

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081418\
 Data File : VF059960.D
 Acq On : 14 Aug 2018 23:19
 Operator : VA/AP
 Sample : VF0814SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0814SBL01

Quant Time: Aug 15 11:14:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 09:20:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	135746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	193804	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	188438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	119531	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	118827	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	4.31	113	98000	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	7.72	98	205277	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.52	95	116397	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

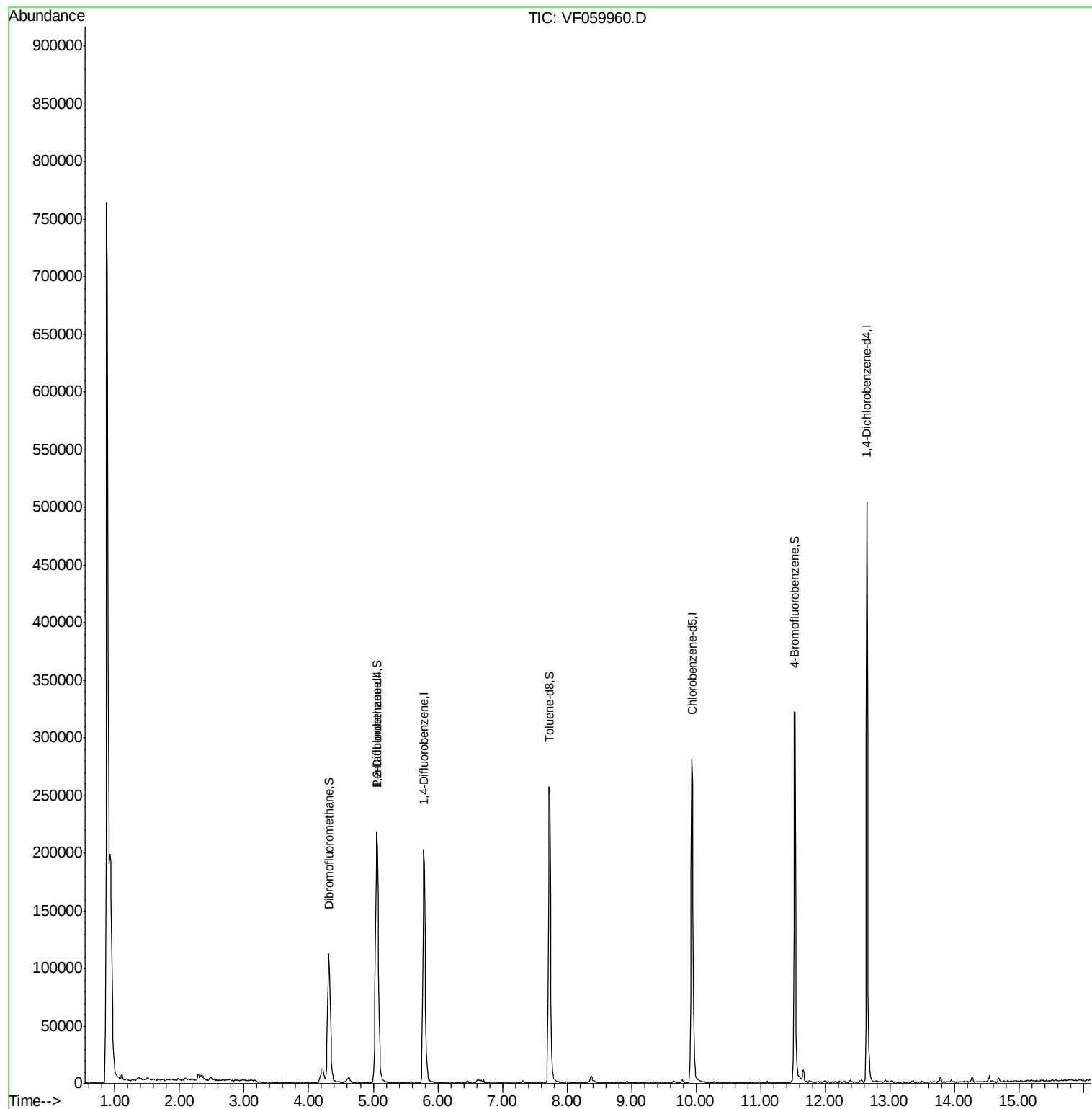
Target Compounds	Qvalue
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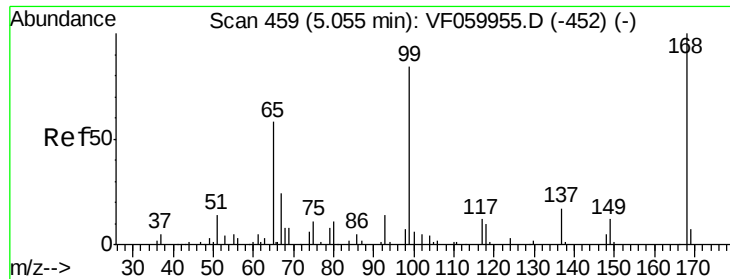
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF059960.D

Acq: 14 Aug 2018 23:19

Instrument :

MSVOA_F

ClientSampleId :

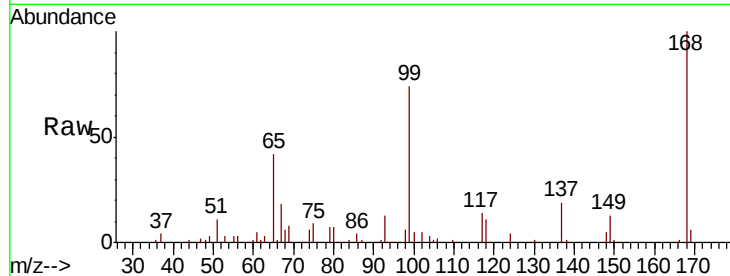
VF0814SBL01

Tot Ion:168 Resp: 135746

Ion Ratio Lower Upper

168 100

99 74.3 67.4 101.0



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

50000

40000

30000

20000

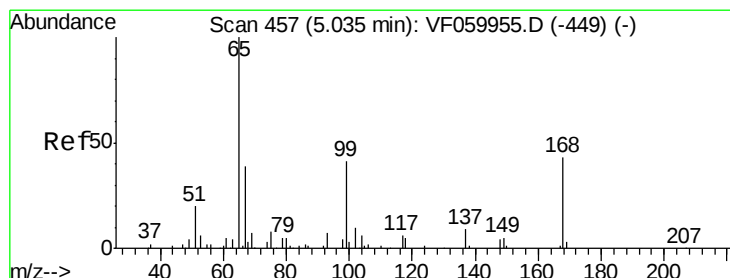
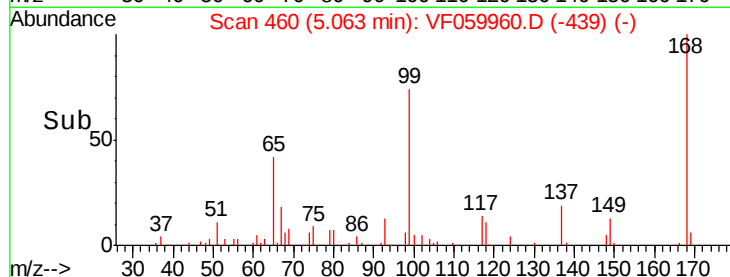
10000

0

Time-->

4.90 5.00 5.10 5.20

5.06



#33

1,2-Dichloroethane-d4

Concen: 50.07 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059960.D

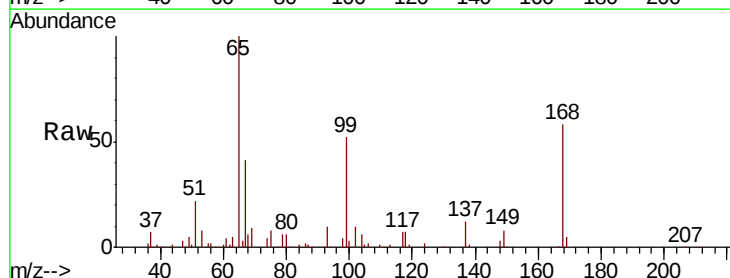
Acq: 14 Aug 2018 23:19

Tgt Ion: 65 Resp: 118827

Ion Ratio Lower Upper

65 100

67 40.6 0.0 87.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

50000

40000

30000

20000

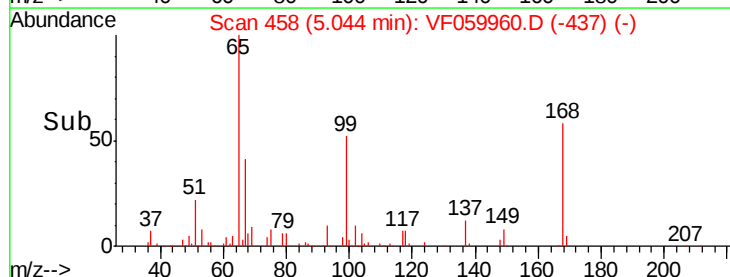
10000

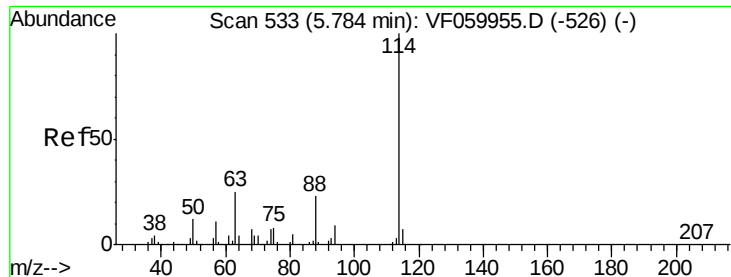
0

Time-->

4.90 5.00 5.10 5.20

5.04





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.78 min Scan# 533

Delta R.T. -0.00 min

Lab File: VF059960.D

Acq: 14 Aug 2018 23:19

Instrument :

MSVOA_F

ClientSampleId :

VF0814SBL01

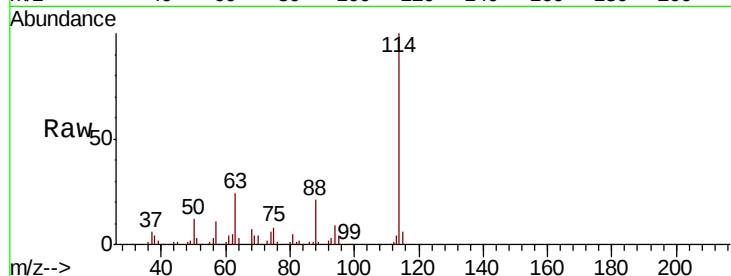
Tot Ion:114 Resp: 193804

Ion Ratio Lower Upper

114 100

63 23.6 0.0 50.2

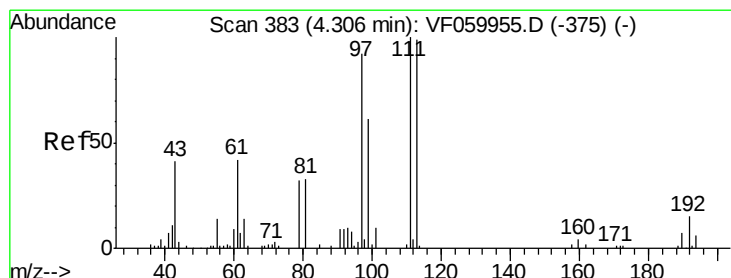
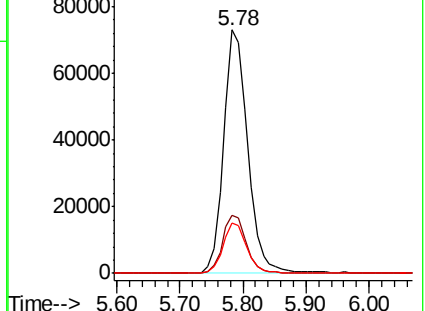
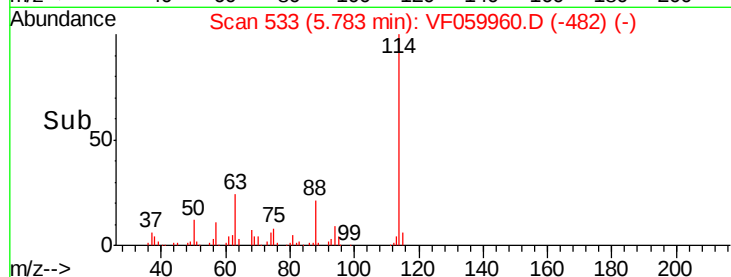
88 20.5 0.0 46.8



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: 50.46 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF059960.D

Acq: 14 Aug 2018 23:19

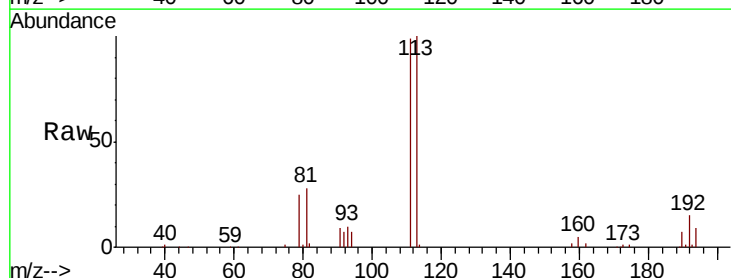
Tgt Ion:113 Resp: 98000

Ion Ratio Lower Upper

113 100

111 98.0 80.6 121.0

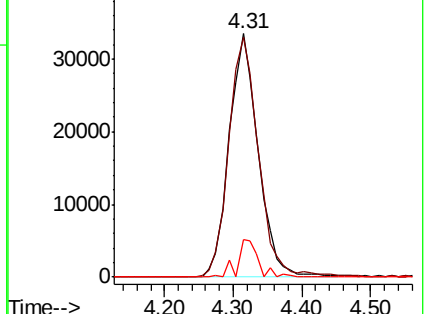
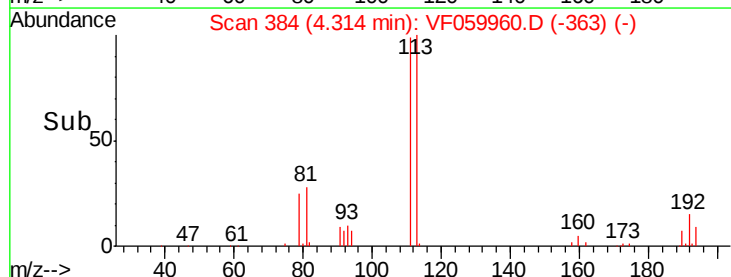
192 15.2 11.7 17.5

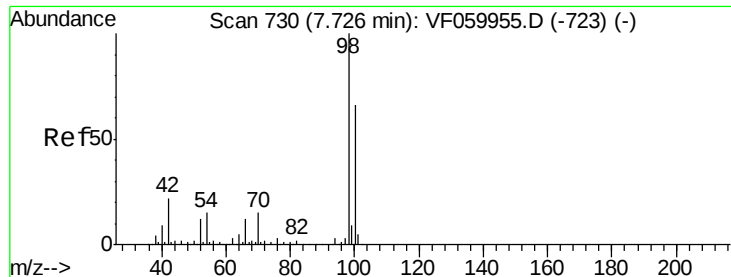


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

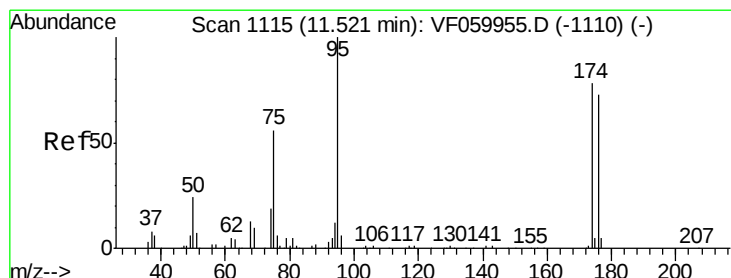
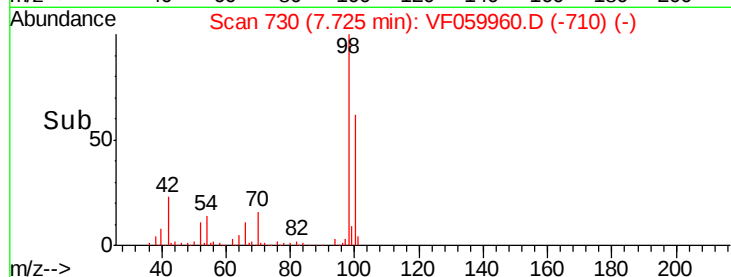
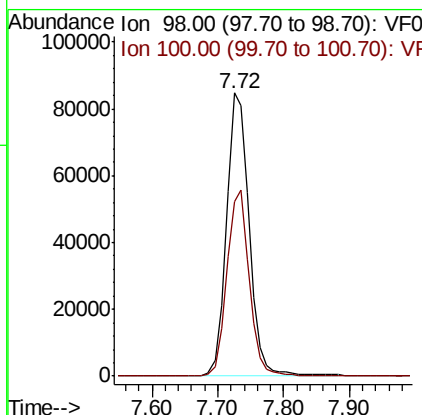
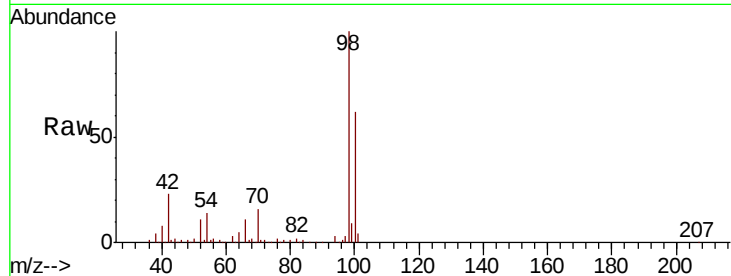




#50
Toluene-d8
Concen: 47.93 ug/l
RT: 7.72 min Scan# 730
Delta R.T. -0.00 min
Lab File: VF059960.D
Acq: 14 Aug 2018 23:19

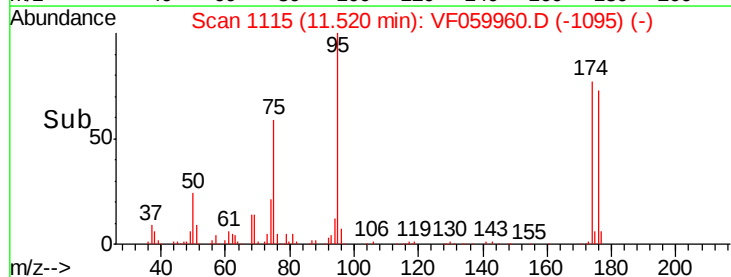
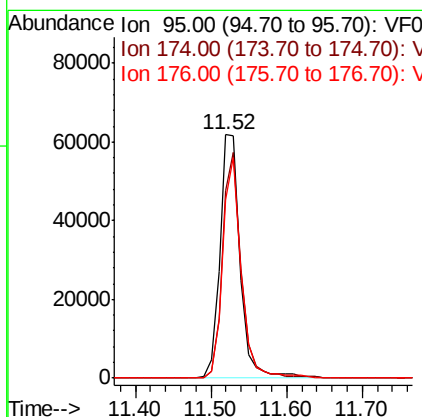
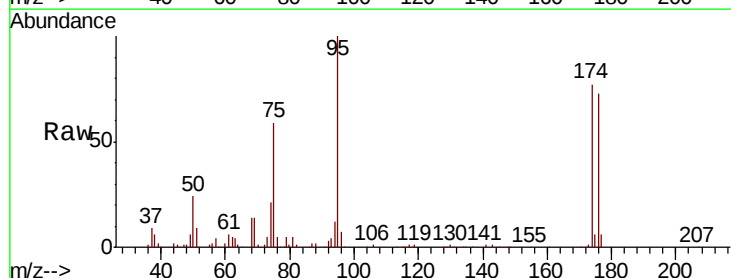
Instrument :
MSVOA_F
ClientSampleId :
VF0814SBL01

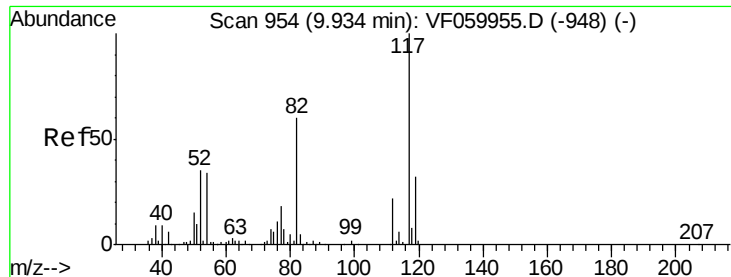
Tot Ion: 98 Resp: 205277
Ion Ratio Lower Upper
98 100
100 61.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 49.48 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. -0.00 min
Lab File: VF059960.D
Acq: 14 Aug 2018 23:19

Tgt Ion: 95 Resp: 116397
Ion Ratio Lower Upper
95 100
174 76.9 0.0 156.4
176 73.4 0.0 146.8

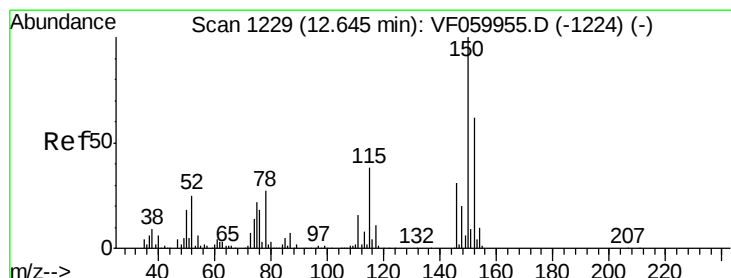
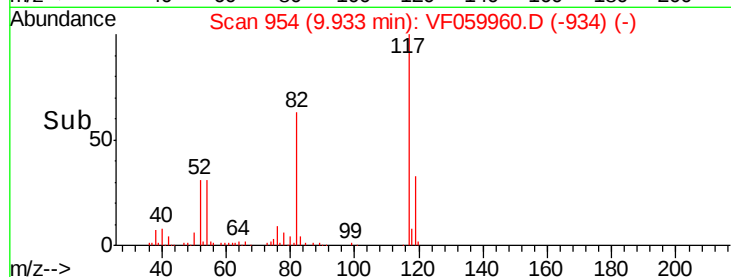
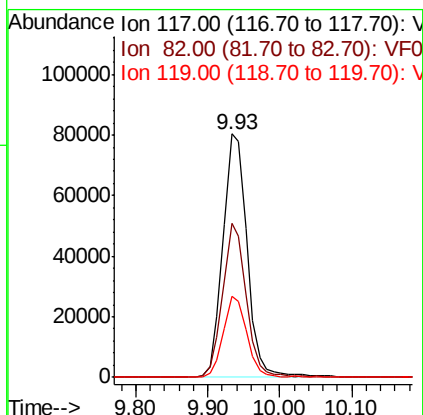
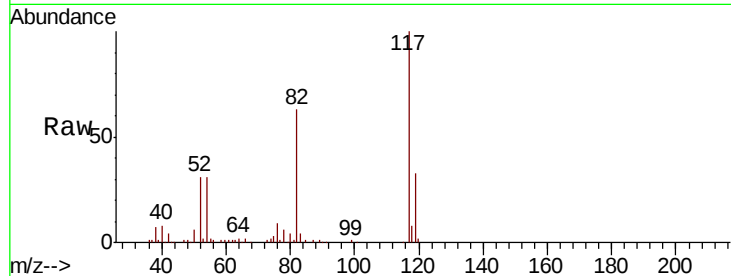




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 954
Delta R.T. -0.00 min
Lab File: VF059960.D
Acq: 14 Aug 2018 23:19

Instrument :
MSVOA_F
ClientSampleId :
VF0814SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.1	48.3	72.5
119	33.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VF059960.D
Acq: 14 Aug 2018 23:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	31.4	94.0
150	156.8	0.0	326.2

