
Concen: 43.486 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002306.D
Acq: 05 Jun 2018 15:31

Tgt Ion: 95 Resp: 182164
Ion Ratio Lower Upper
95 100
174 94.2 0.0 187.4
176 91.8 0.0 181.0



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





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002306.D

Acq: 05 Jun 2018 15:31

Instrument :

MSVOA_X

ClientSampleId :

LF6-0051

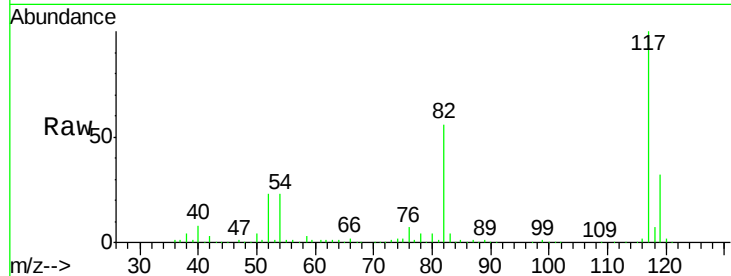
Tot Ion:117 Resp: 332633

Ion Ratio Lower Upper

117 100

82 55.7 45.0 67.4

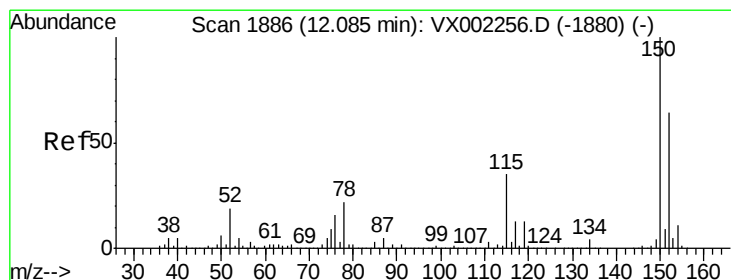
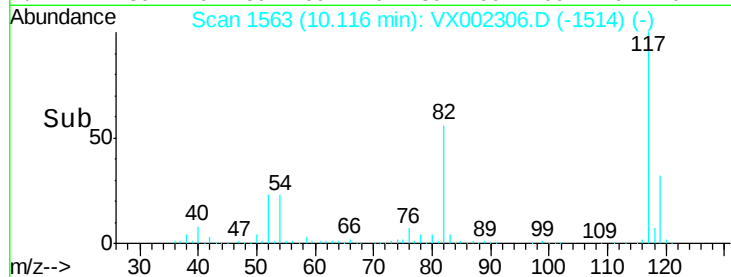
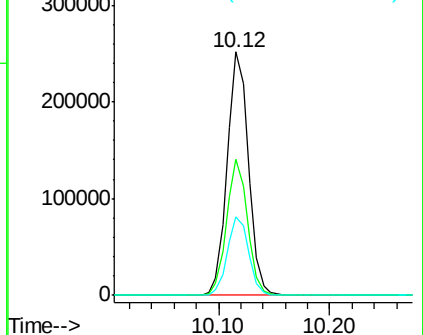
119 32.0 25.8 38.6



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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002306.D

Acq: 05 Jun 2018 15:31

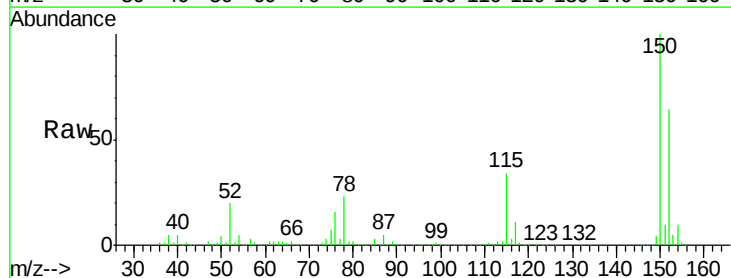
Tgt Ion:152 Resp: 185982

Ion Ratio Lower Upper

152 100

115 55.2 40.1 120.2

150 156.4 0.0 347.2



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

