

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
 Data File : VF060418.D
 Acq On : 3 Oct 2018 16:48
 Operator : VA/AP
 Sample : VF1003SBL01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1003SBL01

Quant Time: Oct 04 05:41:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	318055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	492552	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	458216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	273032	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	233063	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	4.27	113	235486	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	7.69	98	552452	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.50	95	261523	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

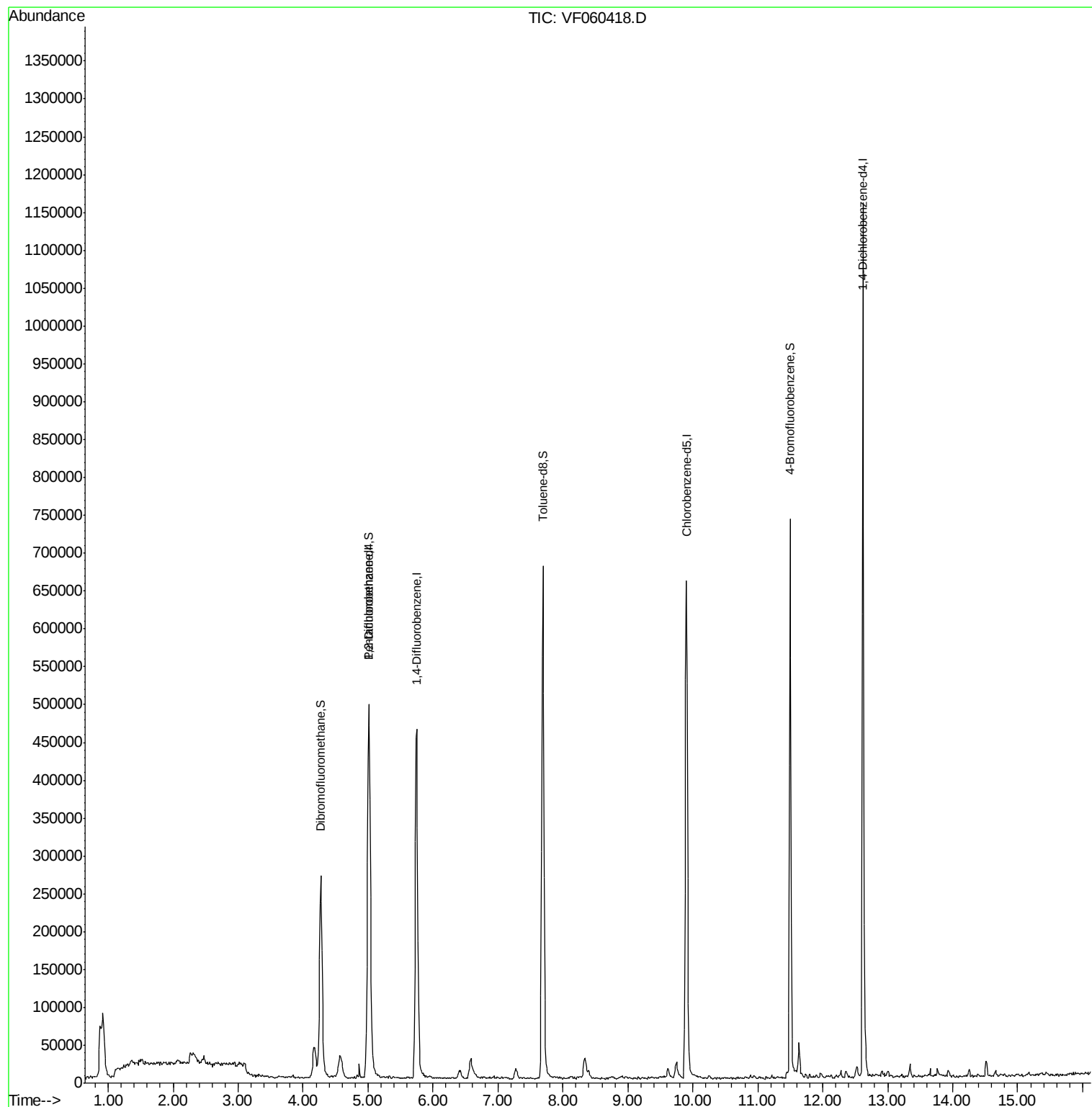
Target Compounds	Qvalue

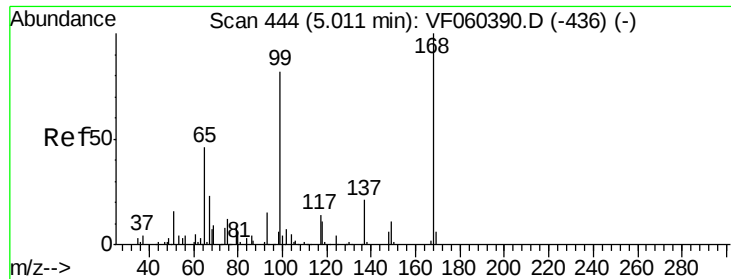
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060418.D

Acq: 3 Oct 2018 16:48

Instrument :

MSVOA_F

ClientSampleId :

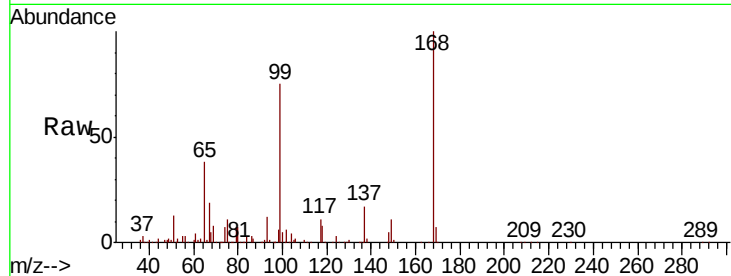
VF1003SBL01

Tot Ion:168 Resp: 318055

Ion Ratio Lower Upper

168 100

99 74.5 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

120000

100000

80000

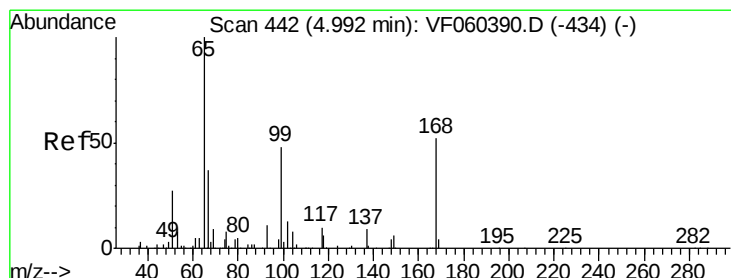
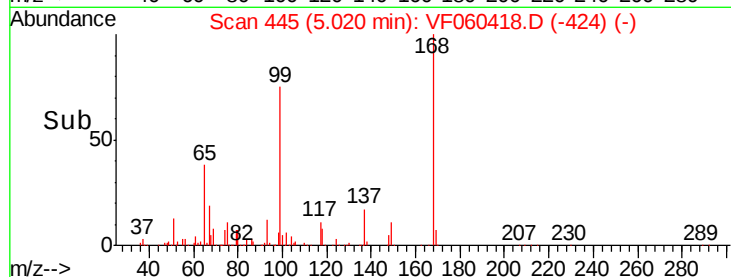
60000

40000

20000

0

Time--> 4.80 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 46.830 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.01 min

Lab File: VF060418.D

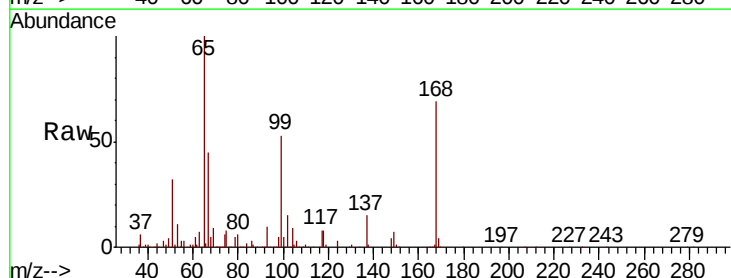
Acq: 3 Oct 2018 16:48

Tgt Ion: 65 Resp: 233063

Ion Ratio Lower Upper

65 100

67 45.3 0.0 89.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

100000

80000

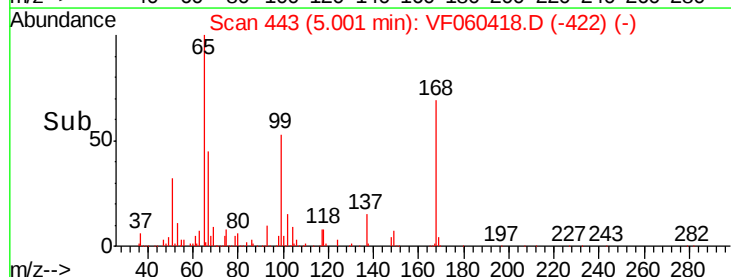
60000

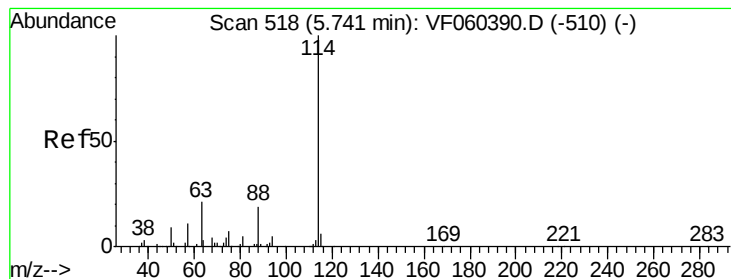
40000

20000

0

Time--> 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. 0.01 min

Lab File: VF060418.D

Acq: 3 Oct 2018 16:48

Instrument :

MSVOA_F

ClientSampleId :

VF1003SBL01

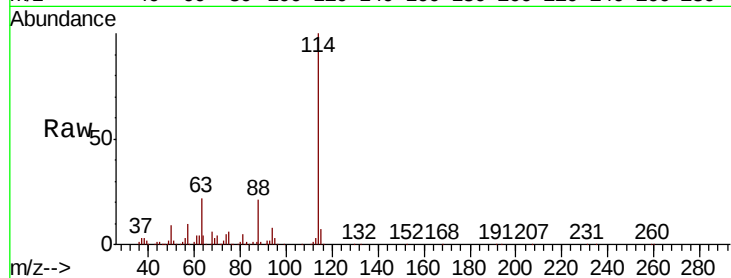
Tot Ion:114 Resp: 492552

Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.2

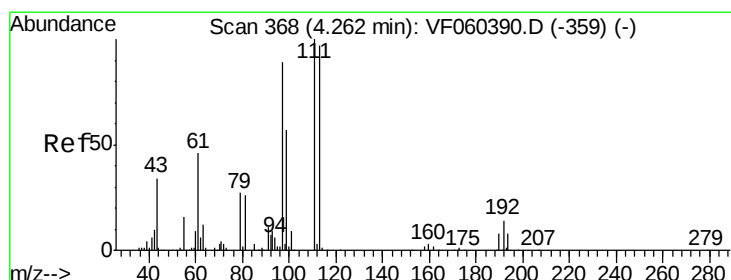
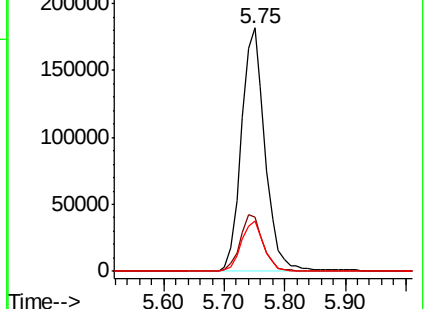
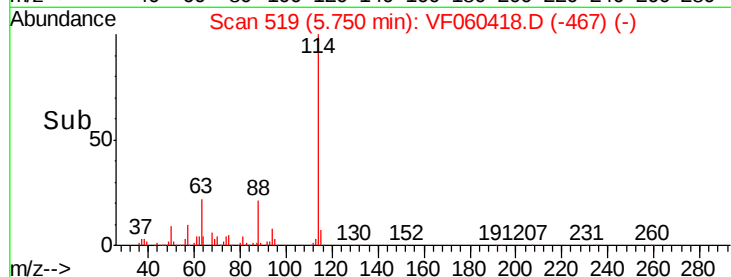
88 20.6 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 50.892 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.01 min

Lab File: VF060418.D

Acq: 3 Oct 2018 16:48

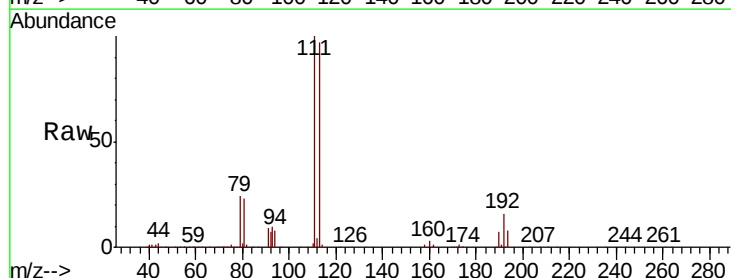
Tgt Ion:113 Resp: 235486

Ion Ratio Lower Upper

113 100

111 103.0 82.3 123.5

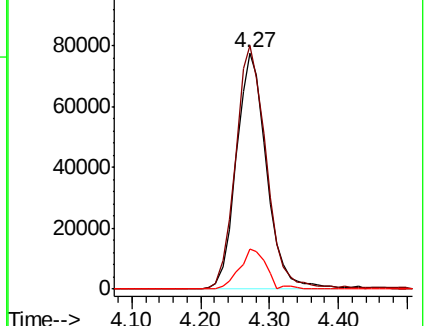
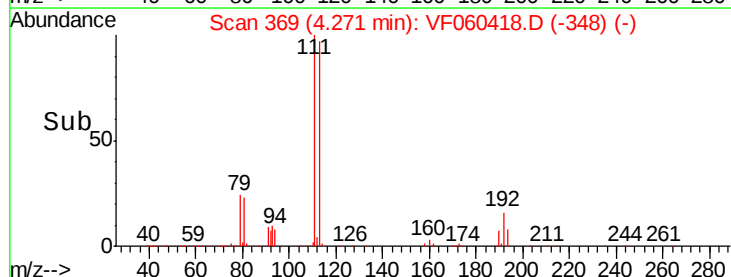
192 17.0 11.8 17.6

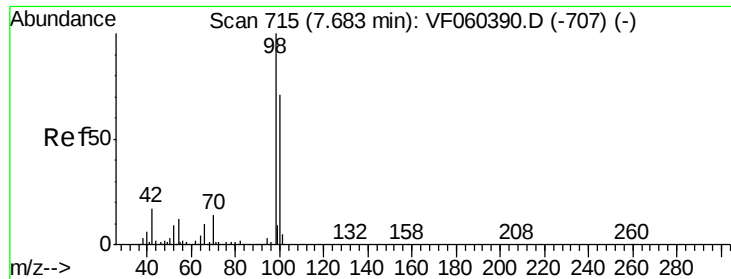


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

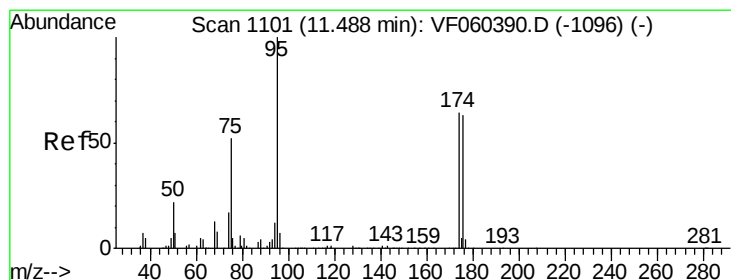
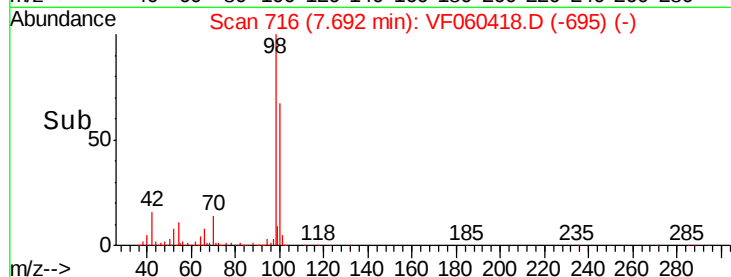
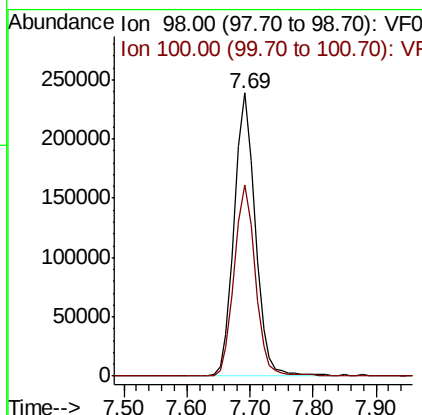
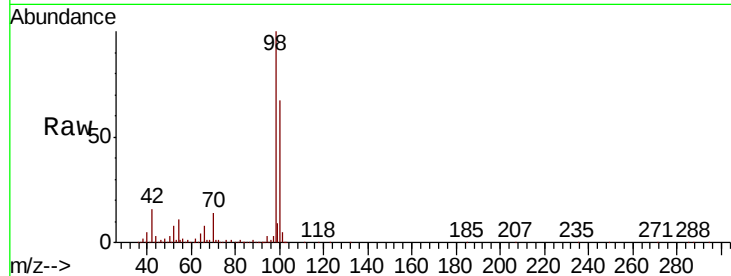




#50
Toluene-d8
Concen: 48.478 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

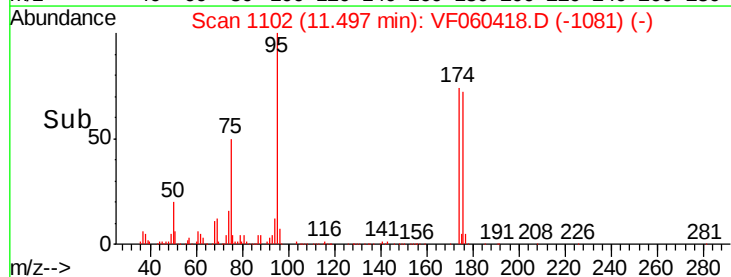
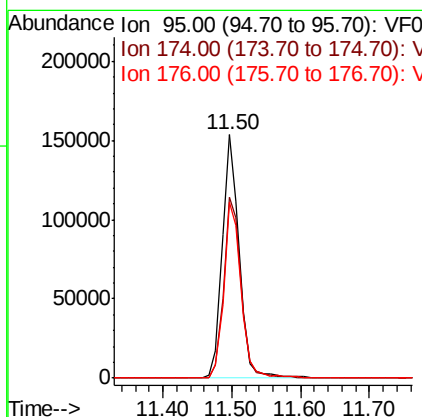
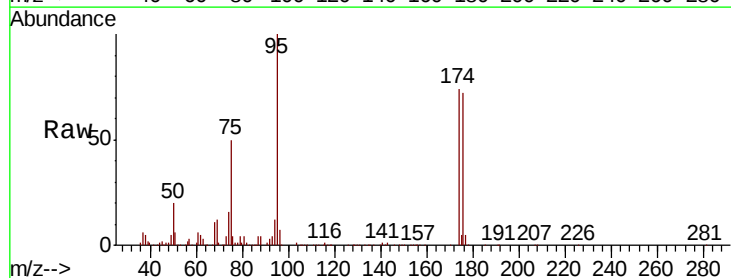
Instrument :
MSVOA_F
ClientSampleId :
VF1003SBL01

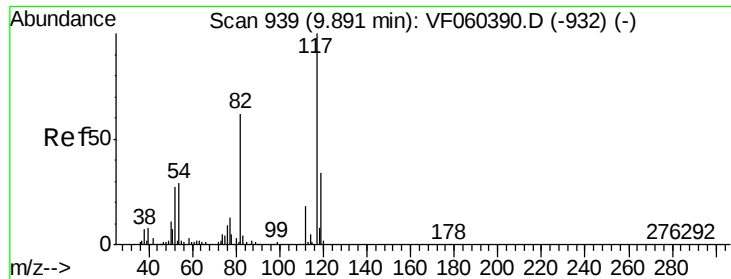
Tot Ion: 98 Resp: 552452
Ion Ratio Lower Upper
98 100
100 67.3 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 50.261 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Tgt Ion: 95 Resp: 261523
Ion Ratio Lower Upper
95 100
174 74.2 0.0 129.0
176 72.0 0.0 125.6

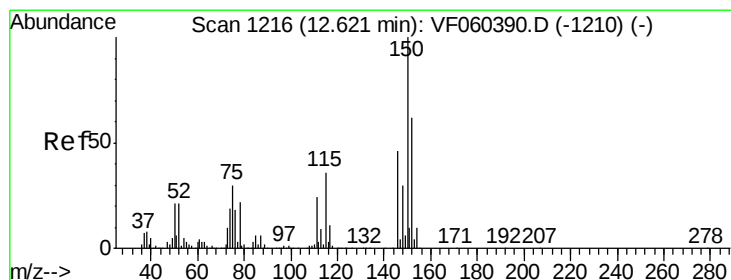
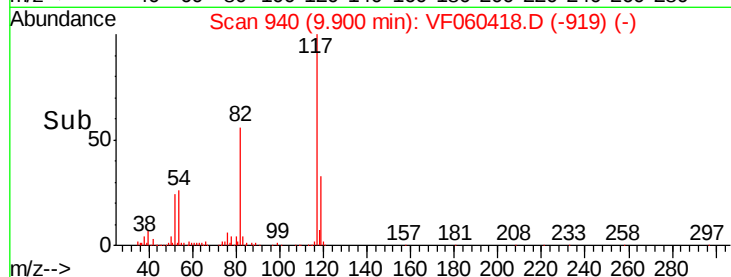
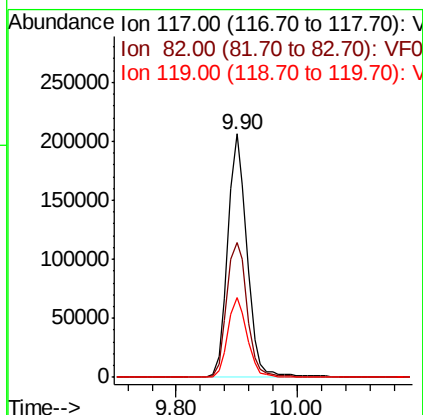
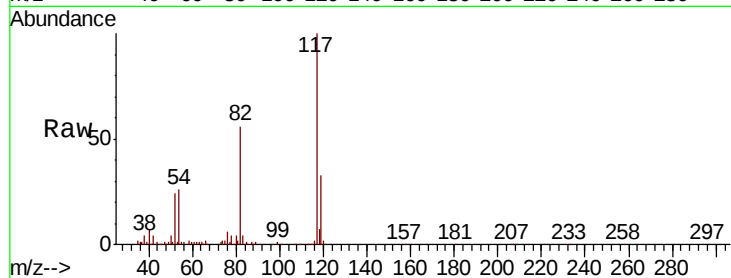




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Instrument :
MSVOA_F
ClientSampleId :
VF1003SBL01

Tot Ion:117 Resp: 458216
Ion Ratio Lower Upper
117 100
82 55.6 49.5 74.3
119 32.7 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Tgt Ion:152 Resp: 273032
Ion Ratio Lower Upper
152 100
115 63.2 28.6 85.8
150 155.2 0.0 324.6

