

Data File : VF059493.D
Acq On : 10 Jul 2018 19:20
Operator : VA/AP
Sample : J3879-20RE
Misc : 4.66g/5mL/MSVOA_F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-10RE

Quant Time: Jul 19 03:46:10 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	5.03	168	188651	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.75	114	304099	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.90	117	257933	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	110338	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	126852	38.66	ug/l	0.02
Spiked Amount	50.000		Recovery	=	77.32%	
35) Dibromofluoromethane	4.28	113	109937	37.68	ug/l	0.02
Spiked Amount	50.000		Recovery	=	75.36%	
50) Toluene-d8	7.70	98	198623	28.94	ug/l	0.02
Spiked Amount	50.000		Recovery	=	57.88%	
62) 4-Bromofluorobenzene	11.50	95	96439	25.19	ug/l	0.02
Spiked Amount	50.000		Recovery	=	50.38%	

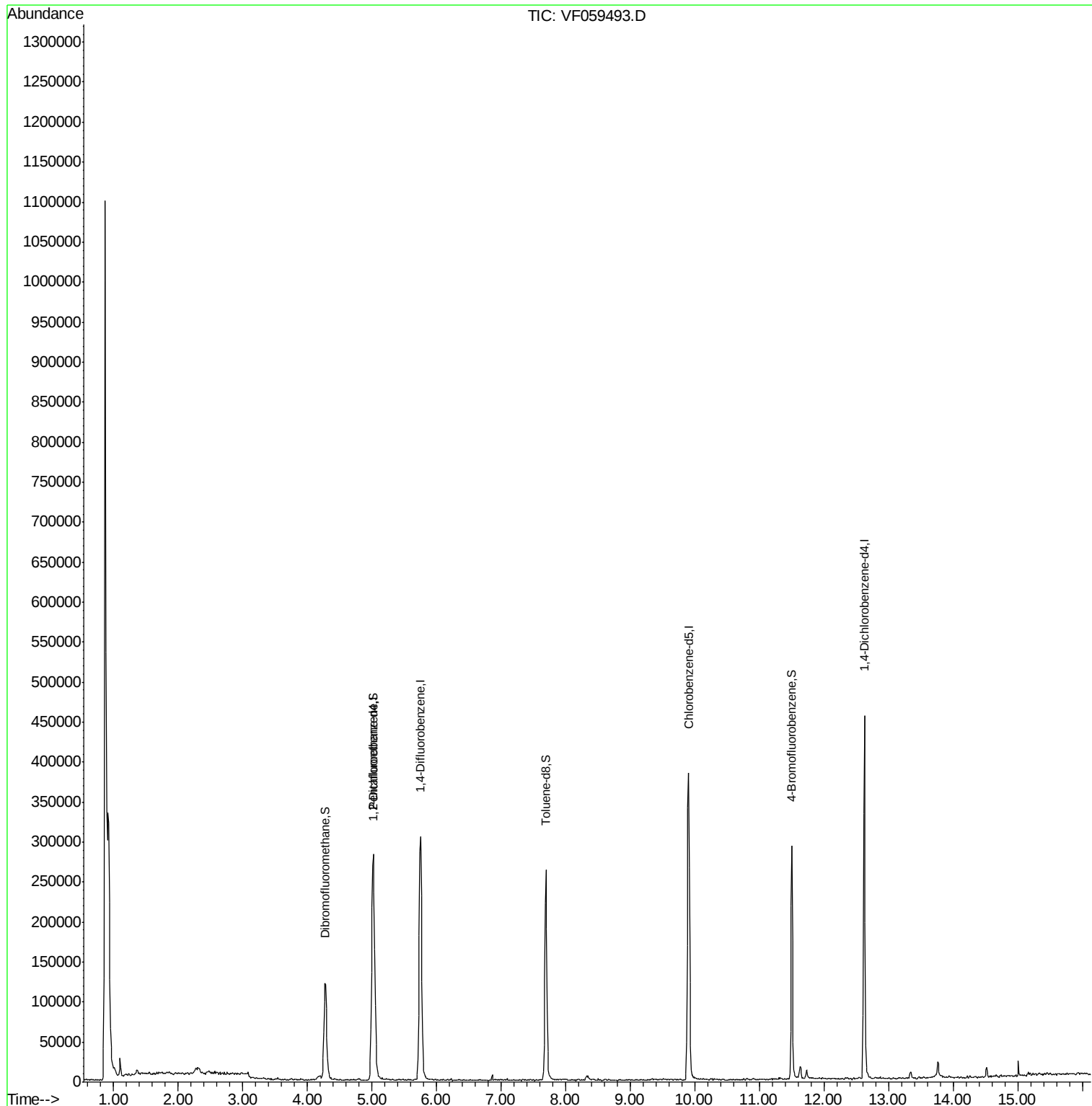
Target Compounds	Qvalue
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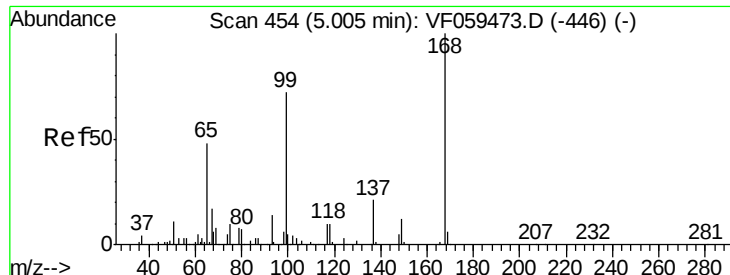
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.02 min

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MSVOA_F

ClientSampleId :

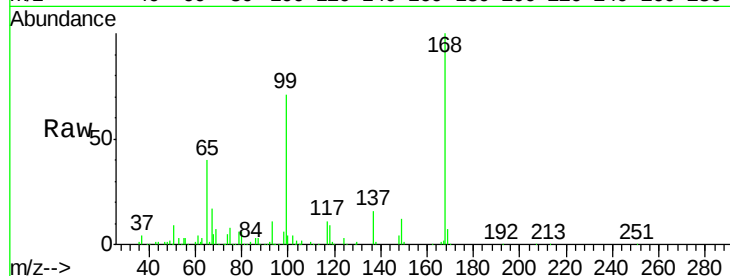
SURCHARGE-SP-10RE

Tgt Ion: 168 Resp: 188651

Ion Ratio Lower Upper

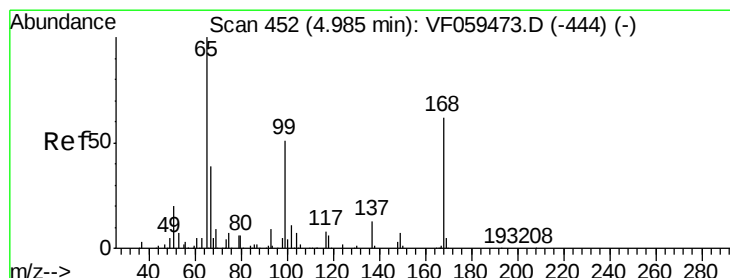
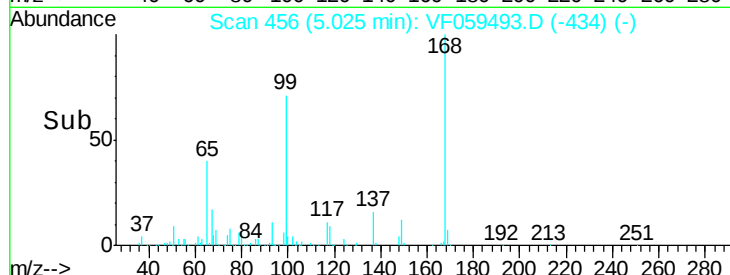
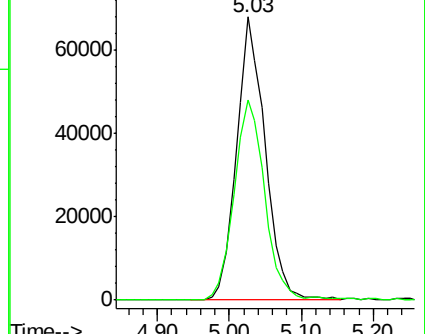
168 100

99 70.8 57.7 86.5



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 38.660 ug/l

RT: 5.01 min Scan# 454

Delta R.T. 0.02 min

Lab File: VF059493.D

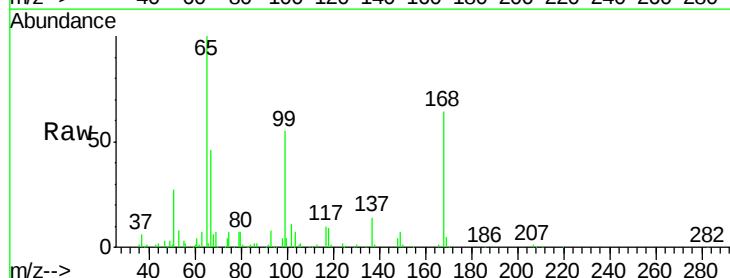
Acq: 10 Jul 2018 19:20

Tgt Ion: 65 Resp: 126852

Ion Ratio Lower Upper

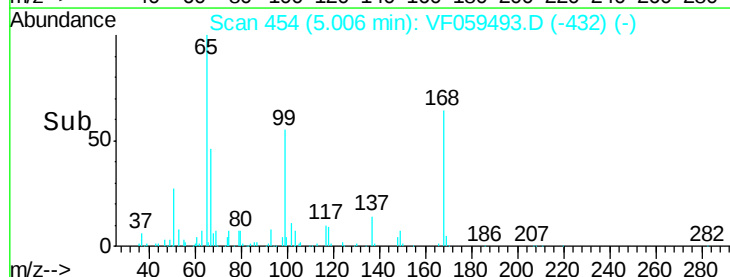
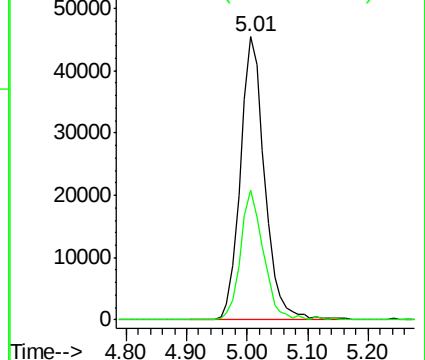
65 100

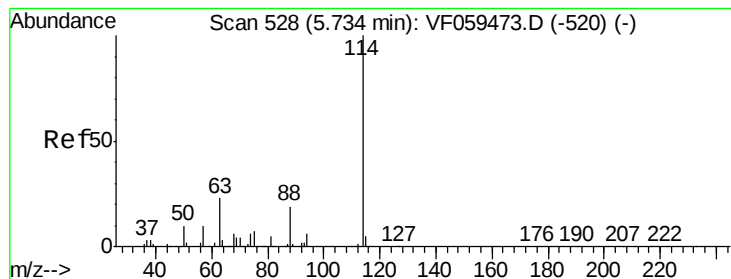
67 45.7 0.0 88.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 530

Delta R.T. 0.02 min

Lab File: VF059493.D

Acq: 10 Jul 2018 19:20

Instrument :

MSVOA_F

ClientSampleId :

SURCHARGE-SP-10RE

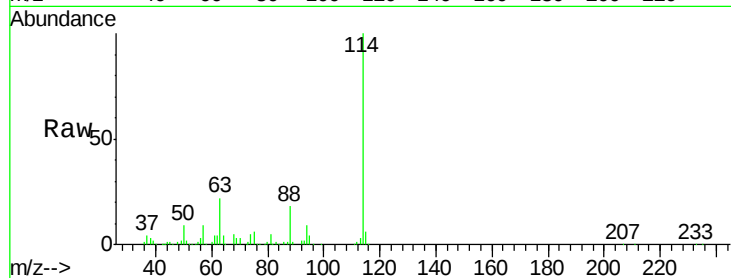
Tgt Ion:114 Resp: 304099

Ion Ratio Lower Upper

114 100

63 21.7 0.0 47.2

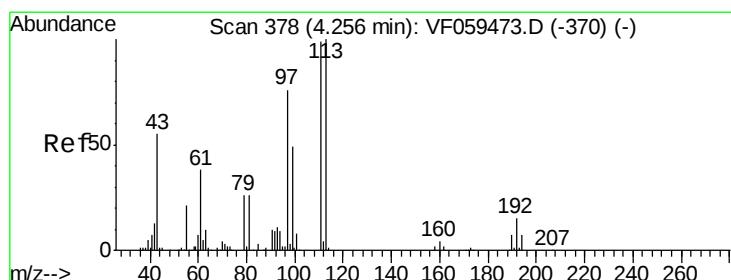
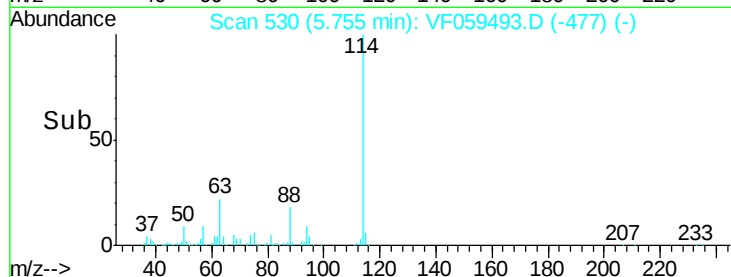
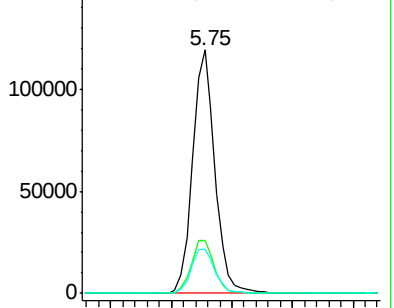
88 18.3 0.0 38.0



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: 37.678 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.02 min

Lab File: VF059493.D

Acq: 10 Jul 2018 19:20

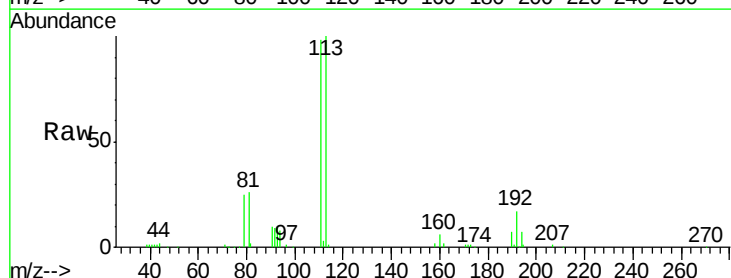
Tgt Ion:113 Resp: 109937

Ion Ratio Lower Upper

113 100

111 97.8 79.3 118.9

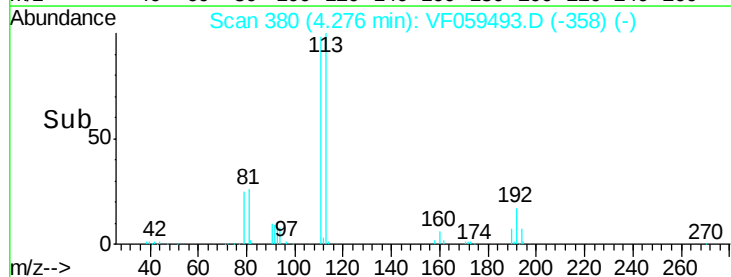
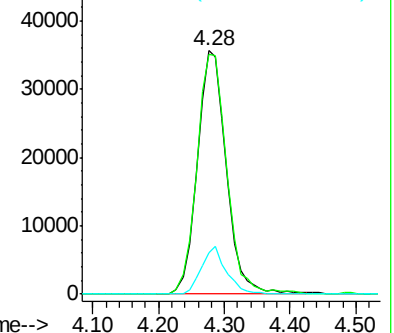
192 16.9 12.0 18.0

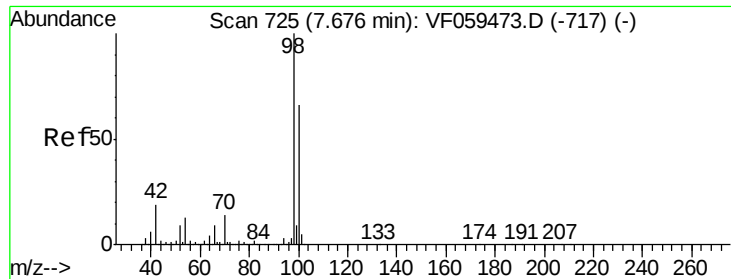


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

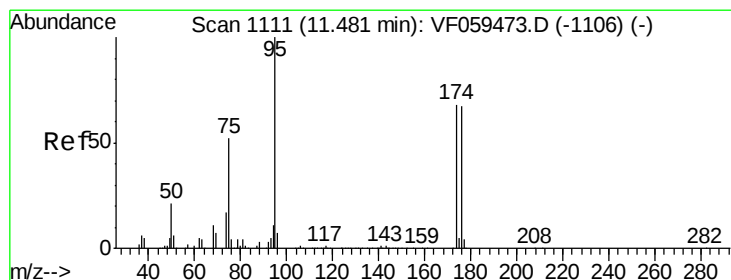
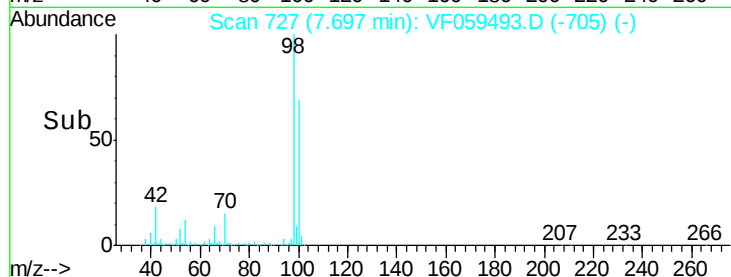
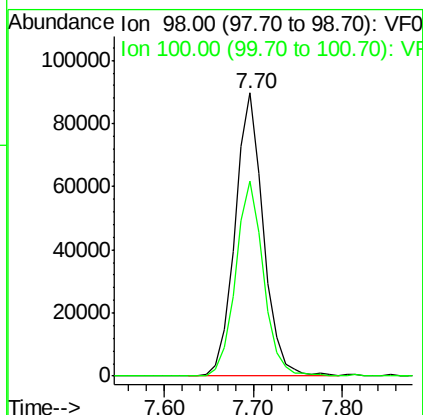
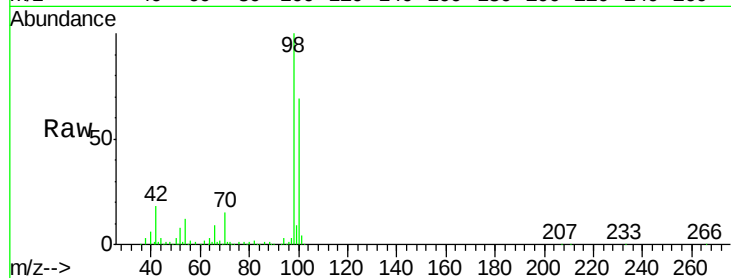




#50
Toluene-d8
Concen: 28.937 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.02 min
Lab File: VF059493.D
Acq: 10 Jul 2018 19:20

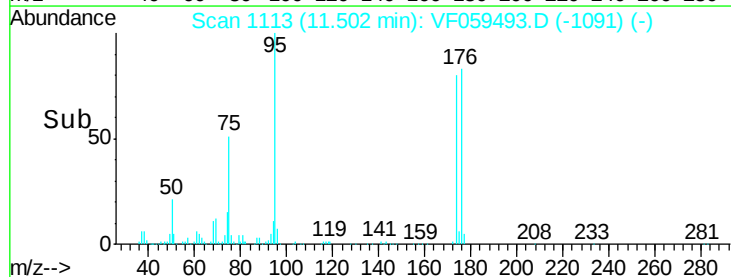
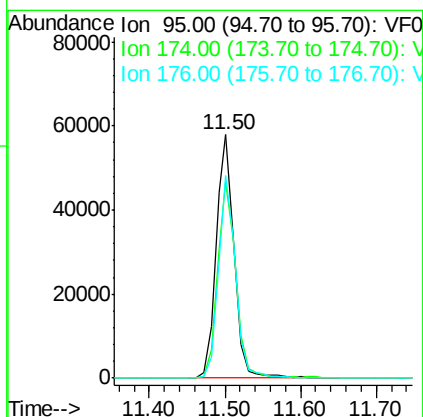
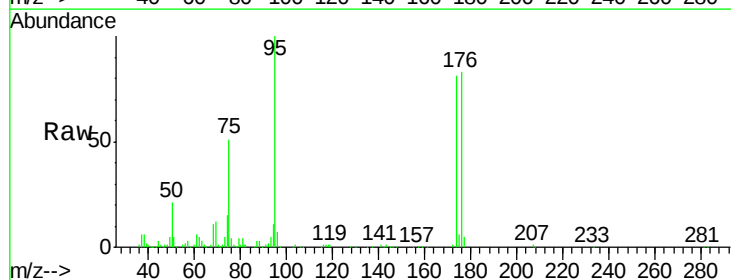
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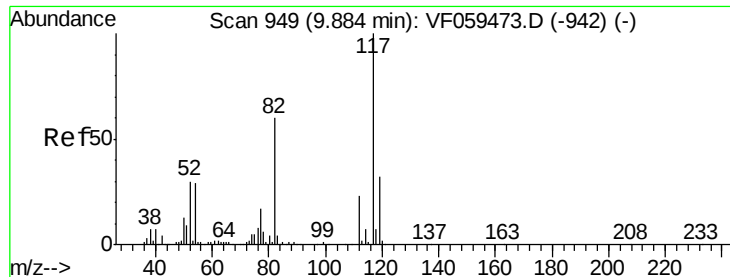
Tgt Ion: 98 Resp: 198623
Ion Ratio Lower Upper
98 100
100 69.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 25.186 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF059493.D
Acq: 10 Jul 2018 19:20

Tgt Ion: 95 Resp: 96439
Ion Ratio Lower Upper
95 100
174 80.7 0.0 137.0
176 83.3 0.0 133.8

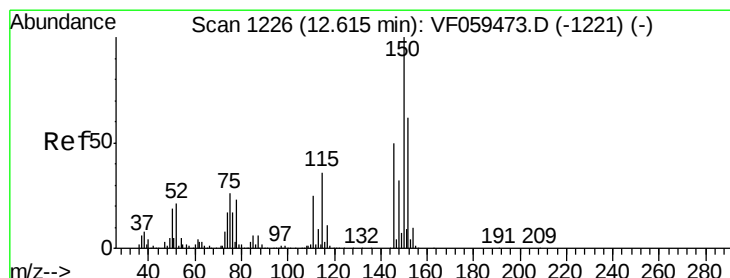
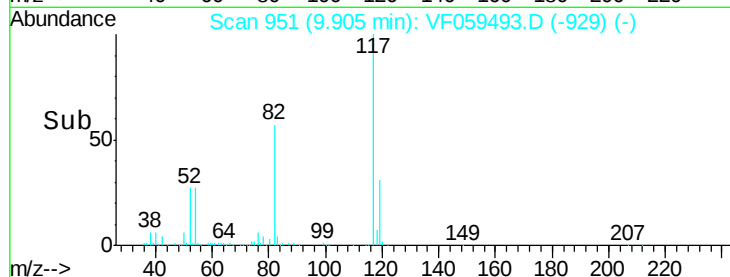
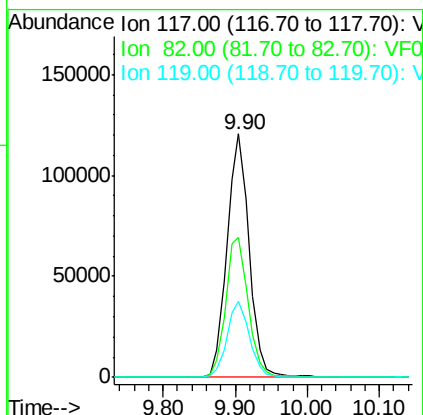
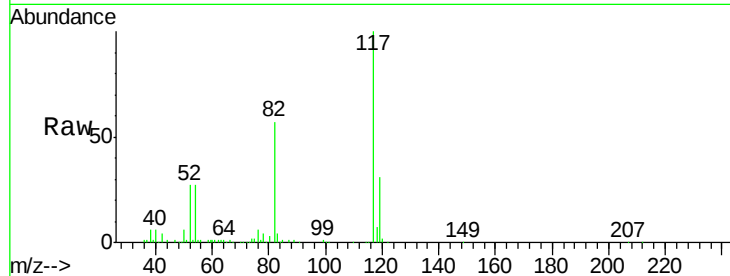




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.02 min
Lab File: VF059493.D
Acq: 10 Jul 2018 19:20

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-10RE

Tgt Ion:117 Resp: 257933
Ion Ratio Lower Upper
117 100
82 57.4 48.2 72.4
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF059493.D
Acq: 10 Jul 2018 19:20

Tgt Ion:152 Resp: 110338
Ion Ratio Lower Upper
152 100
115 56.9 28.7 86.3
150 148.5 0.0 323.8

