

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
 Data File : VF061908.D
 Acq On : 12 Mar 2019 16:40
 Operator : VA/AP
 Sample : K1687-01
 Misc : 6.63g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-06-031119-A

Quant Time: Mar 13 02:29:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

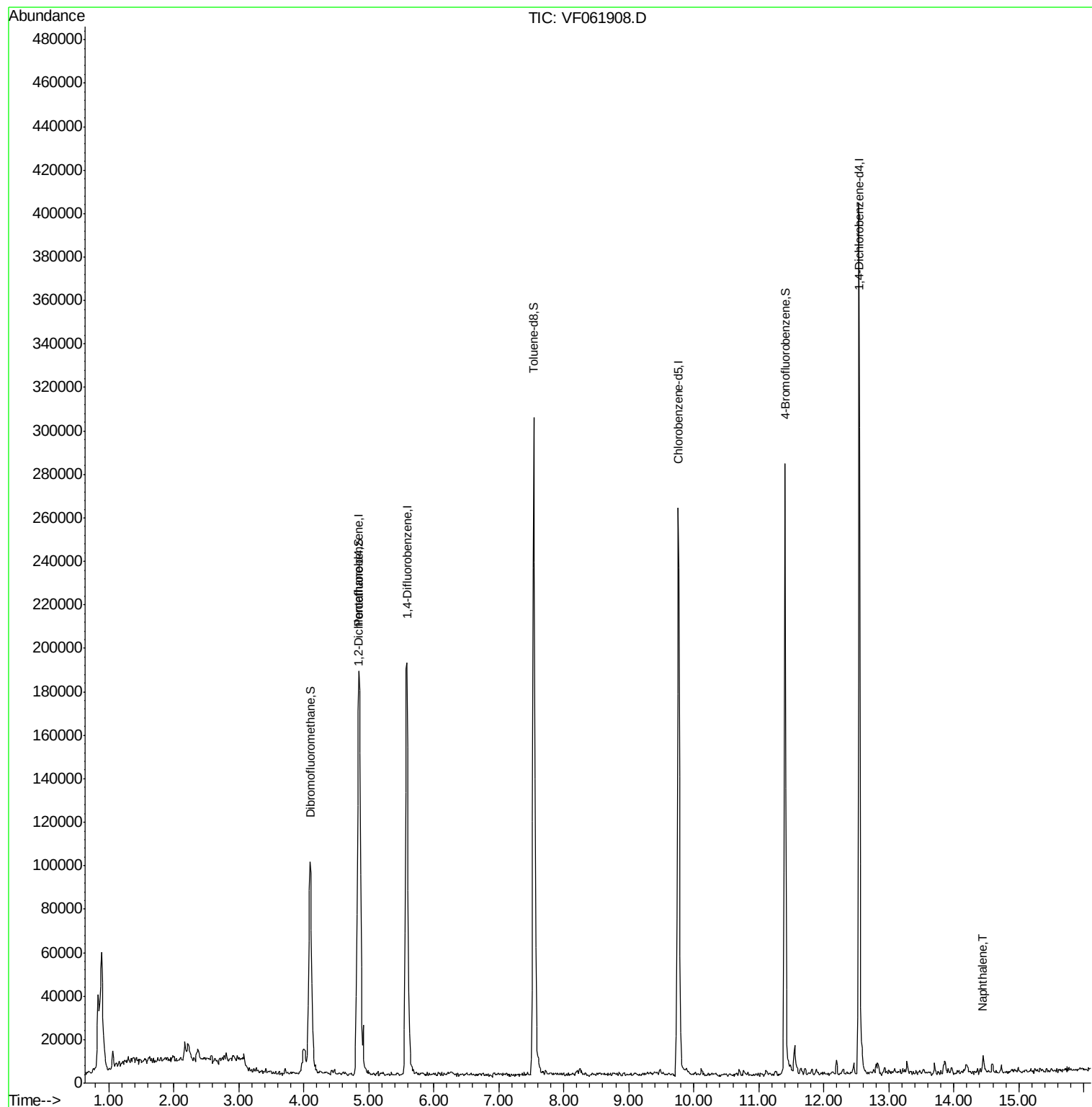
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	176046	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	246475	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	209278	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	115515	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	69845	54.48	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.96%	
35) Dibromofluoromethane	4.11	113	99166	57.65	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.30%	
50) Toluene-d8	7.54	98	263659	51.57	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.40	95	114136	56.99	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	113.98%	
Target Compounds						
95) Naphthalene	14.45	128	6349	1.477	ug/l #	Qvalue 93

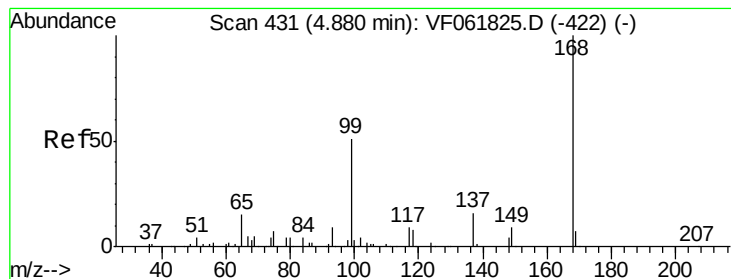
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061908.D

Acq: 12 Mar 2019 16:40

Instrument :

MSVOA_F

ClientSampleId :

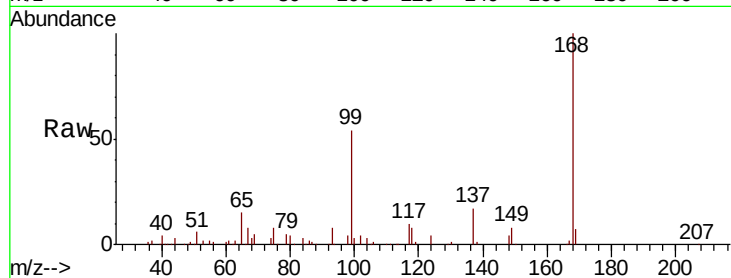
HR-06-031119-A

Tgt Ion: 168 Resp: 176046

Ion Ratio Lower Upper

168 100

99 54.2 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

50000

40000

30000

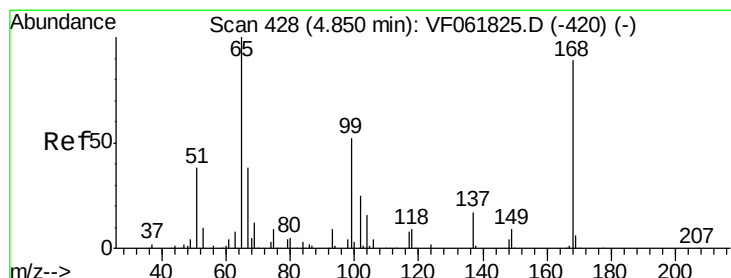
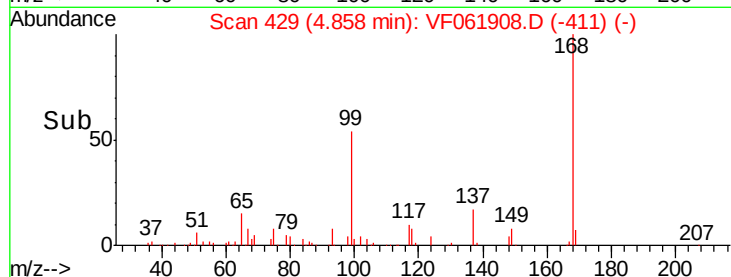
20000

10000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.479 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061908.D

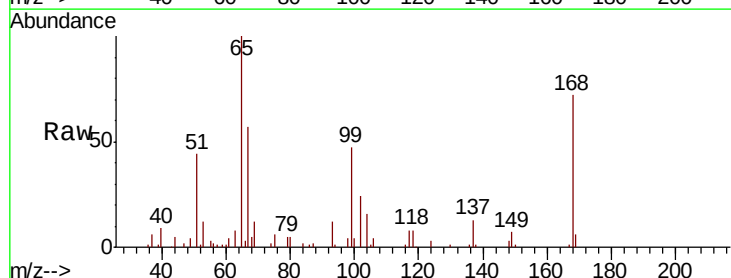
Acq: 12 Mar 2019 16:40

Tgt Ion: 65 Resp: 69845

Ion Ratio Lower Upper

65 100

67 56.7 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

25000

20000

15000

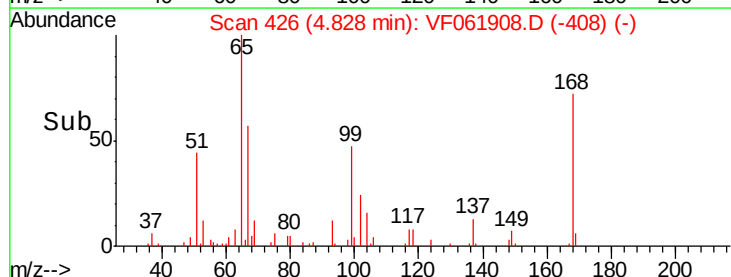
10000

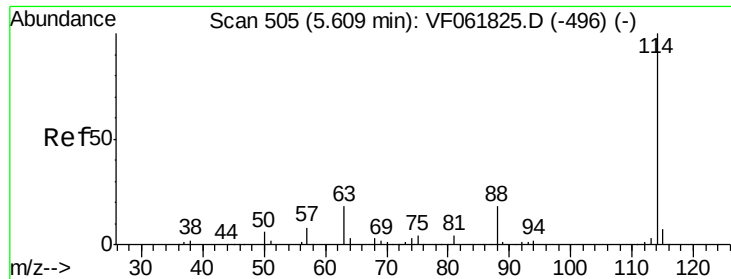
5000

0

4.70 4.80 4.90 5.00

Time-->

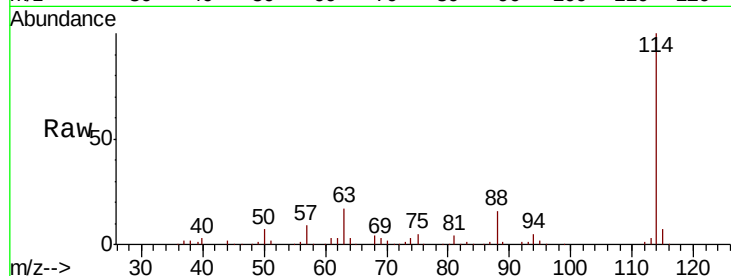




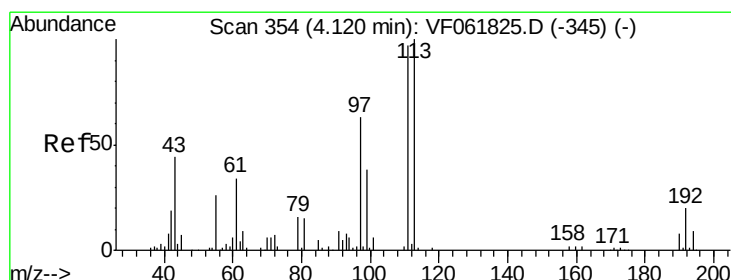
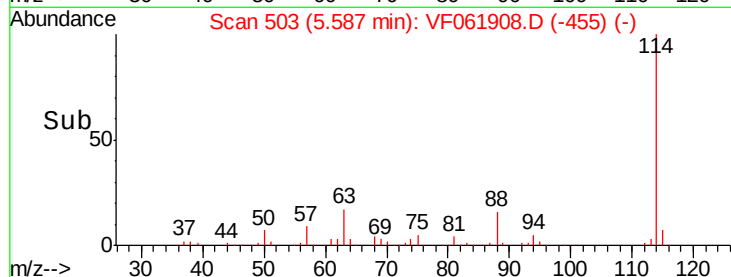
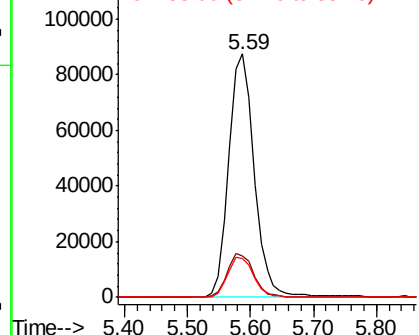
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF061908.D
 Acq: 12 Mar 2019 16:40

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-06-031119-A

Tgt Ion:114 Resp: 246475
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.6
 88 15.9 0.0 35.6

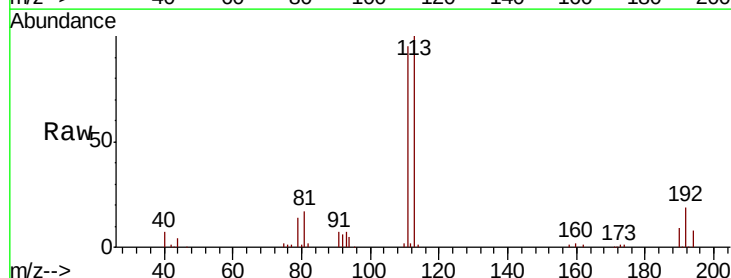


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

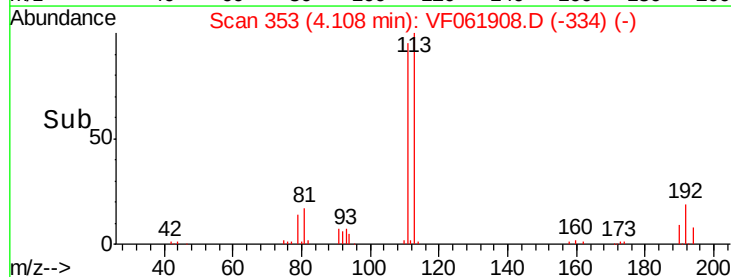
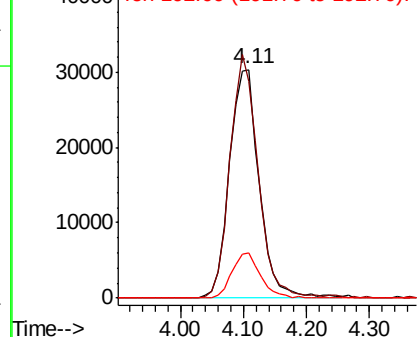


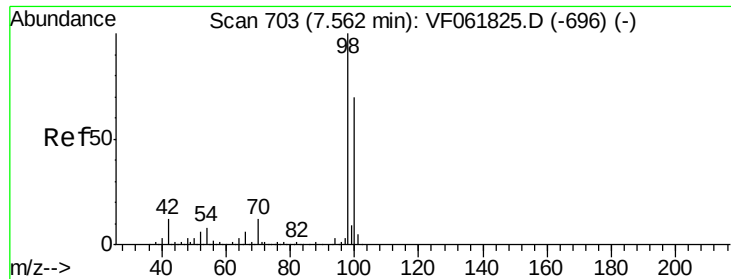
#35
 Dibromofluoromethane
 Concen: 57.652 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VF061908.D
 Acq: 12 Mar 2019 16:40

Tgt Ion:113 Resp: 99166
 Ion Ratio Lower Upper
 113 100
 111 95.0 77.6 116.4
 192 19.5 15.9 23.9



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

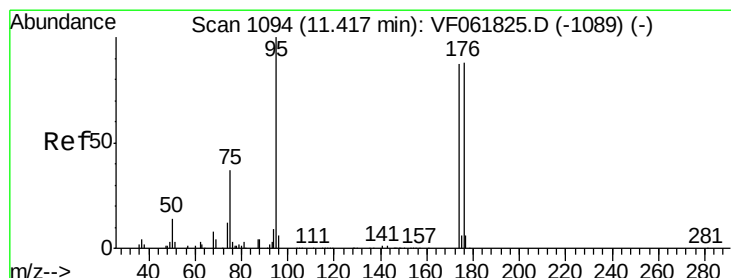
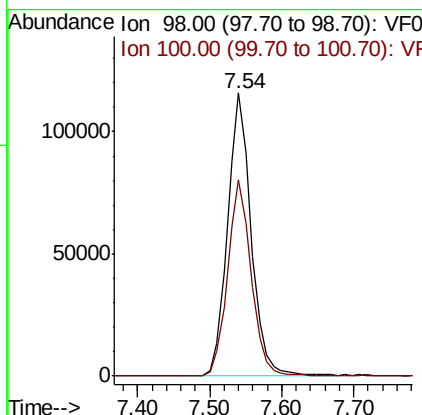
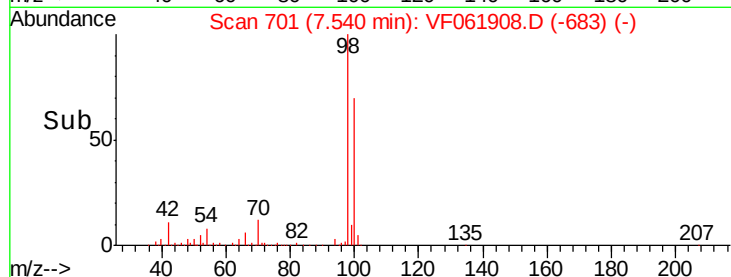
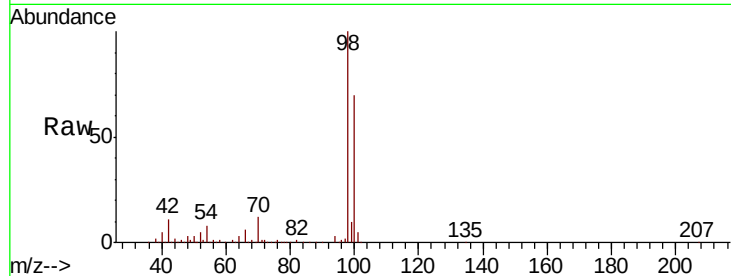




#50
Toluene-d8
Concen: 51.571 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

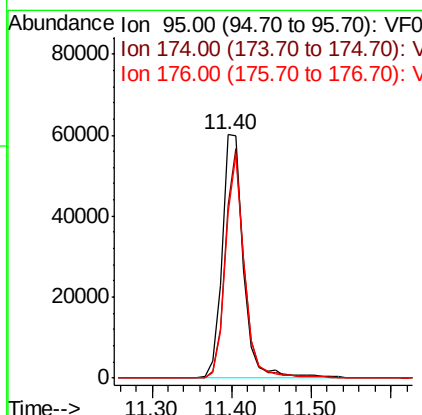
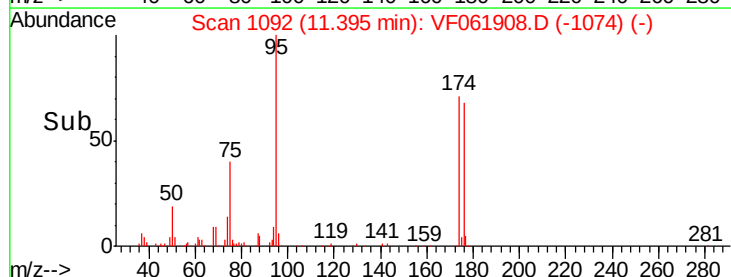
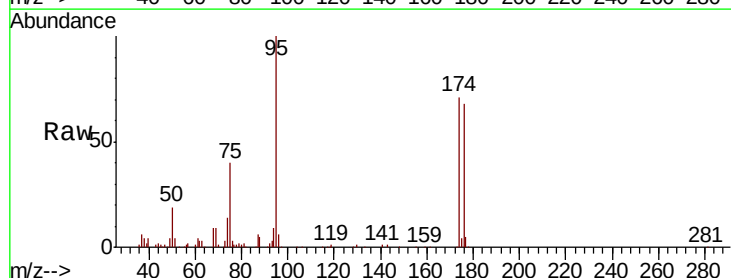
Instrument :
MSVOA_F
ClientSampleId :
HR-06-031119-A

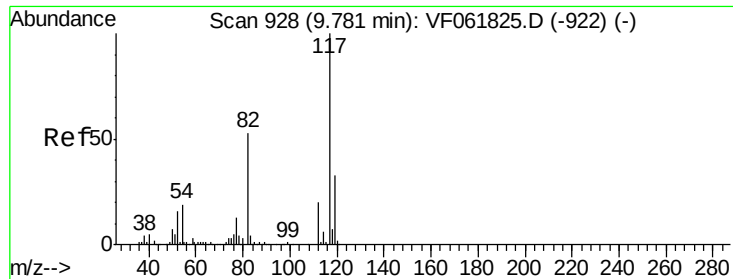
Tgt Ion: 98 Resp: 263659
Ion Ratio Lower Upper
98 100
100 69.5 56.0 84.0



#62
4-Bromofluorobenzene
Concen: 56.990 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Tgt Ion: 95 Resp: 114136
Ion Ratio Lower Upper
95 100
174 71.2 0.0 174.0
176 67.8 0.0 175.2

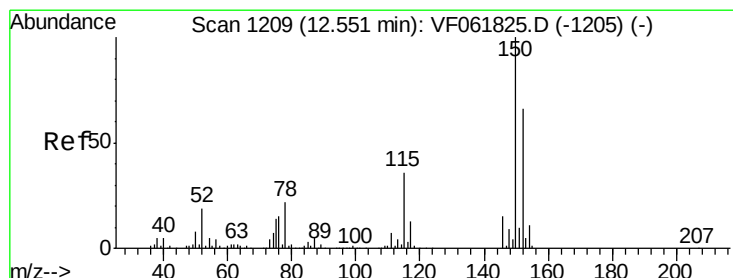
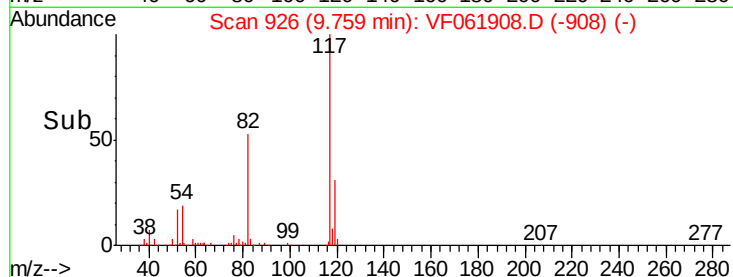
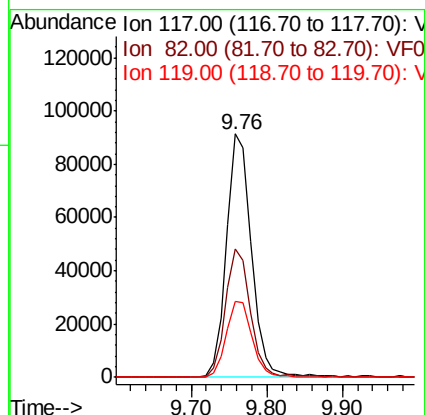
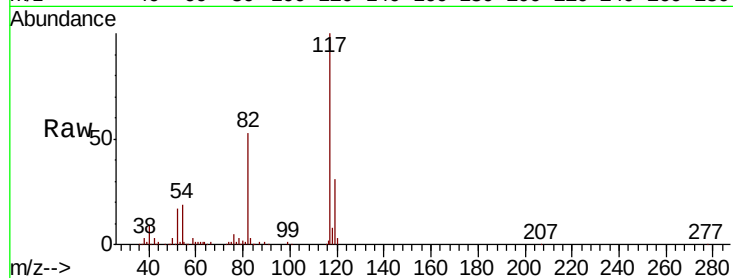




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

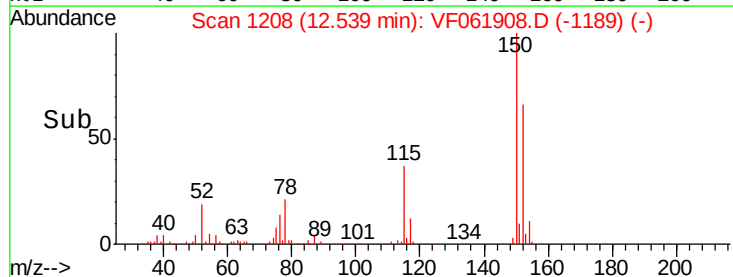
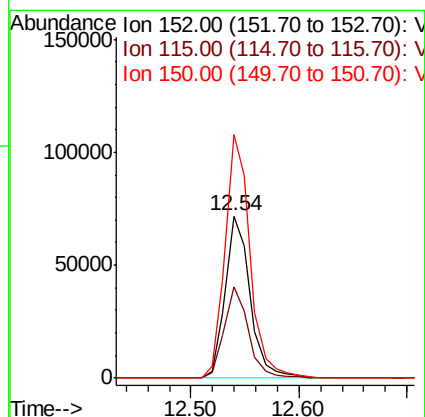
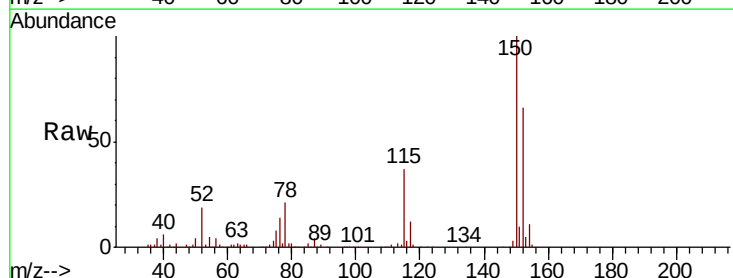
Instrument :
MSVOA_F
ClientSampleId :
HR-06-031119-A

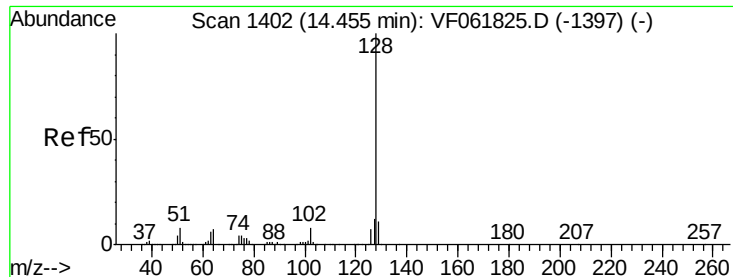
Tgt Ion:117 Resp: 209278
Ion Ratio Lower Upper
117 100
82 52.8 42.6 63.8
119 31.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Tgt Ion:152 Resp: 115515
Ion Ratio Lower Upper
152 100
115 56.2 27.7 83.1
150 150.5 0.0 304.2

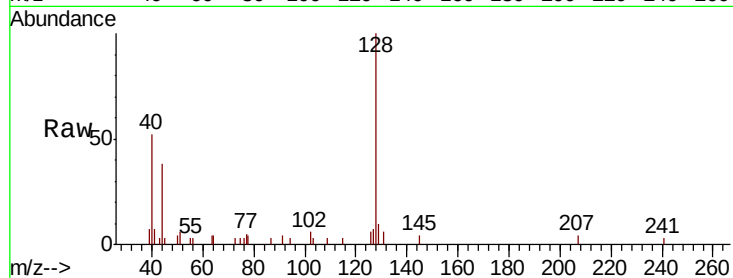




#95
Naphthalene
Concen: 1.477 ug/l
RT: 14.45 min Scan# 1402
Delta R.T. -0.00 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
HR-06-031119-A

Tgt Ion:128 Resp: 6349
Ion Ratio Lower Upper
128 100
127 7.1 9.3 13.9#
129 10.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

