

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002518.D
 Acq On : 13 Jun 2018 19:35
 Operator : JC/MD
 Sample : J3402-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF5-0072

Quant Time: Jun 14 03:16:14 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	199025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	291754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	137132	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159618	56.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.08%	
35) Dibromofluoromethane	5.51	113	118755	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	8.72	98	462512	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
62) 4-Bromofluorobenzene	11.14	95	151595	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	

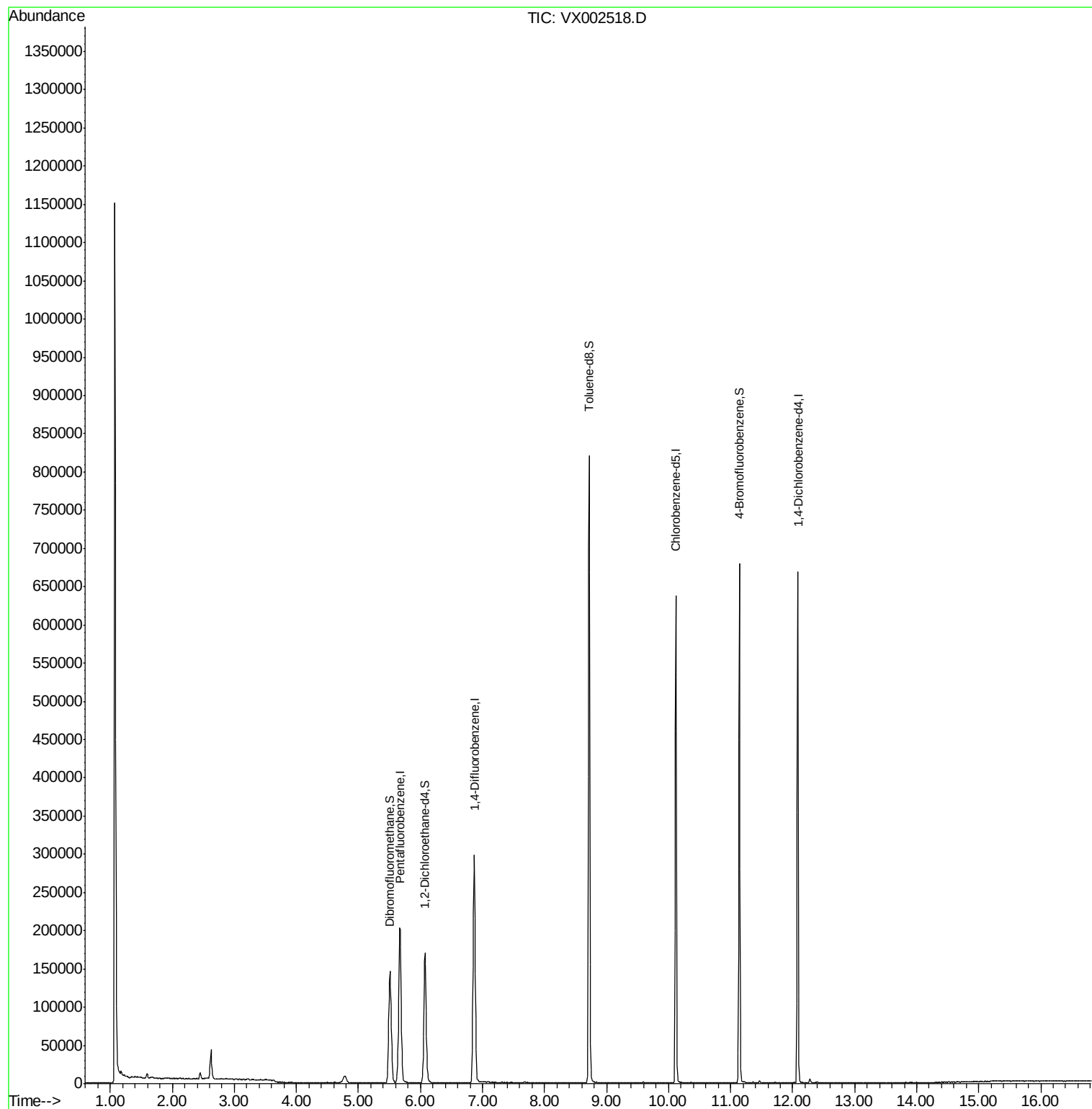
Target Compounds	Qvalue
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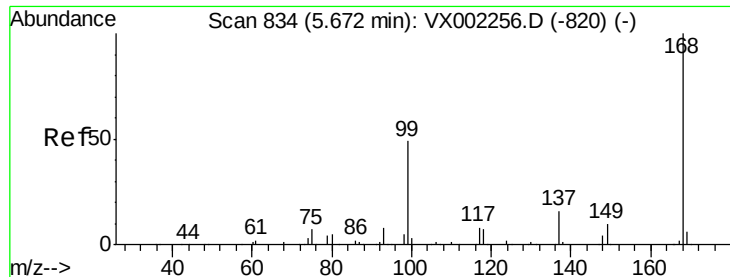
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002518.D

Acq: 13 Jun 2018 19:35

Instrument :

MSVOA_X

ClientSampleId :

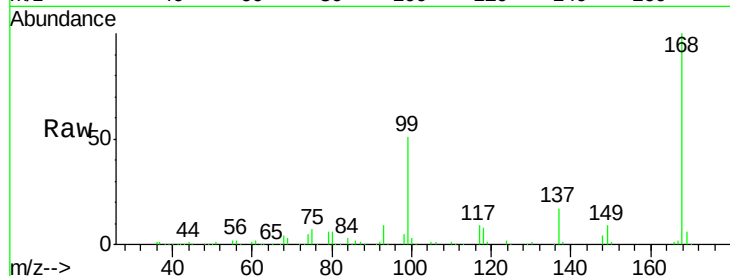
LF5-0072

Tot Ion:168 Resp: 199025

Ion Ratio Lower Upper

168 100

99 50.6 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

60000

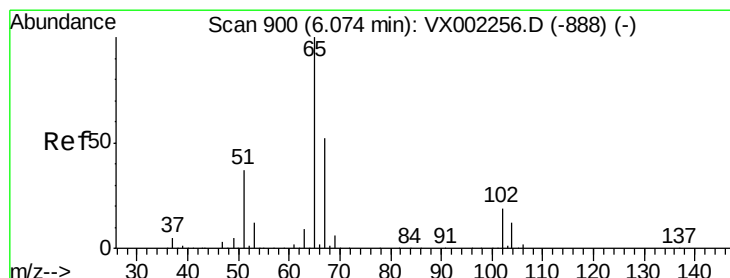
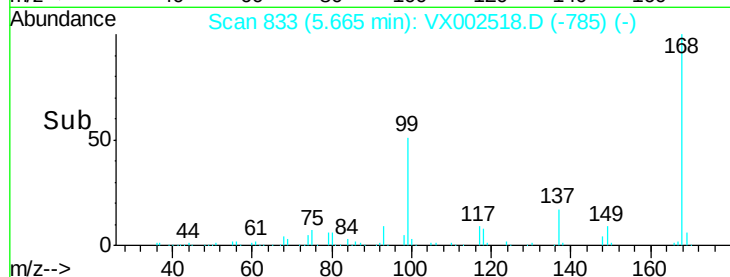
40000

20000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.536 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002518.D

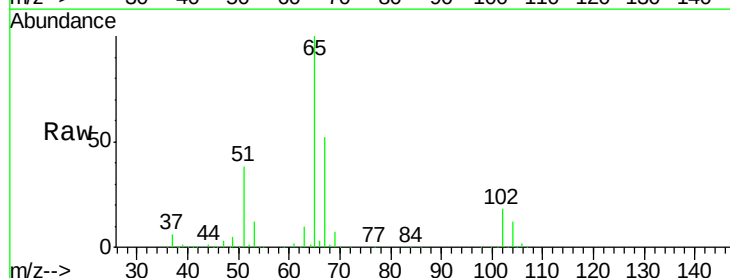
Acq: 13 Jun 2018 19:35

Tgt Ion: 65 Resp: 159618

Ion Ratio Lower Upper

65 100

67 51.2 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

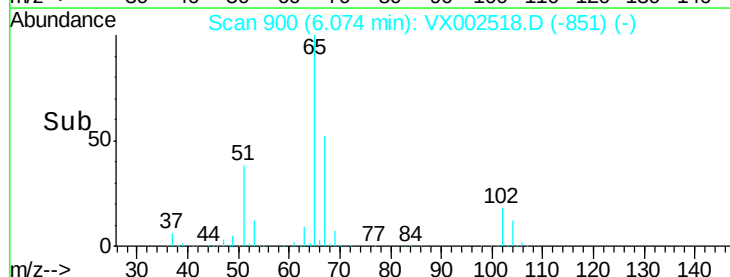
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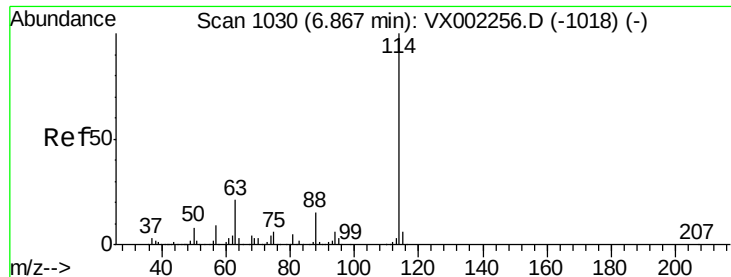
20000

0

6.00 6.10 6.20

Time-->

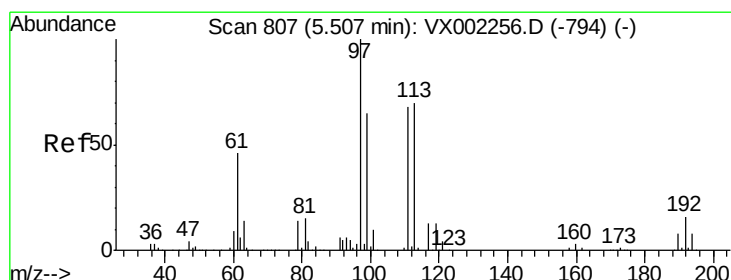
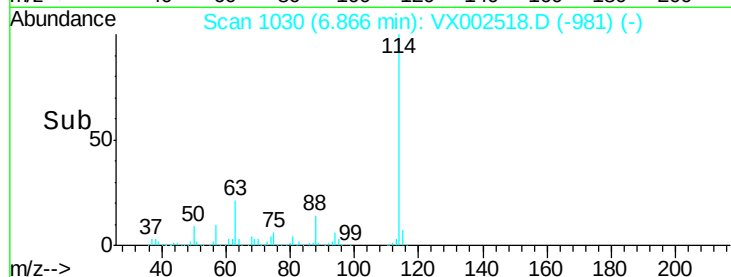
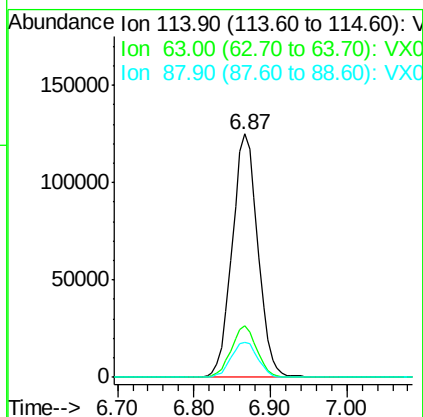
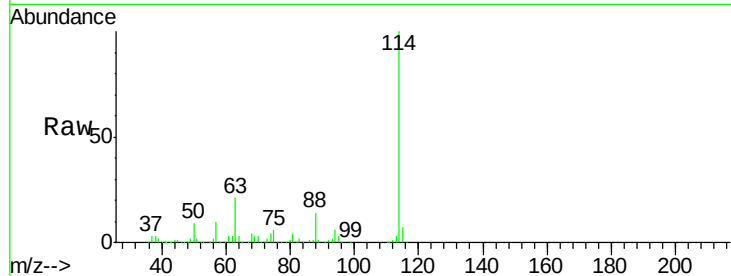




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002518.D
 Acq: 13 Jun 2018 19:35

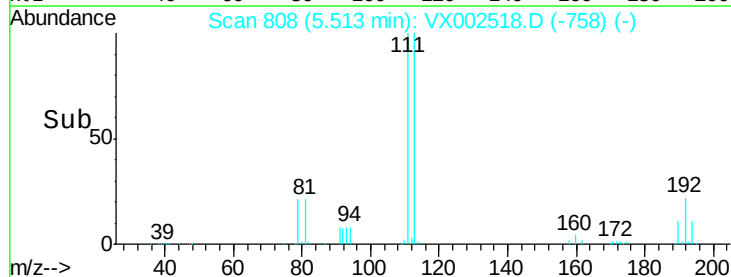
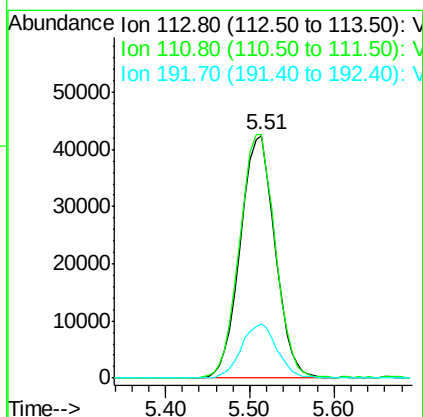
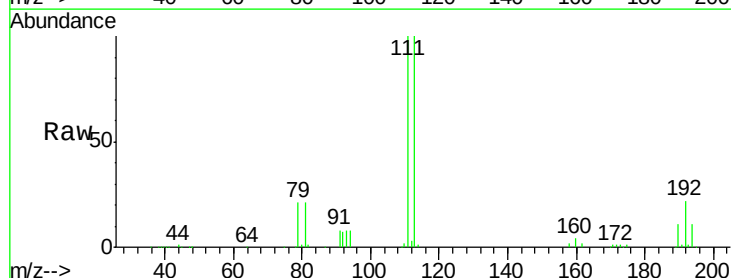
Instrument :
 MSVOA_X
 ClientSampleId :
 LF5-0072

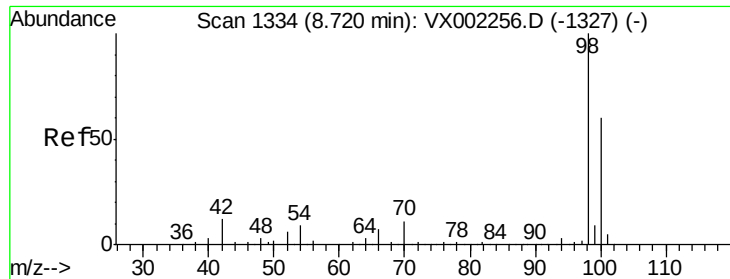
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.4
88	14.3	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 51.759 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002518.D
 Acq: 13 Jun 2018 19:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	22.7	19.1	28.7

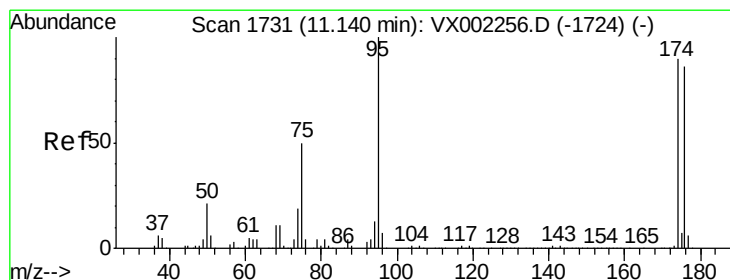
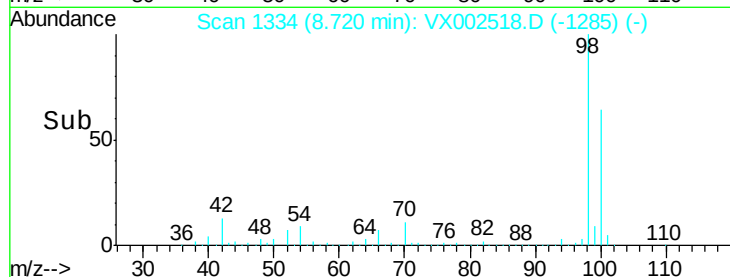
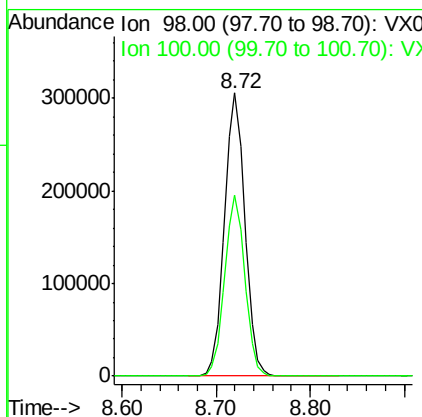
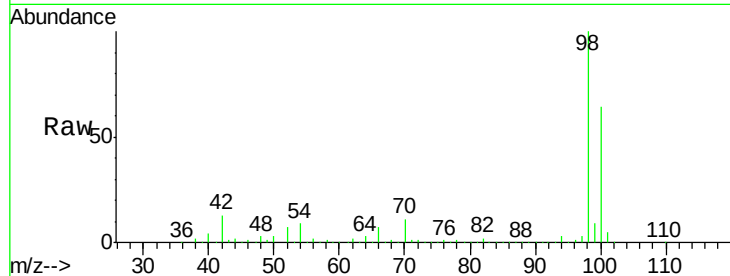




#50
Toluene-d8
Concen: 52.593 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002518.D
Acq: 13 Jun 2018 19:35

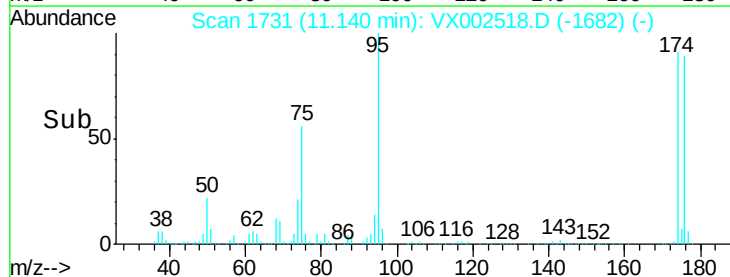
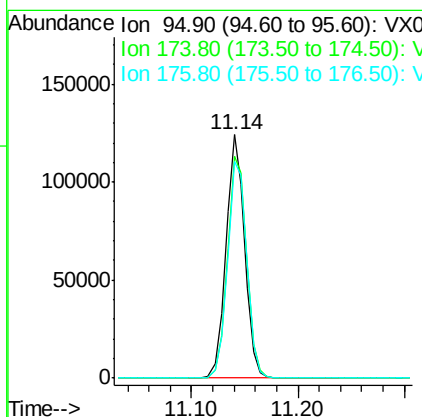
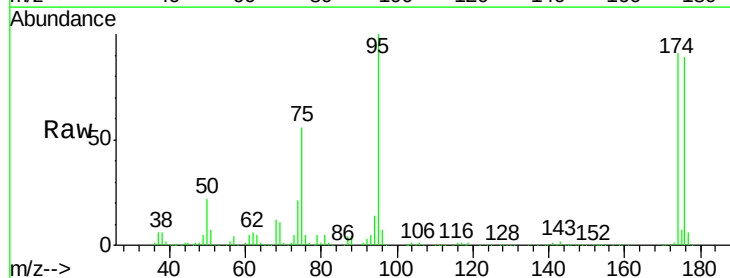
Instrument :
MSVOA_X
ClientSampleId :
LF5-0072

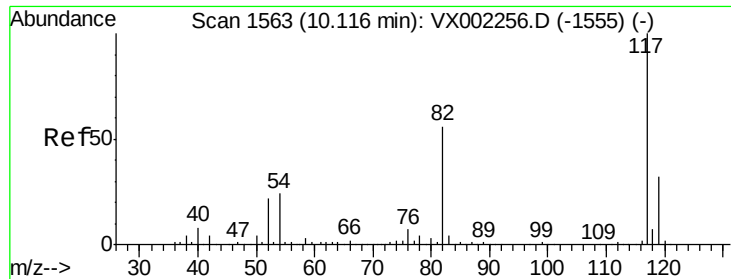
Tot Ion: 98 Resp: 462512
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.703 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002518.D
Acq: 13 Jun 2018 19:35

Tgt Ion: 95 Resp: 151595
Ion Ratio Lower Upper
95 100
174 94.6 0.0 187.4
176 92.5 0.0 181.0

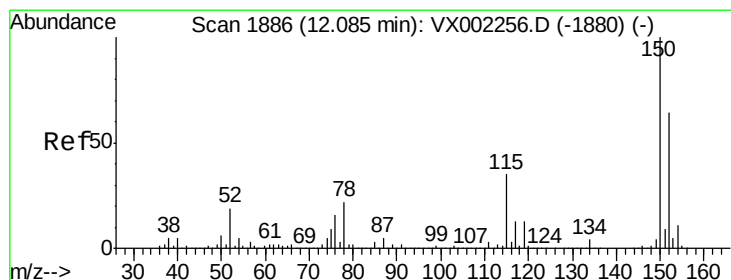
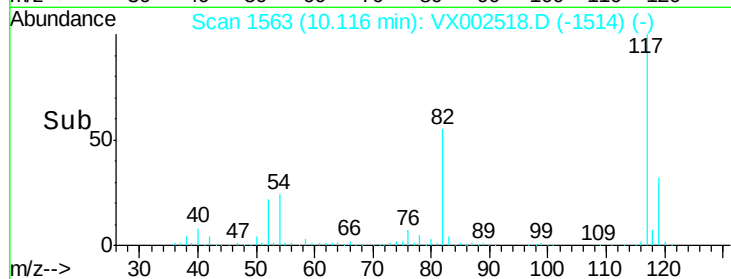
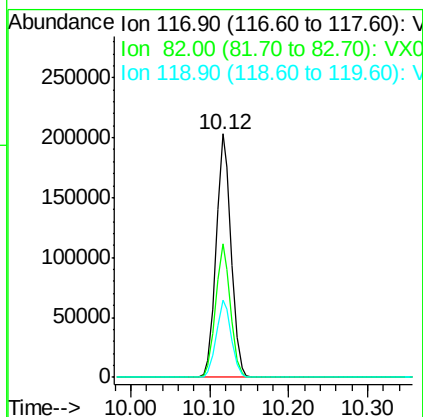
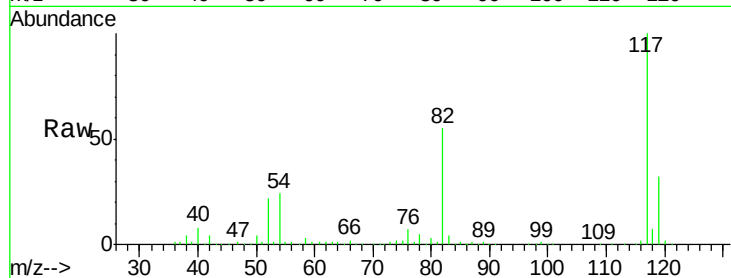




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002518.D
Acq: 13 Jun 2018 19:35

Instrument :
MSVOA_X
ClientSampled :
LF5-0072

Tot Ion:117 Resp: 267909
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 31.9 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: VX002518.D
Acq: 13 Jun 2018 19:35

Tgt Ion:152 Resp: 137132
Ion Ratio Lower Upper
152 100
115 54.9 40.1 120.2
150 157.1 0.0 347.2

