

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059499.D
 Acq On : 10 Jul 2018 22:06
 Operator : VA/AP
 Sample : J3880-14RE
 Misc : 4.98g/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SURCHARGE-SP-17RE

Quant Time: Jul 11 01:52:26 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	203536	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.75	114	301441	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.90	117	268820	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	137805	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	113688	32.11	ug/l	0.02
Spiked Amount	50.000		Recovery	=	64.22%	
35) Dibromofluoromethane	4.27	113	97285	33.64	ug/l	0.02
Spiked Amount	50.000		Recovery	=	67.28%	
50) Toluene-d8	7.69	98	181479	26.67	ug/l	0.02
Spiked Amount	50.000		Recovery	=	53.34%	
62) 4-Bromofluorobenzene	11.50	95	95414	25.14	ug/l	0.02
Spiked Amount	50.000		Recovery	=	50.28%	

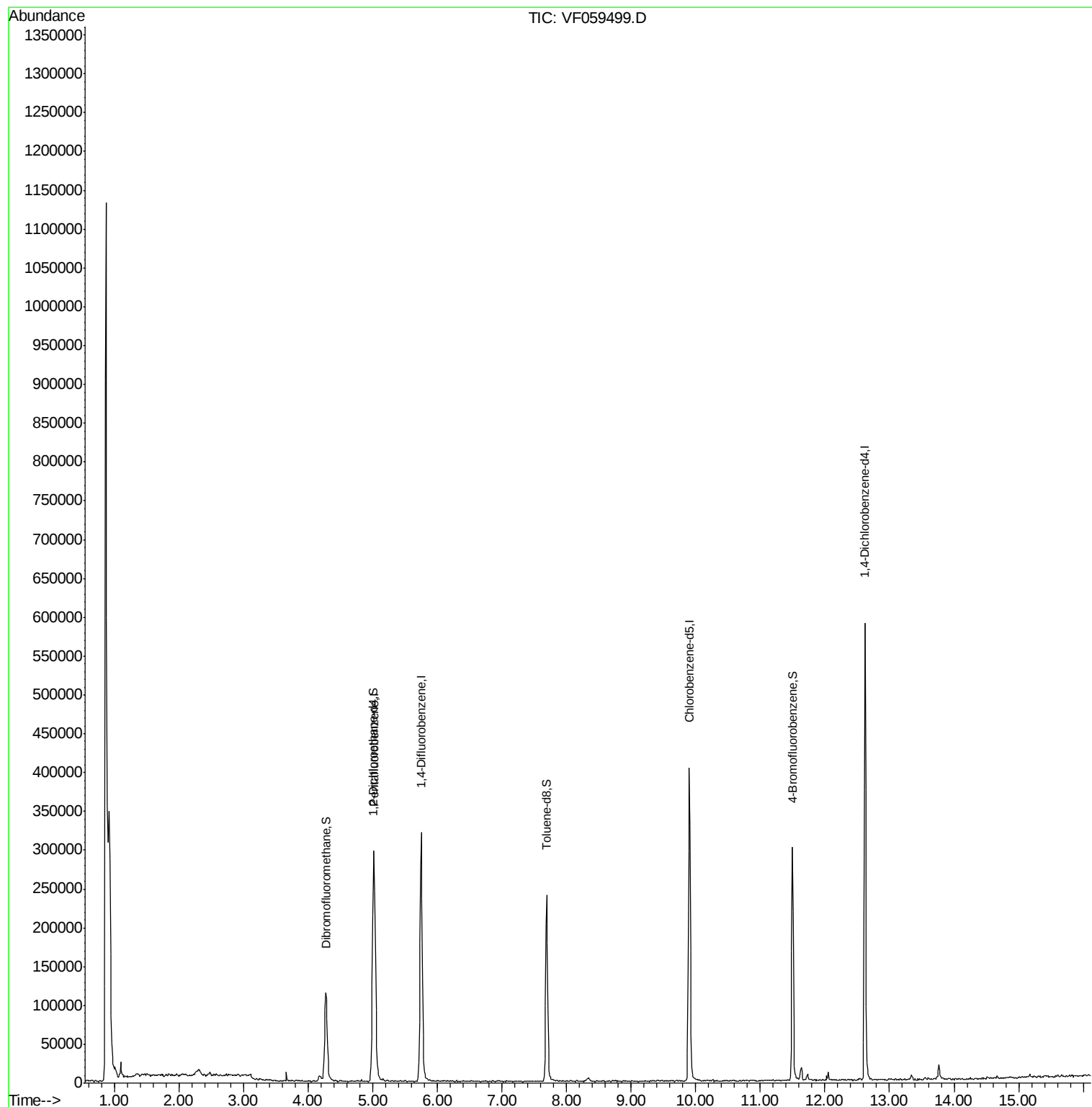
Target Compounds	Qvalue

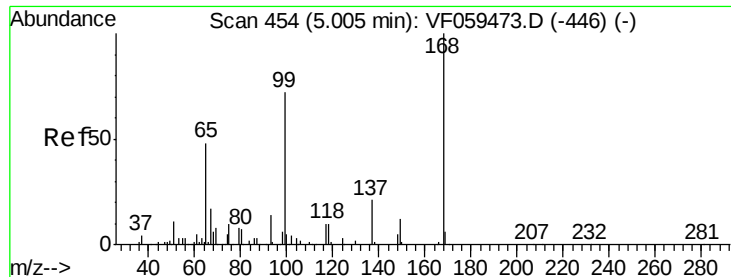
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071018\
Data File : VF059499.D
Acq On : 10 Jul 2018 22:06
Operator : VA/AP
Sample : J3880-14RE
Misc : 4.98g/5mL/MSVOA F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-17RE

Quant Time: Jul 11 01:52:26 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# 455

Delta R.T. 0.02 min

Lab File: VF059499.D

Acq: 10 Jul 2018 22:06

Instrument :

MSVOA_F

ClientSampleId :

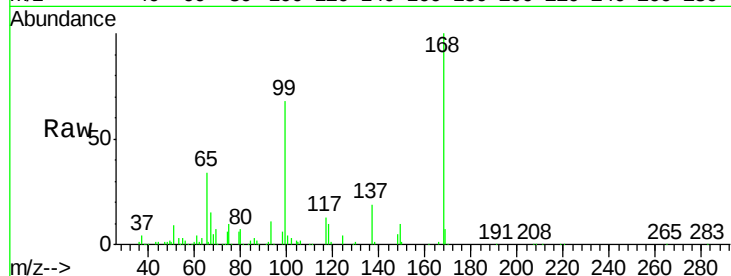
SURCHARGE-SP-17RE

Tot Ion:168 Resp: 203536

Ion Ratio Lower Upper

168 100

99 68.4 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

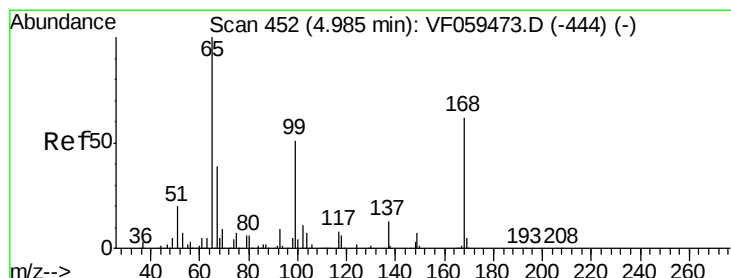
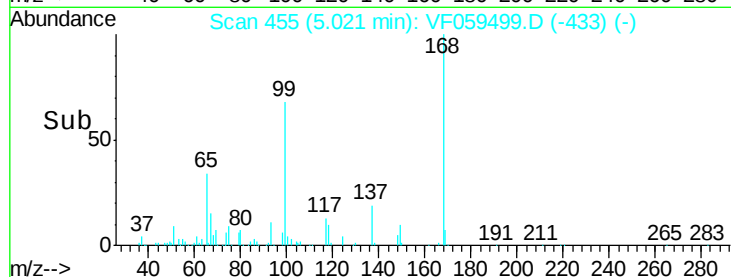
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 32.11 ug/l

RT: 5.00 min Scan# 453

Delta R.T. 0.02 min

Lab File: VF059499.D

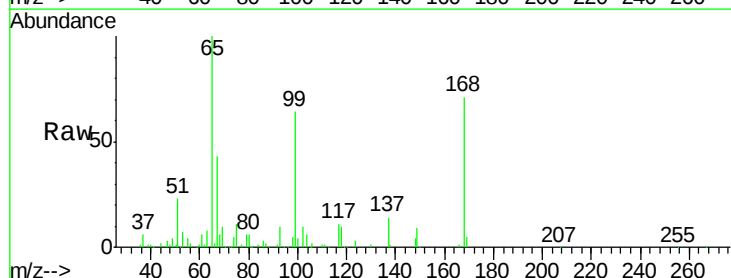
Acq: 10 Jul 2018 22:06

Tgt Ion: 65 Resp: 113688

Ion Ratio Lower Upper

65 100

67 42.7 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

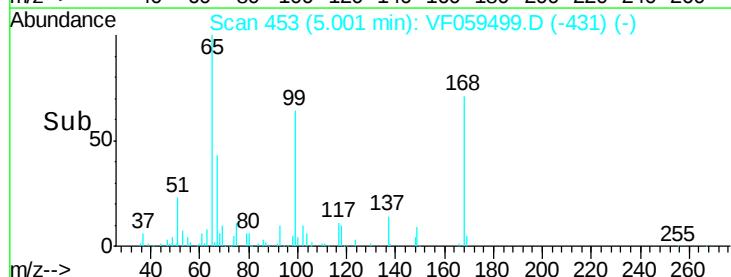
20000

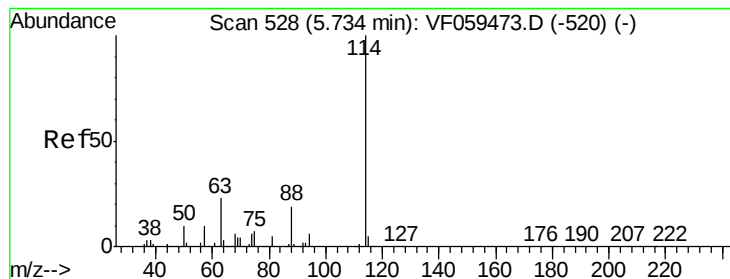
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. 0.02 min

Lab File: VF059499.D

Acq: 10 Jul 2018 22:06

Instrument :

MSVOA_F

ClientSampleId :

SURCHARGE-SP-17RE

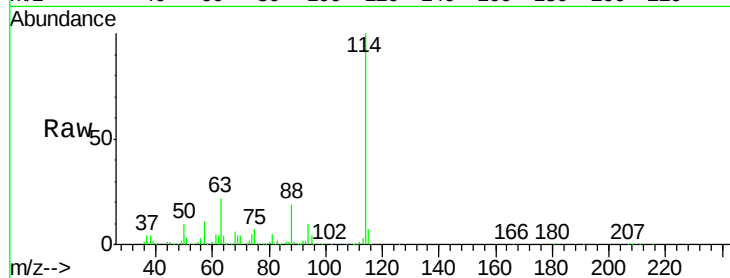
Tot Ion:114 Resp: 301441

Ion Ratio Lower Upper

114 100

63 22.0 0.0 47.2

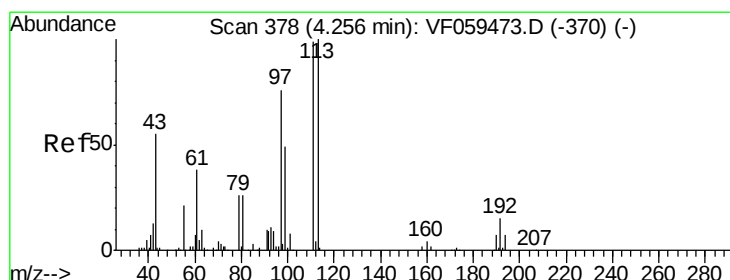
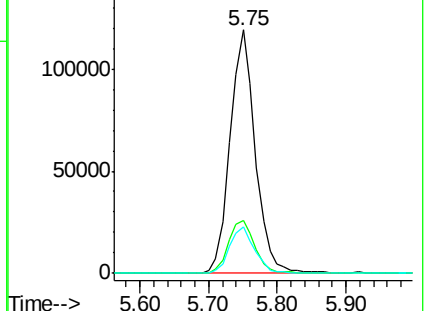
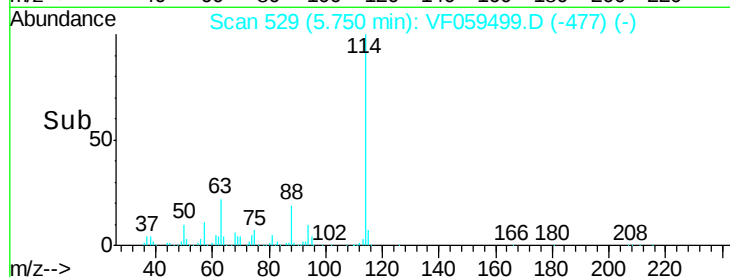
88 19.1 0.0 38.0



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: 33.64 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.02 min

Lab File: VF059499.D

Acq: 10 Jul 2018 22:06

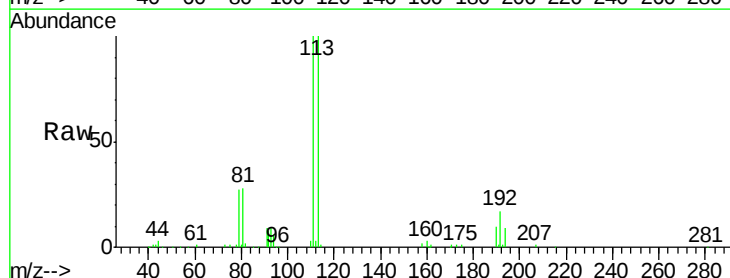
Tgt Ion:113 Resp: 97285

Ion Ratio Lower Upper

113 100

111 100.0 79.3 118.9

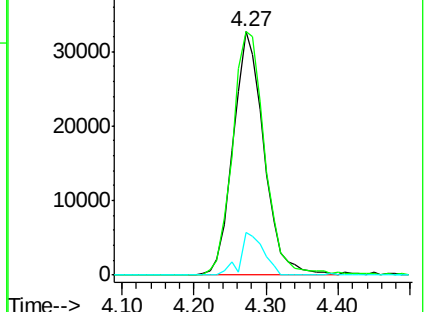
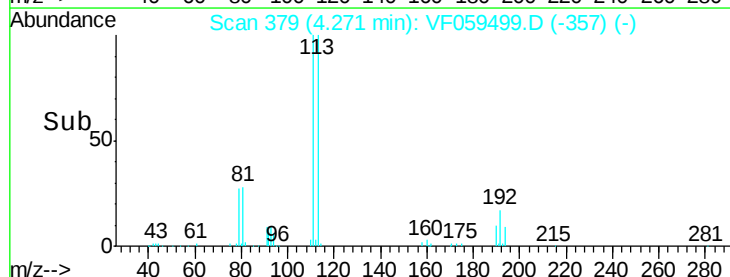
192 17.5 12.0 18.0

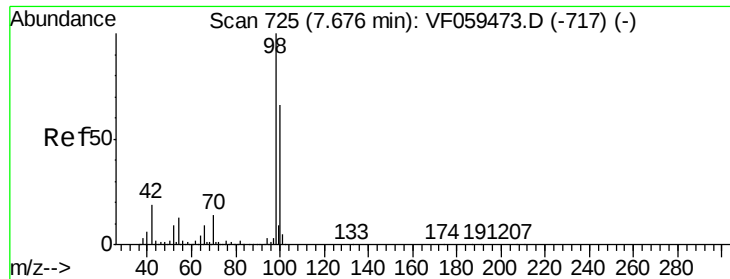


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

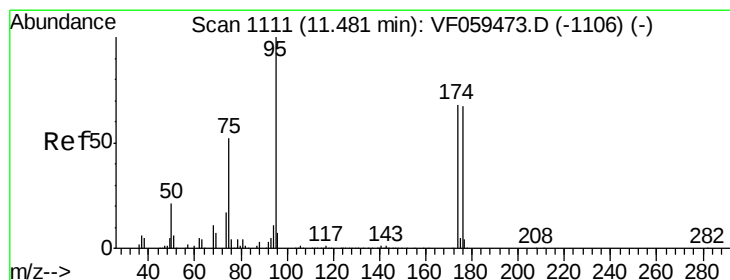
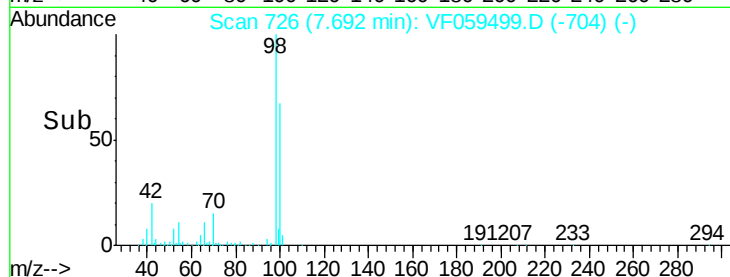
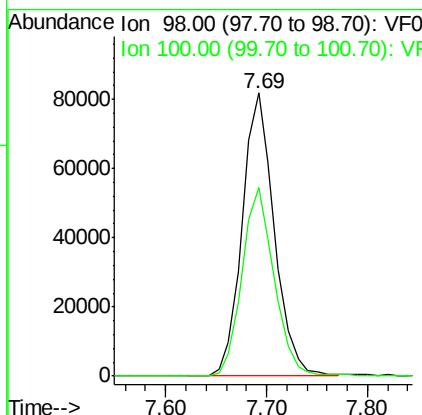
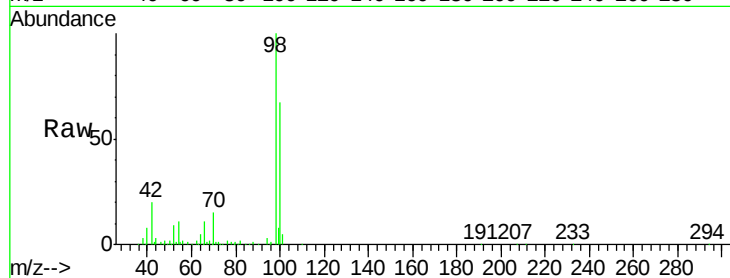




#50
Toluene-d8
Concen: 26.67 ug/l
RT: 7.69 min Scan# 726
Delta R.T. 0.02 min
Lab File: VF059499.D
Acq: 10 Jul 2018 22:06

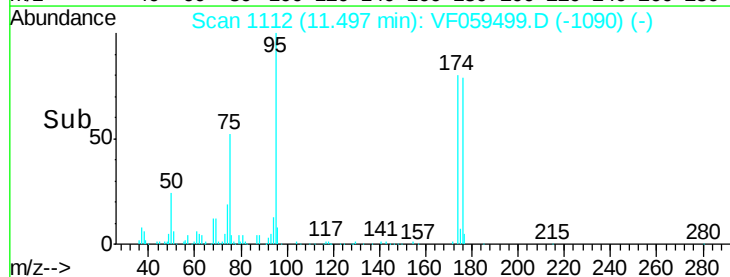
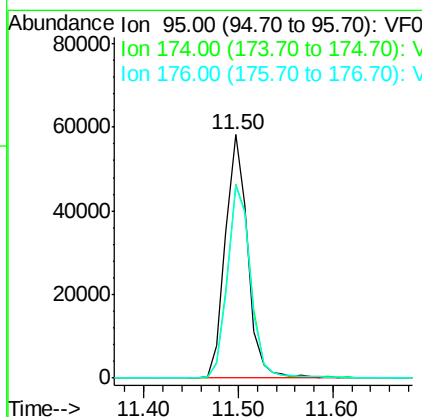
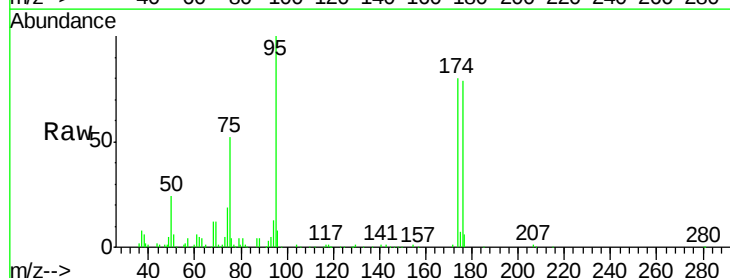
Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-17RE

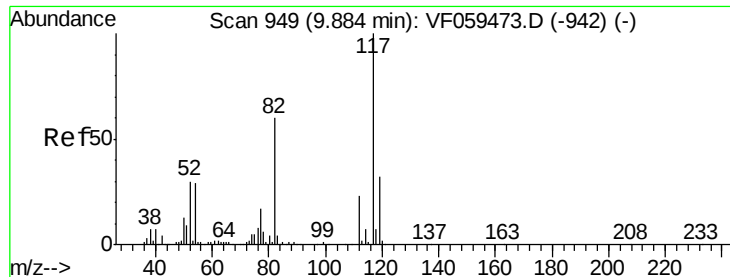
Tot Ion: 98 Resp: 181479
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 25.14 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VF059499.D
Acq: 10 Jul 2018 22:06

Tgt Ion: 95 Resp: 95414
Ion Ratio Lower Upper
95 100
174 79.7 0.0 137.0
176 78.9 0.0 133.8

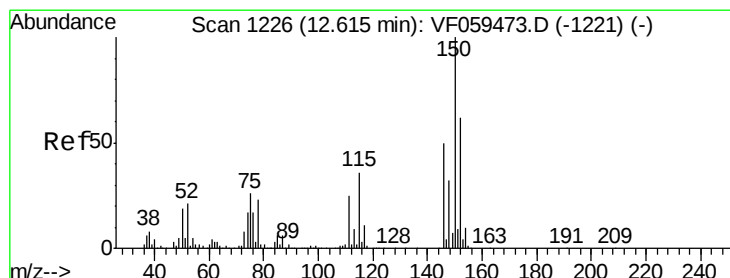
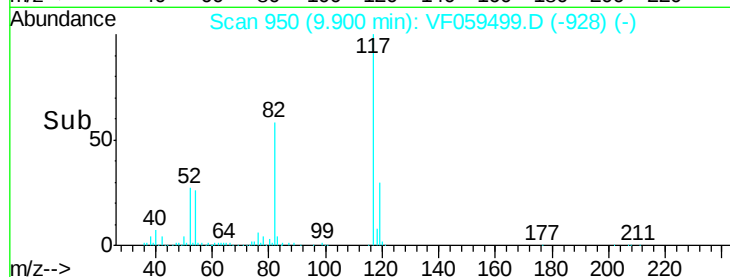
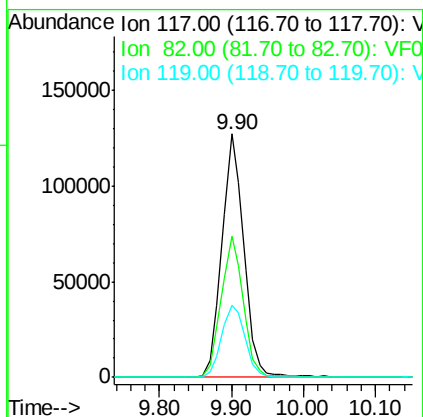
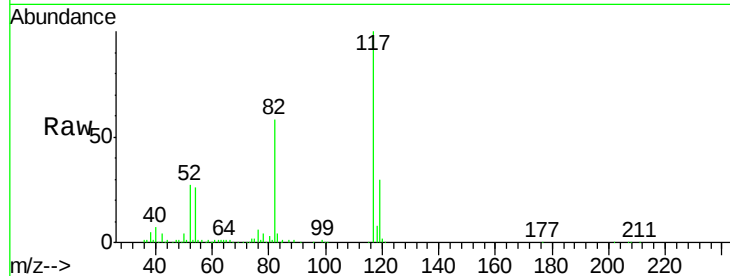




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. 0.02 min
Lab File: VF059499.D
Acq: 10 Jul 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-17RE

Tot Ion:117 Resp: 268820
Ion Ratio Lower Upper
117 100
82 58.2 48.2 72.4
119 29.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF059499.D
Acq: 10 Jul 2018 22:06

Tgt Ion:152 Resp: 137805
Ion Ratio Lower Upper
152 100
115 62.6 28.7 86.3
150 157.3 0.0 323.8

