

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059490.D
 Acq On : 10 Jul 2018 17:56
 Operator : VA/AP
 Sample : J3879-14RE
 Misc : 5.54g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SURCHARGE-SP-7RE

Quant Time: Jul 10 18:59:08 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	203914	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.75	114	276945	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.90	117	233097	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	90718	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	121228	34.18	ug/l	0.01
Spiked Amount	50.000		Recovery	=	68.36%	
35) Dibromofluoromethane	4.27	113	100853	37.95	ug/l	0.01
Spiked Amount	50.000		Recovery	=	75.90%	
50) Toluene-d8	7.69	98	191867	30.69	ug/l	0.01
Spiked Amount	50.000		Recovery	=	61.38%	
62) 4-Bromofluorobenzene	11.50	95	78331	22.46	ug/l	0.01
Spiked Amount	50.000		Recovery	=	44.92%	

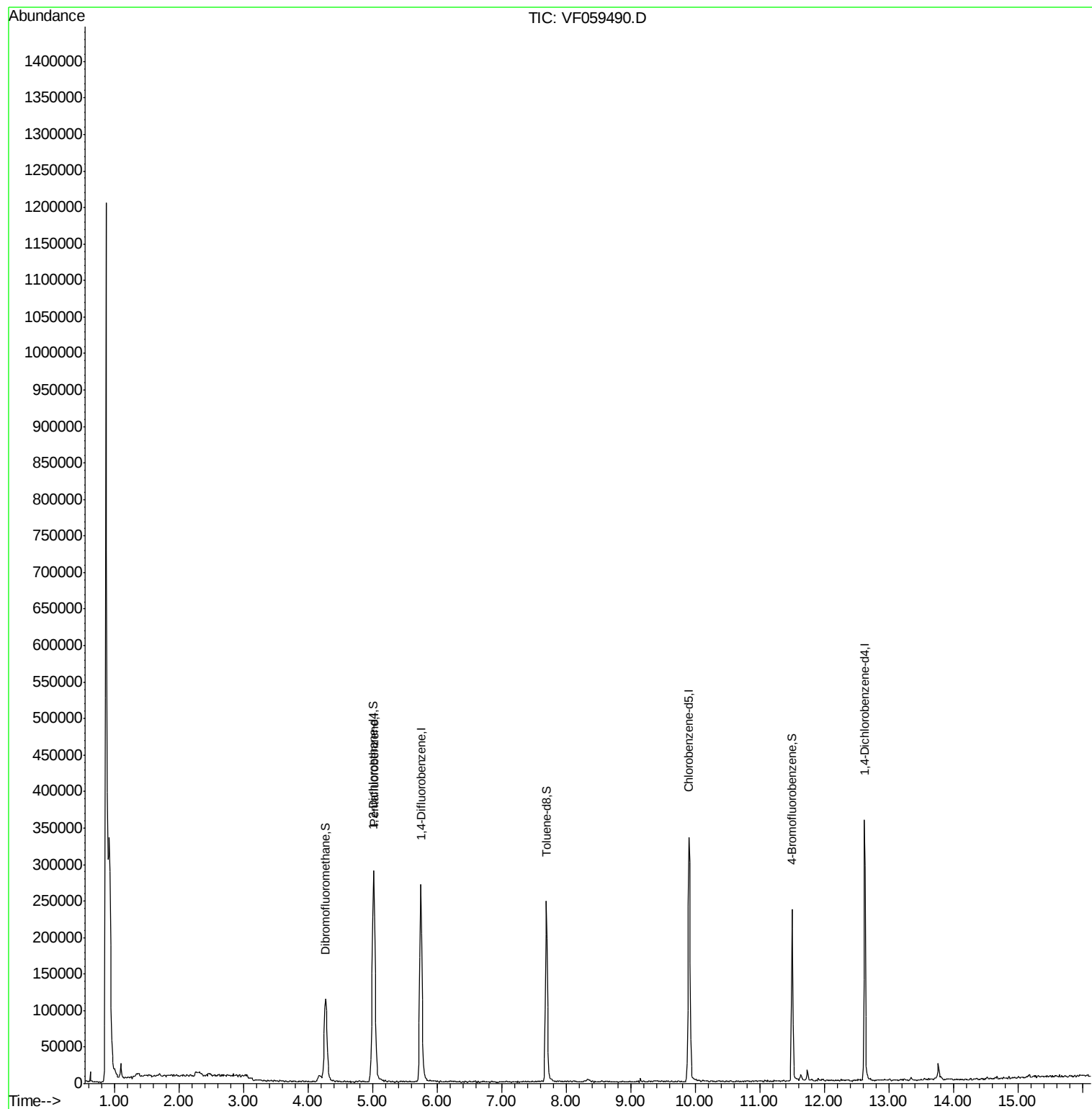
Target Compounds	Qvalue

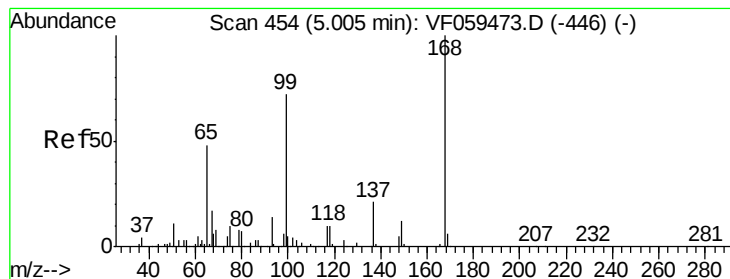
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059490.D

Acq: 10 Jul 2018 17:56

Instrument :

MSVOA_F

ClientSampleId :

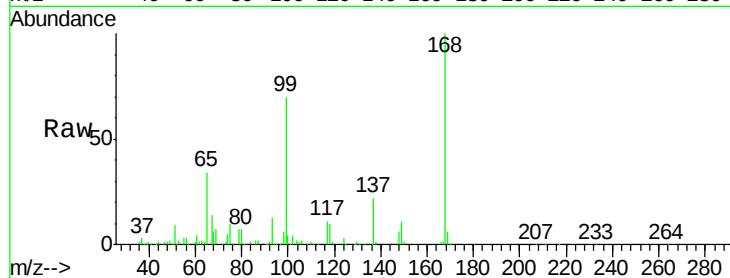
SURCHARGE-SP-7RE

Tot Ion:168 Resp: 203914

Ion Ratio Lower Upper

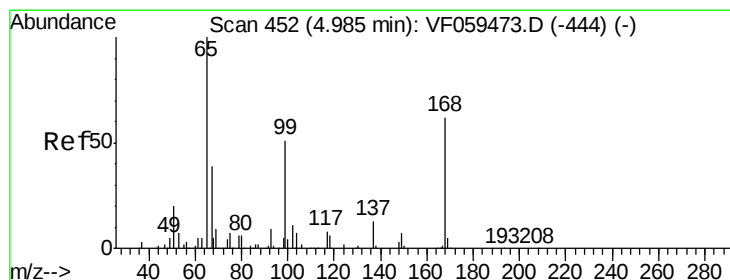
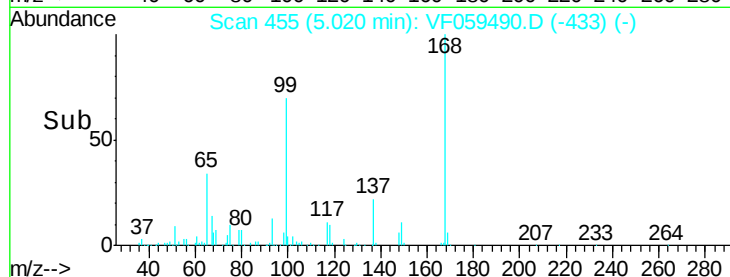
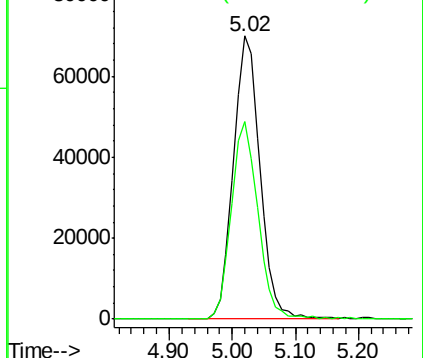
168 100

99 69.8 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: 34.18 ug/l

RT: 5.00 min Scan# 453

Delta R.T. 0.01 min

Lab File: VF059490.D

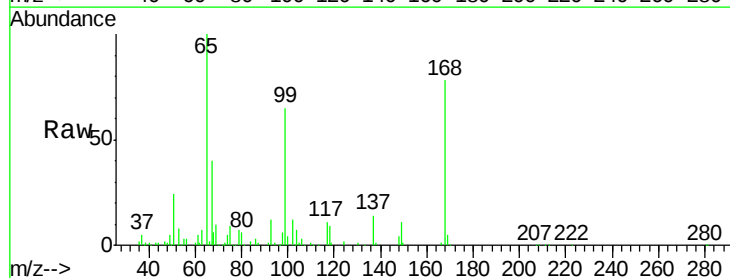
Acq: 10 Jul 2018 17:56

Tgt Ion: 65 Resp: 121228

Ion Ratio Lower Upper

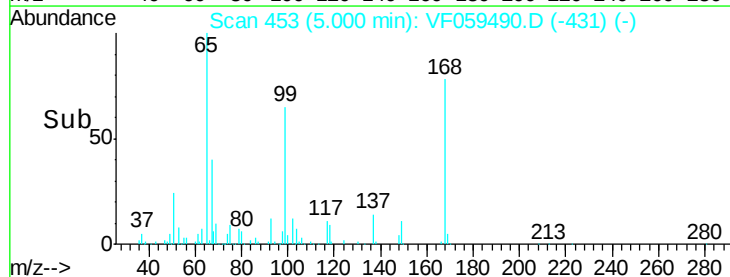
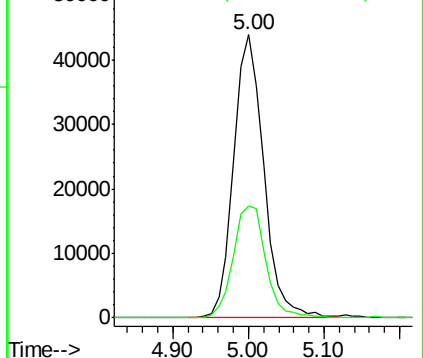
65 100

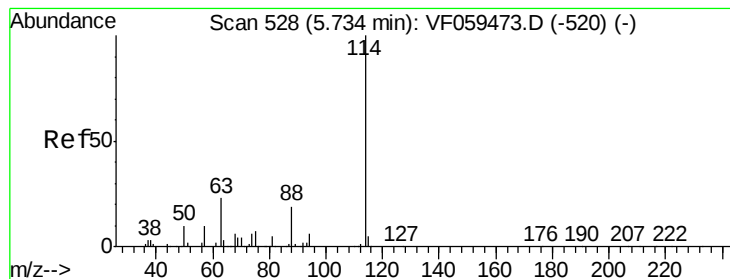
67 39.7 0.0 88.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. 0.01 min

Lab File: VF059490.D

Acq: 10 Jul 2018 17:56

Instrument :

MSVOA_F

ClientSampleId :

SURCHARGE-SP-7RE

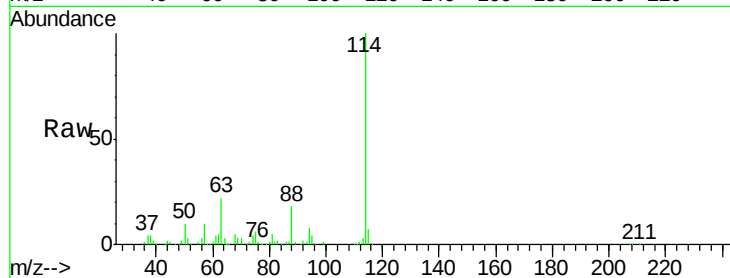
Tot Ion:114 Resp: 276945

Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.2

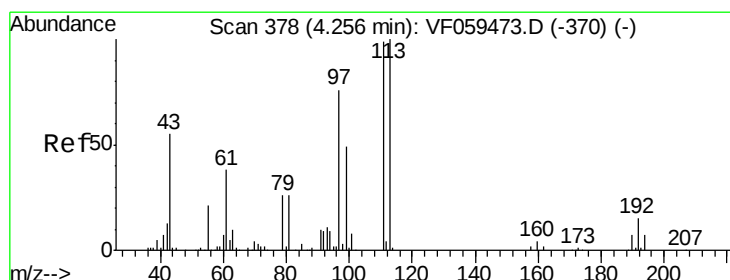
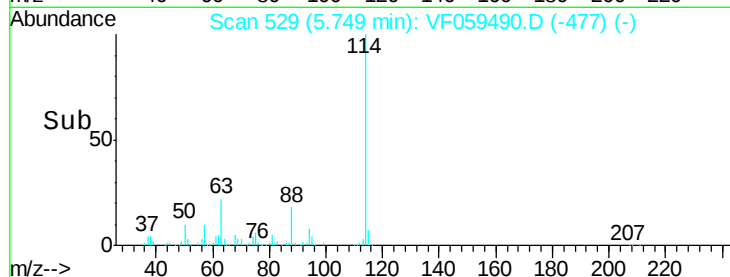
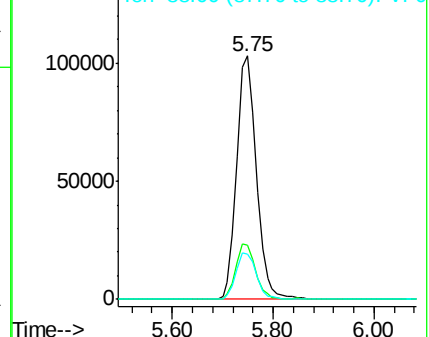
88 18.4 0.0 38.0



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: 37.95 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.01 min

Lab File: VF059490.D

Acq: 10 Jul 2018 17:56

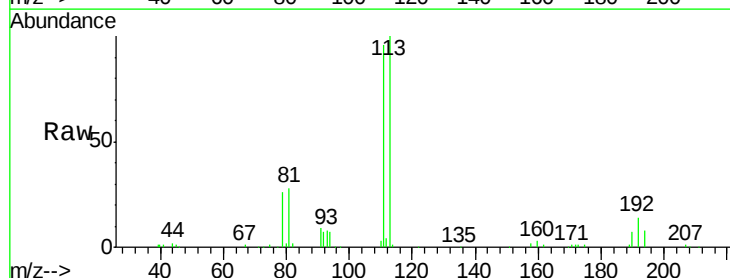
Tgt Ion:113 Resp: 100853

Ion Ratio Lower Upper

113 100

111 95.6 79.3 118.9

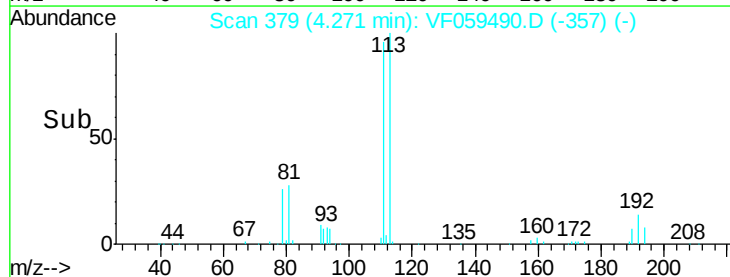
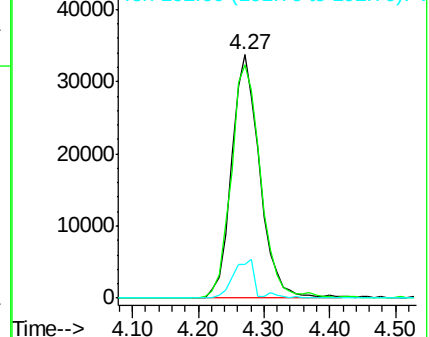
192 14.1 12.0 18.0

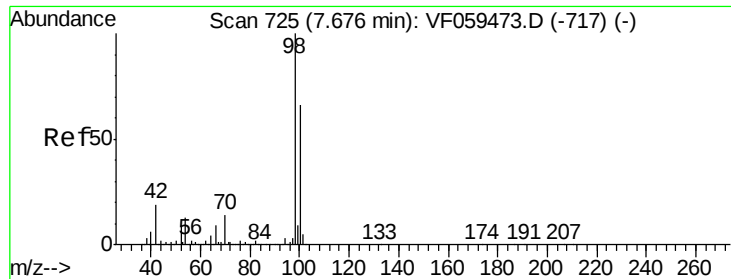


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 30.69 ug/l

RT: 7.69 min Scan# 726

Delta R.T. 0.01 min

Lab File: VF059490.D

Acq: 10 Jul 2018 17:56

Instrument :

MSVOA_F

ClientSampleId :

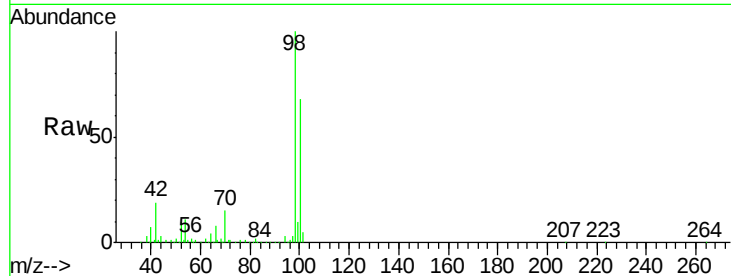
SURCHARGE-SP-7RE

Tot Ion: 98 Resp: 191867

Ion Ratio Lower Upper

98 100

100 68.2 52.6 78.8

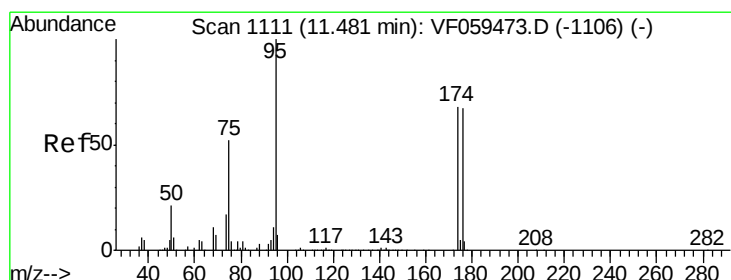
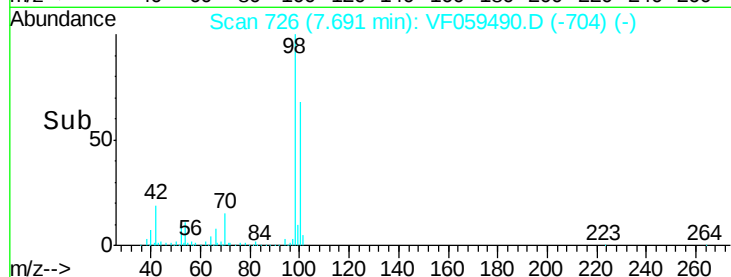


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.69

Time-->



#62

4-Bromofluorobenzene

Concen: 22.46 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF059490.D

Acq: 10 Jul 2018 17:56

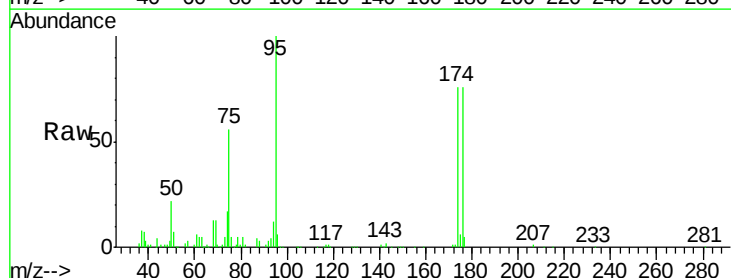
Tgt Ion: 95 Resp: 78331

Ion Ratio Lower Upper

95 100

174 76.4 0.0 137.0

176 75.9 0.0 133.8



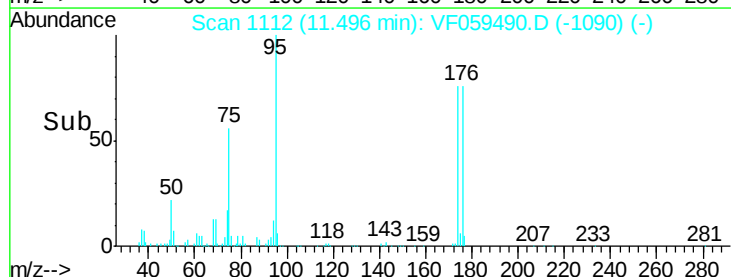
Abundance Ion 95.00 (94.70 to 95.70): VF0

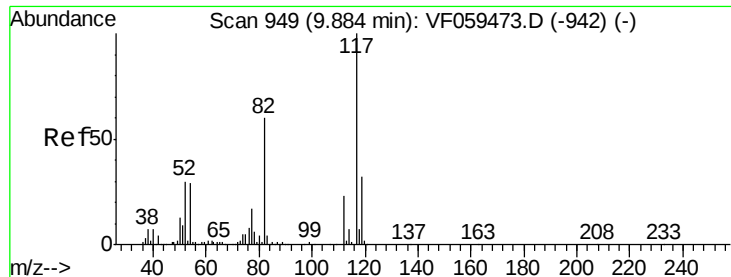
Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.50

Time-->

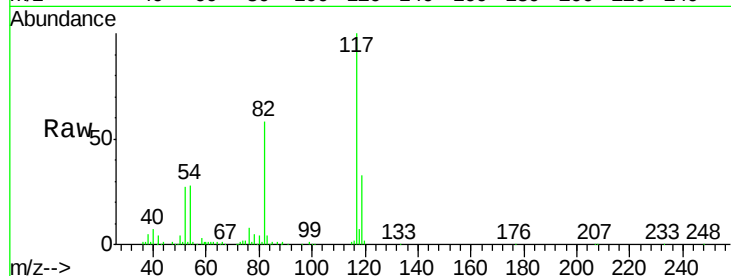




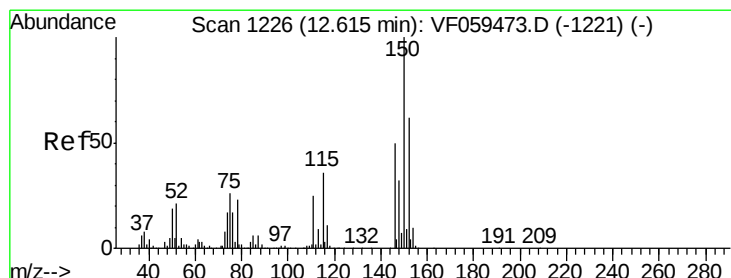
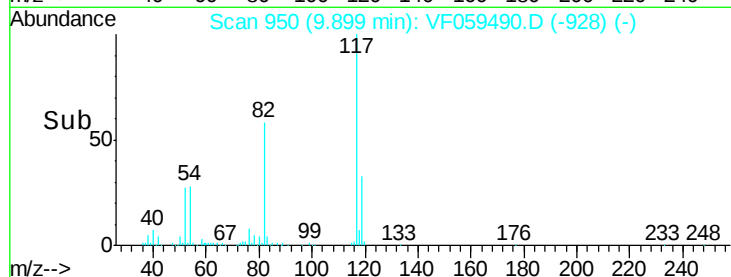
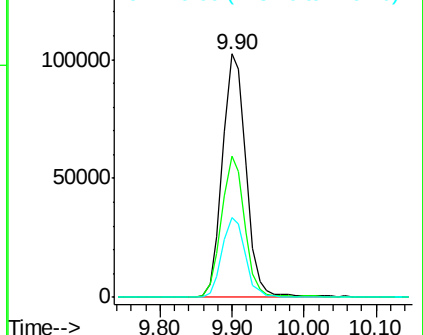
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. 0.01 min
Lab File: VF059490.D
Acq: 10 Jul 2018 17:56

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-7RE

Tot Ion:117 Resp: 233097
Ion Ratio Lower Upper
117 100
82 58.0 48.2 72.4
119 32.7 25.7 38.5

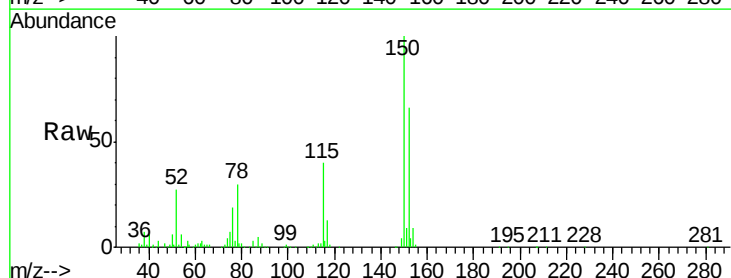


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF059490.D
Acq: 10 Jul 2018 17:56

Tgt Ion:152 Resp: 90718
Ion Ratio Lower Upper
152 100
115 61.1 28.7 86.3
150 152.6 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

