

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002279.D
 Acq On : 05 Jun 2018 00:33
 Operator : JC/MD
 Sample : J3234-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0056

Quant Time: Jun 05 07:00:28 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

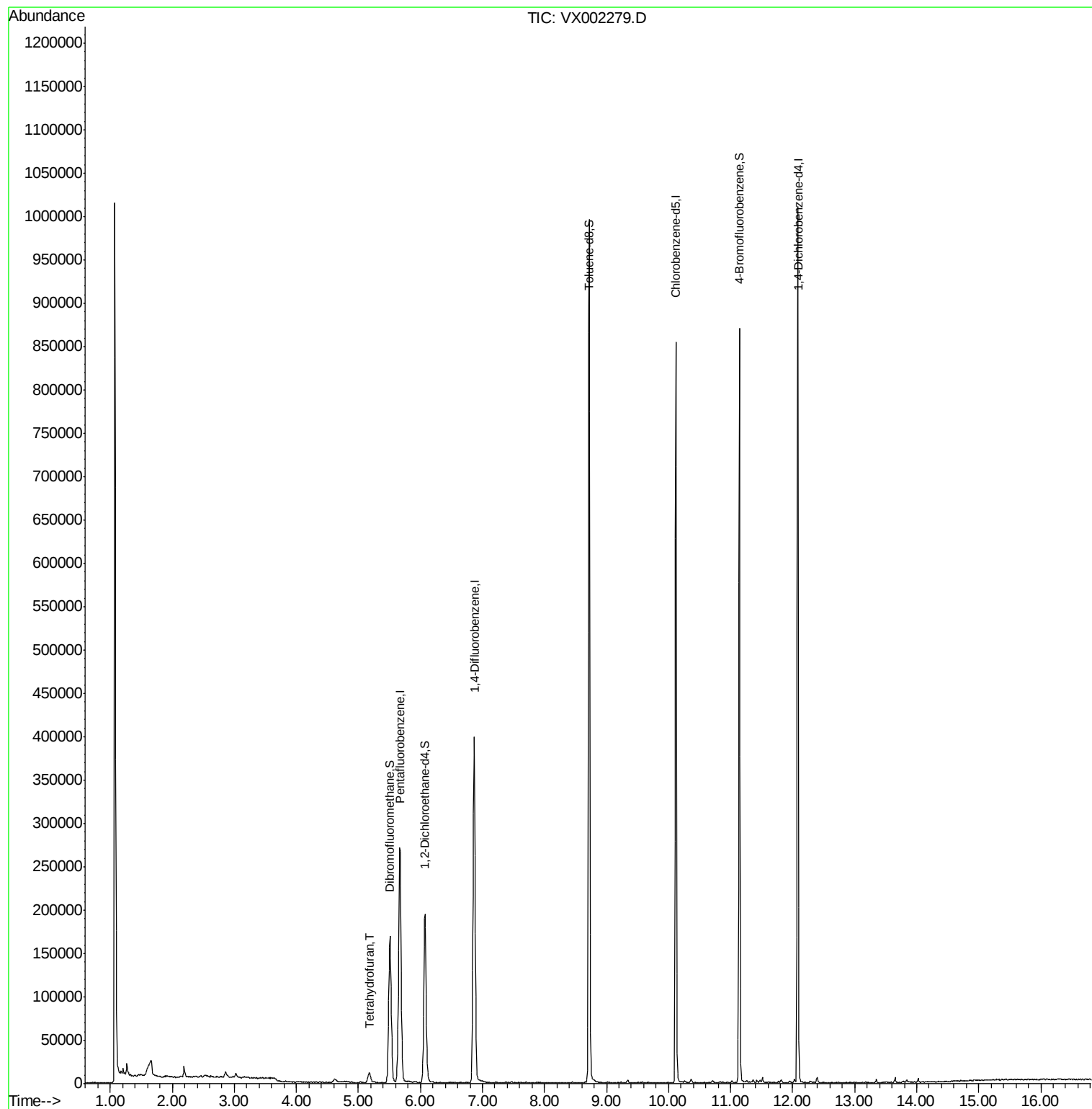
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	185033	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
35) Dibromofluoromethane	5.51	113	137267	44.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.64%	
50) Toluene-d8	8.72	98	561067	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	11.14	95	203453	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
Target Compounds						
29) Tetrahydrofuran	5.17	42	11539	6.702	ug/l	Qvalue 94

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060418\
Data File : VX002279.D
Acq On : 05 Jun 2018 00:33
Operator : JC/MD
Sample : J3234-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF6-0056

Quant Time: Jun 05 07:00:28 2018
Quant Method : Y:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002279.D

Acq: 05 Jun 2018 00:33

Instrument :

MSVOA_X

ClientSampled :

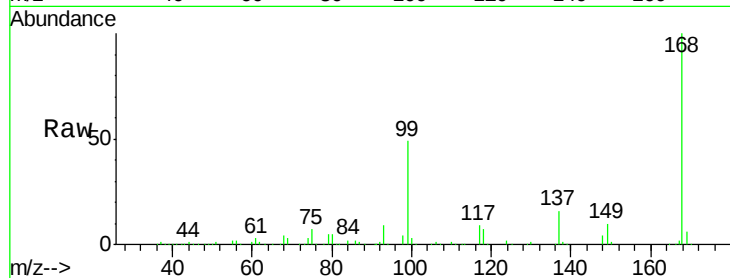
LF6-0056

Tot Ion:168 Resp: 272367

Ion Ratio Lower Upper

168 100

99 49.1 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

100000

80000

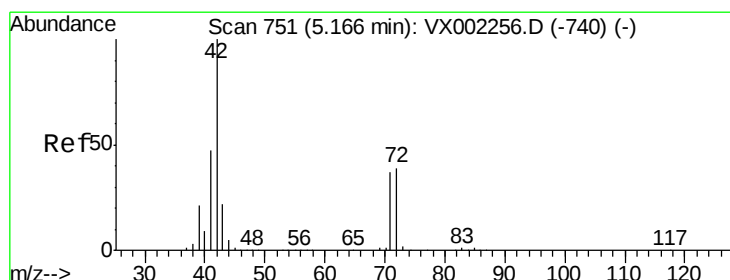
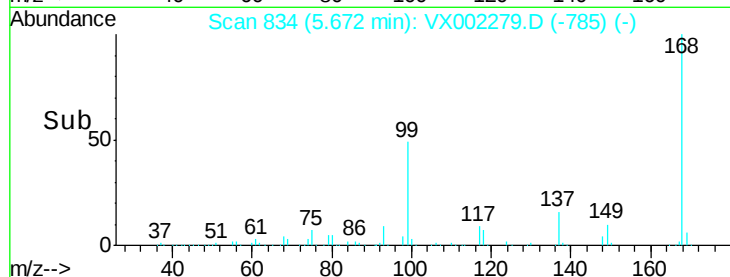
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 6.702 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002279.D

Acq: 05 Jun 2018 00:33

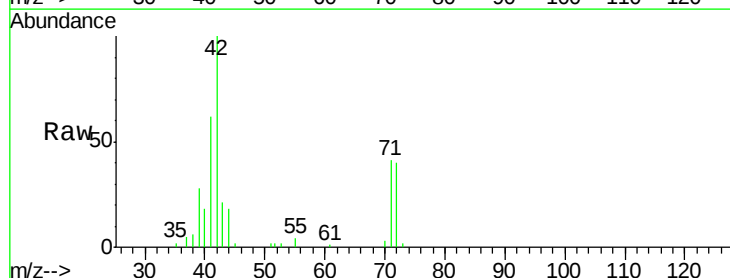
Tgt Ion: 42 Resp: 11539

Ion Ratio Lower Upper

42 100

72 34.6 32.0 48.0

71 35.7 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.17

4000

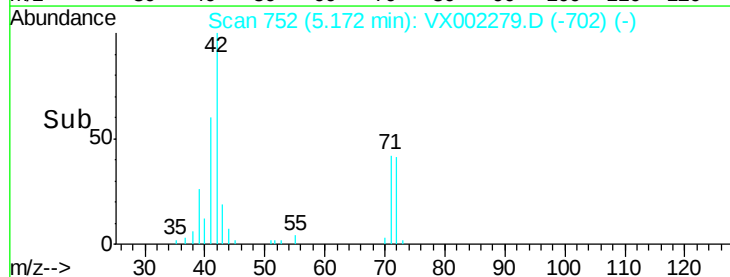
3000

2000

1000

0

Time--> 5.00 5.10 5.20 5.30

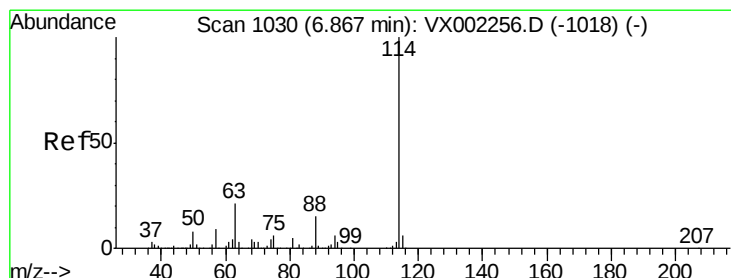
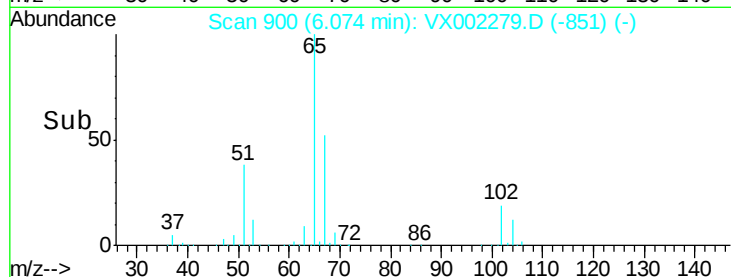
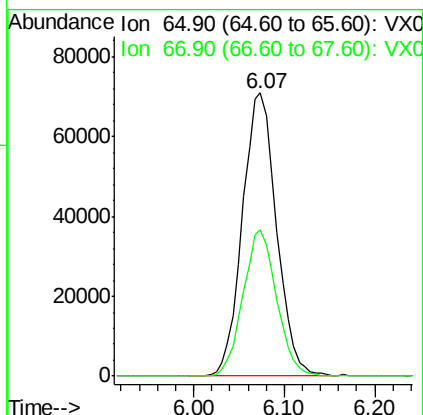
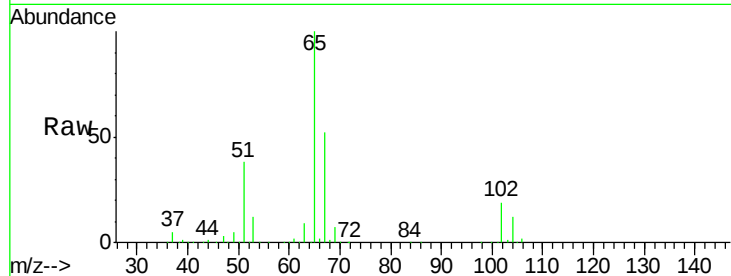




#33
 1,2-Dichloroethane-d4
 Concen: 47.322 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002279.D
 Acq: 05 Jun 2018 00:33

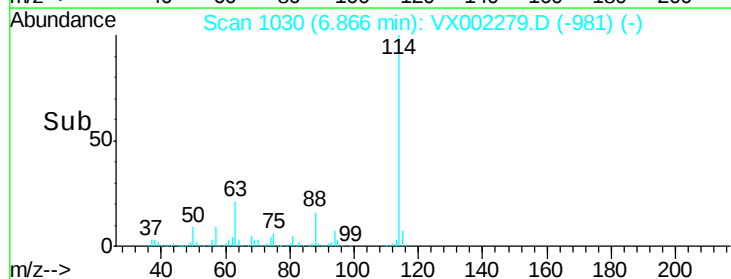
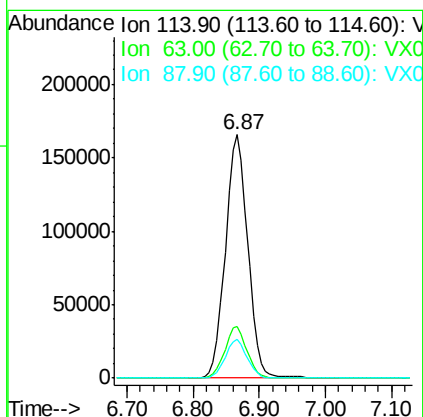
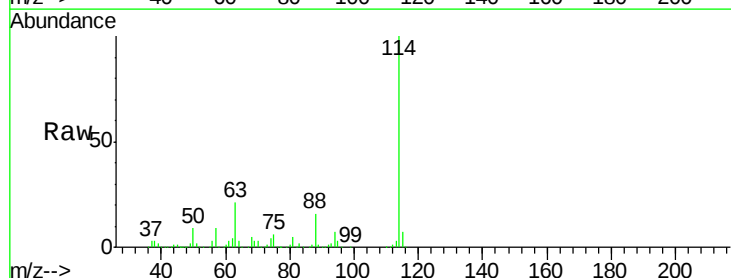
Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0056

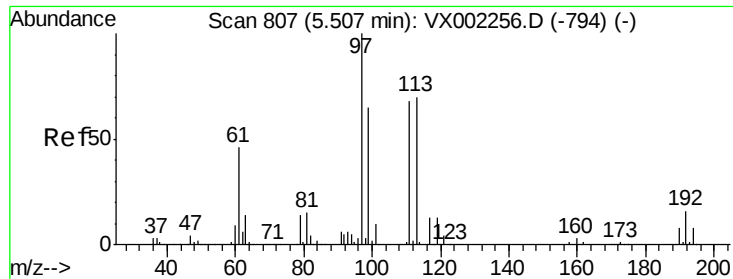
Tot Ion: 65 Resp: 185033
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002279.D
 Acq: 05 Jun 2018 00:33

Tgt Ion: 114 Resp: 389429
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.4
 88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 44.822 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002279.D

Acq: 05 Jun 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

LF6-0056

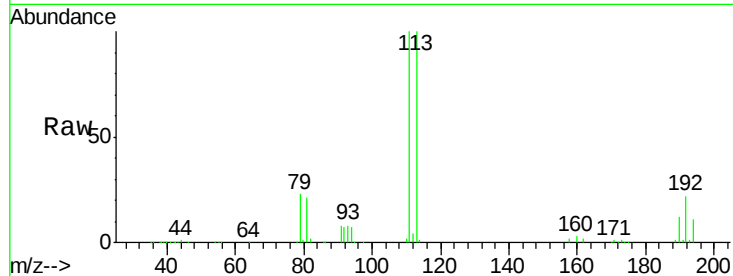
Tot Ion:113 Resp: 137267

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

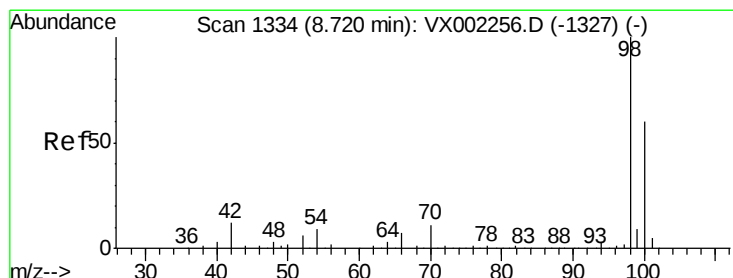
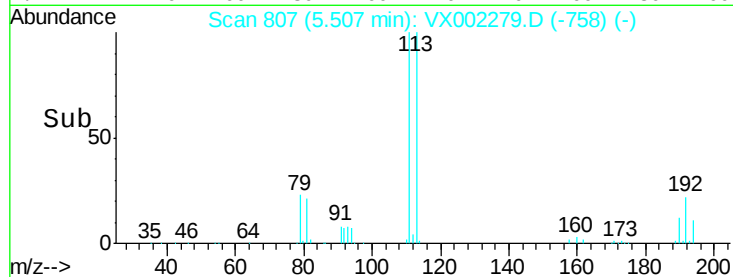
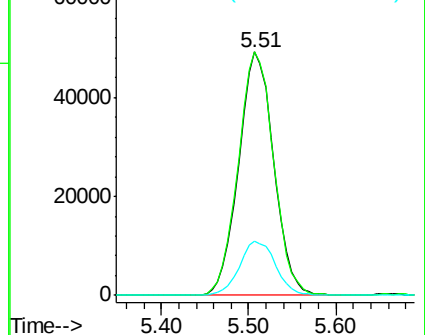
192 22.9 19.1 28.7



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: 47.798 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002279.D

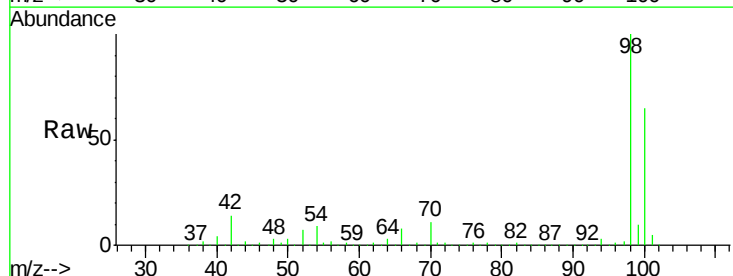
Acq: 05 Jun 2018 00:33

Tgt Ion: 98 Resp: 561067

Ion Ratio Lower Upper

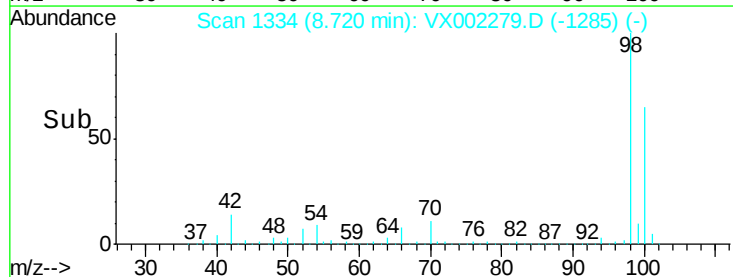
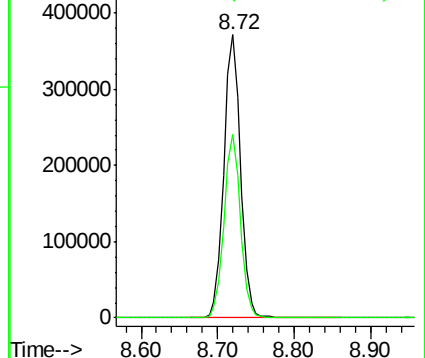
98 100

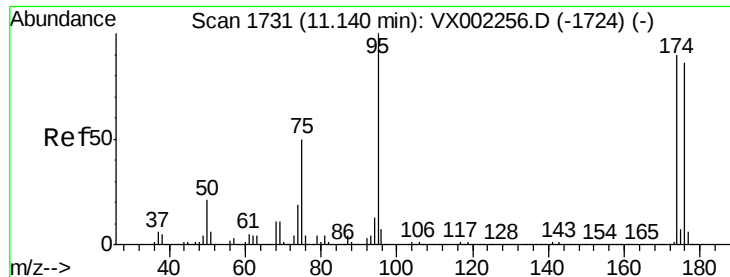
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

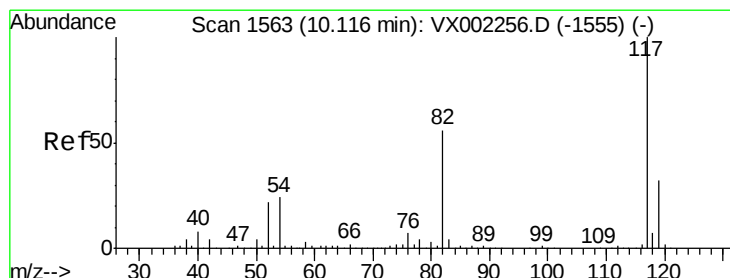
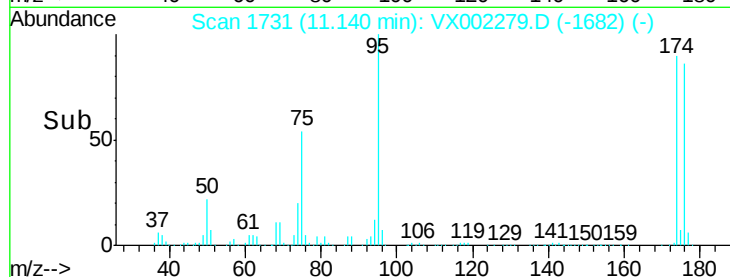
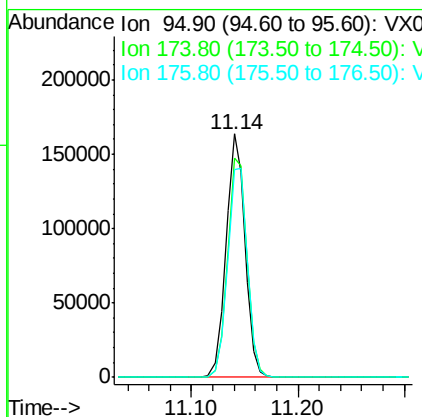
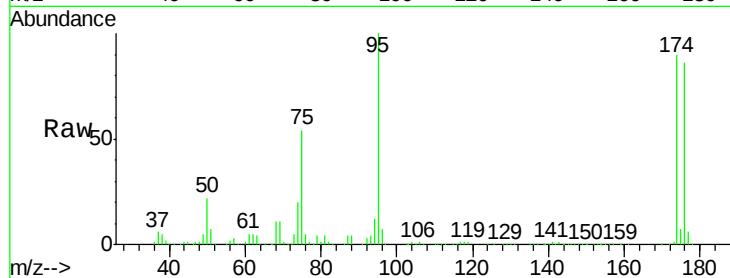




#62
4-Bromofluorobenzene
Concen: 44.947 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002279.D
Acq: 05 Jun 2018 00:33

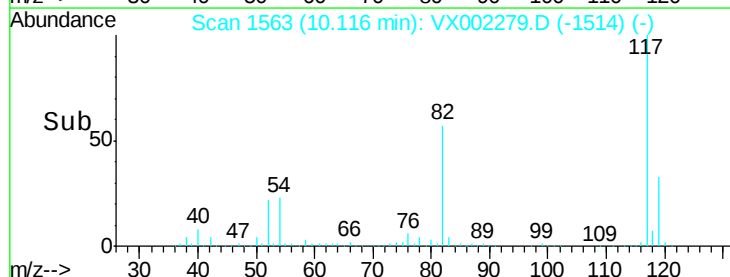
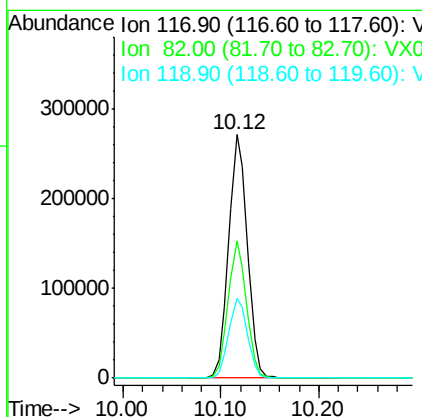
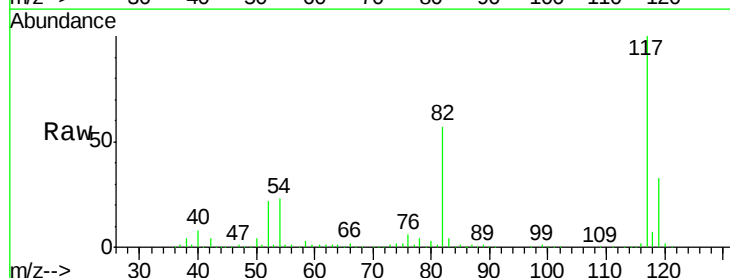
Instrument :
MSVOA_X
ClientSampled :
LF6-0056

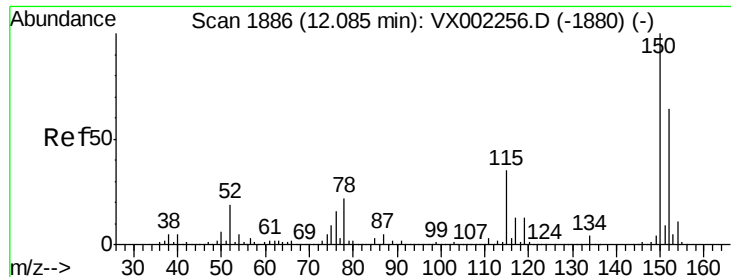
Tot Ion: 95 Resp: 203453
Ion Ratio Lower Upper
95 100
174 93.3 0.0 187.4
176 90.9 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002279.D
Acq: 05 Jun 2018 00:33

Tgt Ion: 117 Resp: 361761
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 33.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002279.D

Acq: 05 Jun 2018 00:33

Instrument :

MSVOA_X

ClientSampleId :

LF6-0056

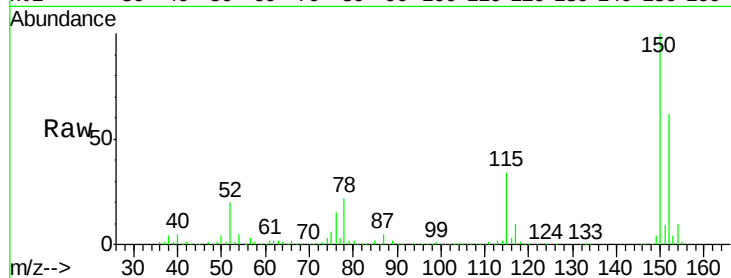
Tot Ion:152 Resp: 209024

Ion Ratio Lower Upper

152 100

115 56.0 40.1 120.2

150 159.2 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

