

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059489.D
 Acq On : 10 Jul 2018 17:28
 Operator : VA/AP
 Sample : J3879-10RE
 Misc : 5.11g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SURCHARGE-SP-5RE

Quant Time: Jul 10 18:40:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 06:35:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	217725	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.74	114	317556	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	256881	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	106660	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	128933	34.05	ug/l	0.02
Spiked Amount 50.000			Recovery	=	68.10%	
35) Dibromofluoromethane	4.28	113	114559	37.60	ug/l	0.02
Spiked Amount 50.000			Recovery	=	75.20%	
50) Toluene-d8	7.70	98	226374	31.58	ug/l	0.02
Spiked Amount 50.000			Recovery	=	63.16%	
62) 4-Bromofluorobenzene	11.50	95	97485	24.38	ug/l	0.02
Spiked Amount 50.000			Recovery	=	48.76%	

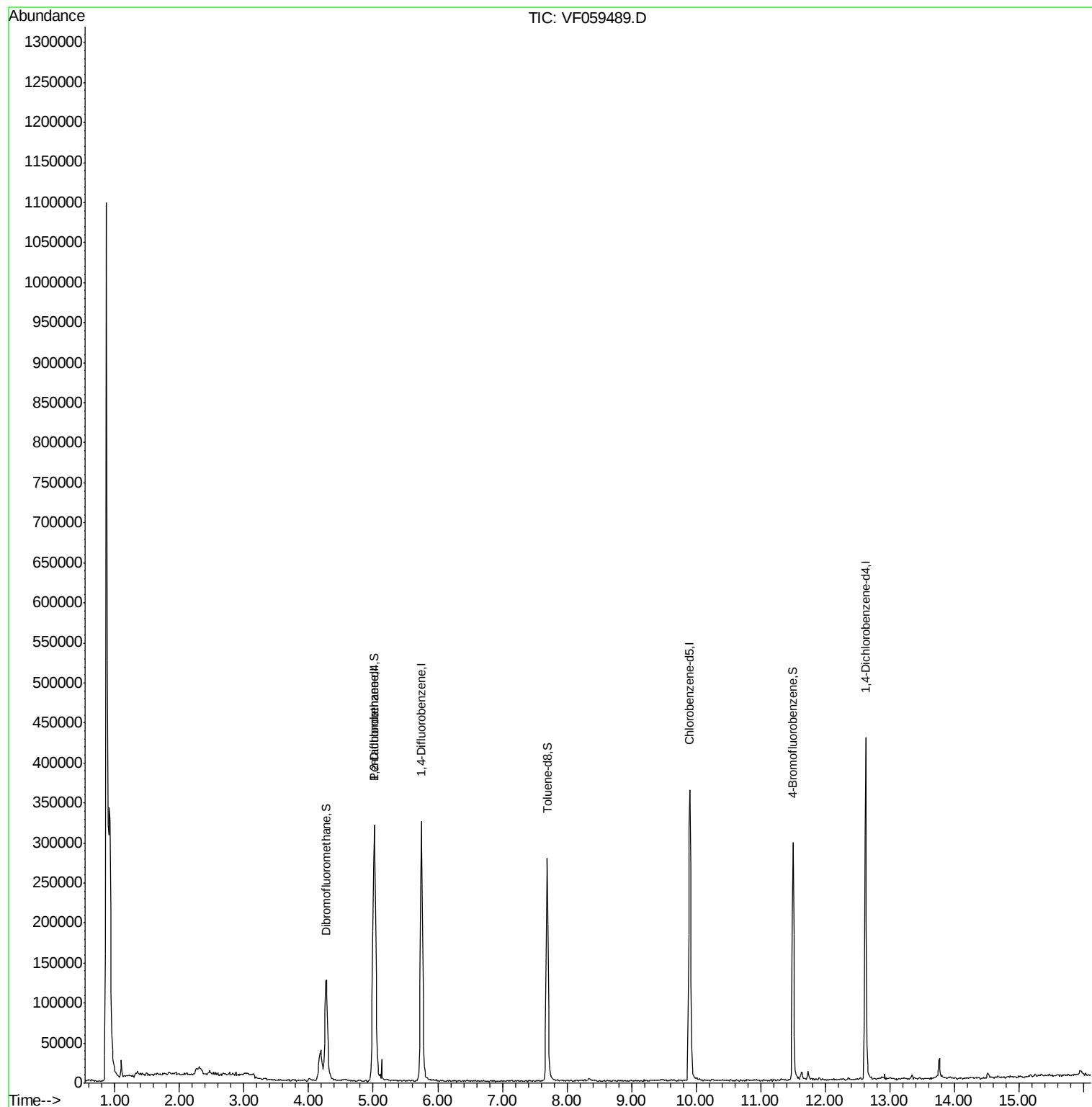
Target Compounds	Qvalue
------------------	--------

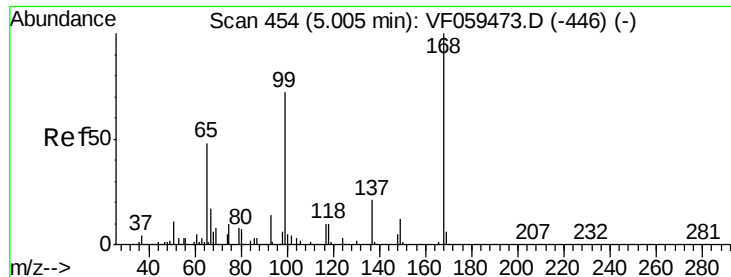
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071018\
Data File : VF059489.D
Acq On : 10 Jul 2018 17:28
Operator : VA/AP
Sample : J3879-10RE
Misc : 5.11g/5mL/MSVOA F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-5RE

Quant Time: Jul 10 18:40:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 06:35:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.02 min

Lab File: VF059489.D

Acq: 10 Jul 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

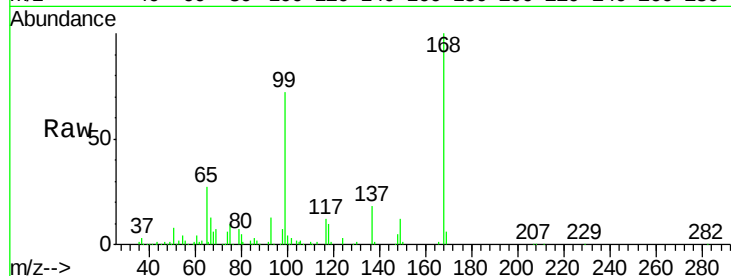
SURCHARGE-SP-5RE

Tot Ion:168 Resp: 217725

Ion Ratio Lower Upper

168 100

99 72.0 57.7 86.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

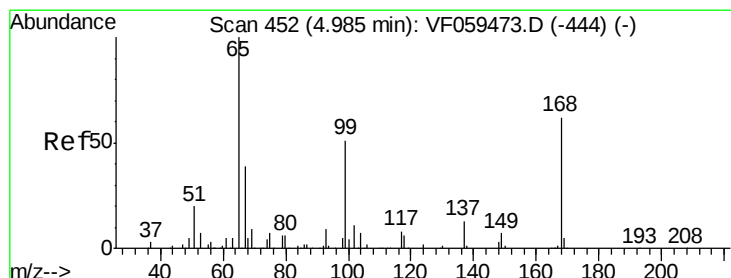
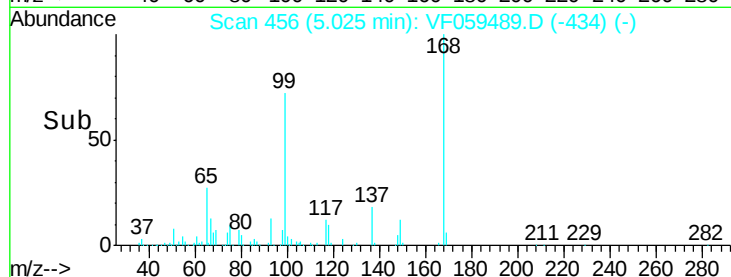
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 34.05 ug/l

RT: 5.00 min Scan# 454

Delta R.T. 0.02 min

Lab File: VF059489.D

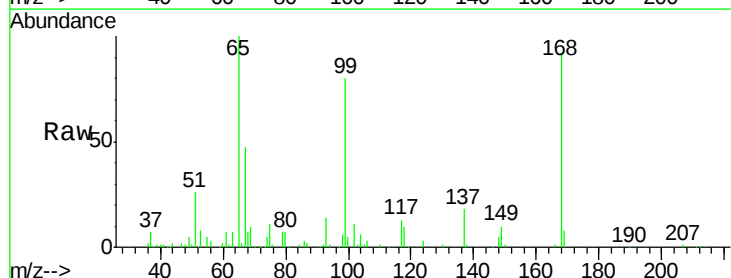
Acq: 10 Jul 2018 17:28

Tgt Ion: 65 Resp: 128933

Ion Ratio Lower Upper

65 100

67 46.5 0.0 88.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

50000

40000

30000

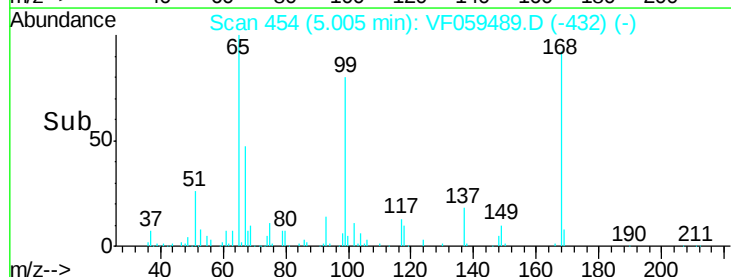
20000

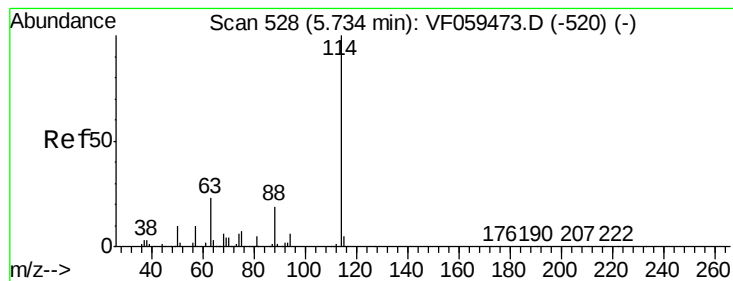
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 529

Delta R.T. 0.01 min

Lab File: VF059489.D

Acq: 10 Jul 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

SURCHARGE-SP-5RE

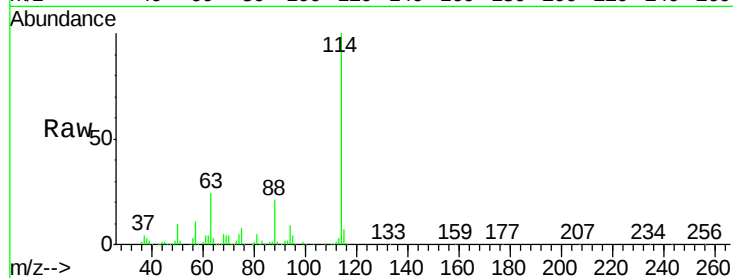
Tot Ion:114 Resp: 317556

Ion Ratio Lower Upper

114 100

63 23.8 0.0 47.2

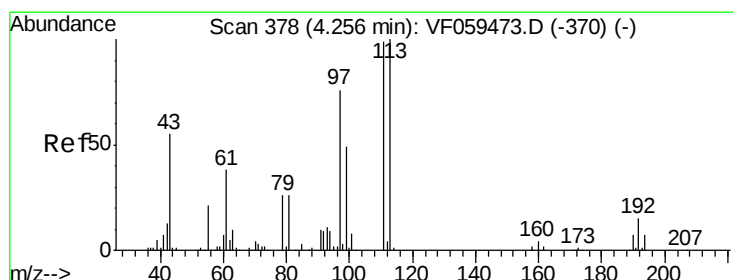
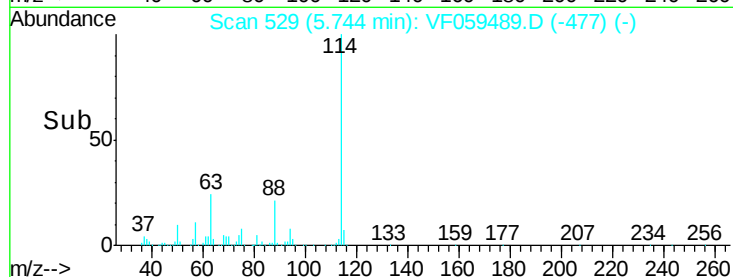
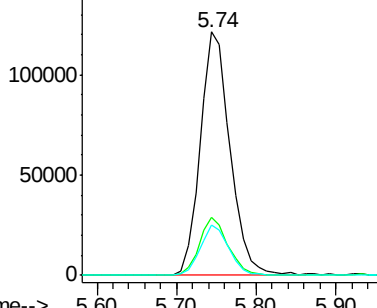
88 20.6 0.0 38.0



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: 37.60 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.02 min

Lab File: VF059489.D

Acq: 10 Jul 2018 17:28

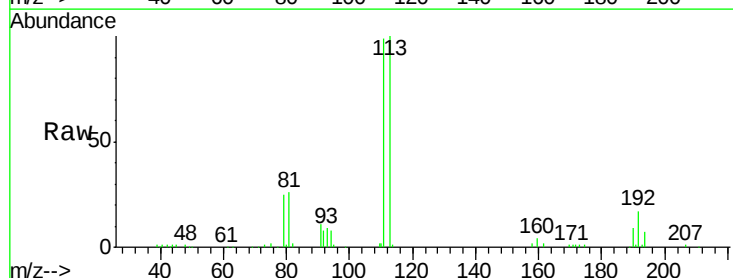
Tgt Ion:113 Resp: 114559

Ion Ratio Lower Upper

113 100

111 99.4 79.3 118.9

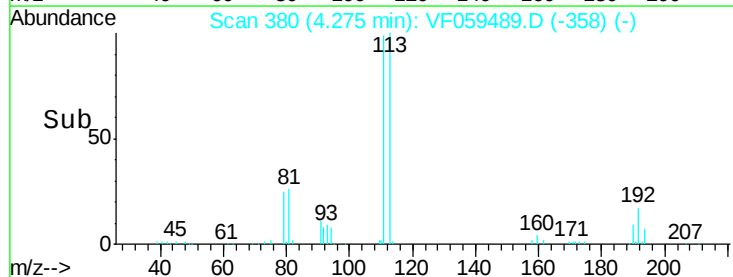
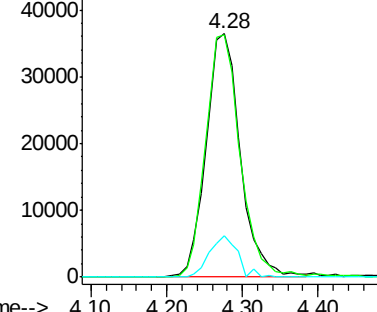
192 17.2 12.0 18.0

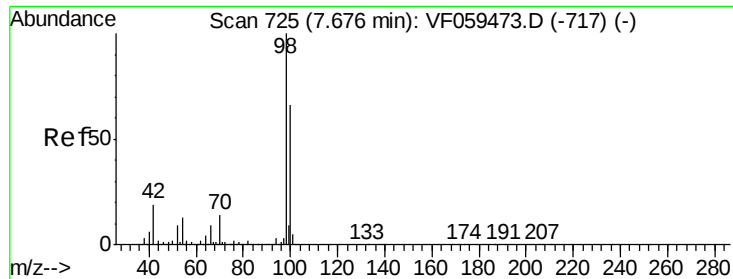


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

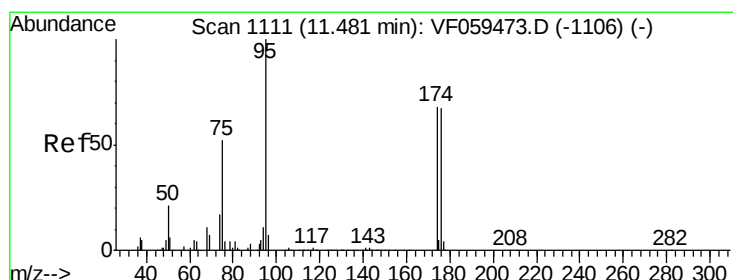
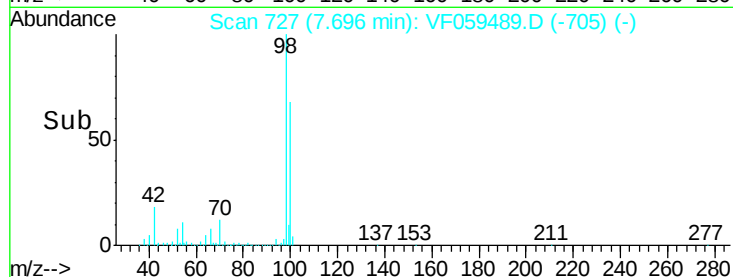
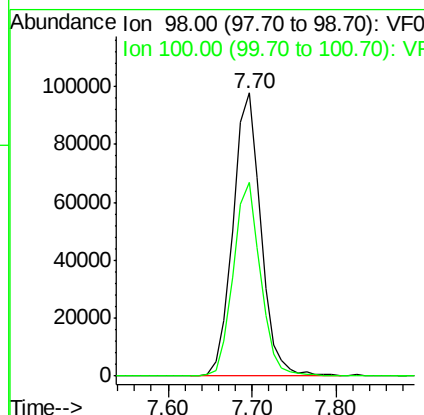
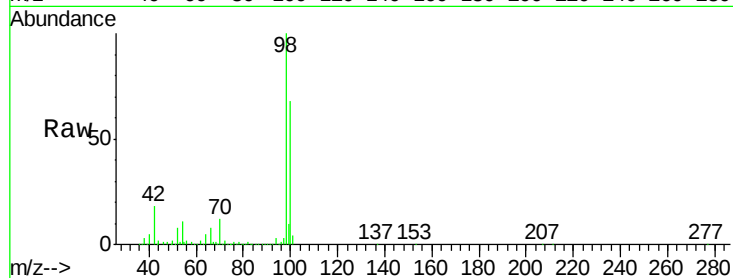




#50
Toluene-d8
Concen: 31.58 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.02 min
Lab File: VF059489.D
Acq: 10 Jul 2018 17:28

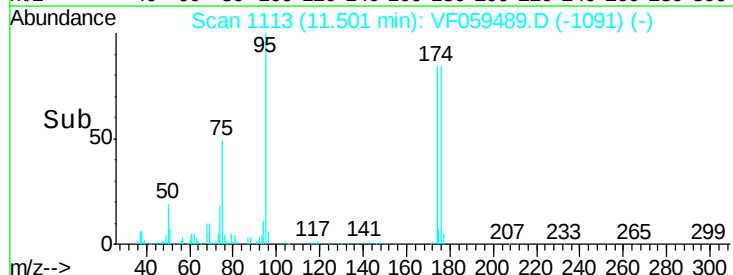
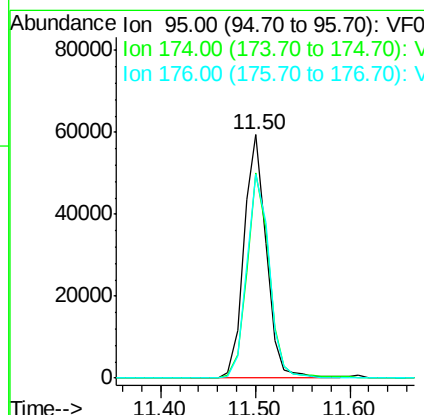
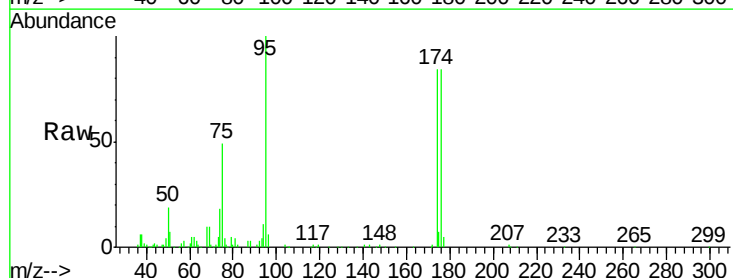
Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-5RE

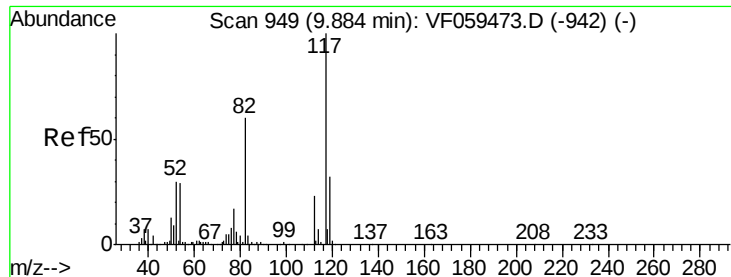
Tot Ion: 98 Resp: 226374
Ion Ratio Lower Upper
98 100
100 68.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 24.38 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF059489.D
Acq: 10 Jul 2018 17:28

Tgt Ion: 95 Resp: 97485
Ion Ratio Lower Upper
95 100
174 84.3 0.0 137.0
176 83.6 0.0 133.8

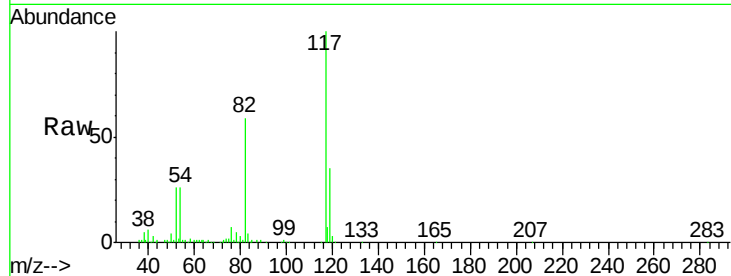




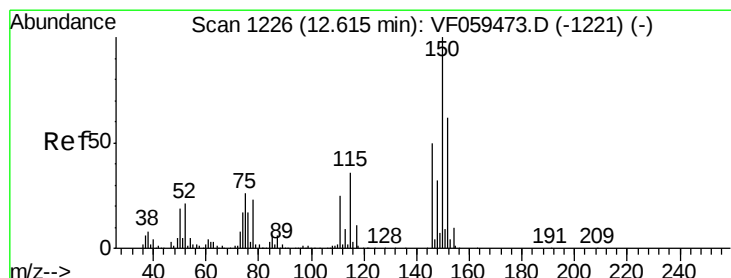
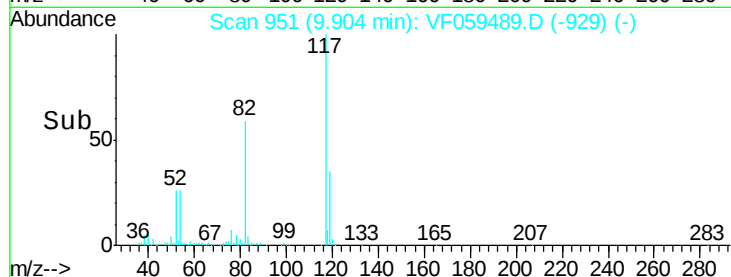
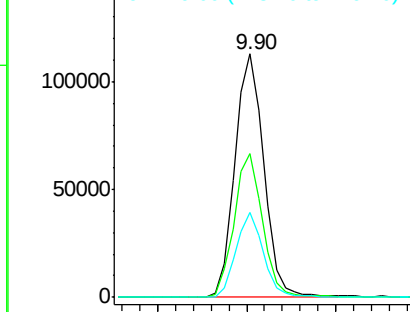
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.02 min
Lab File: VF059489.D
Acq: 10 Jul 2018 17:28

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-5RE

Tot Ion:117 Resp: 256881
Ion Ratio Lower Upper
117 100
82 59.1 48.2 72.4
119 35.1 25.7 38.5

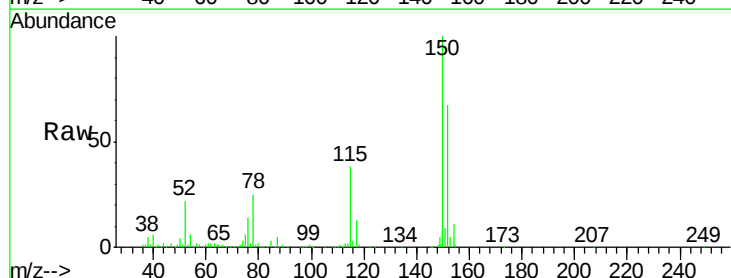


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF059489.D
Acq: 10 Jul 2018 17:28

Tgt Ion:152 Resp: 106660
Ion Ratio Lower Upper
152 100
115 57.7 28.7 86.3
150 150.0 0.0 323.8



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

