

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010166.D
 Acq On : 10 Jun 2019 10:28
 Operator : JC/SP
 Sample : VX0610WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBL01

Quant Time: Jun 11 06:56:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	300125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	450741	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	396147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182572	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	139519	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
35) Dibromofluoromethane	5.49	113	147313	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
50) Toluene-d8	8.71	98	547835	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.13	95	185994	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	

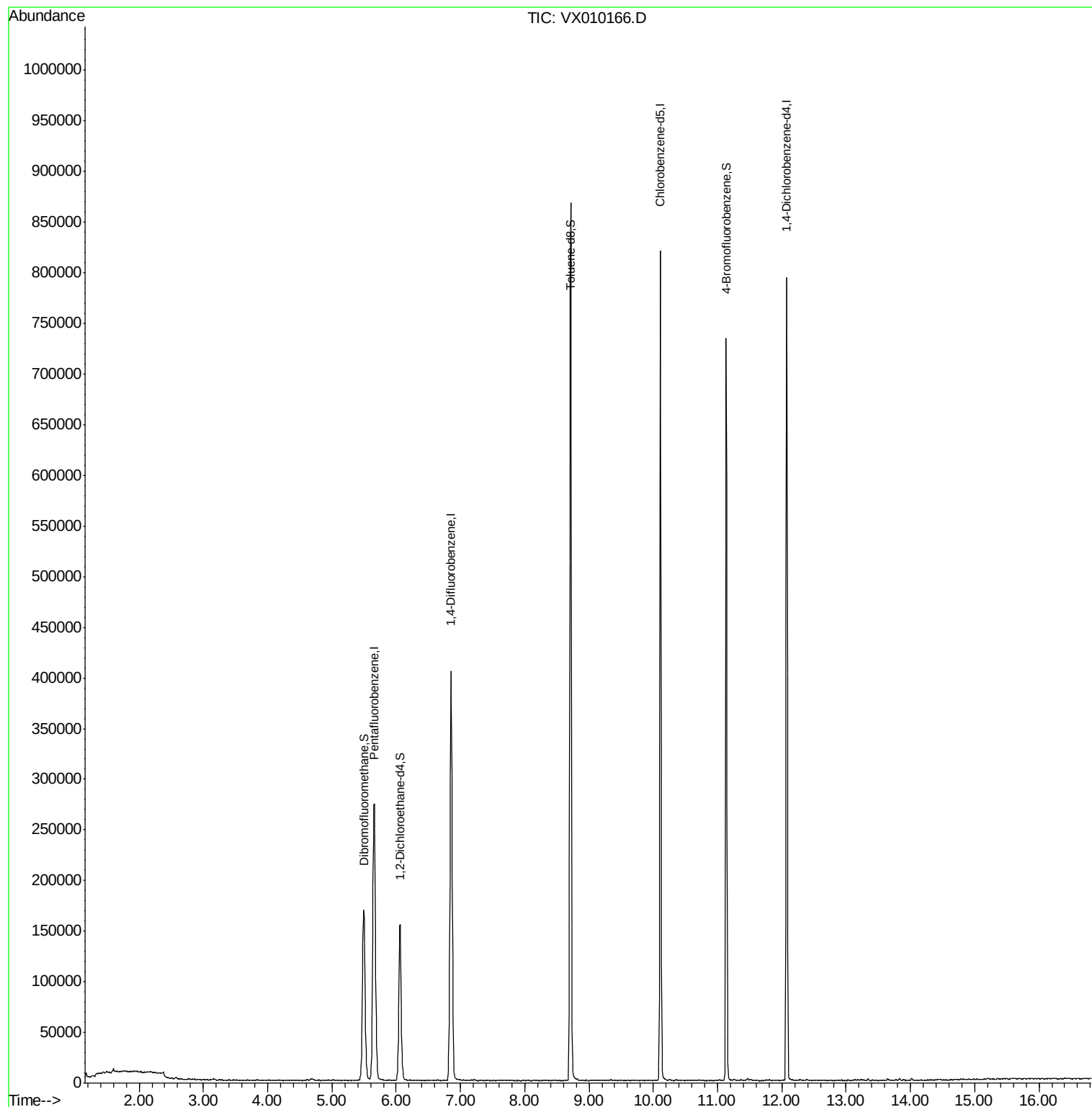
Target Compounds	Qvalue
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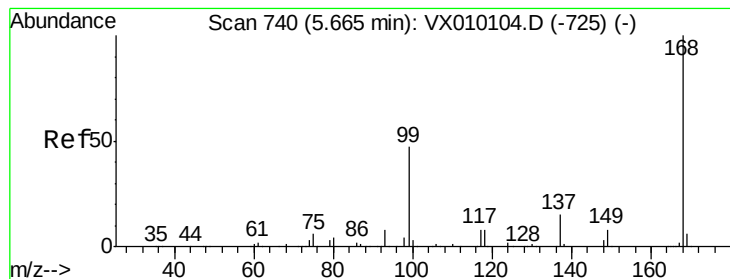
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

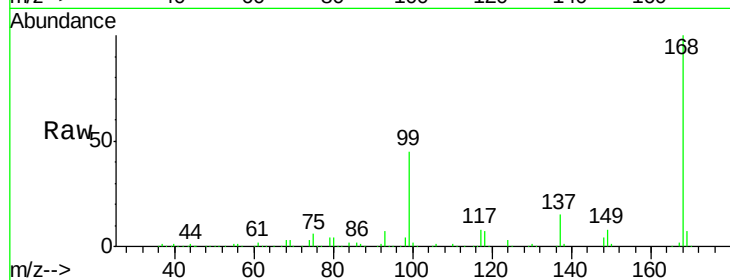
VX0610WBL01

Tot Ion:168 Resp: 300125

Ion Ratio Lower Upper

168 100

99 44.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

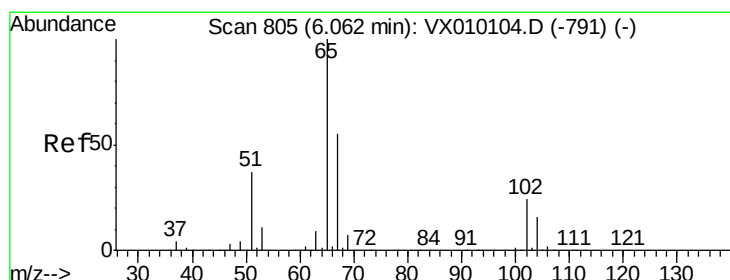
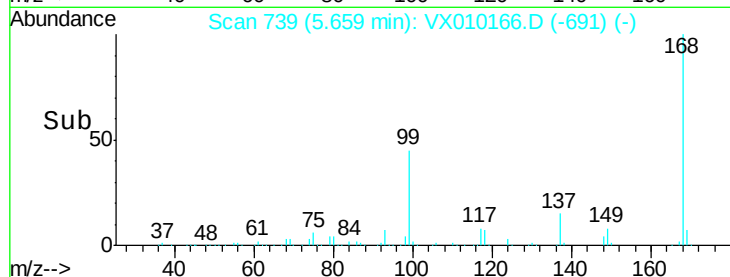
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.625 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010166.D

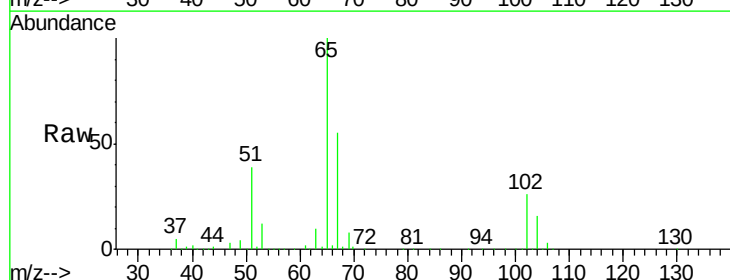
Acq: 10 Jun 2019 10:28

Tgt Ion: 65 Resp: 139519

Ion Ratio Lower Upper

65 100

67 55.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

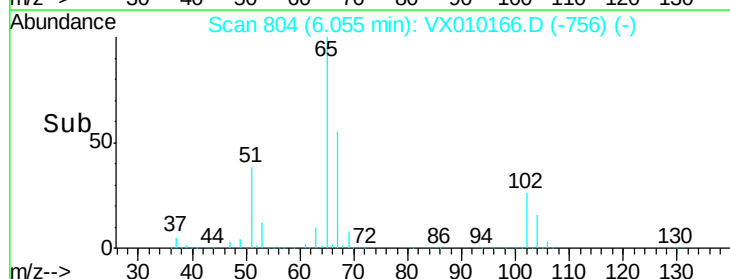
30000

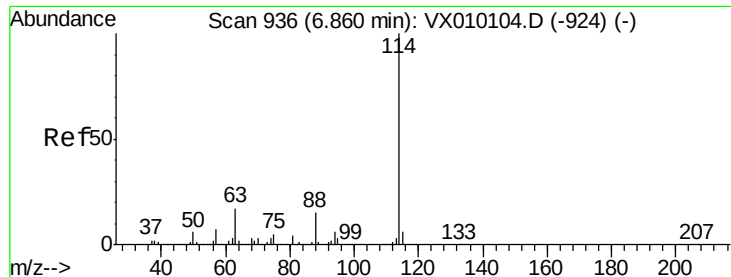
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBL01

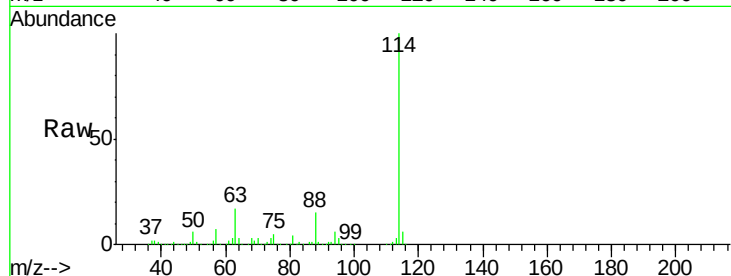
Tot Ion:114 Resp: 450741

Ion Ratio Lower Upper

114 100

63 16.9 0.0 47.4

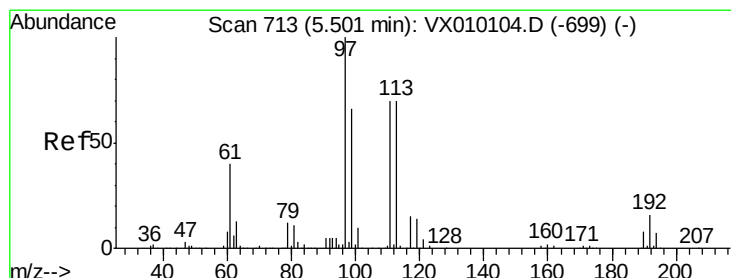
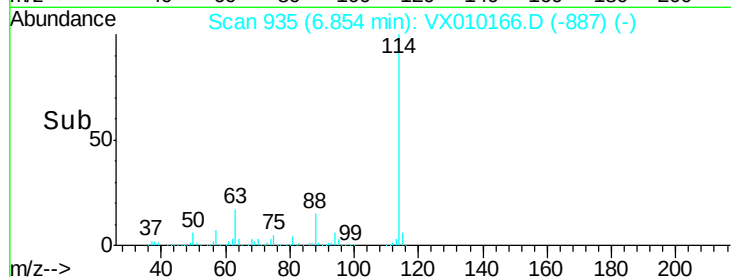
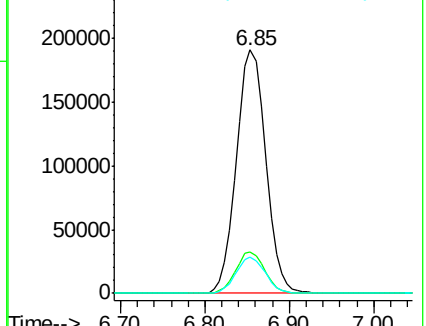
88 14.9 0.0 33.0



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: 52.985 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010166.D

Acq: 10 Jun 2019 10:28

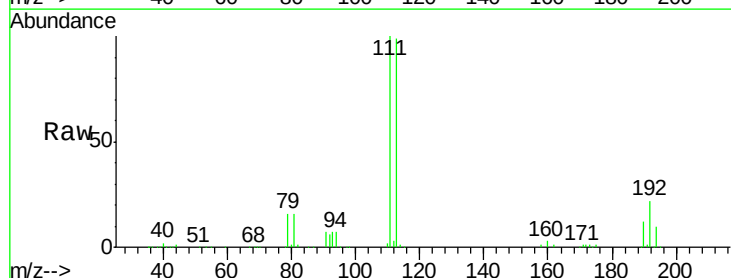
Tgt Ion:113 Resp: 147313

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

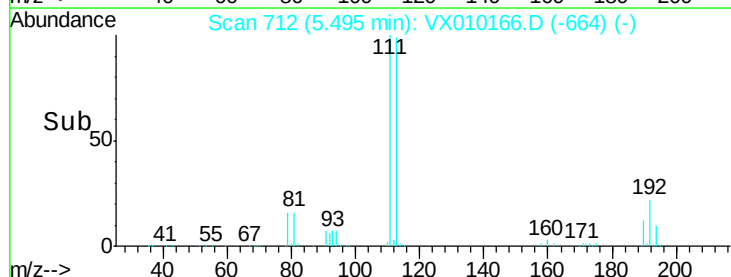
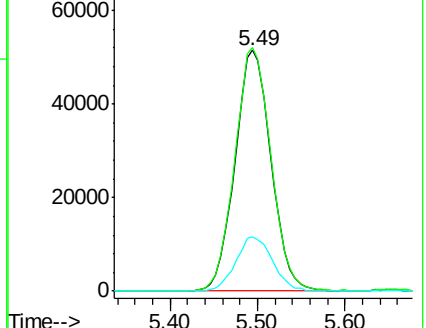
192 23.1 17.1 25.7

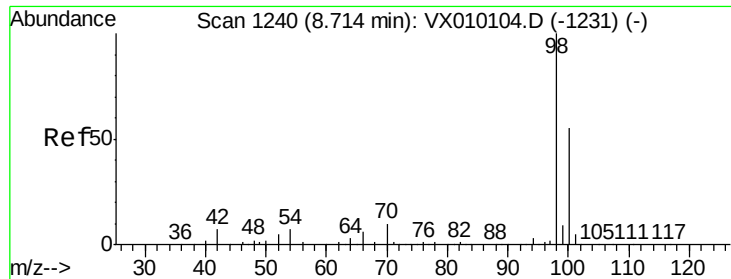


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

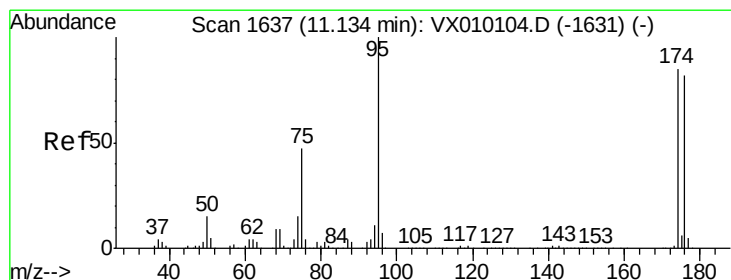
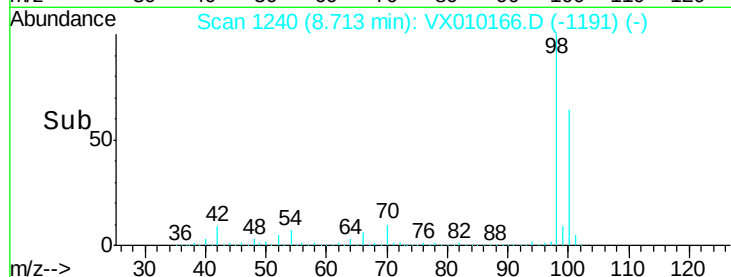
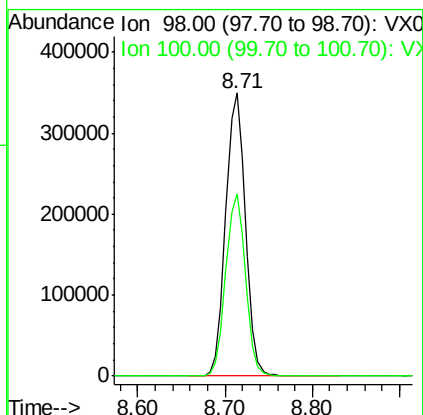
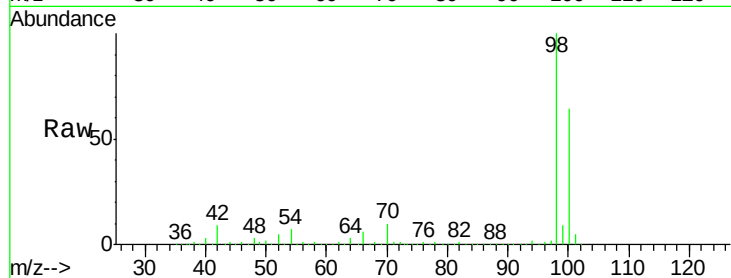




#50
Toluene-d8
Concen: 52.575 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010166.D
Acq: 10 Jun 2019 10:28

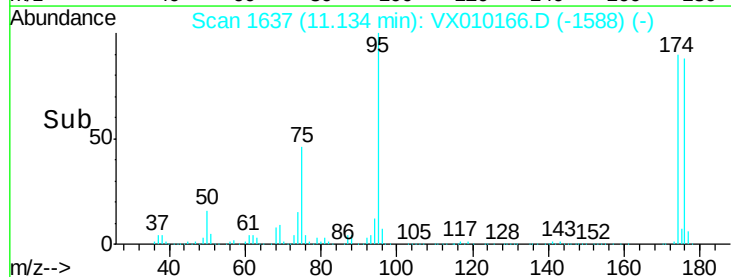
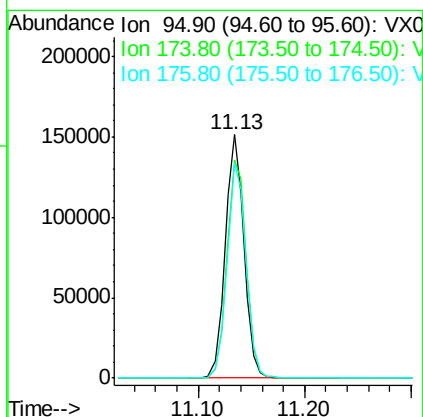
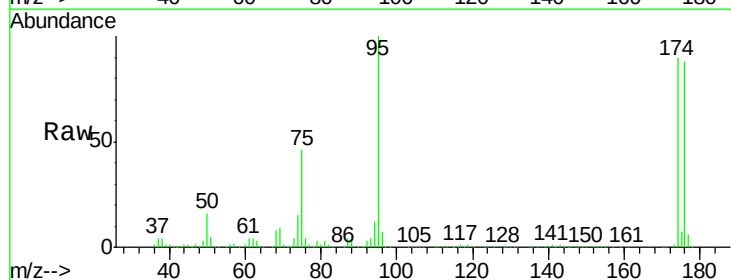
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

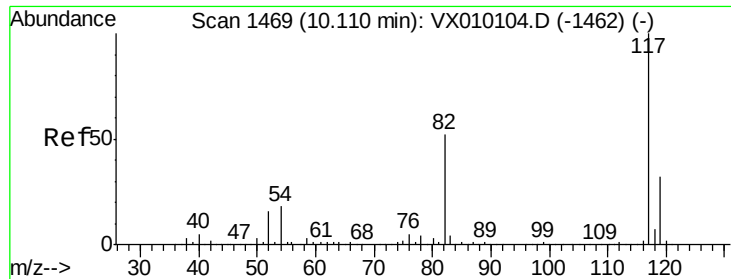
Tot Ion: 98 Resp: 547835
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.795 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010166.D
Acq: 10 Jun 2019 10:28

Tgt Ion: 95 Resp: 185994
Ion Ratio Lower Upper
95 100
174 92.8 0.0 160.4
176 89.3 0.0 154.6

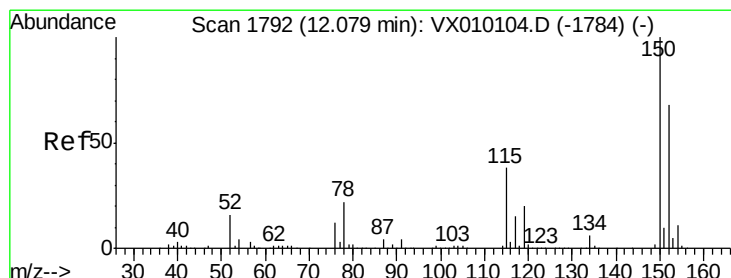
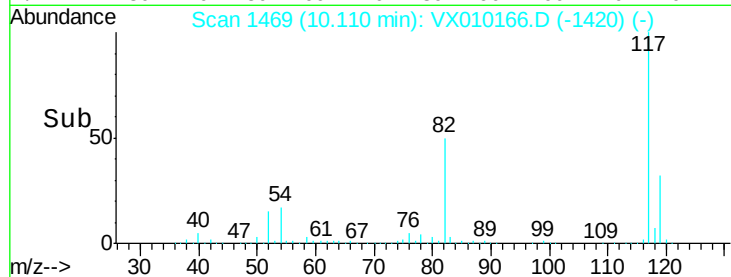
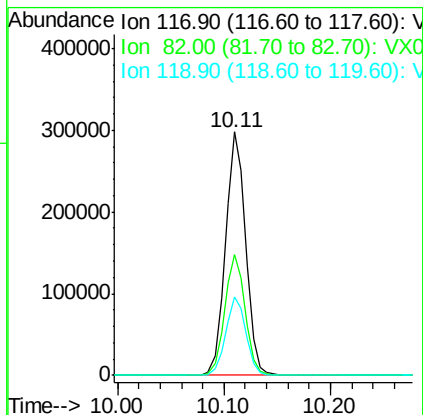
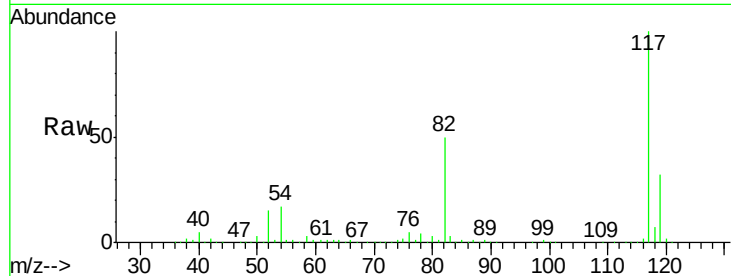




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010166.D
Acq: 10 Jun 2019 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.5	49.2	73.8
119	32.3	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010166.D
Acq: 10 Jun 2019 10:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	41.4	124.2
150	154.3	0.0	345.2

