

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059812.D
 Acq On : 2 Aug 2018 20:35
 Operator : VA/AP
 Sample : J4164-08
 Misc : 12.18g/5mL/MSVOA F/SOIL
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4(7-9)

Quant Time: Aug 03 07:44:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	8335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	8294	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	5317	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	2213	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	1989	13.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	26.56%	
35) Dibromofluoromethane	4.28	113	2327	27.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	54.02%	
50) Toluene-d8	7.70	98	6002	29.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	59.76%	
62) 4-Bromofluorobenzene	11.50	95	1722	15.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	30.96%	

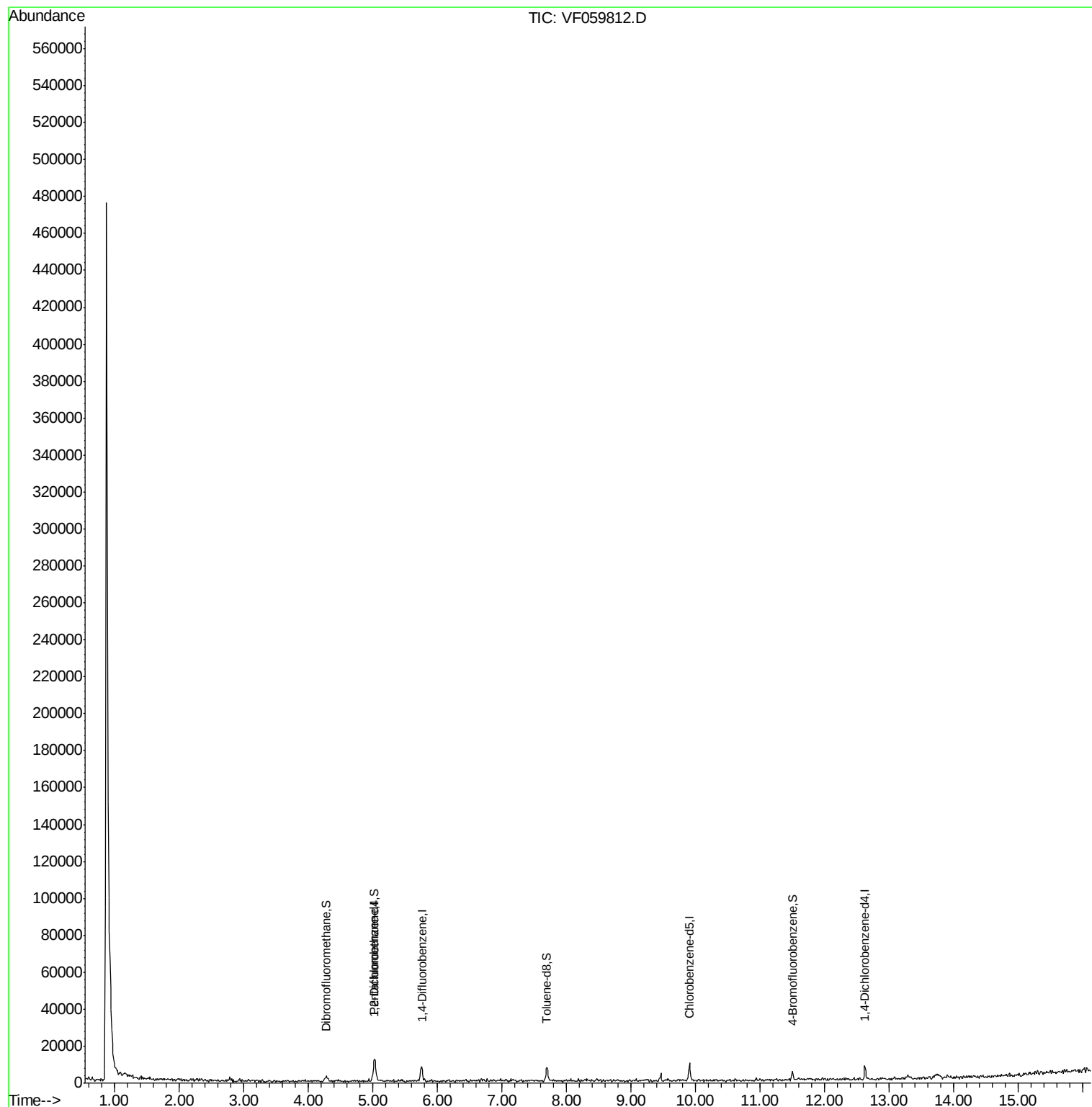
Target Compounds	Qvalue

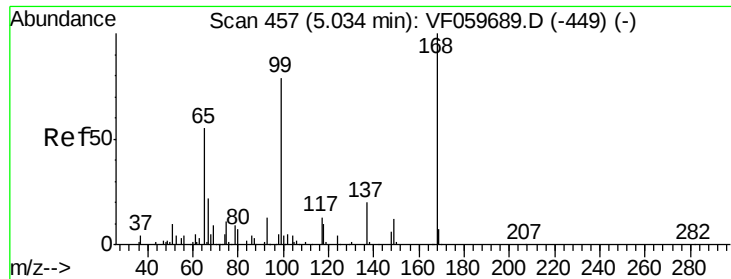
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059812.D

Acq: 2 Aug 2018 20:35

Instrument :

MSVOA_F

ClientSampleId :

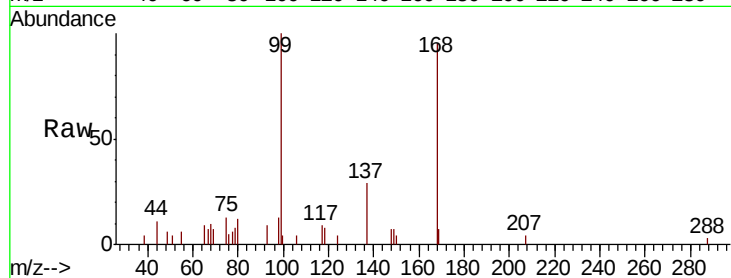
SB-4(7-9)

Tot Ion:168 Resp: 8335

Ion Ratio Lower Upper

168 100

99 105.2 63.3 94.9#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

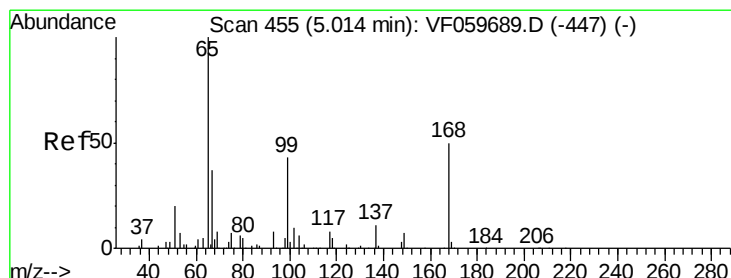
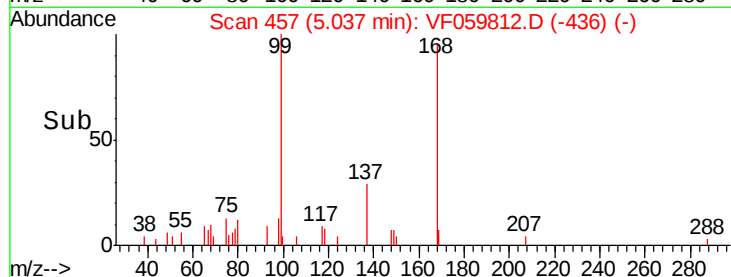
3000

2000

1000

0

Time--> 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 13.28 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059812.D

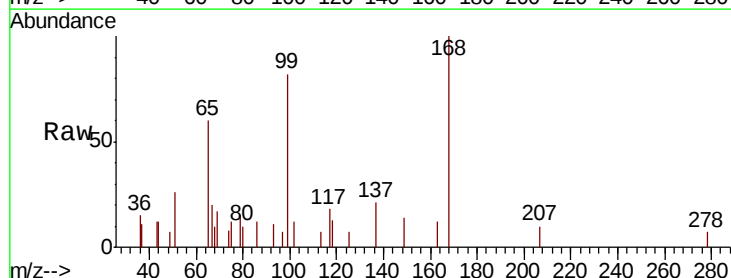
Acq: 2 Aug 2018 20:35

Tgt Ion: 65 Resp: 1989

Ion Ratio Lower Upper

65 100

67 33.7 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

1000

800

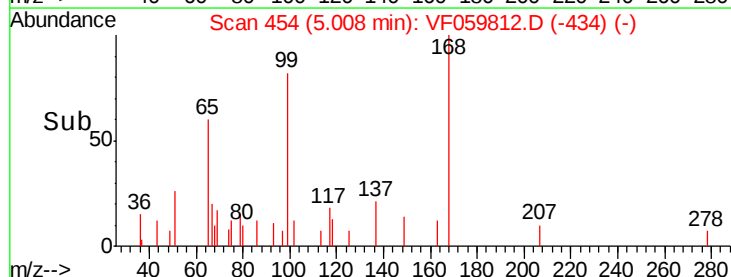
600

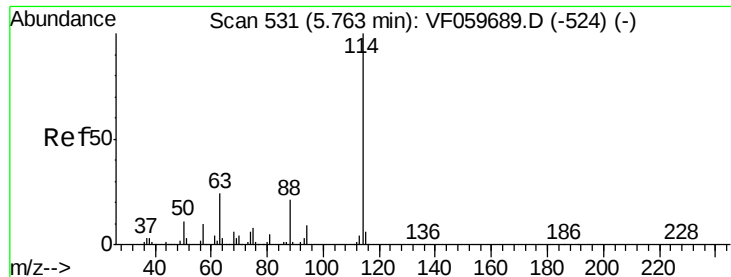
400

200

0

Time--> 4.90 4.95 5.00 5.05

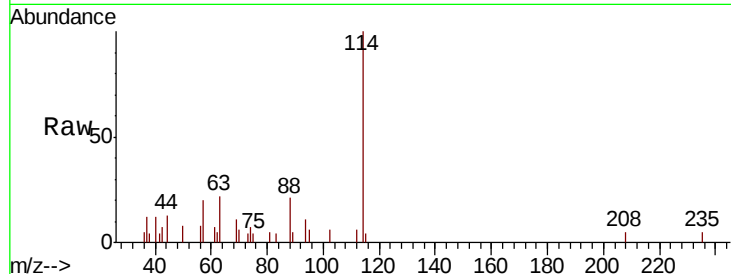




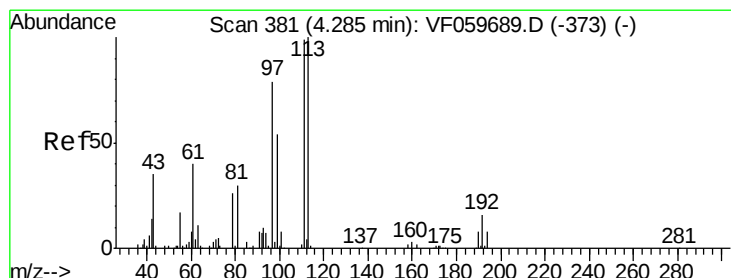
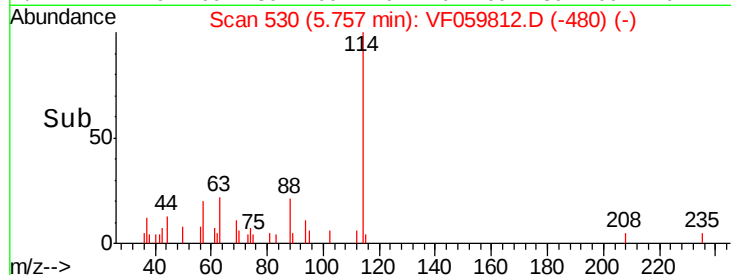
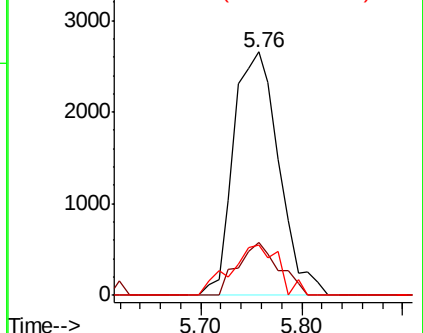
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059812.D
 Acq: 2 Aug 2018 20:35

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4(7-9)

Tot Ion:114 Resp: 8294
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 47.4
 88 20.7 0.0 41.2

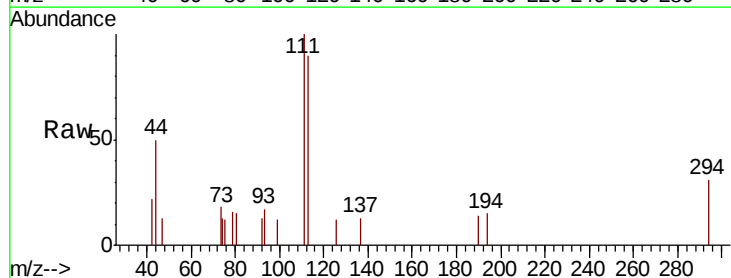


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

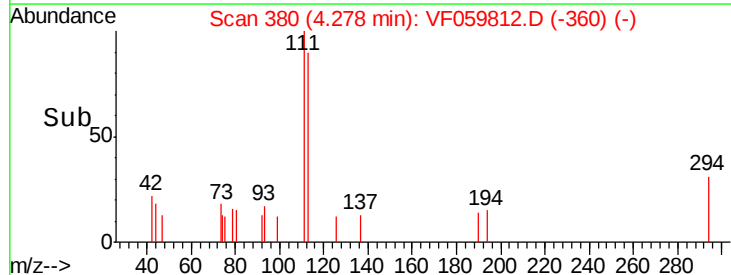
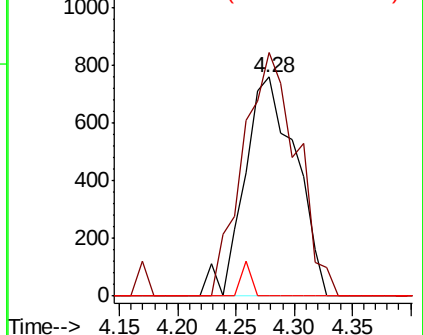


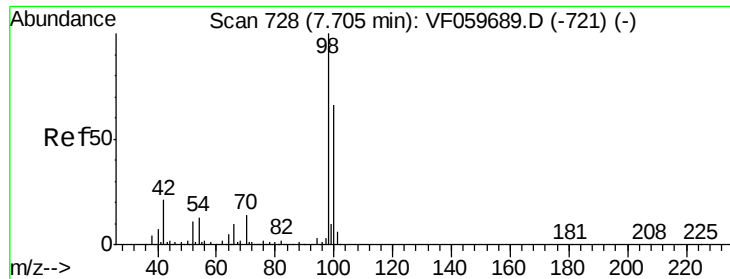
#35
 Dibromofluoromethane
 Concen: 27.01 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VF059812.D
 Acq: 2 Aug 2018 20:35

Tgt Ion:113 Resp: 2327
 Ion Ratio Lower Upper
 113 100
 111 111.2 79.0 118.4
 192 0.0 13.2 19.8#



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

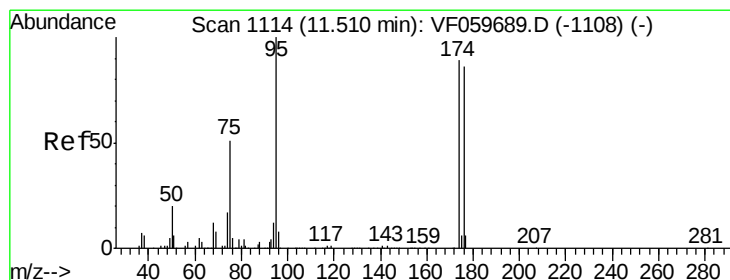
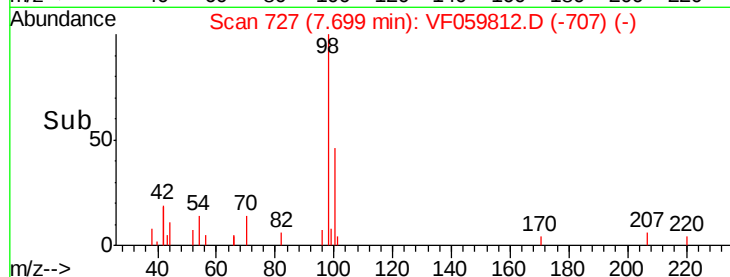
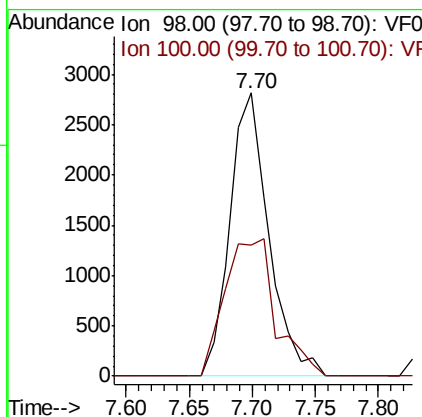
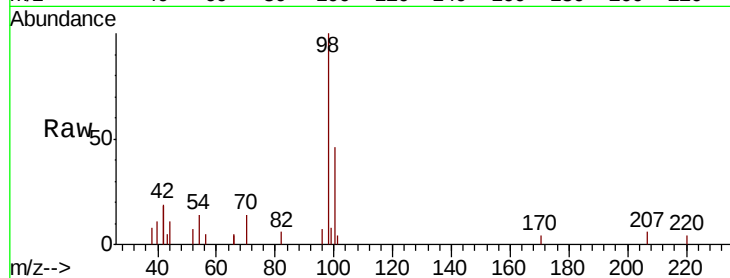




#50
Toluene-d8
Concen: 29.88 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059812.D
Acq: 2 Aug 2018 20:35

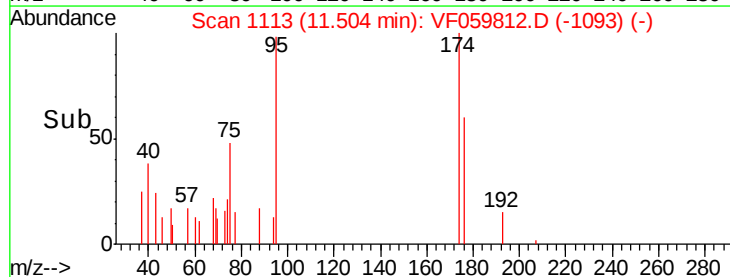
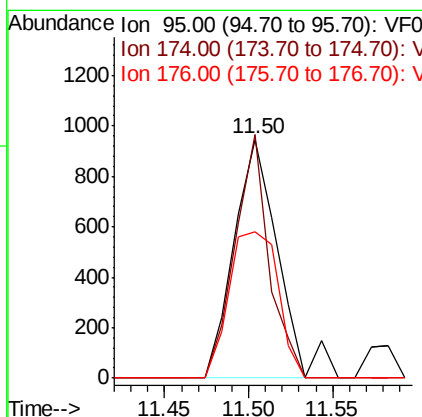
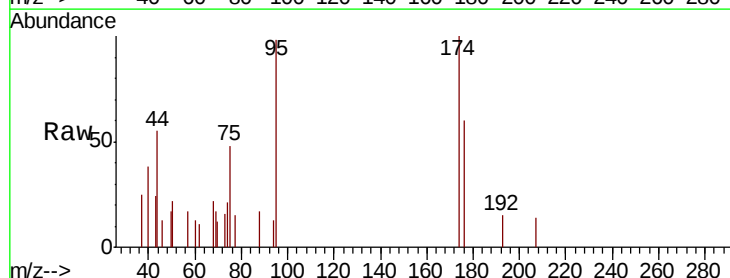
Instrument :
MSVOA_F
ClientSampleId :
SB-4(7-9)

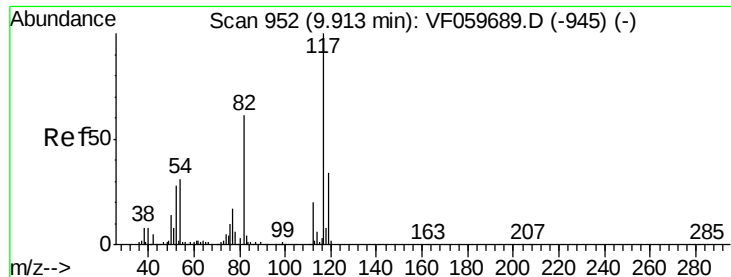
Tot Ion: 98 Resp: 6002
Ion Ratio Lower Upper
98 100
100 46.1 52.8 79.2#



#62
4-Bromofluorobenzene
Concen: 15.48 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059812.D
Acq: 2 Aug 2018 20:35

Tgt Ion: 95 Resp: 1722
Ion Ratio Lower Upper
95 100
174 102.0 0.0 178.4
176 61.1 0.0 173.0

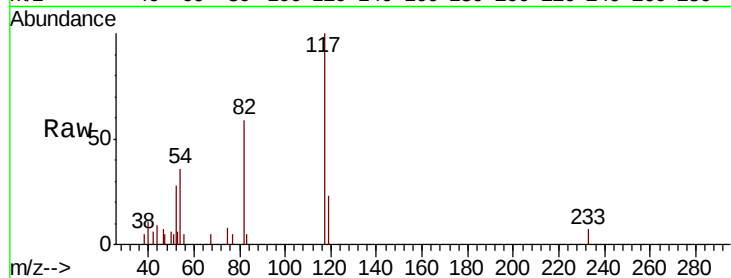




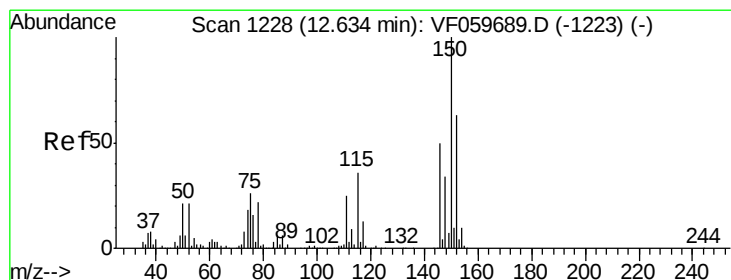
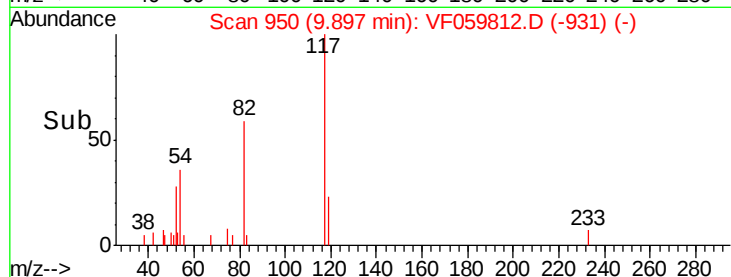
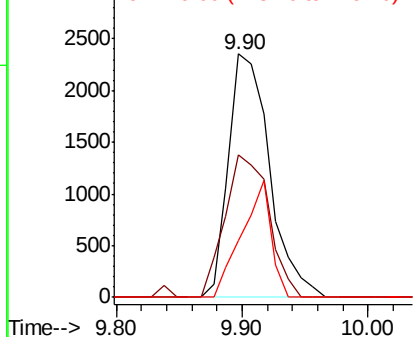
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.02 min
Lab File: VF059812.D
Acq: 2 Aug 2018 20:35

Instrument :
MSVOA_F
ClientSampleId :
SB-4(7-9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	49.0	73.4
119	23.5	27.3	40.9#

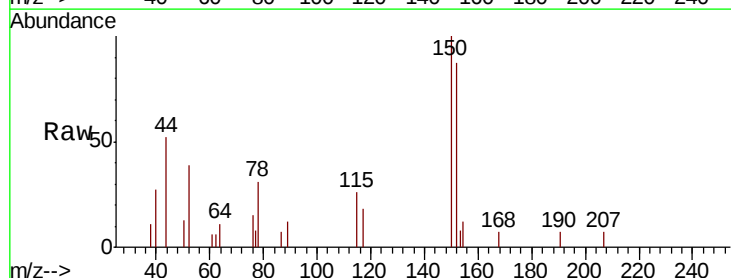


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059812.D
Acq: 2 Aug 2018 20:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	29.7	28.2	84.6
150	115.4	0.0	316.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

