

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059192.D
 Acq On : 19 Jun 2018 16:42
 Operator : VA/AP
 Sample : VF0619SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0619SBL01

Quant Time: Jun 20 04:18:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	294699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	435643	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	429279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	274223	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	198269	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	
35) Dibromofluoromethane	4.28	113	169650	55.50	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	111.00%	
50) Toluene-d8	7.70	98	427810	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	11.51	95	248143	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	

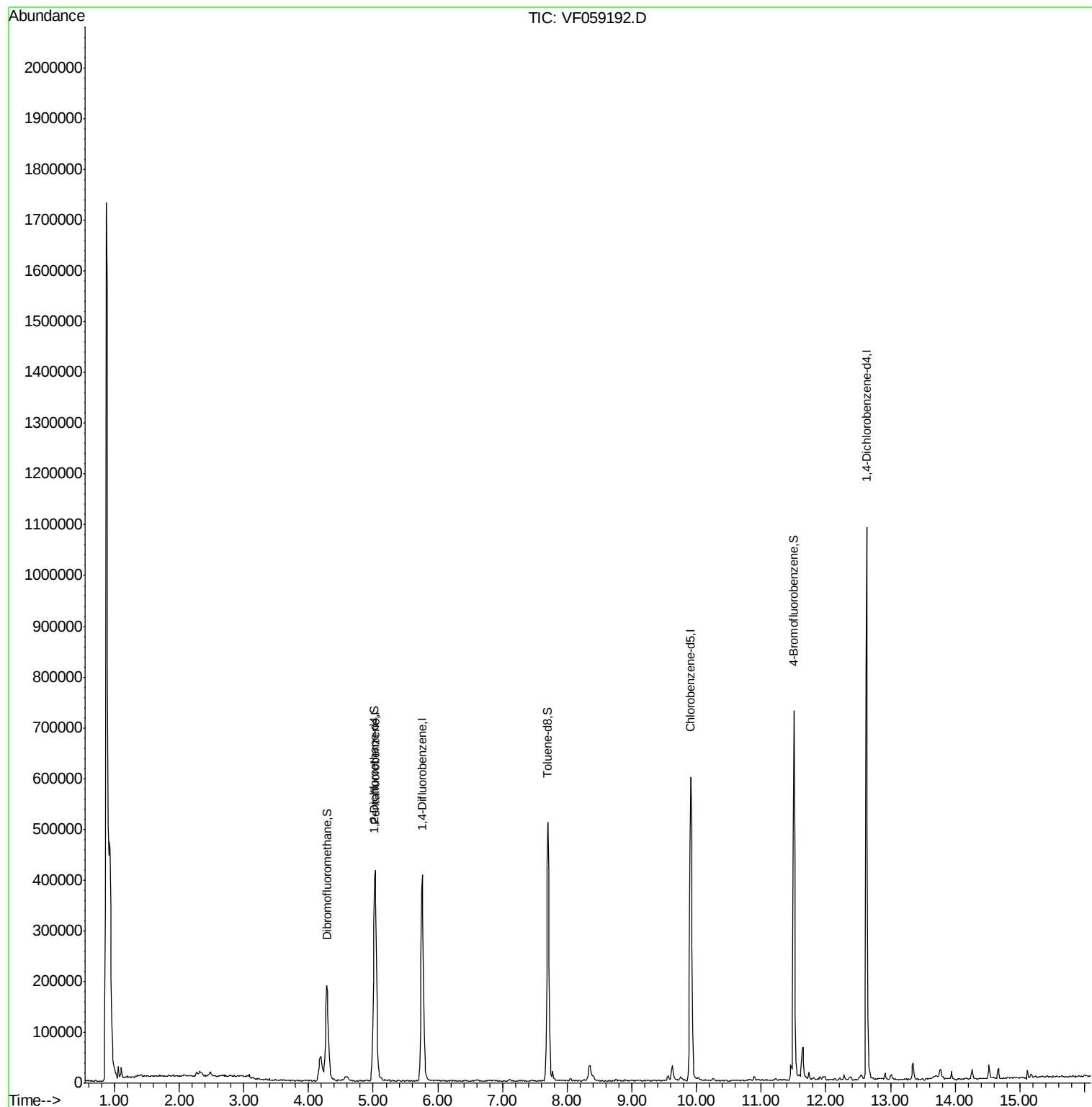
Target Compounds	Qvalue

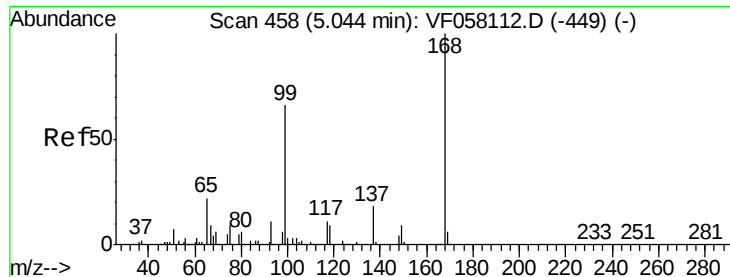
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF059192.D

Acq: 19 Jun 2018 16:42

Instrument :

MSVOA_F

ClientSampleId :

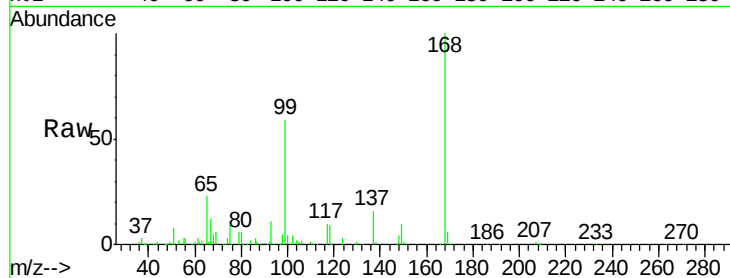
VF0619SBL01

Tot Ion:168 Resp: 294699

Ion Ratio Lower Upper

168 100

99 59.2 52.9 79.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.04

100000

80000

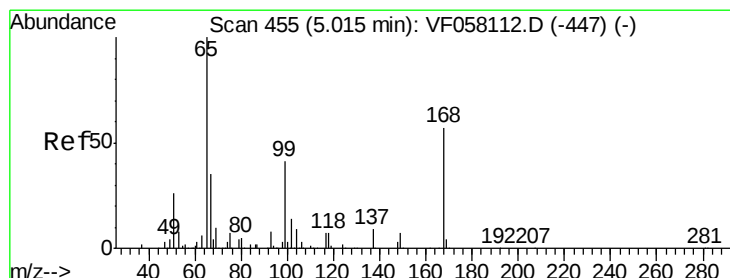
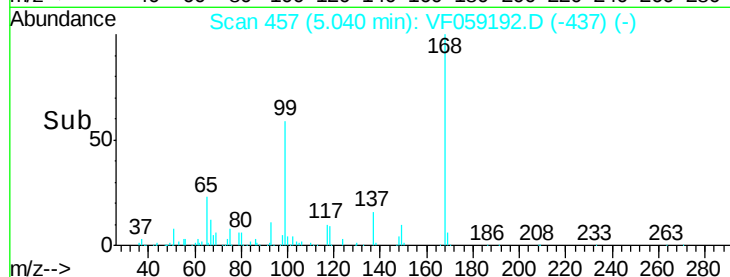
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.47 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059192.D

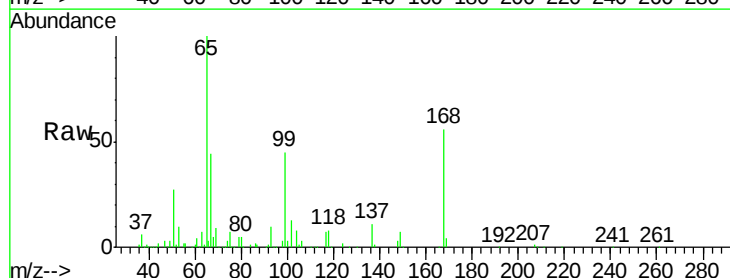
Acq: 19 Jun 2018 16:42

Tgt Ion: 65 Resp: 198269

Ion Ratio Lower Upper

65 100

67 43.9 0.0 97.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

80000

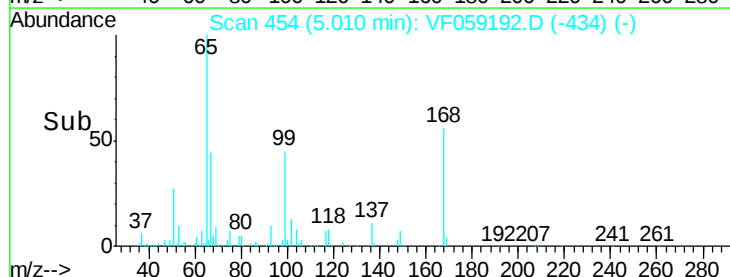
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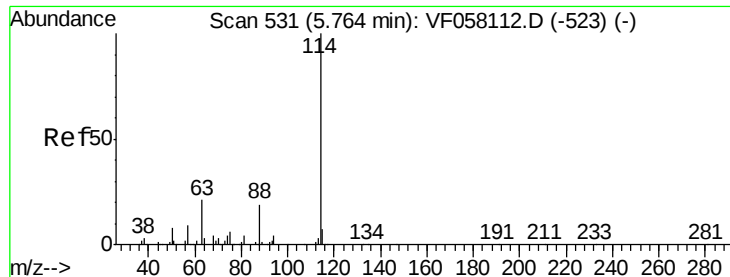
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059192.D

Acq: 19 Jun 2018 16:42

Instrument :

MSVOA_F

ClientSampleId :

VF0619SBL01

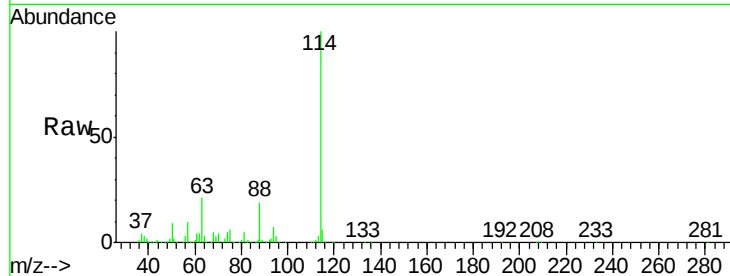
Tot Ion:114 Resp: 435643

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.6

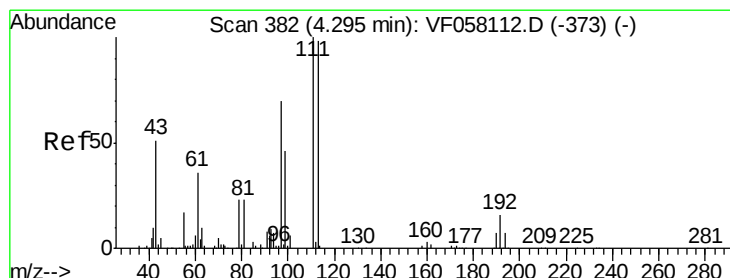
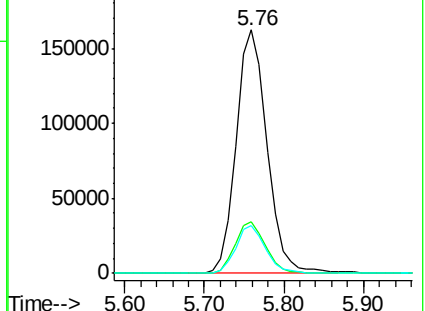
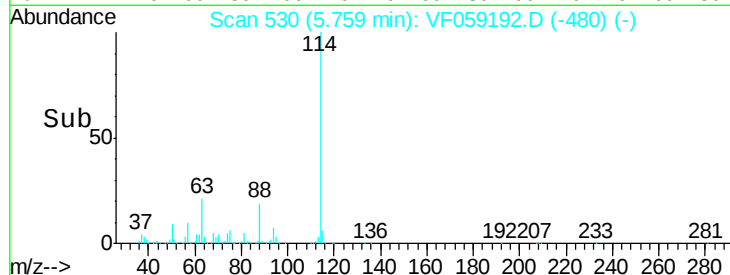
88 19.5 0.0 38.8



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: 55.50 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.01 min

Lab File: VF059192.D

Acq: 19 Jun 2018 16:42

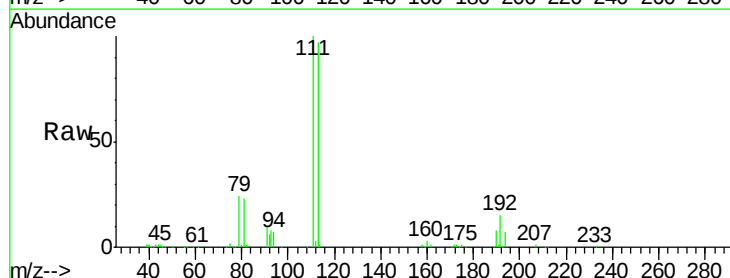
Tgt Ion:113 Resp: 169650

Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

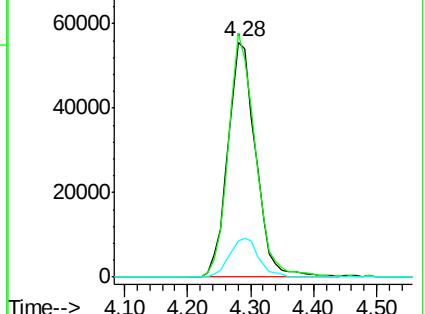
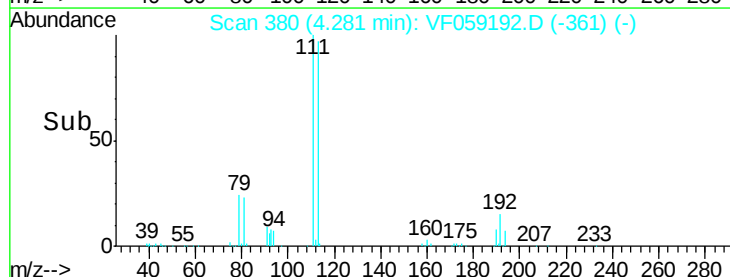
192 15.6 12.7 19.1

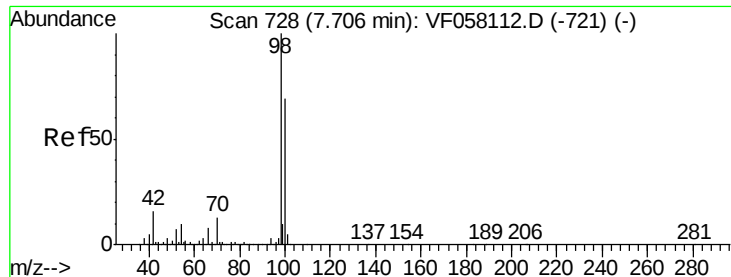


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

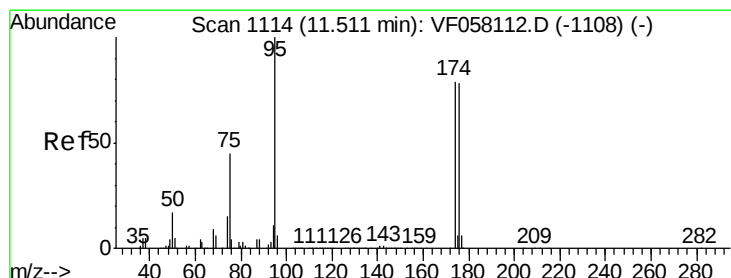
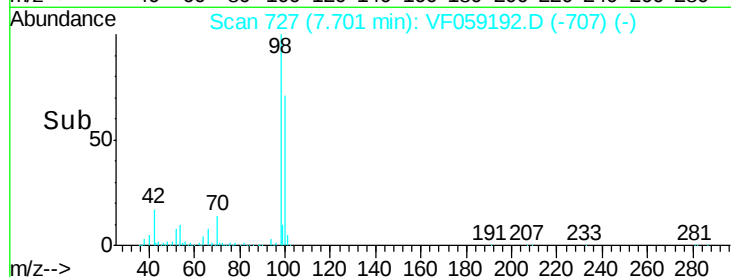
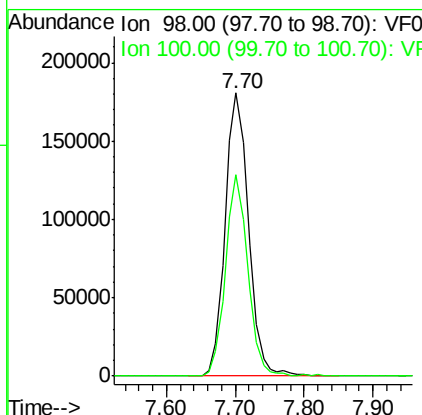
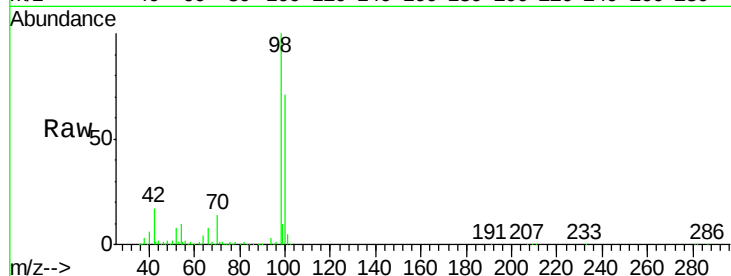




#50
Toluene-d8
Concen: 47.64 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059192.D
Acq: 19 Jun 2018 16:42

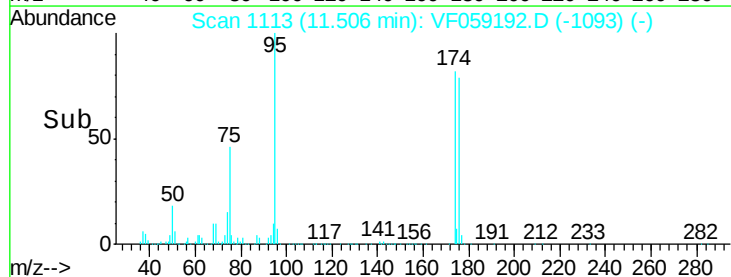
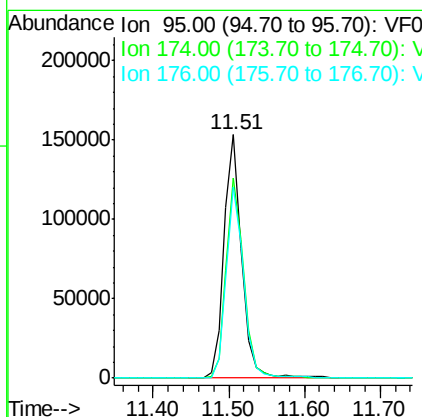
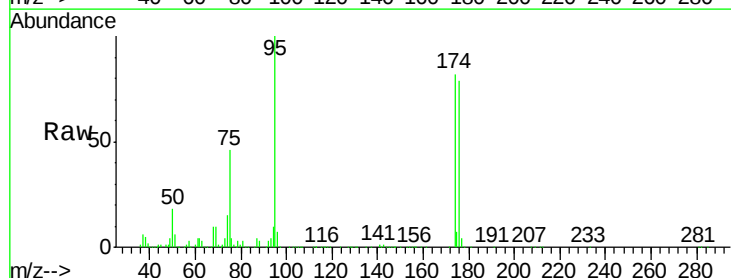
Instrument :
MSVOA_F
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VF0619SBL01

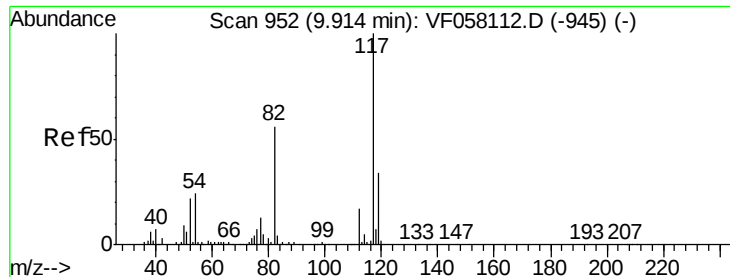
Tot Ion: 98 Resp: 427810
Ion Ratio Lower Upper
98 100
100 71.1 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 53.87 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059192.D
Acq: 19 Jun 2018 16:42

Tgt Ion: 95 Resp: 248143
Ion Ratio Lower Upper
95 100
174 82.4 0.0 157.8
176 78.8 0.0 155.8

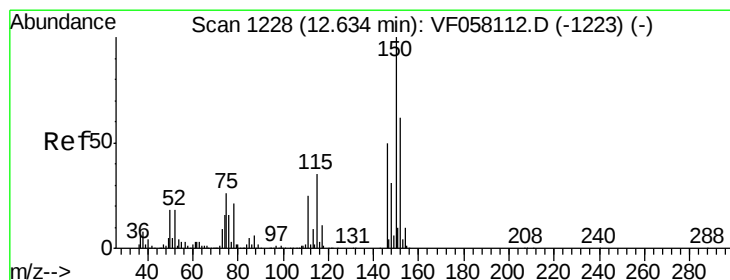
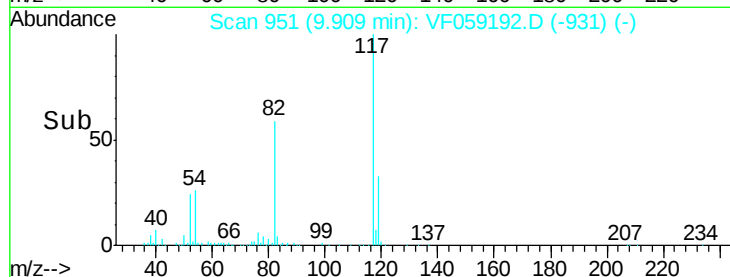
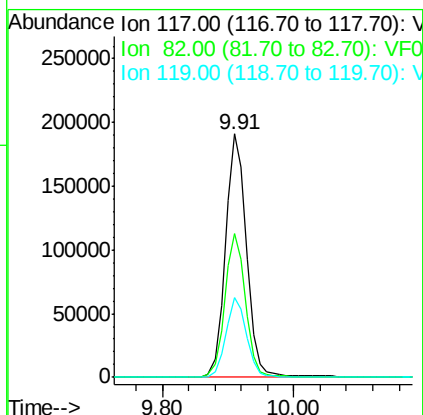
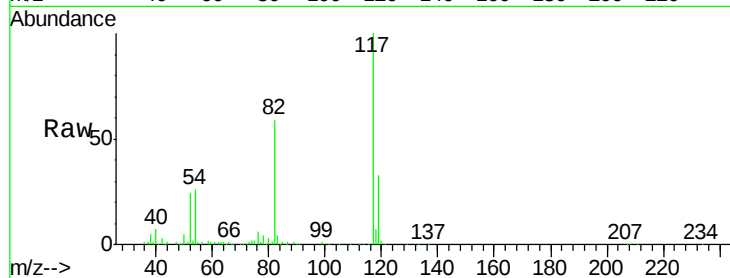




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059192.D
Acq: 19 Jun 2018 16:42

Instrument :
MSVOA_F
ClientSampleId :
VF0619SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	45.2	67.8
119	32.6	27.5	41.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059192.D
Acq: 19 Jun 2018 16:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.5	85.5
150	155.6	0.0	323.8

