

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059496.D
 Acq On : 10 Jul 2018 20:43
 Operator : VA/AP
 Sample : J3880-06RE
 Misc : 5.39g/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SURCHARGE-SP-13RE

Quant Time: Jul 11 01:47:46 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	198892	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.75	114	280817	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.90	117	241962	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	101925	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	132517	38.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	76.62%	
35) Dibromofluoromethane	4.28	113	113533	42.14	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.28%	
50) Toluene-d8	7.70	98	207889	32.80	ug/l	0.02
Spiked Amount 50.000			Recovery	=	65.60%	
62) 4-Bromofluorobenzene	11.49	95	94844	26.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	53.64%	

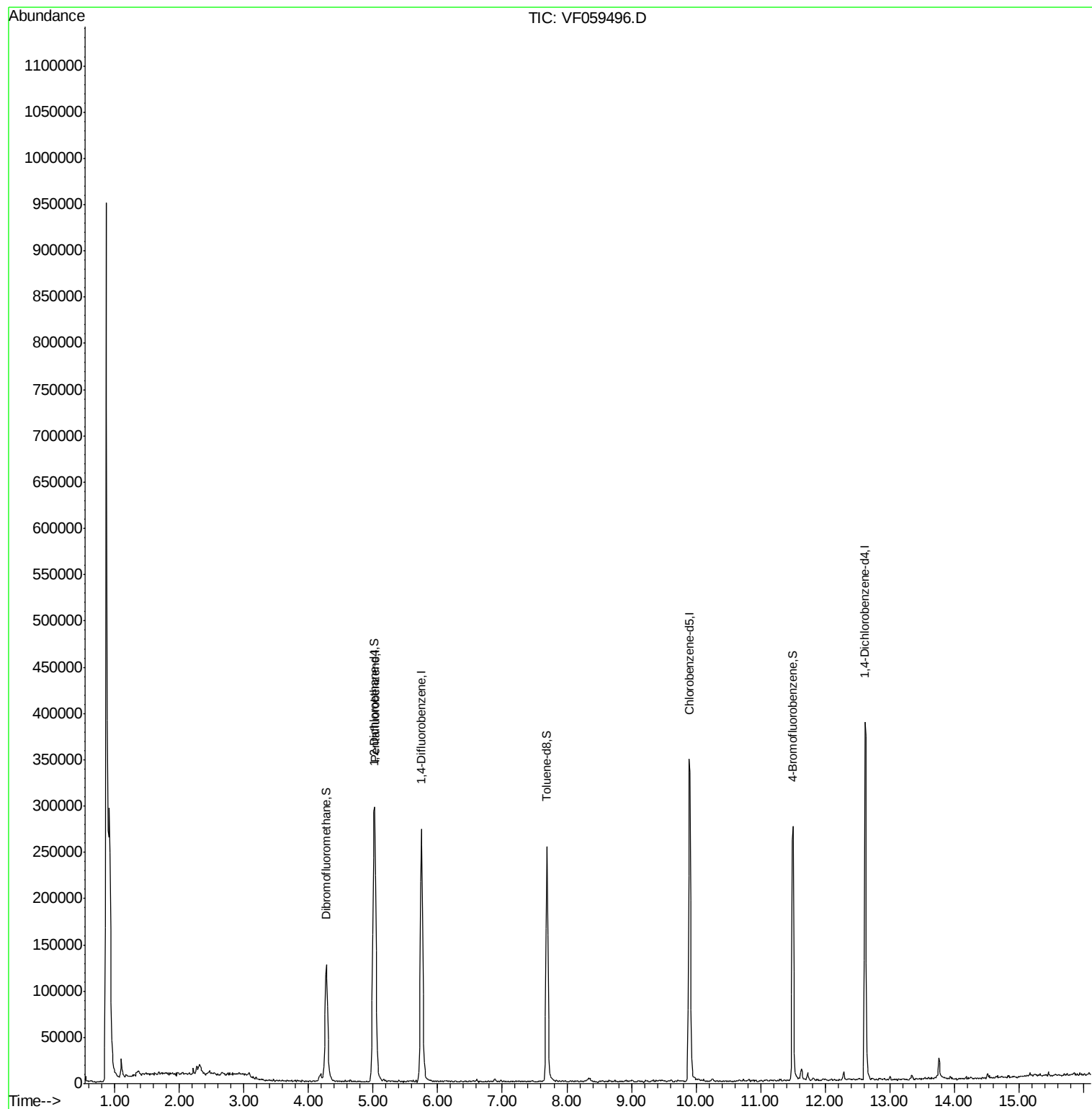
Target Compounds	Qvalue

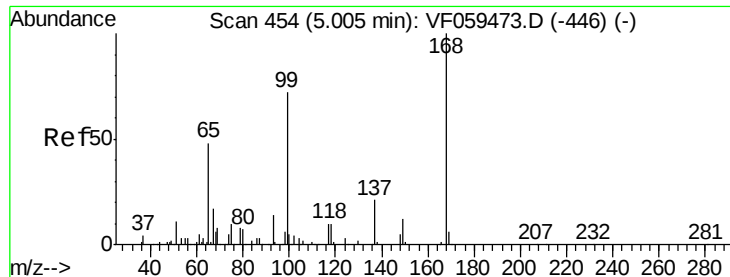
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.02 min

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Instrument :

MSVOA_F

ClientSampleId :

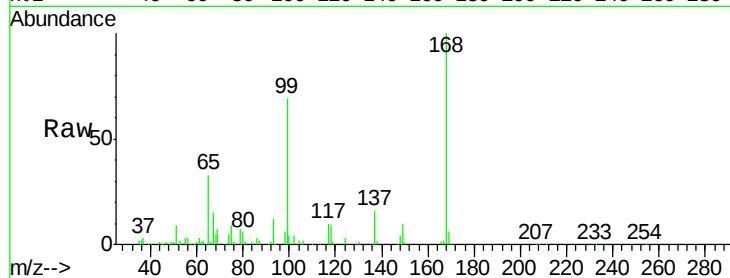
SURCHARGE-SP-13RE

Tot Ion:168 Resp: 198892

Ion Ratio Lower Upper

168 100

99 68.7 57.7 86.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

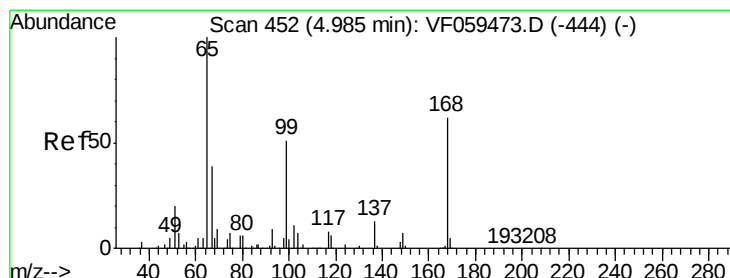
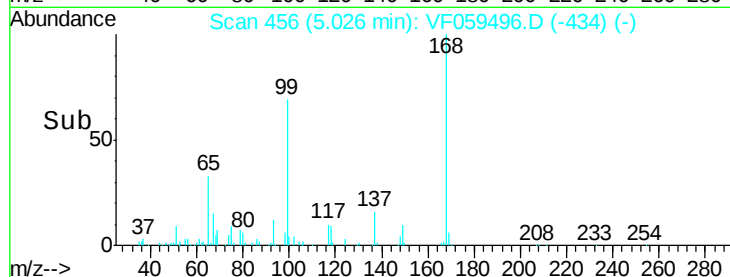
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 38.31 ug/l

RT: 5.01 min Scan# 454

Delta R.T. 0.02 min

Lab File: VF059496.D

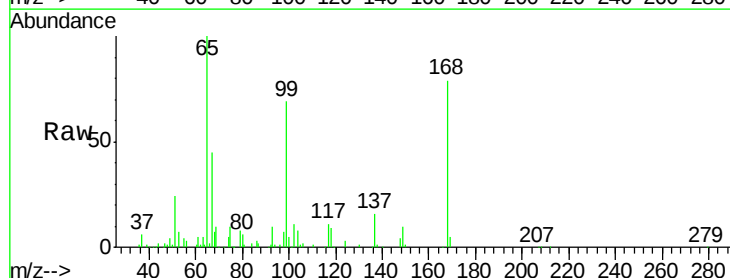
Acq: 10 Jul 2018 20:43

Tgt Ion: 65 Resp: 132517

Ion Ratio Lower Upper

65 100

67 45.5 0.0 88.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

50000

40000

30000

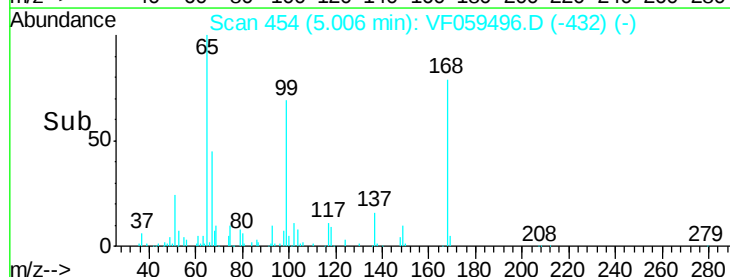
20000

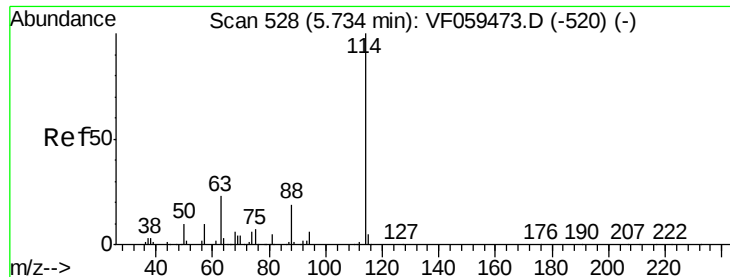
10000

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. 0.01 min

Lab File: VF059496.D

Acq: 10 Jul 2018 20:43

Instrument :

MSVOA_F

ClientSampleId :

SURCHARGE-SP-13RE

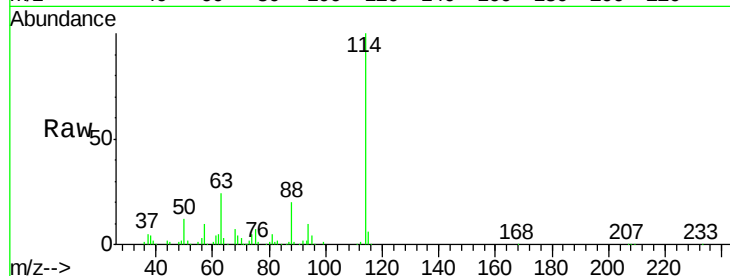
Tot Ion:114 Resp: 280817

Ion Ratio Lower Upper

114 100

63 24.2 0.0 47.2

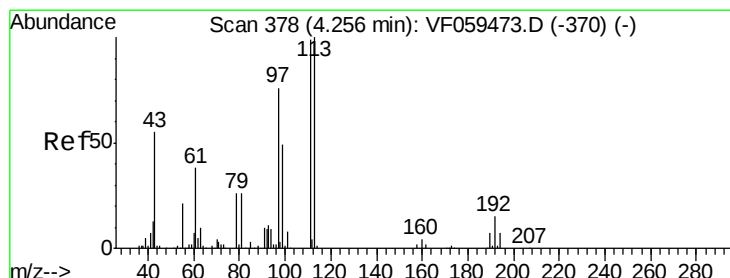
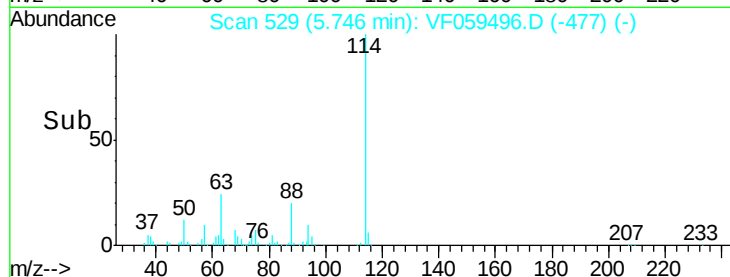
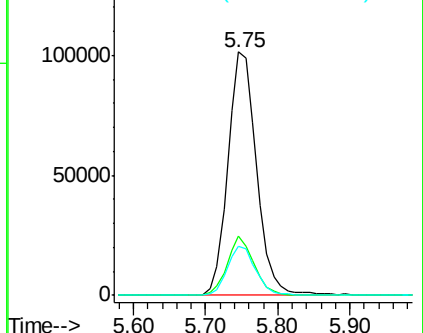
88 20.3 0.0 38.0



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: 42.14 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.02 min

Lab File: VF059496.D

Acq: 10 Jul 2018 20:43

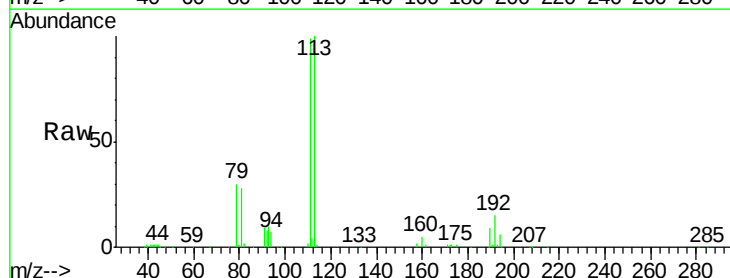
Tgt Ion:113 Resp: 113533

Ion Ratio Lower Upper

113 100

111 97.7 79.3 118.9

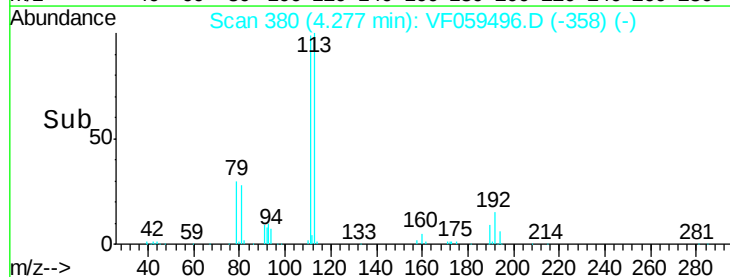
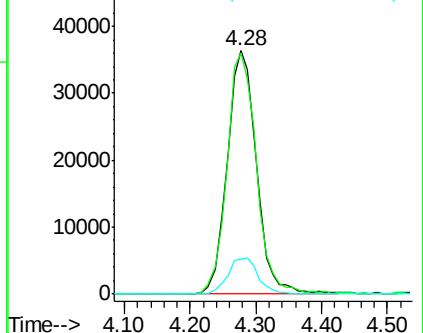
192 14.4 12.0 18.0

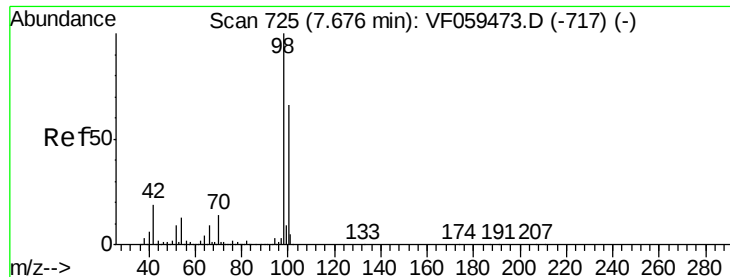


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 32.80 ug/l

RT: 7.70 min Scan# 727

Delta R.T. 0.02 min

Lab File: VF059496.D

Acq: 10 Jul 2018 20:43

Instrument :

MSVOA_F

ClientSampleId :

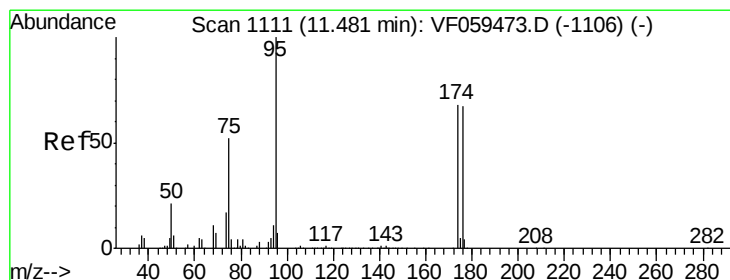
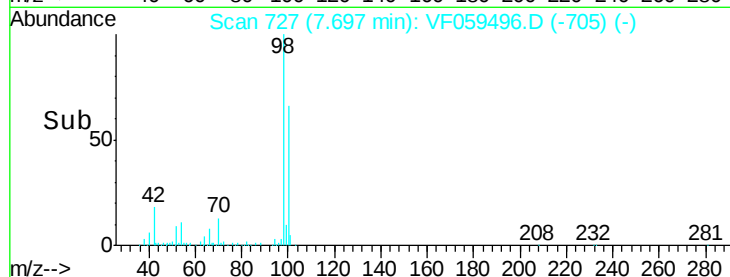
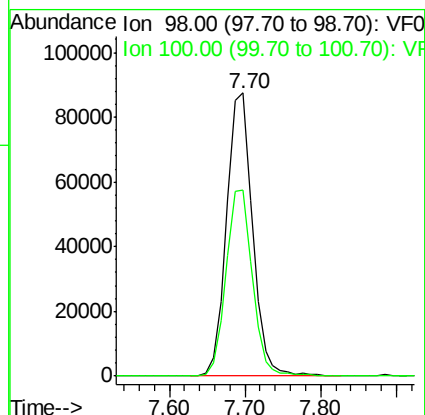
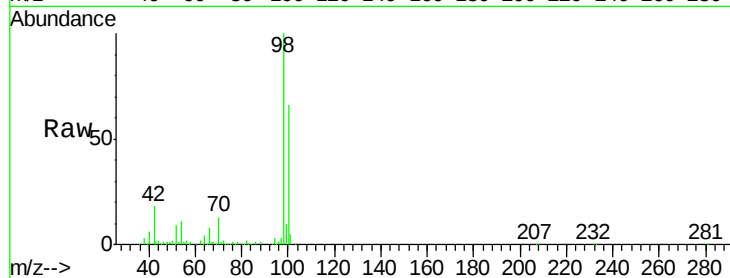
SURCHARGE-SP-13RE

Tot Ion: 98 Resp: 207889

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 26.82 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF059496.D

Acq: 10 Jul 2018 20:43

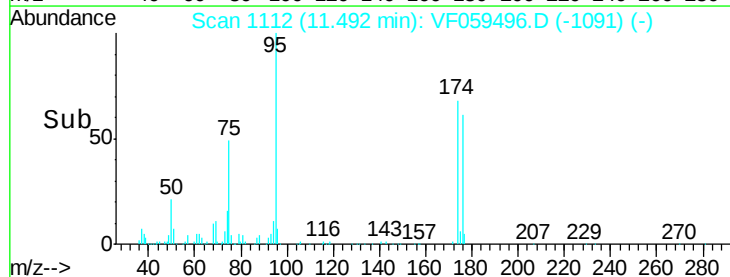
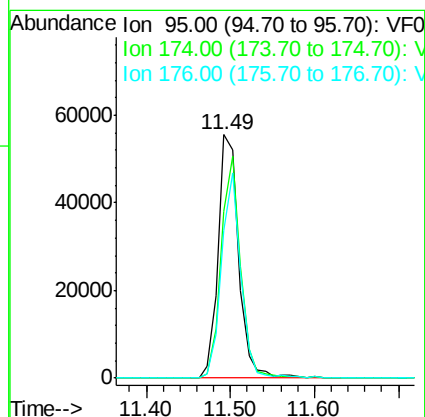
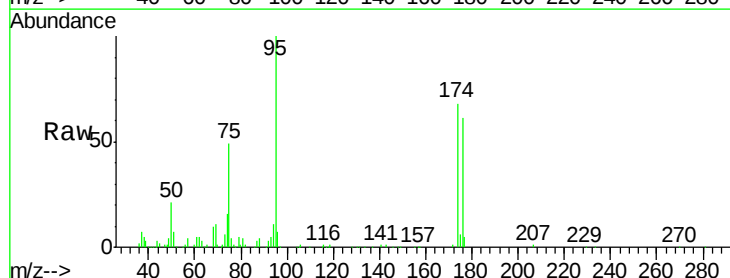
Tgt Ion: 95 Resp: 94844

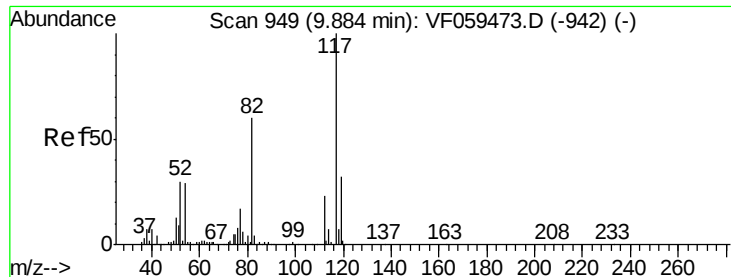
Ion Ratio Lower Upper

95 100

174 68.3 0.0 137.0

176 60.9 0.0 133.8

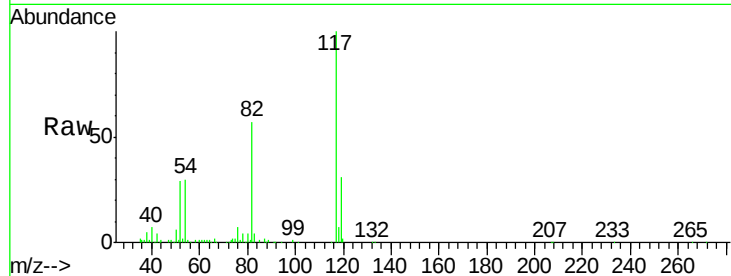




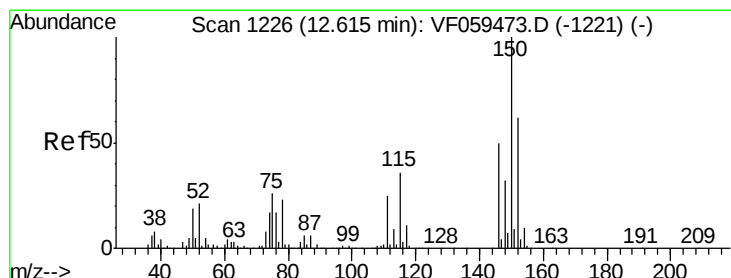
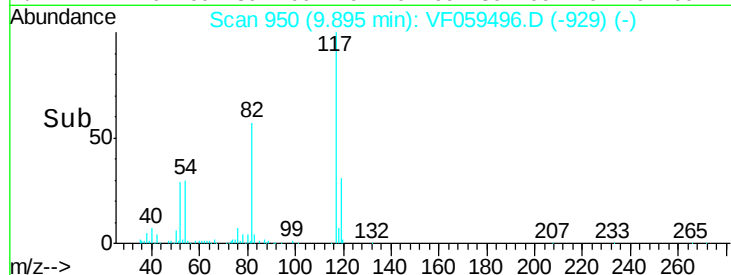
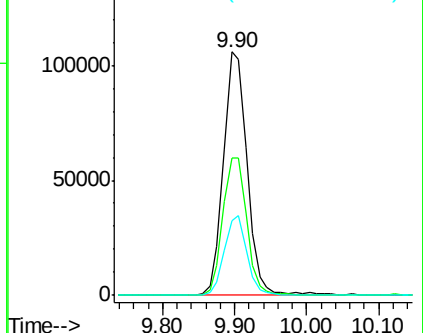
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. 0.01 min
Lab File: VF059496.D
Acq: 10 Jul 2018 20:43

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-13RE

Tot Ion:117 Resp: 241962
Ion Ratio Lower Upper
117 100
82 56.6 48.2 72.4
119 30.9 25.7 38.5

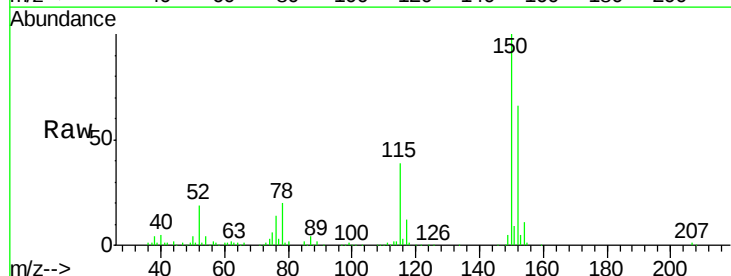


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF059496.D
Acq: 10 Jul 2018 20:43

Tgt Ion:152 Resp: 101925
Ion Ratio Lower Upper
152 100
115 58.8 28.7 86.3
150 151.0 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

