

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082218\
 Data File : VF060033.D
 Acq On : 22 Aug 2018 11:54
 Operator : VA/AP
 Sample : VF0822SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0822SBL01

Quant Time: Aug 23 04:30:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	243501	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	365058	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	395867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	236737	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	153251	45.99	ug/l	0.02
Spiked Amount	50.000		Recovery	=	91.98%	
35) Dibromofluoromethane	4.32	113	151028	52.68	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	7.73	98	398583	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.52	95	212666	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

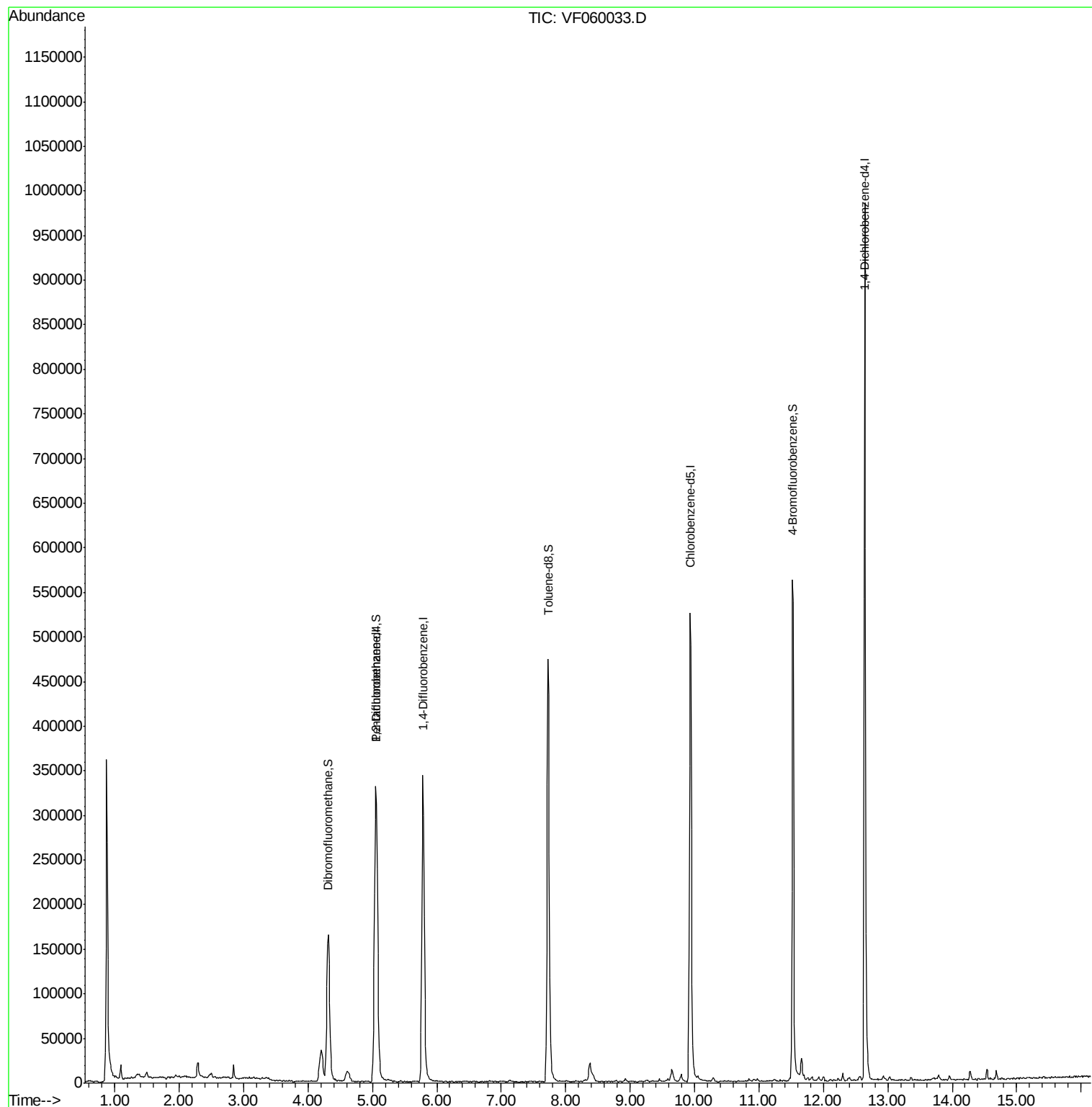
Target Compounds	Qvalue
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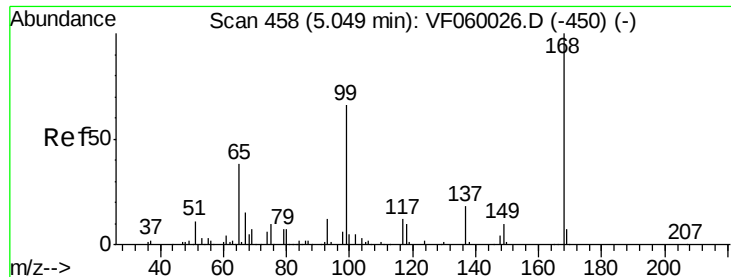
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082218\
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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.02 min

Lab File: VF060033.D

Acq: 22 Aug 2018 11:54

Instrument :

MSVOA_F

ClientSampleId :

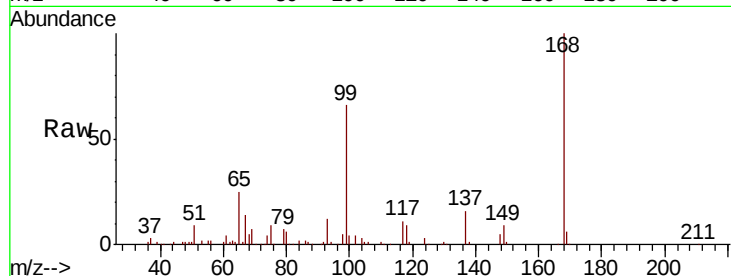
VF0822SBL01

Tot Ion:168 Resp: 243501

Ion Ratio Lower Upper

168 100

99 65.9 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

80000

60000

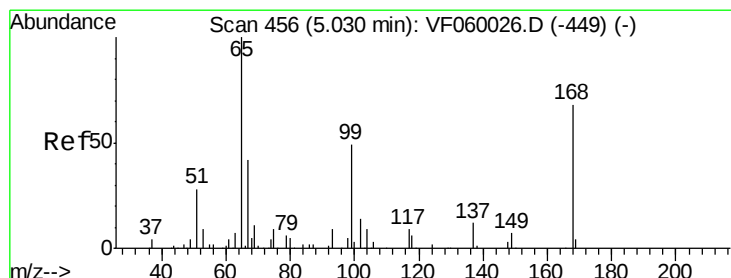
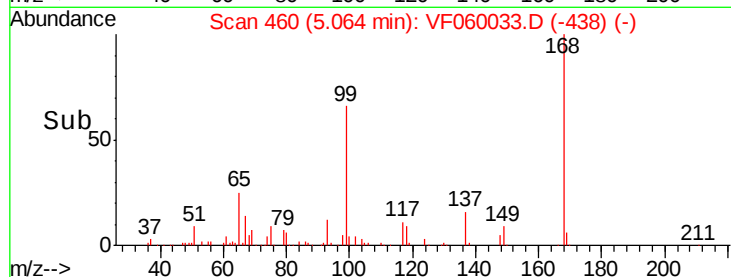
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 45.99 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF060033.D

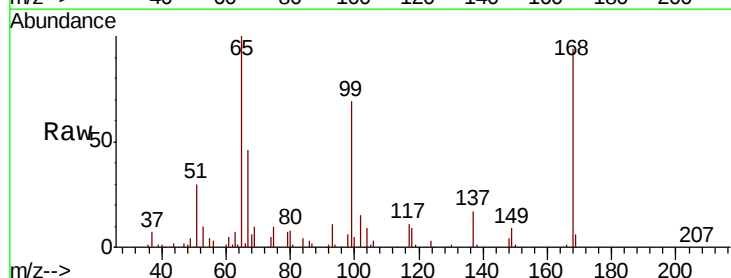
Acq: 22 Aug 2018 11:54

Tgt Ion: 65 Resp: 153251

Ion Ratio Lower Upper

65 100

67 46.0 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.04

60000

50000

40000

30000

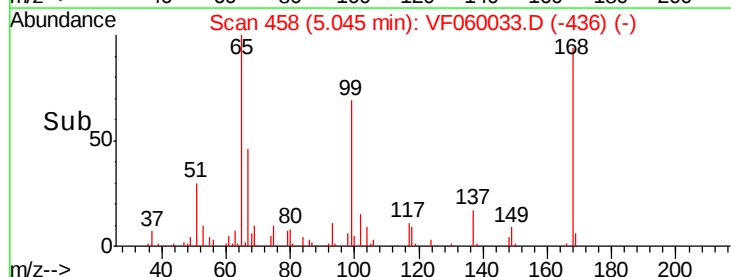
20000

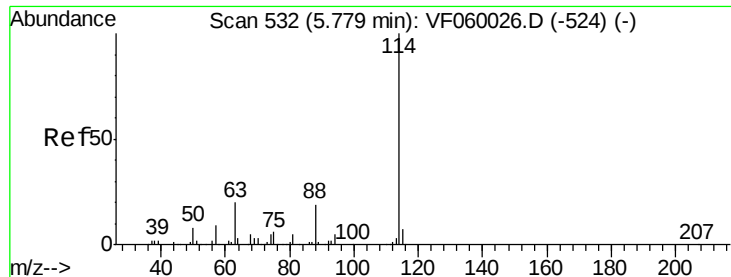
10000

0

Time-->

4.90 5.00 5.10 5.20

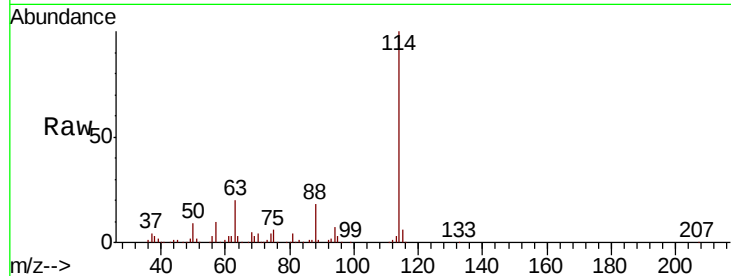




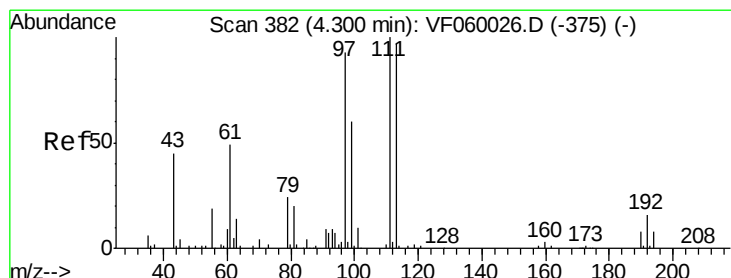
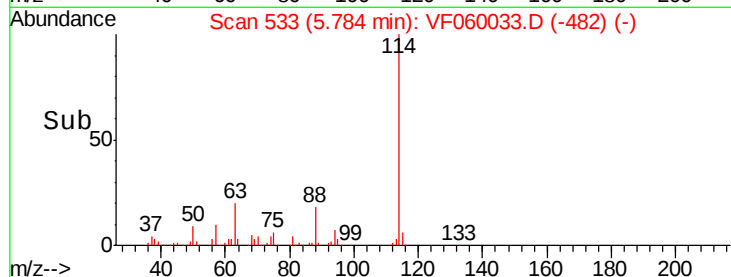
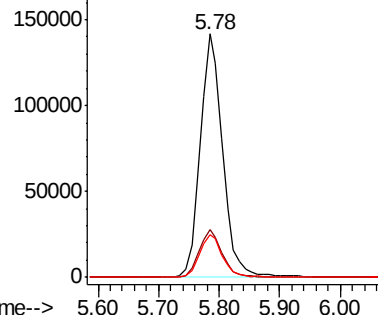
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.78 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VF060033.D
 Acq: 22 Aug 2018 11:54

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0822SBL01

Tot Ion:114	Resp:	365058
Ion Ratio	Lower	Upper
114 100		
63 19.8	0.0	40.4
88 17.7	0.0	38.6

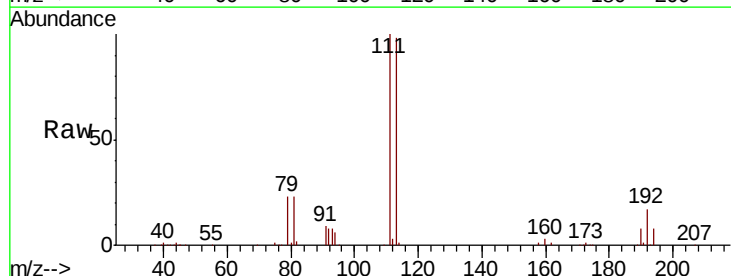


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

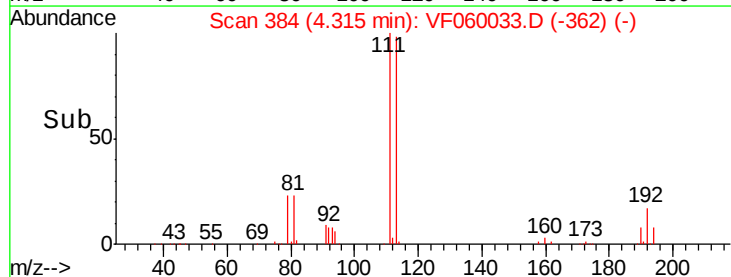
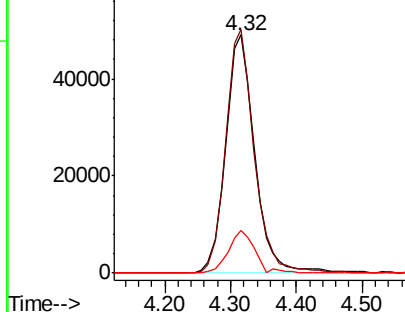


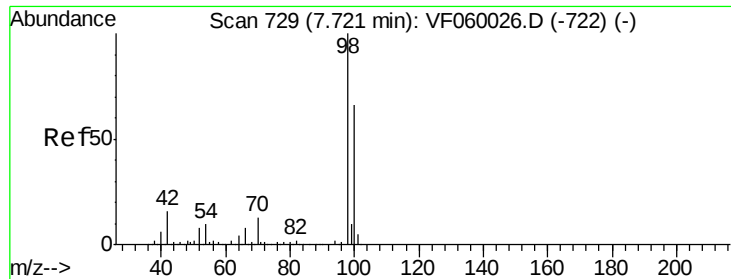
#35
 Dibromofluoromethane
 Concen: 52.68 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF060033.D
 Acq: 22 Aug 2018 11:54

Tgt Ion:113	Resp:	151028
Ion Ratio	Lower	Upper
113 100		
111 102.3	82.7	124.1
192 18.1	13.0	19.4



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

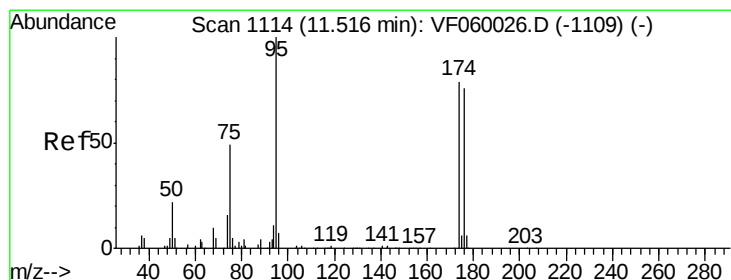
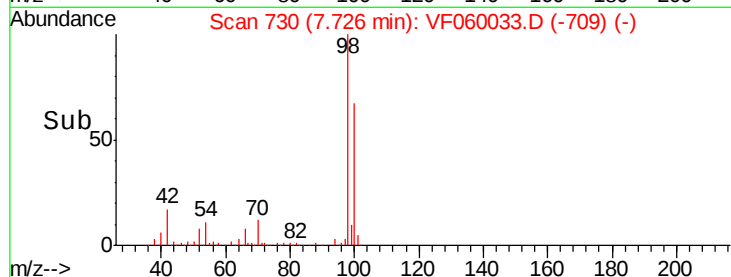
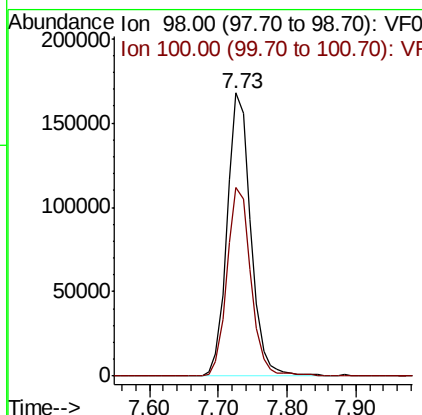
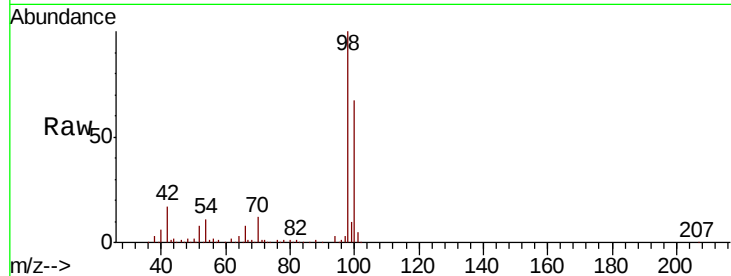




#50
Toluene-d8
Concen: 48.96 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF060033.D
Acq: 22 Aug 2018 11:54

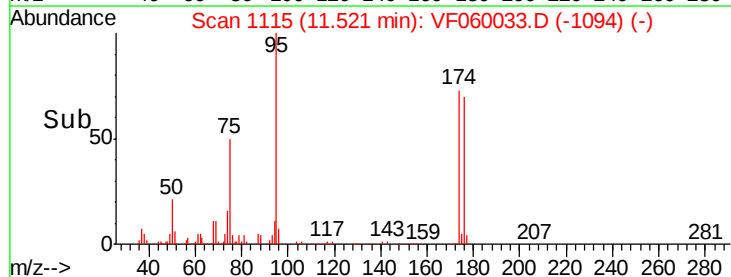
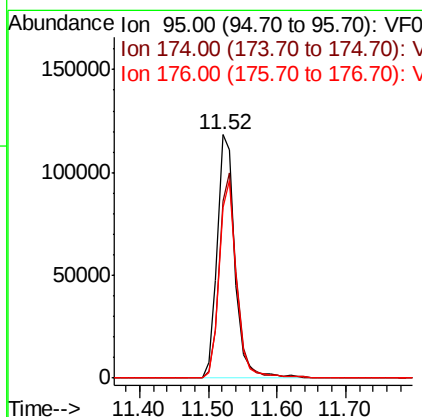
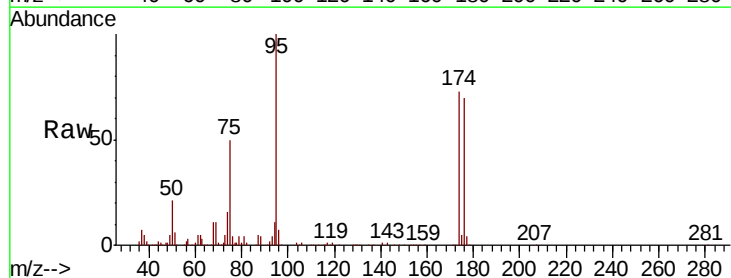
Instrument :
MSVOA_F
ClientSampleId :
VF0822SBL01

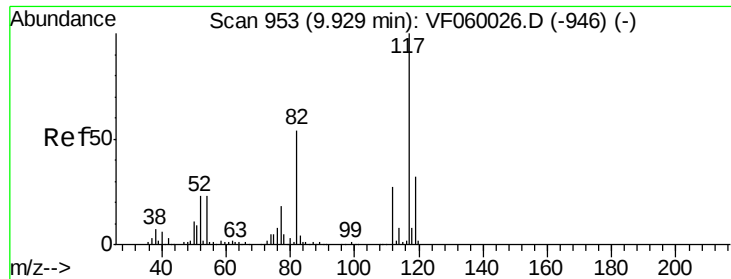
Tot Ion: 98 Resp: 398583
Ion Ratio Lower Upper
98 100
100 66.9 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 49.38 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF060033.D
Acq: 22 Aug 2018 11:54

Tgt Ion: 95 Resp: 212666
Ion Ratio Lower Upper
95 100
174 72.6 0.0 158.4
176 70.2 0.0 153.0

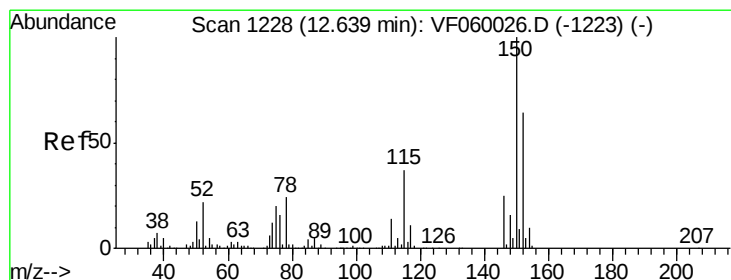
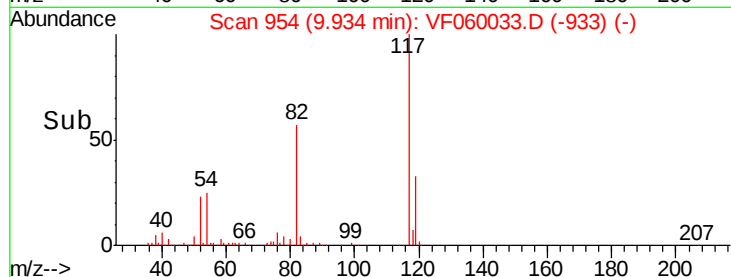
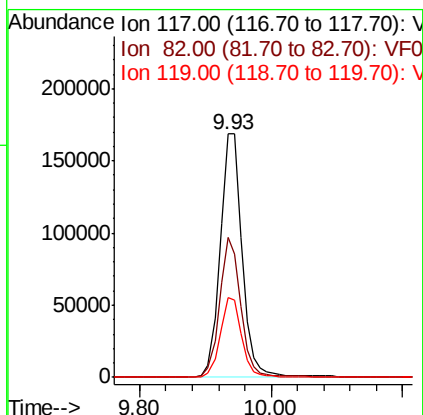
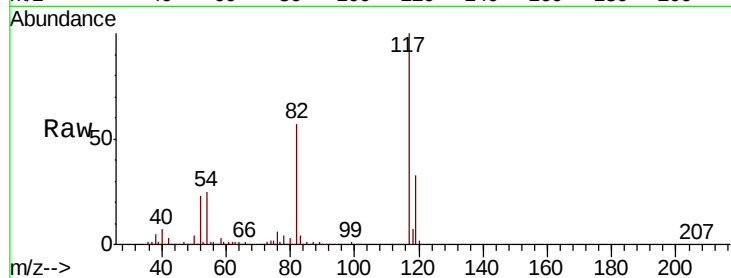




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.01 min
Lab File: VF060033.D
Acq: 22 Aug 2018 11:54

Instrument :
MSVOA_F
ClientSampleId :
VF0822SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	43.6	65.4
119	32.6	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VF060033.D
Acq: 22 Aug 2018 11:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	28.6	85.9
150	156.4	0.0	312.0

