

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002470.D
 Acq On : 12 Jun 2018 16:51
 Operator : JC/MD
 Sample : J3402-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF5-0066

Quant Time: Jun 13 11:00:21 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	207867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	308611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159435	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	170237	57.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.62%	
35) Dibromofluoromethane	5.51	113	128122	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
50) Toluene-d8	8.72	98	496961	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
62) 4-Bromofluorobenzene	11.14	95	172380	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	

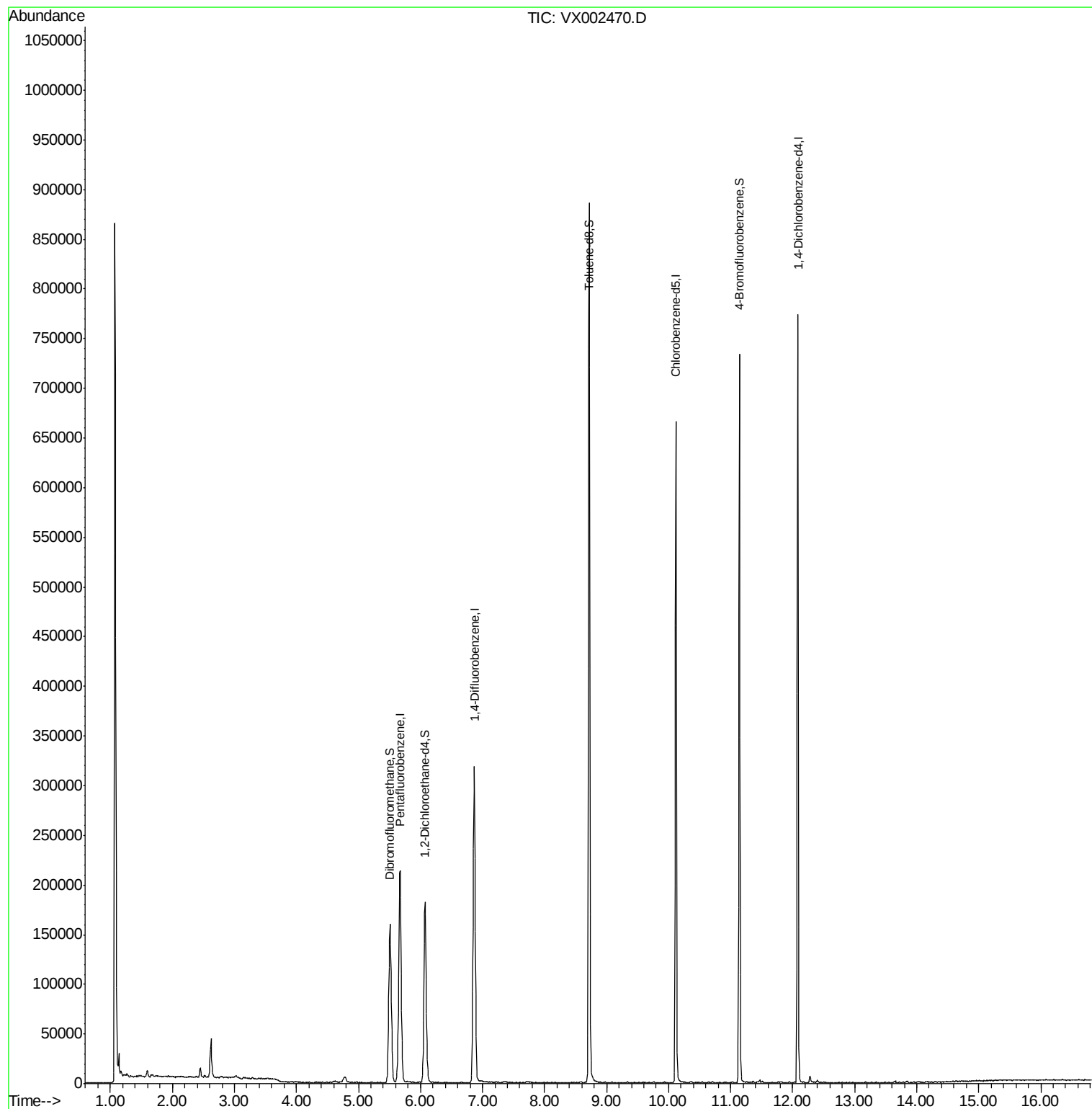
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002470.D

Acq: 12 Jun 2018 16:51

Instrument :

MSVOA_X

ClientSampled :

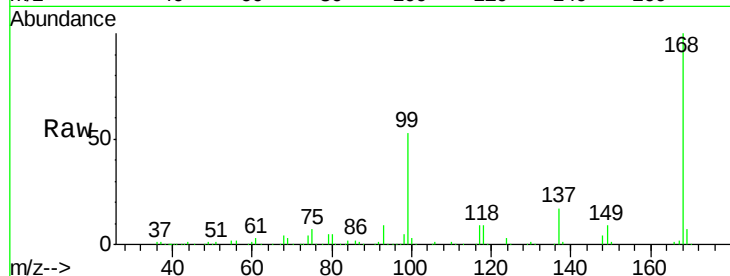
LF5-0066

Tot Ion:168 Resp: 207867

Ion Ratio Lower Upper

168 100

99 52.6 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

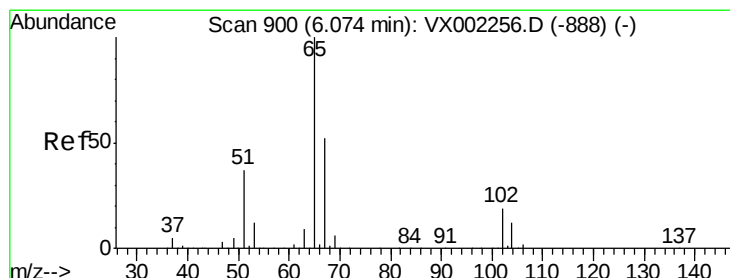
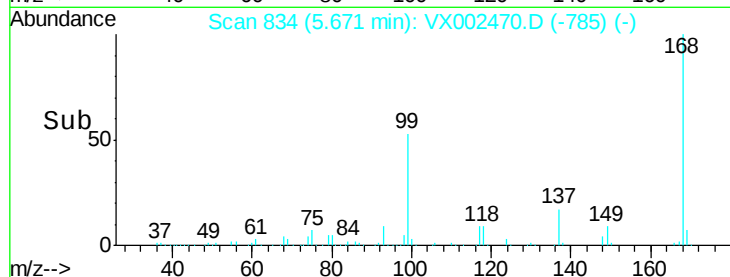
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 57.811 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002470.D

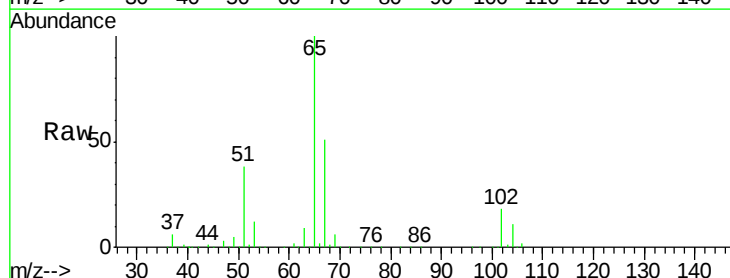
Acq: 12 Jun 2018 16:51

Tgt Ion: 65 Resp: 170237

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

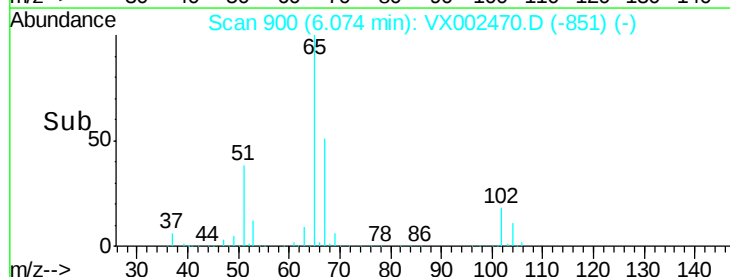
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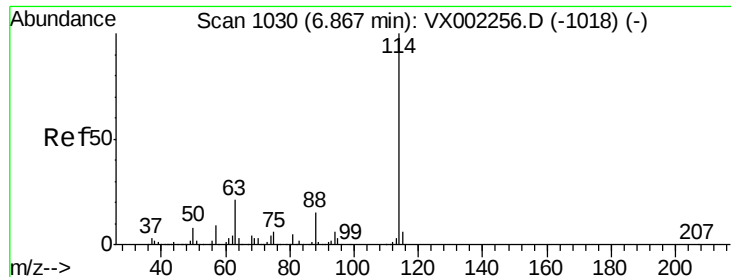
20000

0

Time-->

5.90 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: VX002470.D

Acq: 12 Jun 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

LF5-0066

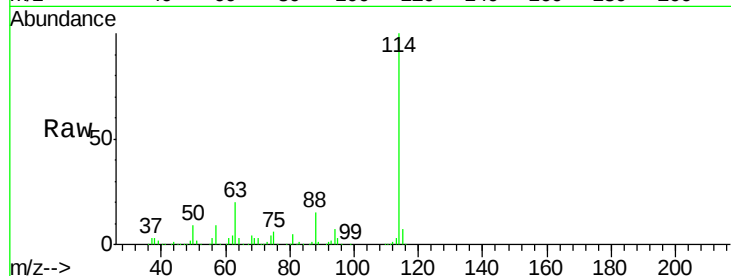
Tot Ion:114 Resp: 308611

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

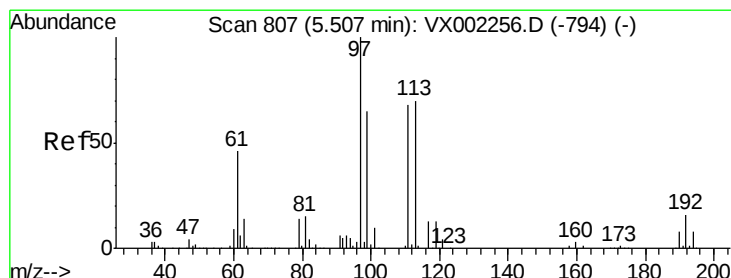
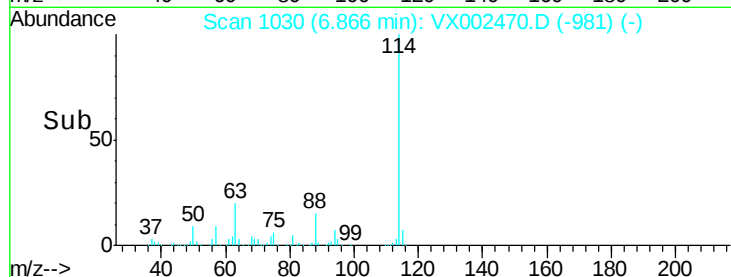
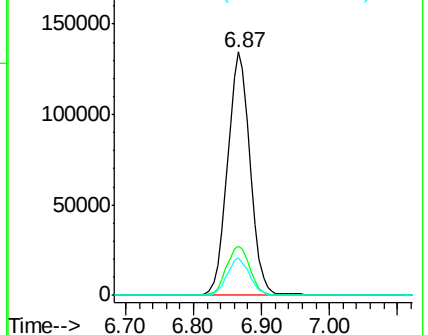
88 15.3 0.0 30.0



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: 52.792 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002470.D

Acq: 12 Jun 2018 16:51

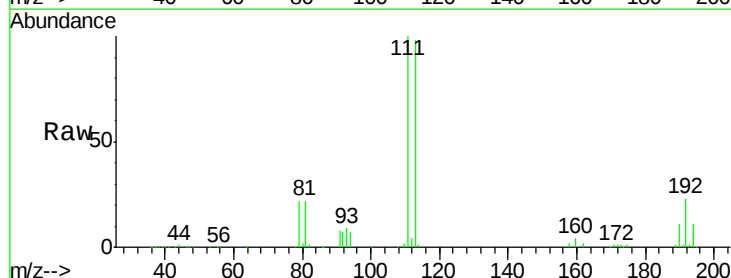
Tgt Ion:113 Resp: 128122

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

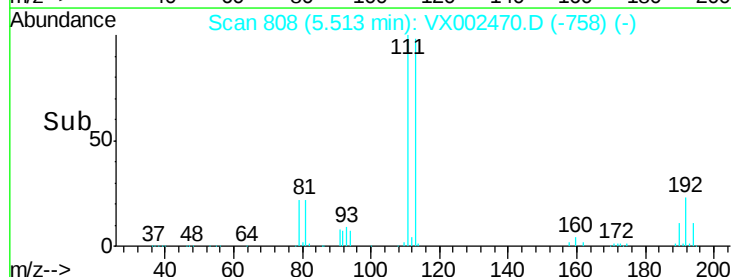
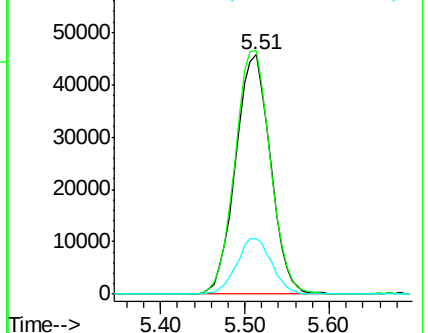
192 23.4 19.1 28.7

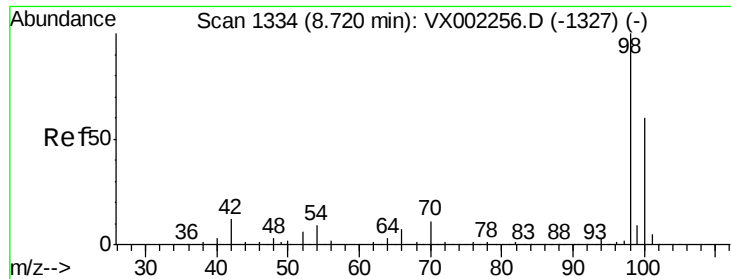


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

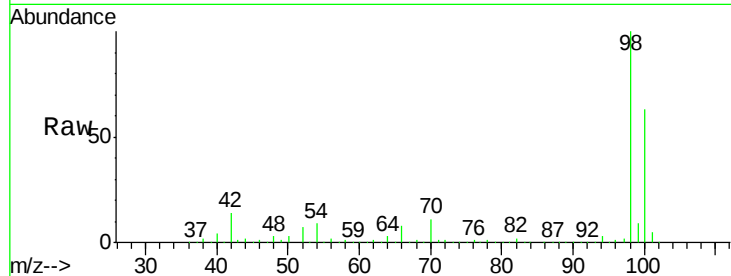




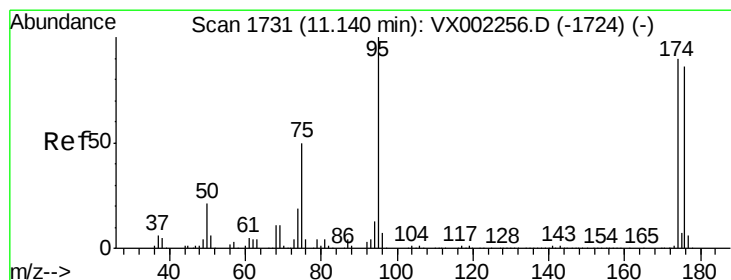
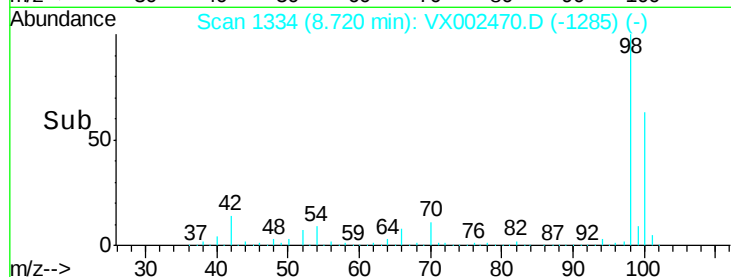
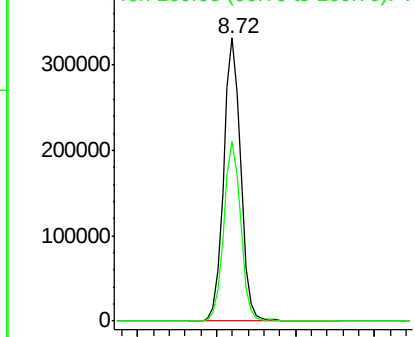
#50
Toluene-d8
Concen: 53.423 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002470.D
Acq: 12 Jun 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
LF5-0066

Tot Ion: 98 Resp: 496961
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

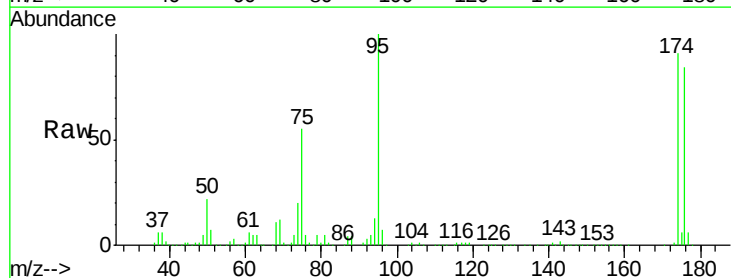


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

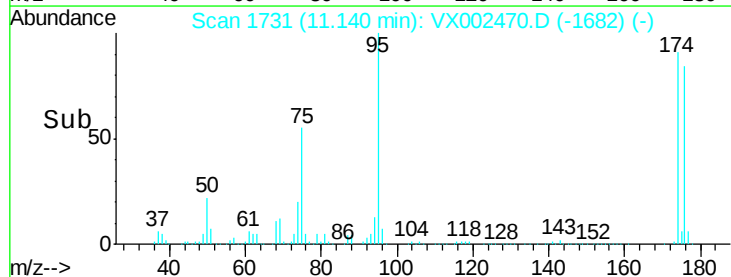
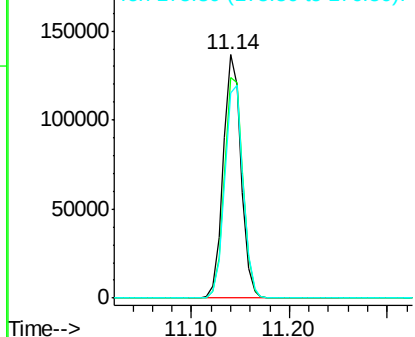


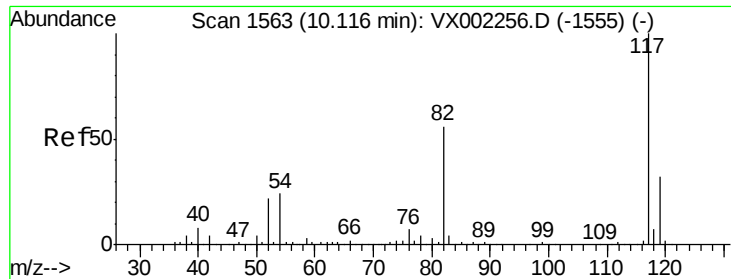
#62
4-Bromofluorobenzene
Concen: 48.055 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002470.D
Acq: 12 Jun 2018 16:51

Tgt Ion: 95 Resp: 172380
Ion Ratio Lower Upper
95 100
174 94.2 0.0 187.4
176 90.5 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

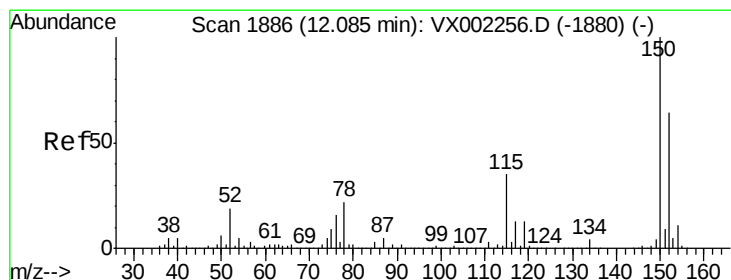
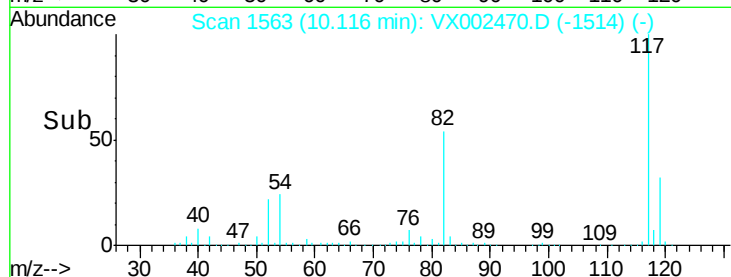
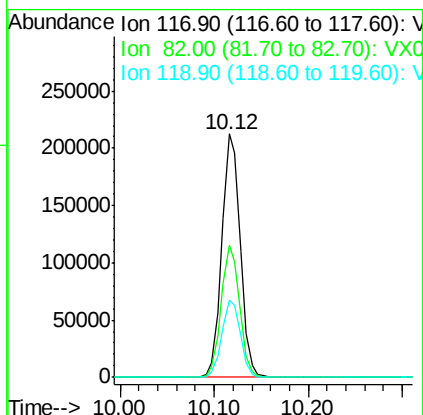
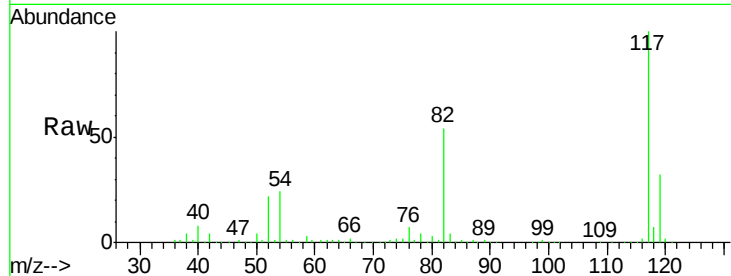




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002470.D
Acq: 12 Jun 2018 16:51

Instrument :
MSVOA_X
ClientSampled :
LF5-0066

Tot Ion:117 Resp: 287998
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002470.D
Acq: 12 Jun 2018 16:51

Tgt Ion:152 Resp: 159435
Ion Ratio Lower Upper
152 100
115 54.2 40.1 120.2
150 156.5 0.0 347.2

