

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002270.D
 Acq On : 04 Jun 2018 19:40
 Operator : JC/MD
 Sample : J3234-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0058

Quant Time: Jun 05 08:15:18 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

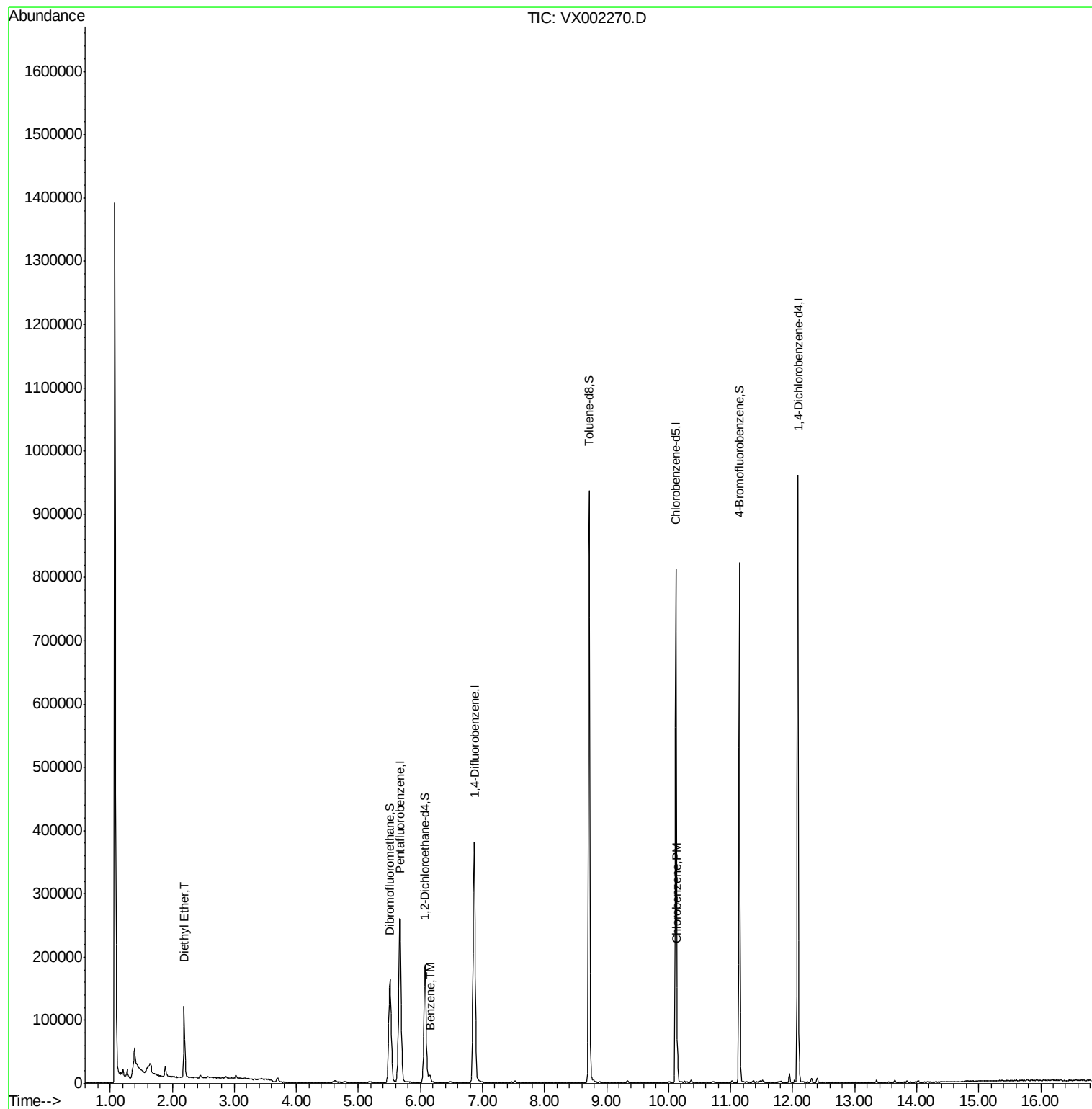
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	195701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177328	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
35) Dibromofluoromethane	5.51	113	133573	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
50) Toluene-d8	8.72	98	544972	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.14	95	191462	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
Target Compounds						
8) Diethyl Ether	2.19	74	36707	18.067	ug/l	99
40) Benzene	6.15	78	12713	1.043	ug/l	94
65) Chlorobenzene	10.14	112	14597	1.688	ug/l	94

(#) = 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: VX002270.D

Acq: 04 Jun 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

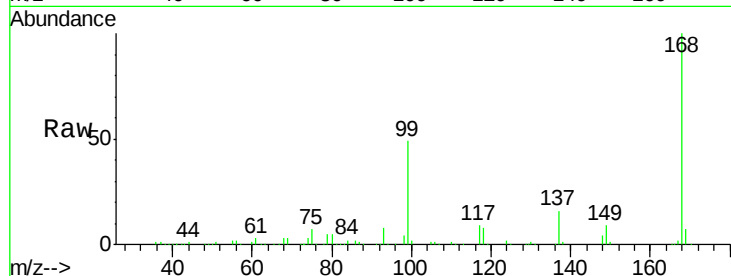
LF6-0058

Tot Ion:168 Resp: 264049

Ion Ratio Lower Upper

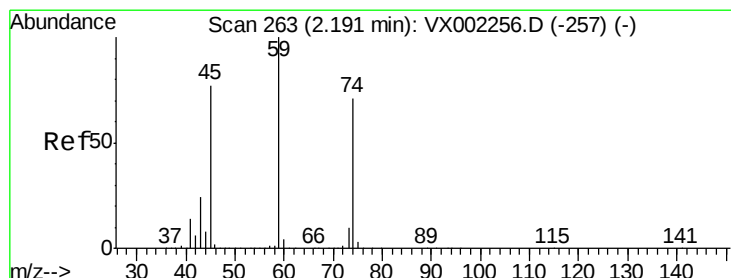
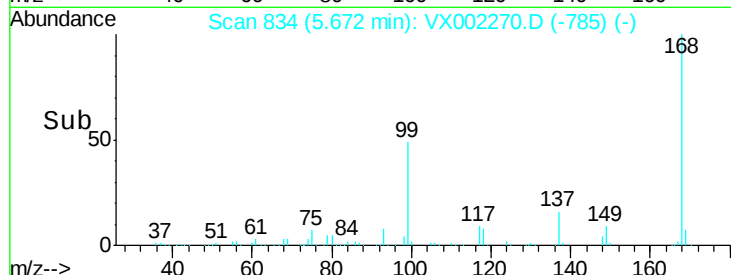
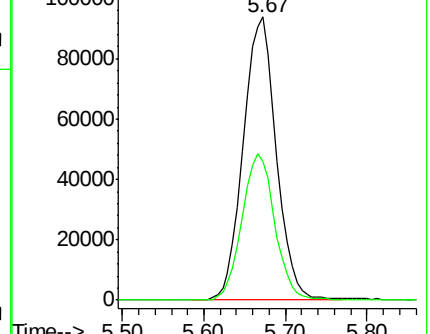
168 100

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



#8

Diethyl Ether

Concen: 18.067 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002270.D

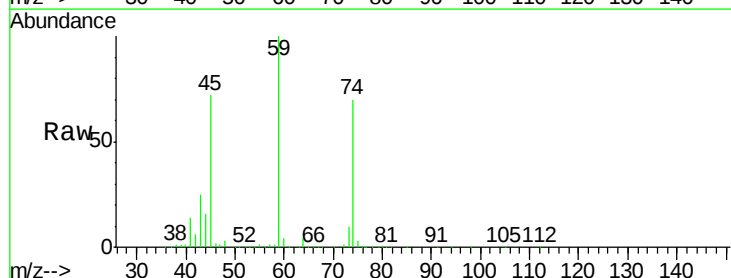
Acq: 04 Jun 2018 19:40

Tgt Ion: 74 Resp: 36707

Ion Ratio Lower Upper

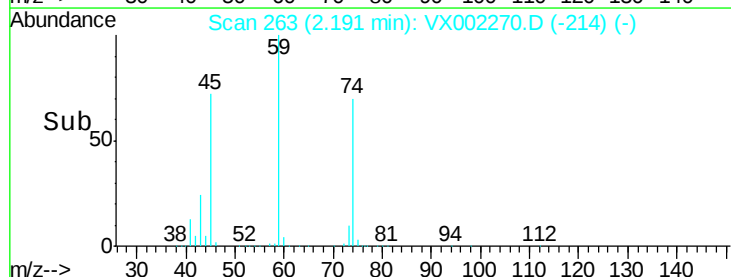
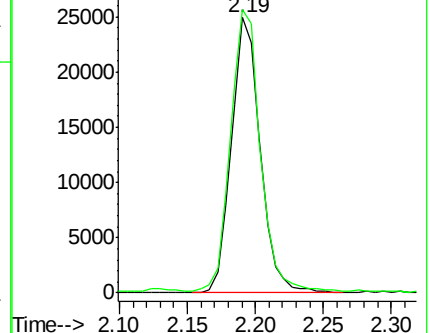
74 100

45 104.9 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

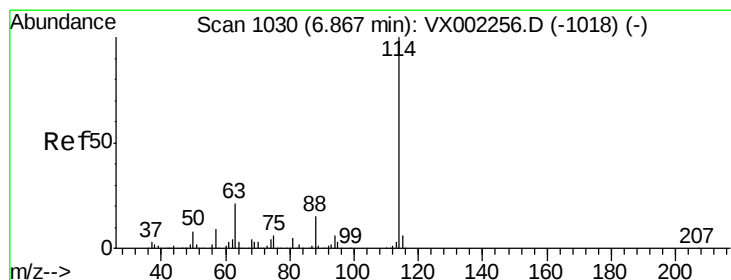
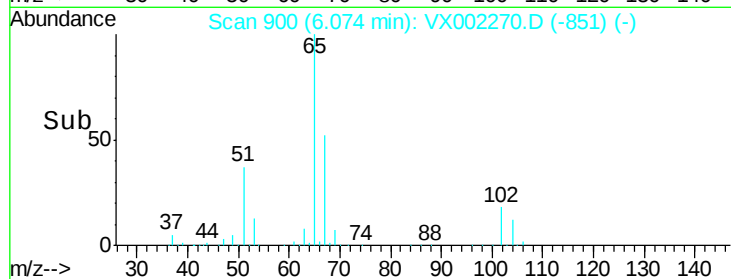
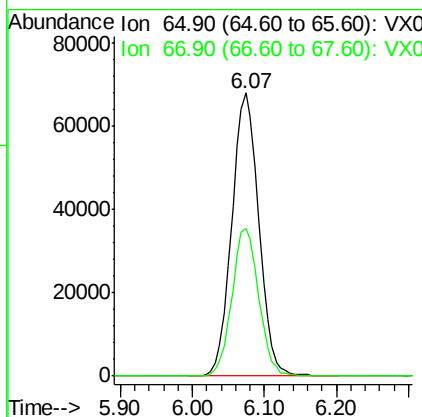
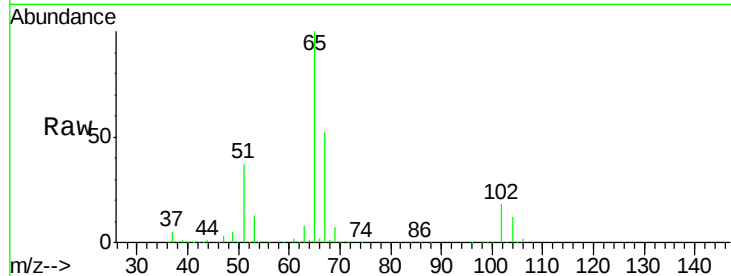




#33
 1,2-Dichloroethane-d4
 Concen: 46.737 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002270.D
 Acq: 04 Jun 2018 19:40

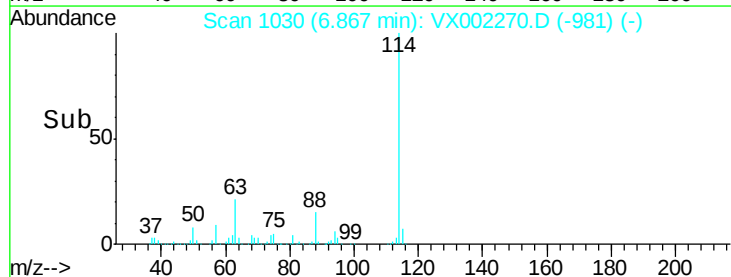
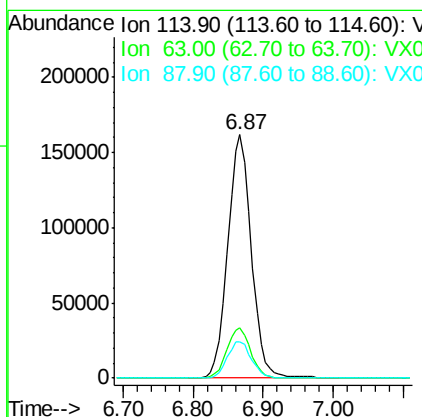
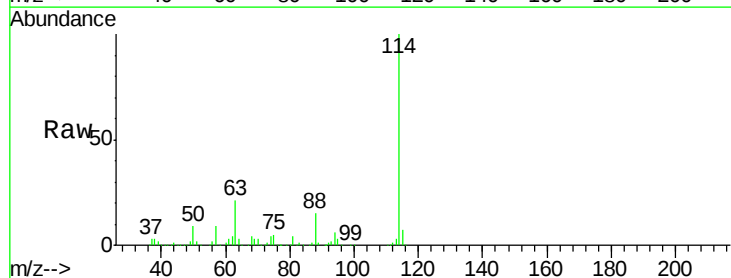
Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0058

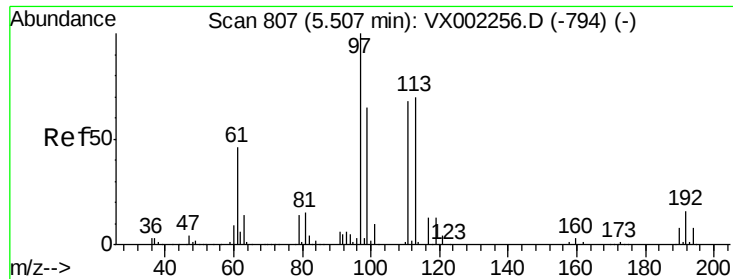
Tot Ion: 65 Resp: 177328
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002270.D
 Acq: 04 Jun 2018 19:40

Tgt Ion: 114 Resp: 378152
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.0 0.0 30.0

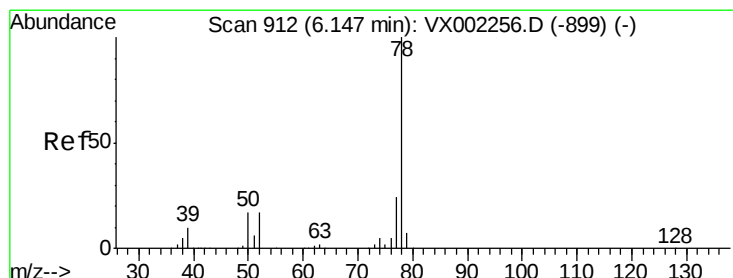
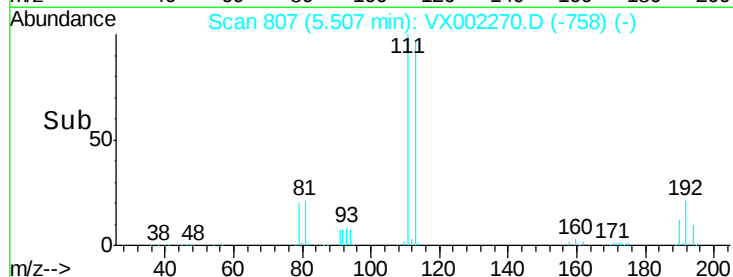
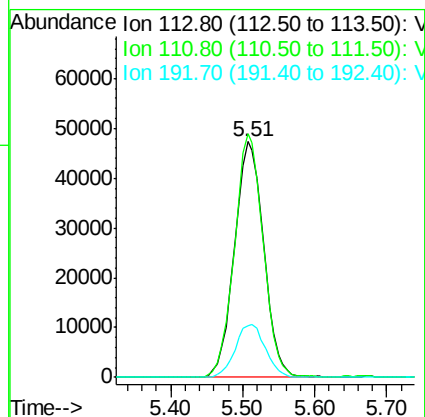
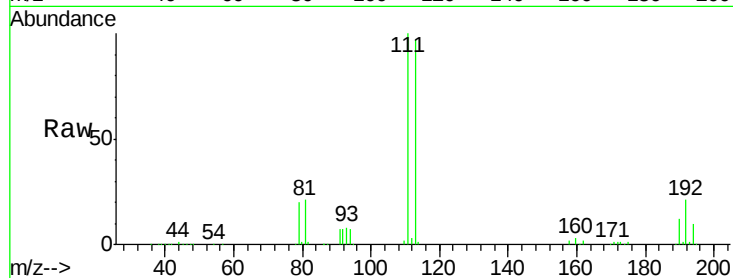




#35
 Dibromofluoromethane
 Concen: 44.916 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002270.D
 Acq: 04 Jun 2018 19:40

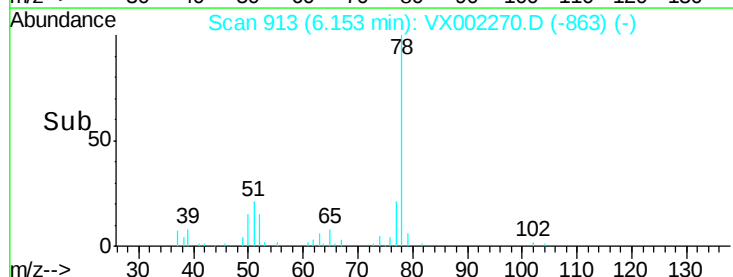
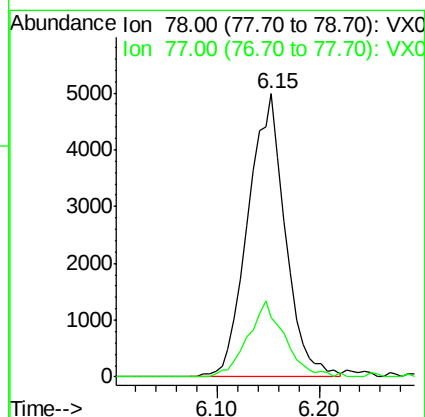
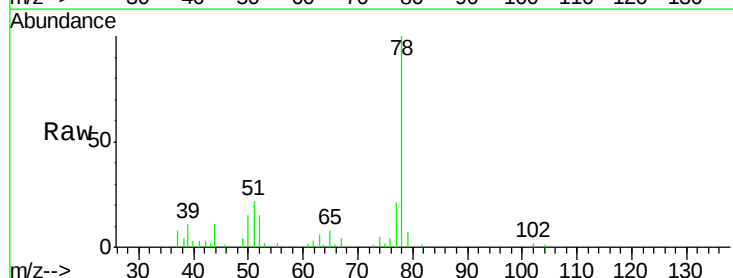
Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0058

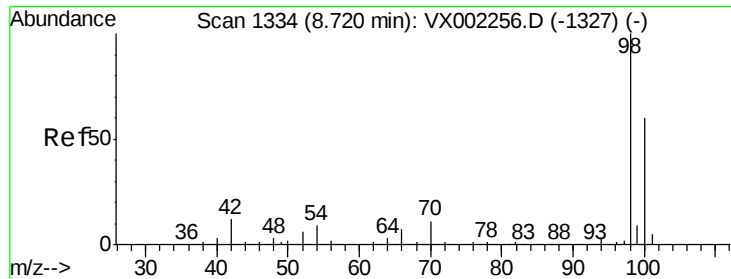
Tot Ion:113 Resp: 133573
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 23.1 19.1 28.7



#40
 Benzene
 Concen: 1.043 ug/l
 RT: 6.15 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VX002270.D
 Acq: 04 Jun 2018 19:40

Tgt Ion: 78 Resp: 12713
 Ion Ratio Lower Upper
 78 100
 77 21.1 19.1 28.7

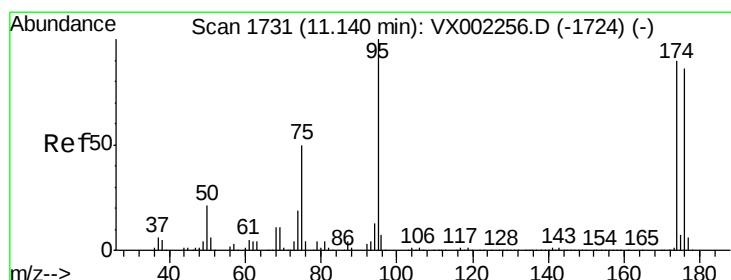
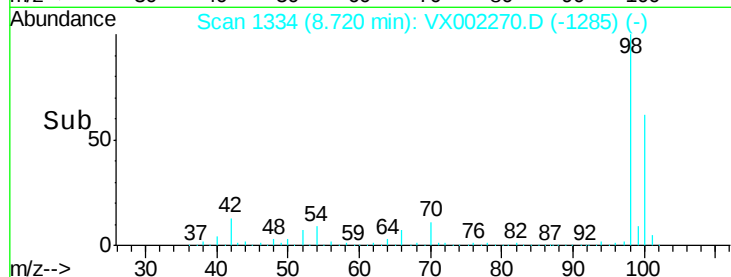
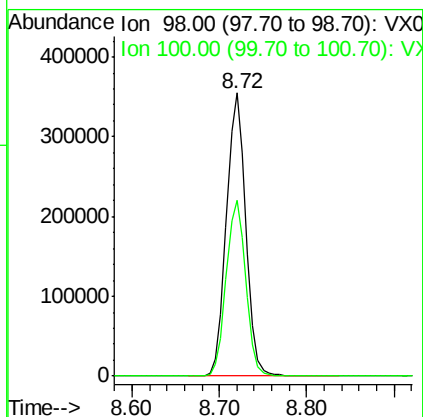
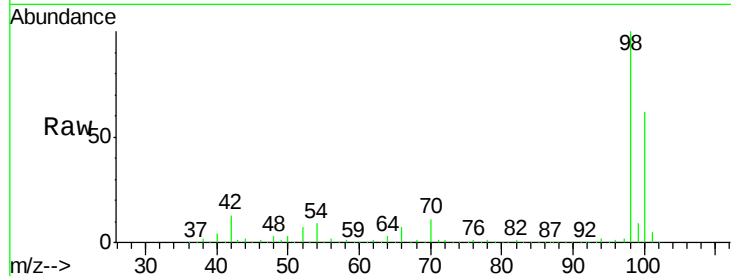




#50
Toluene-d8
Concen: 47.811 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002270.D
Acq: 04 Jun 2018 19:40

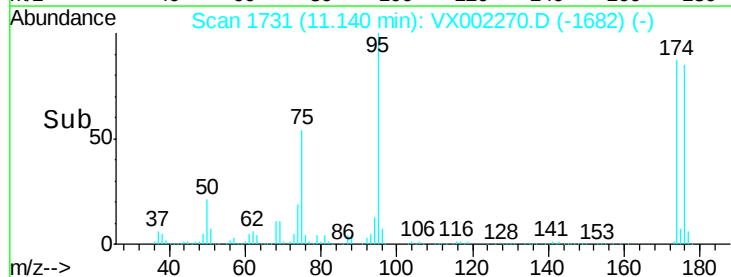
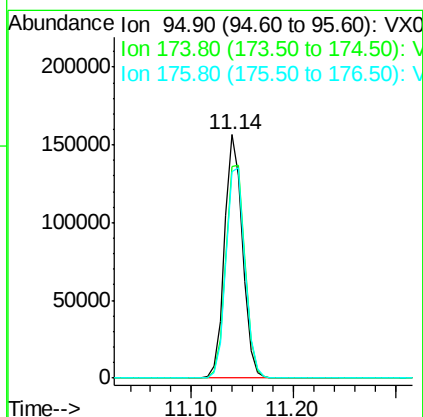
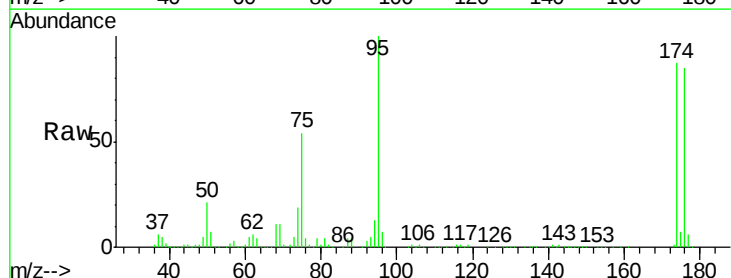
Instrument :
MSVOA_X
ClientSampleId :
LF6-0058

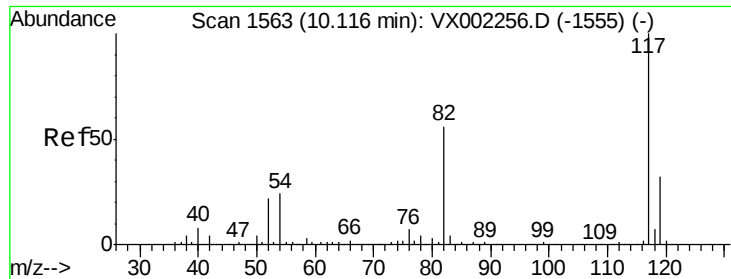
Tot Ion: 98 Resp: 544972
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.560 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002270.D
Acq: 04 Jun 2018 19:40

Tgt Ion: 95 Resp: 191462
Ion Ratio Lower Upper
95 100
174 93.3 0.0 187.4
176 91.0 0.0 181.0

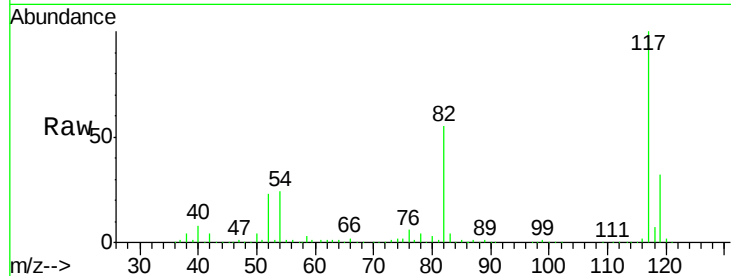




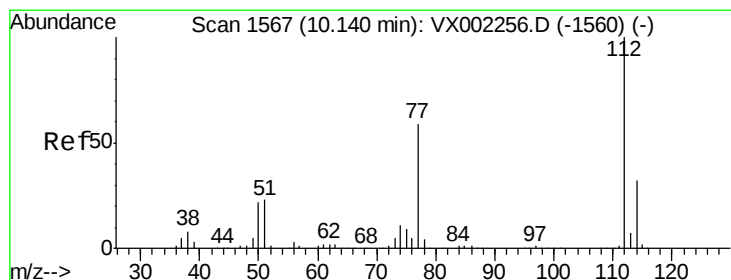
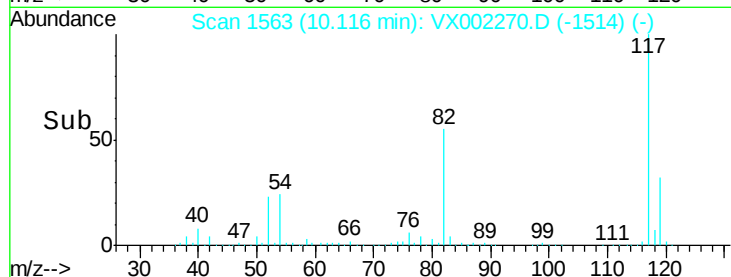
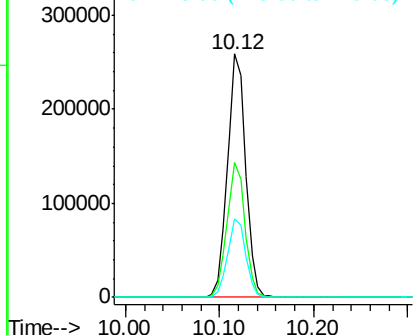
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002270.D
Acq: 04 Jun 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
LF6-0058

Tot Ion:117 Resp: 347468
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.0 25.8 38.6

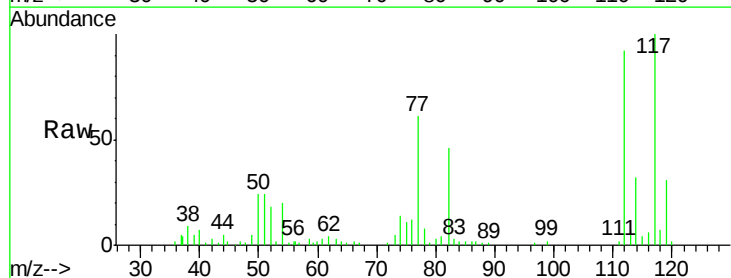


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

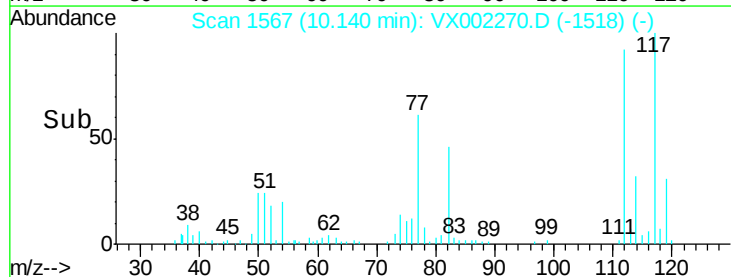
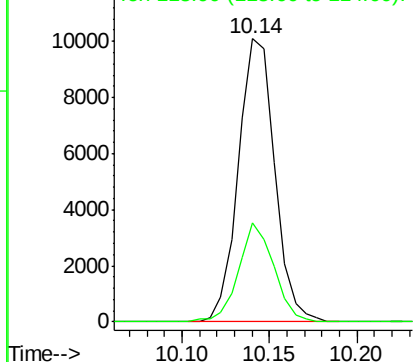


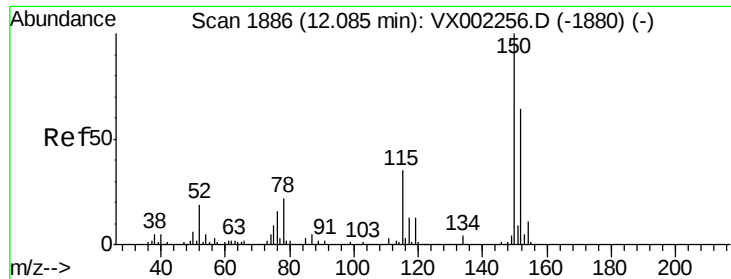
#65
Chlorobenzene
Concen: 1.688 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002270.D
Acq: 04 Jun 2018 19:40

Tgt Ion:112 Resp: 14597
Ion Ratio Lower Upper
112 100
114 35.2 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VX002270.D

Acq: 04 Jun 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

LF6-0058

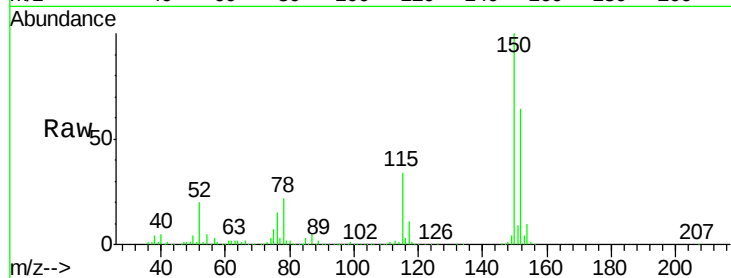
Tot Ion:152 Resp: 195701

Ion Ratio Lower Upper

152 100

115 55.5 40.1 120.2

150 157.0 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

