

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059492.D
 Acq On : 10 Jul 2018 18:52
 Operator : VA/AP
 Sample : J3879-18RE
 Misc : 5.20g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SURCHARGE-SP-9RE

Quant Time: Jul 11 01:37:20 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	206047	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.75	114	292937	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.90	117	258841	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	109200	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	125535	35.03	ug/l	0.02
Spiked Amount	50.000		Recovery	=	70.06%	
35) Dibromofluoromethane	4.28	113	109122	38.82	ug/l	0.02
Spiked Amount	50.000		Recovery	=	77.64%	
50) Toluene-d8	7.70	98	211783	32.03	ug/l	0.02
Spiked Amount	50.000		Recovery	=	64.06%	
62) 4-Bromofluorobenzene	11.50	95	93433	25.33	ug/l	0.02
Spiked Amount	50.000		Recovery	=	50.66%	

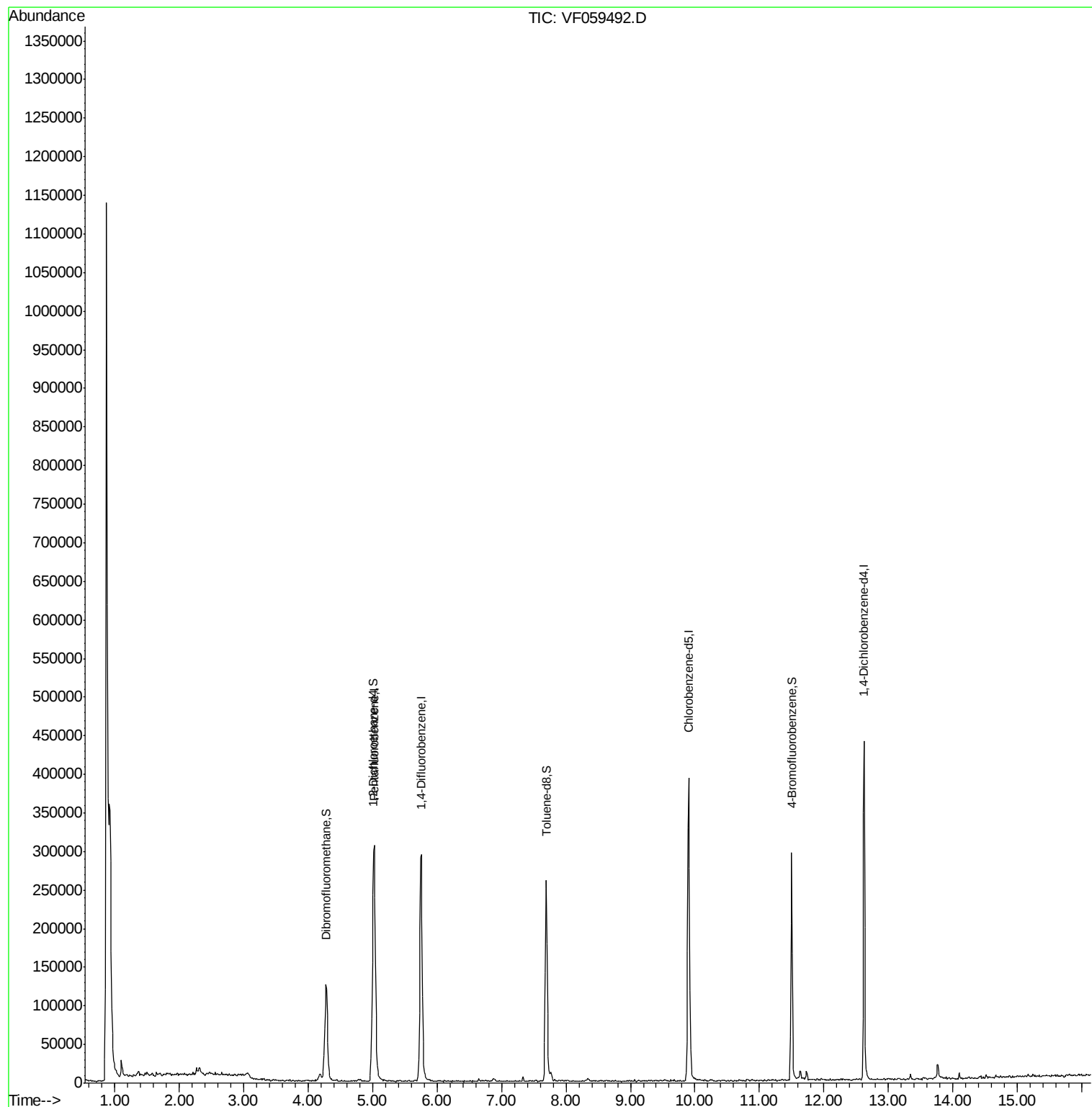
Target Compounds	Qvalue

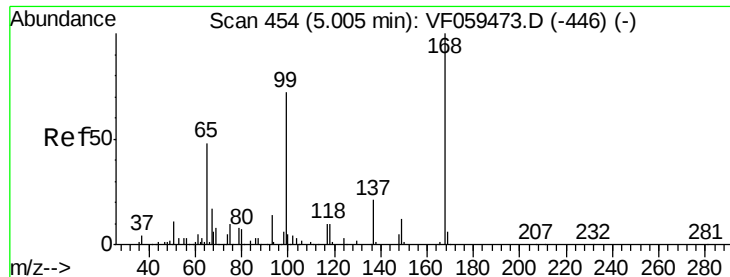
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.02 min

Lab File: VF059492.D

Acq: 10 Jul 2018 18:52

Instrument :

MSVOA_F

ClientSampleId :

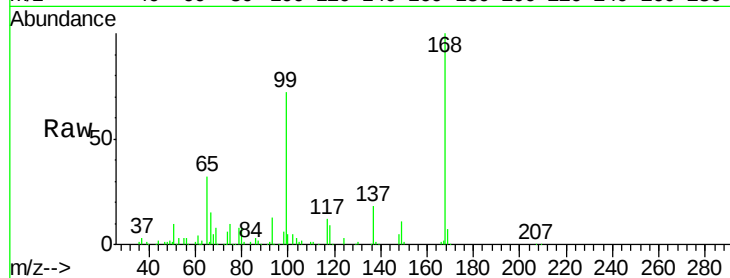
SURCHARGE-SP-9RE

Tot Ion:168 Resp: 206047

Ion Ratio Lower Upper

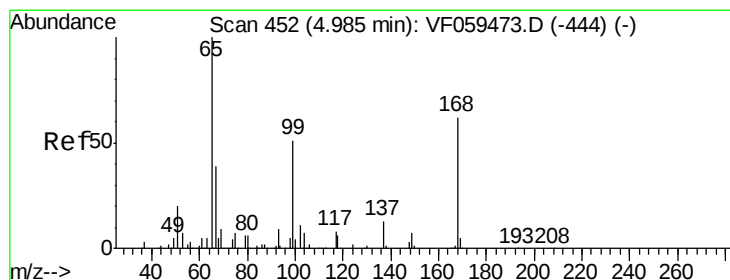
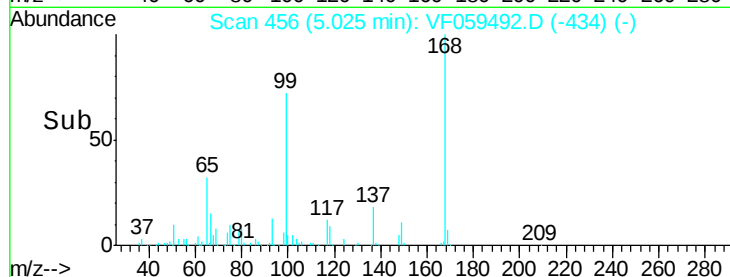
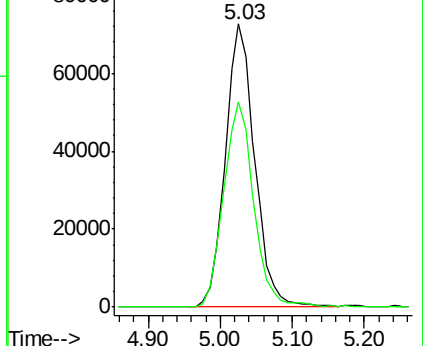
168 100

99 72.5 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: 35.03 ug/l

RT: 5.01 min Scan# 454

Delta R.T. 0.02 min

Lab File: VF059492.D

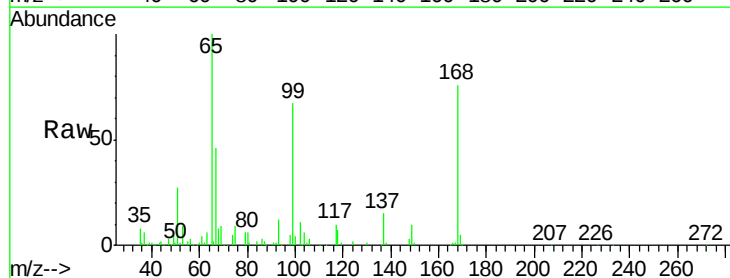
Acq: 10 Jul 2018 18:52

Tgt Ion: 65 Resp: 125535

Ion Ratio Lower Upper

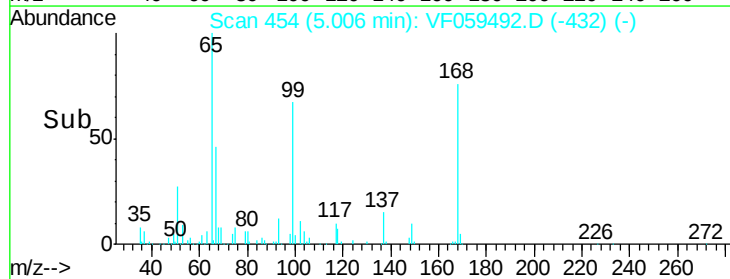
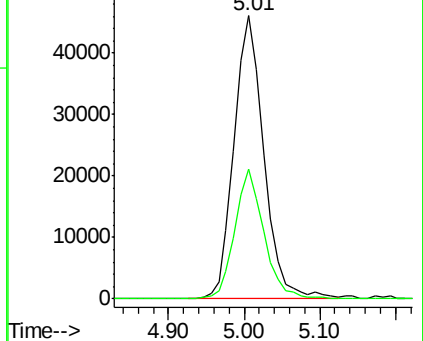
65 100

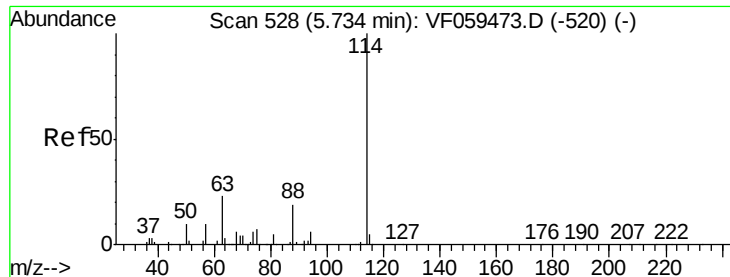
67 46.0 0.0 88.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

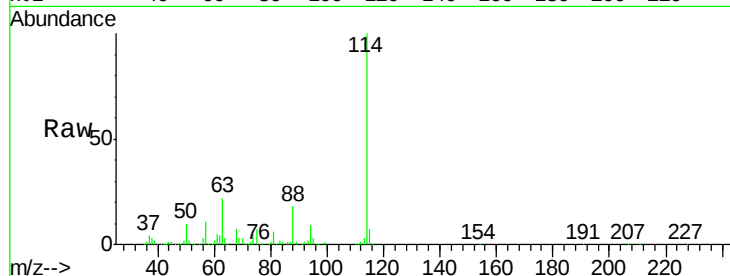




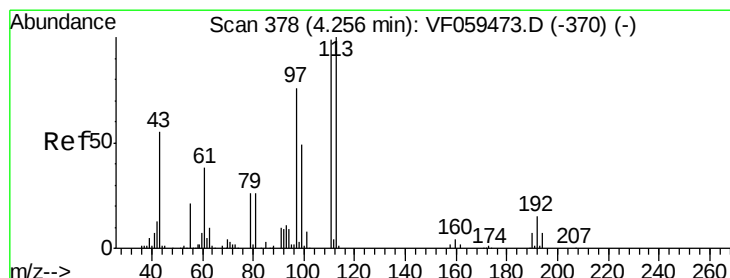
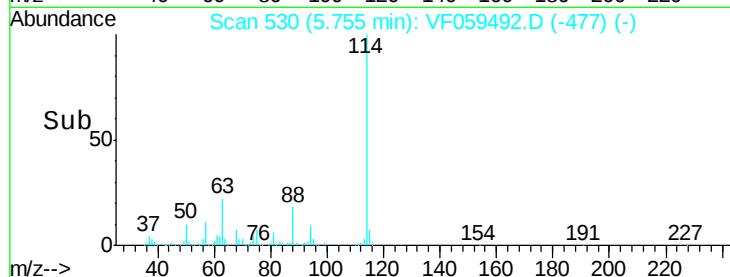
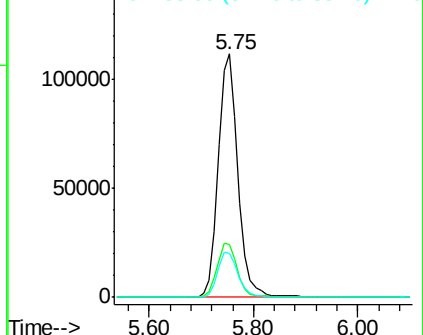
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.75 min Scan# 530
Delta R.T. 0.02 min
Lab File: VF059492.D
Acq: 10 Jul 2018 18:52

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-9RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	47.2
88	18.3	0.0	38.0

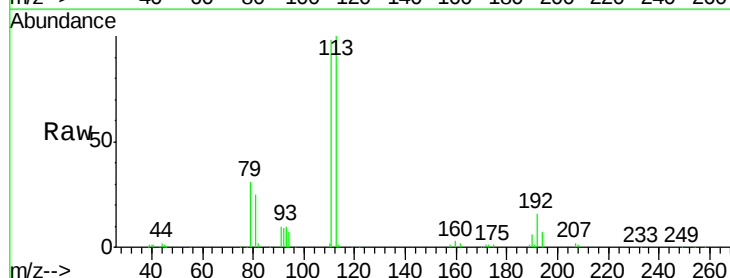


Abundance Ion 114.00 (113.70 to 114.70): V

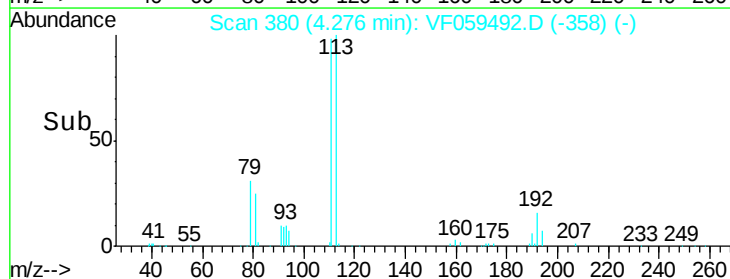
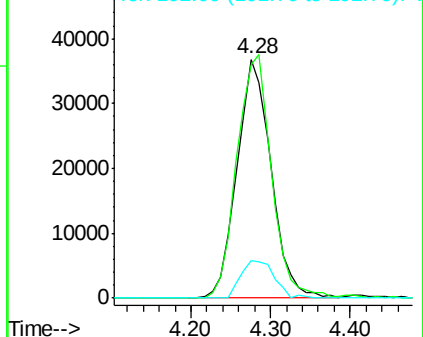


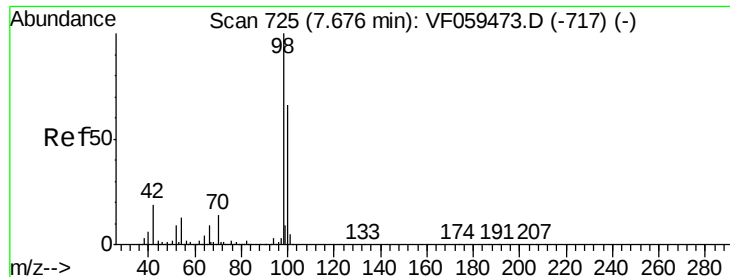
#35
Dibromofluoromethane
Concen: 38.82 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.02 min
Lab File: VF059492.D
Acq: 10 Jul 2018 18:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	97.5	79.3	118.9
192	15.9	12.0	18.0



Abundance Ion 113.00 (112.70 to 113.70): V





#50

Toluene-d8

Concen: 32.03 ug/l

RT: 7.70 min Scan# 727

Delta R.T. 0.02 min

Lab File: VF059492.D

Acq: 10 Jul 2018 18:52

Instrument :

MSVOA_F

ClientSampleId :

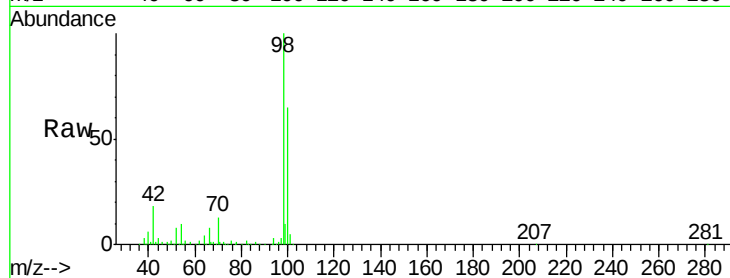
SURCHARGE-SP-9RE

Tot Ion: 98 Resp: 211783

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.70

100000

80000

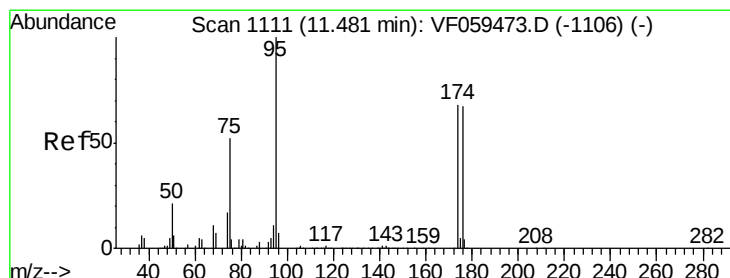
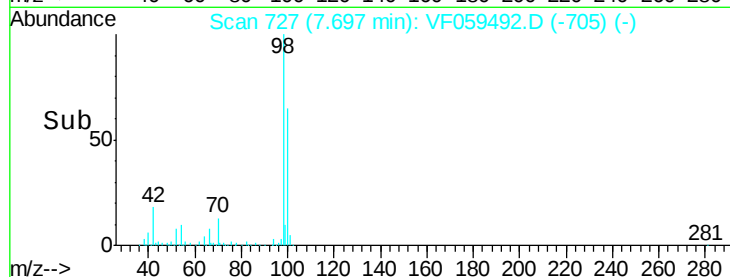
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 25.33 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF059492.D

Acq: 10 Jul 2018 18:52

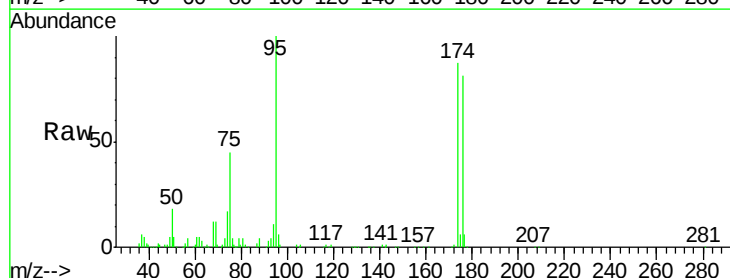
Tgt Ion: 95 Resp: 93433

Ion Ratio Lower Upper

95 100

174 87.1 0.0 137.0

176 81.3 0.0 133.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.50

80000

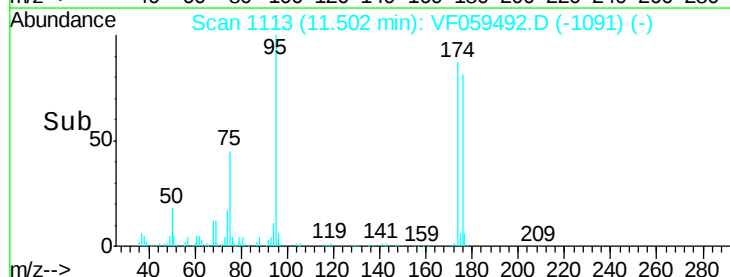
60000

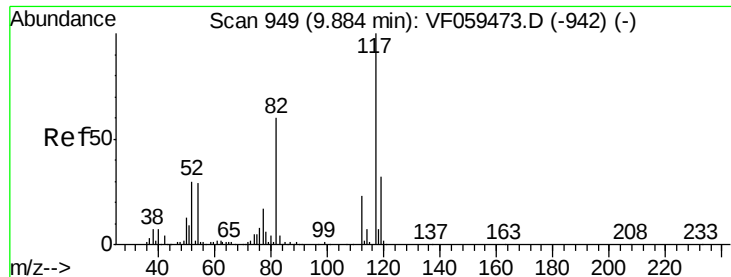
40000

20000

0

Time-->

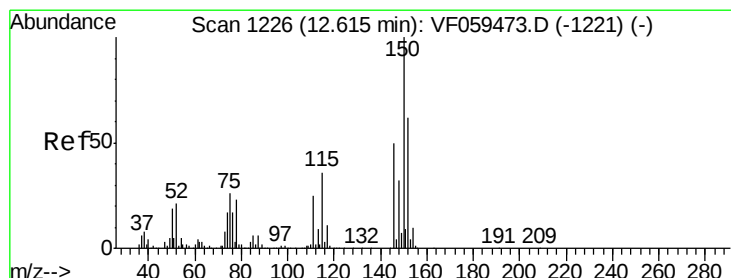
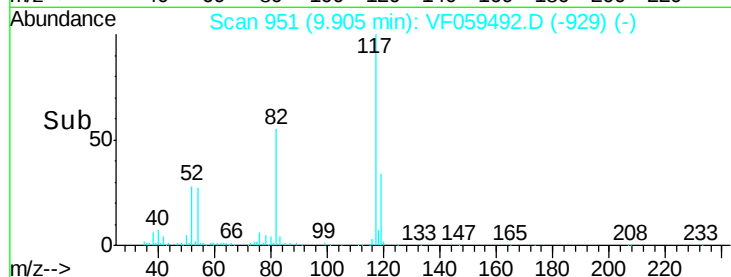
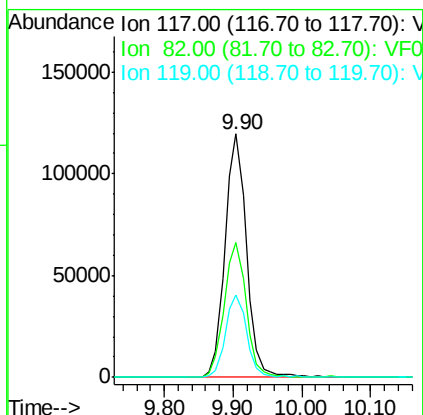
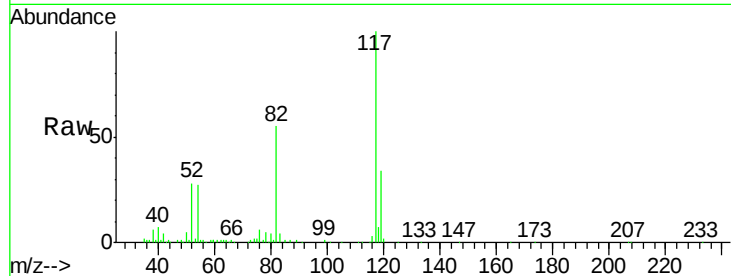




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.02 min
Lab File: VF059492.D
Acq: 10 Jul 2018 18:52

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-9RE

Tot Ion:117 Resp: 258841
Ion Ratio Lower Upper
117 100
82 55.3 48.2 72.4
119 33.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF059492.D
Acq: 10 Jul 2018 18:52

Tgt Ion:152 Resp: 109200
Ion Ratio Lower Upper
152 100
115 57.5 28.7 86.3
150 151.6 0.0 323.8

