

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100218\
 Data File : VF060397.D
 Acq On : 2 Oct 2018 12:46
 Operator : VA/AP
 Sample : VF1002SBL01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1002SBL01

Quant Time: Oct 02 14:24:59 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	297885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	500966	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	434127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	245414	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	204991	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	
35) Dibromofluoromethane	4.28	113	223729	47.54	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	7.69	98	565359	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.49	95	248483	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	

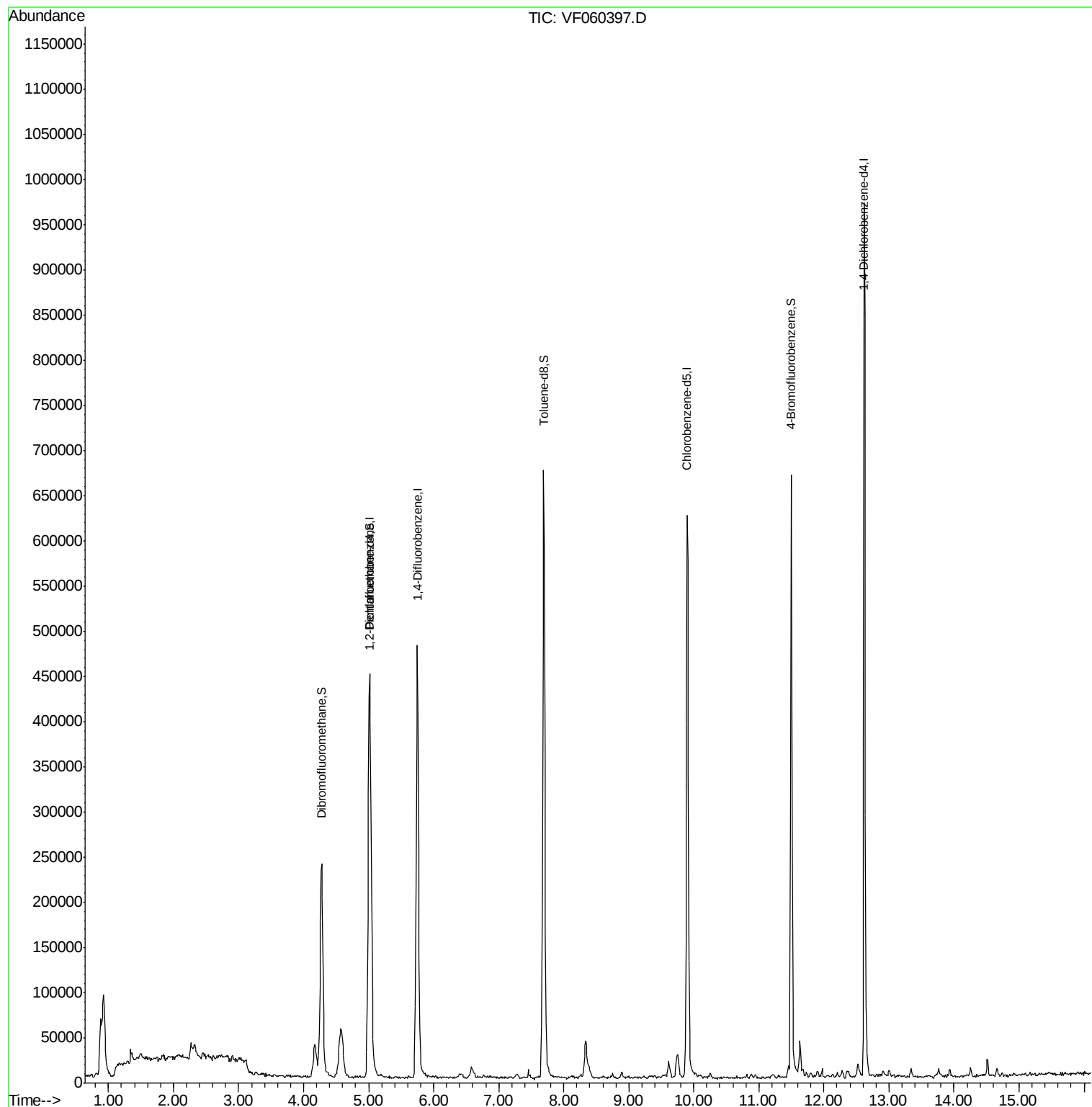
Target Compounds	Qvalue

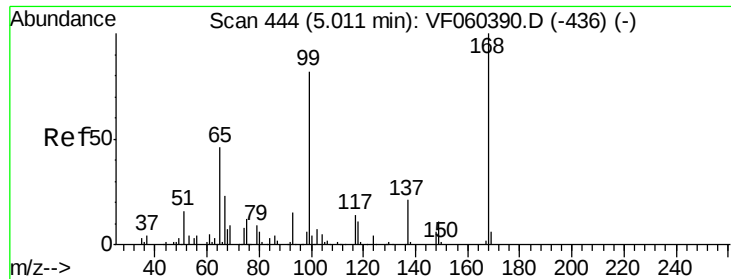
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060397.D

Acq: 2 Oct 2018 12:46

Instrument :

MSVOA_F

ClientSampleId :

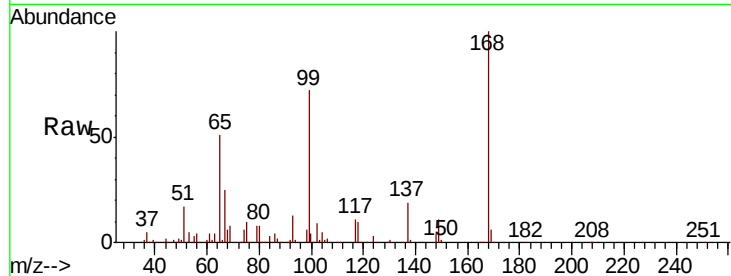
VF1002SBL01

Tot Ion:168 Resp: 297885

Ion Ratio Lower Upper

168 100

99 71.8 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

100000

80000

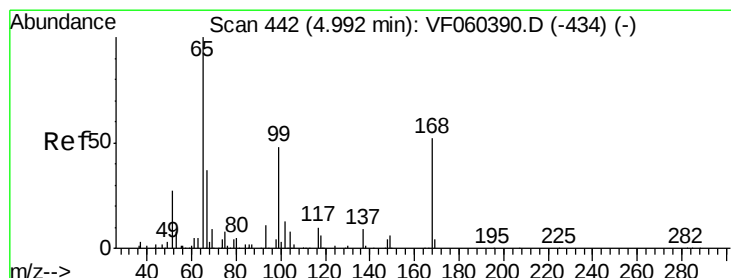
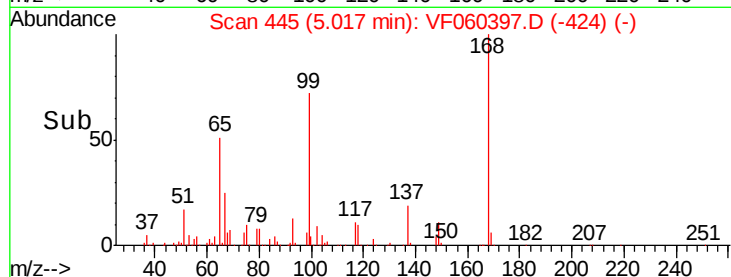
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.978 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.01 min

Lab File: VF060397.D

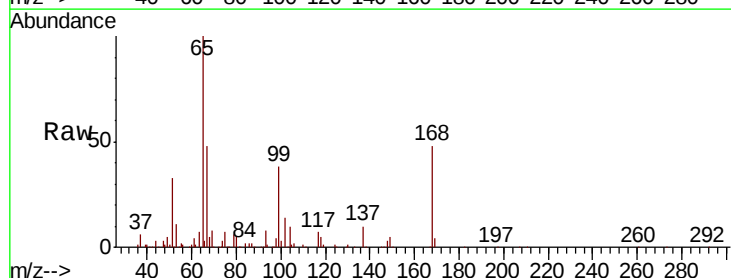
Acq: 2 Oct 2018 12:46

Tgt Ion: 65 Resp: 204991

Ion Ratio Lower Upper

65 100

67 48.3 0.0 89.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

80000

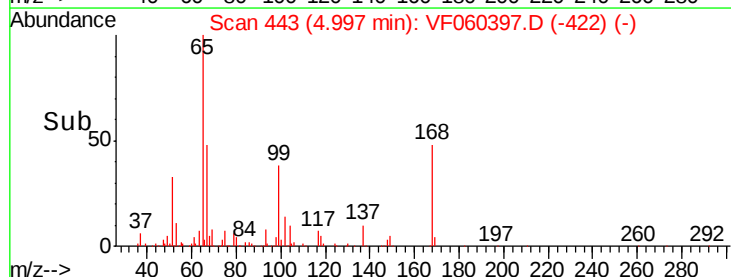
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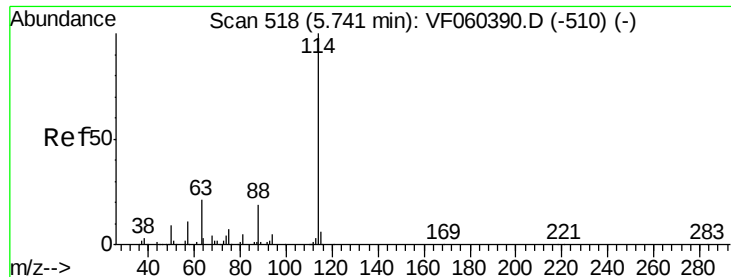
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Time-->

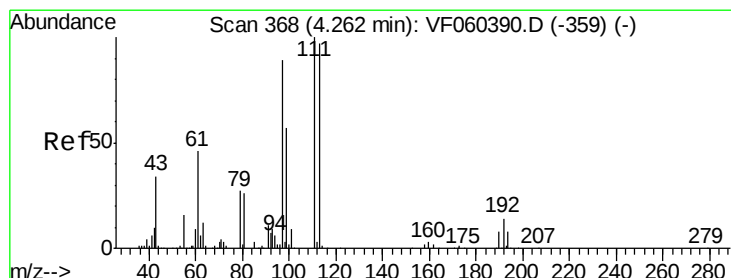
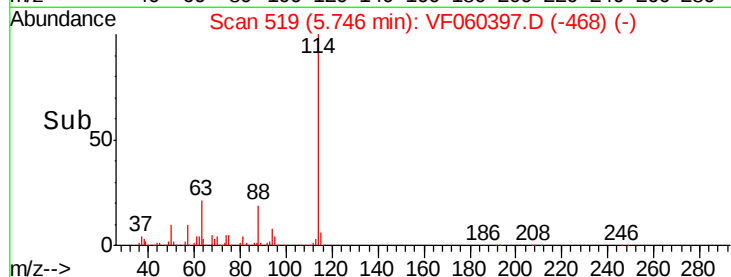
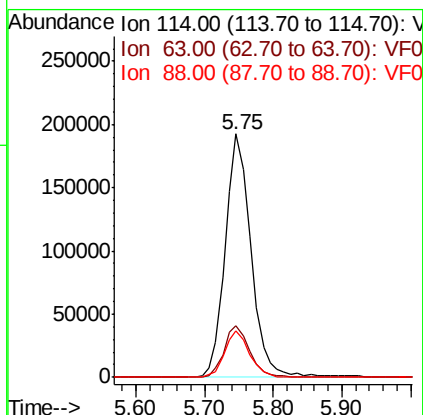
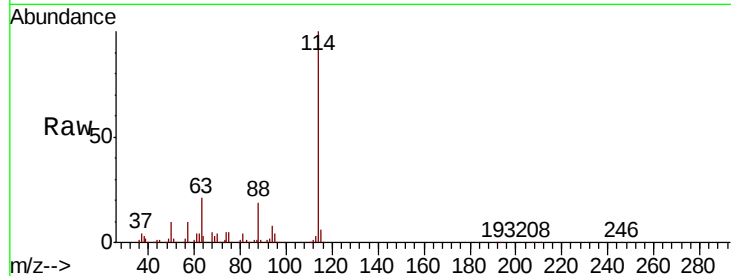




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VF060397.D
 Acq: 2 Oct 2018 12:46

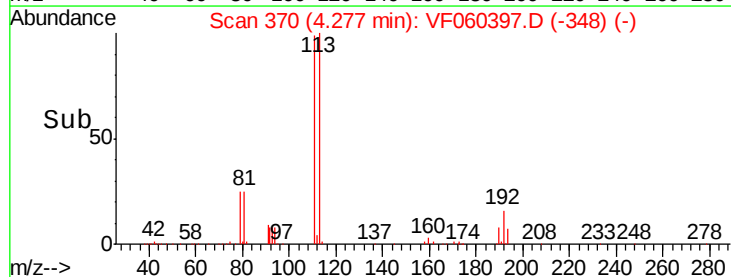
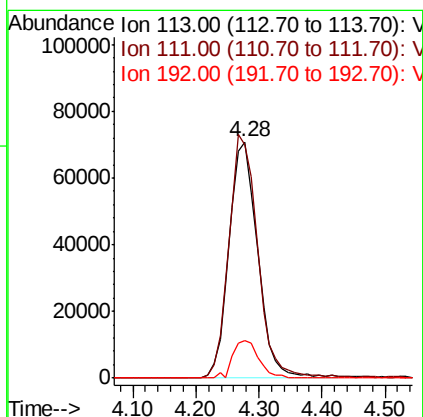
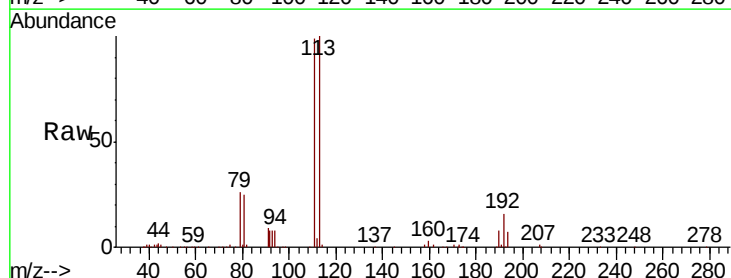
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1002SBL01

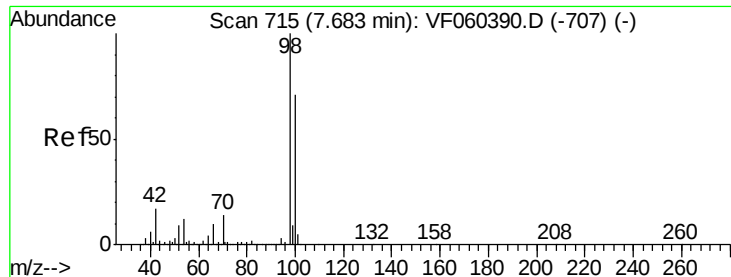
Tot Ion:114 Resp: 500966
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.2
 88 19.2 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 47.539 ug/l
 RT: 4.28 min Scan# 370
 Delta R.T. 0.02 min
 Lab File: VF060397.D
 Acq: 2 Oct 2018 12:46

Tgt Ion:113 Resp: 223729
 Ion Ratio Lower Upper
 113 100
 111 98.9 82.3 123.5
 192 16.0 11.8 17.6

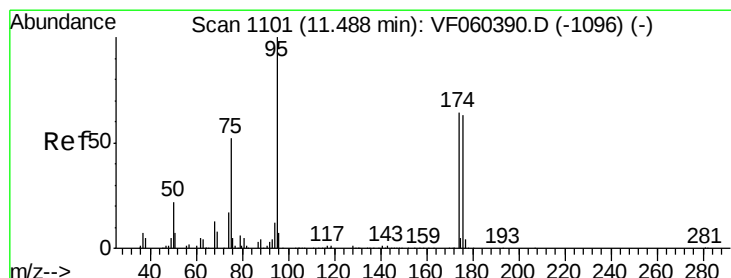
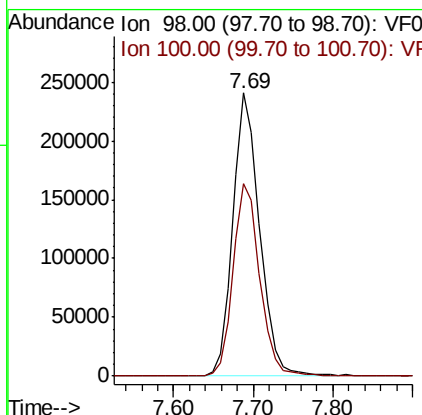
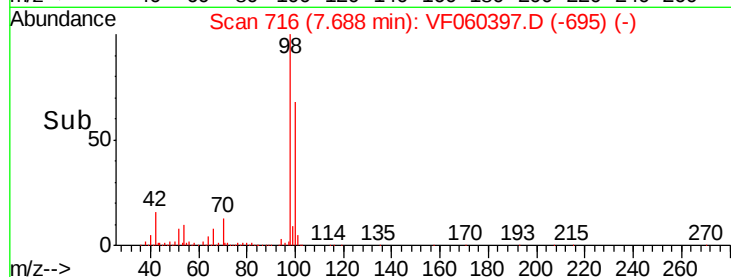
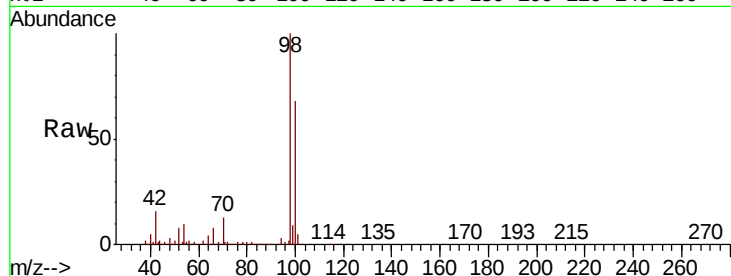




#50
Toluene-d8
Concen: 48.777 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

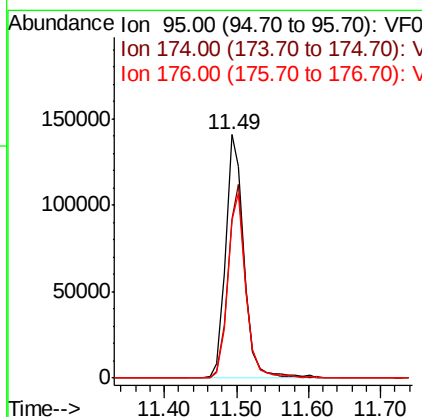
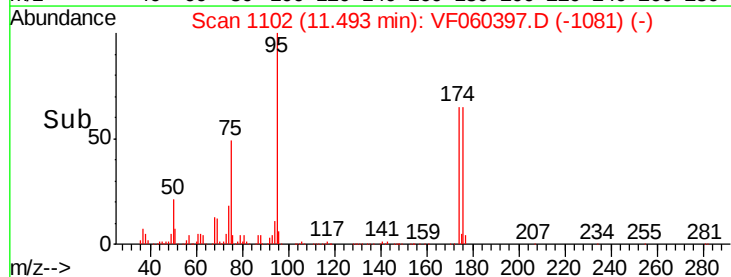
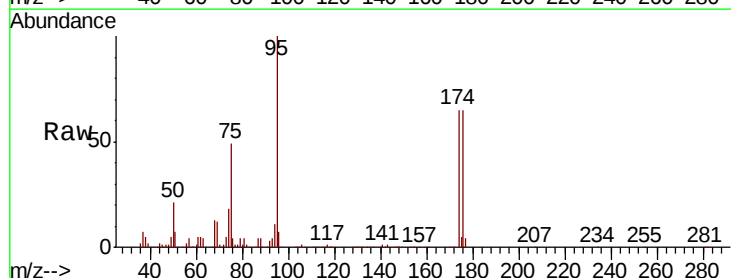
Instrument :
MSVOA_F
ClientSampleId :
VF1002SBL01

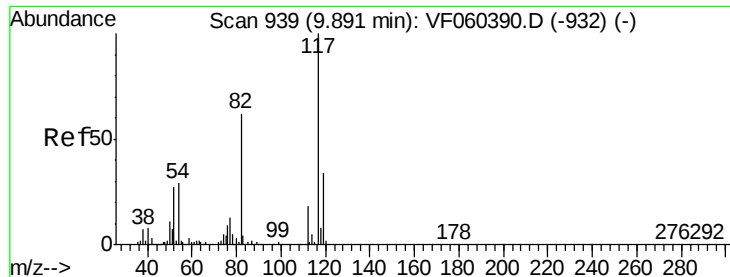
Tot Ion: 98 Resp: 565359
Ion Ratio Lower Upper
98 100
100 67.9 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 46.953 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Tgt Ion: 95 Resp: 248483
Ion Ratio Lower Upper
95 100
174 65.3 0.0 129.0
176 65.1 0.0 125.6

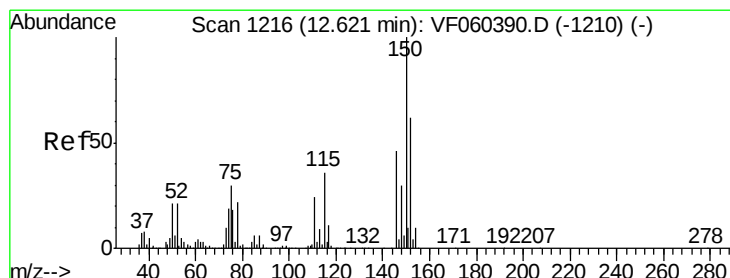
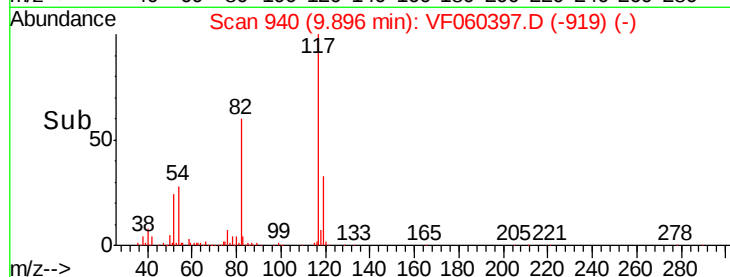
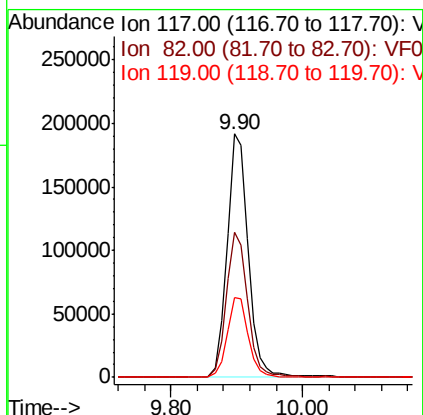
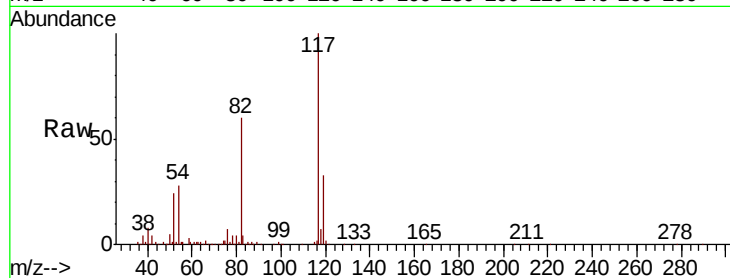




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Instrument :
MSVOA_F
ClientSampleId :
VF1002SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	49.5	74.3
119	32.5	27.0	40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060397.D
Acq: 2 Oct 2018 12:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.6	85.8
150	152.4	0.0	324.6

