

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059488.D
 Acq On : 10 Jul 2018 17:01
 Operator : VA/AP
 Sample : J3879-08RE
 Misc : 4.06g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SURCHARGE-SP-4RE

Quant Time: Jul 10 18:38:46 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	5.02	168	226456	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.75	114	297613	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	255178	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	106580	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	131735	33.45	ug/l	0.01
Spiked Amount	50.000		Recovery	=	66.90%	
35) Dibromofluoromethane	4.27	113	115200	40.34	ug/l	0.01
Spiked Amount	50.000		Recovery	=	80.68%	
50) Toluene-d8	7.69	98	219139	32.62	ug/l	0.01
Spiked Amount	50.000		Recovery	=	65.24%	
62) 4-Bromofluorobenzene	11.50	95	94590	25.24	ug/l	0.01
Spiked Amount	50.000		Recovery	=	50.48%	

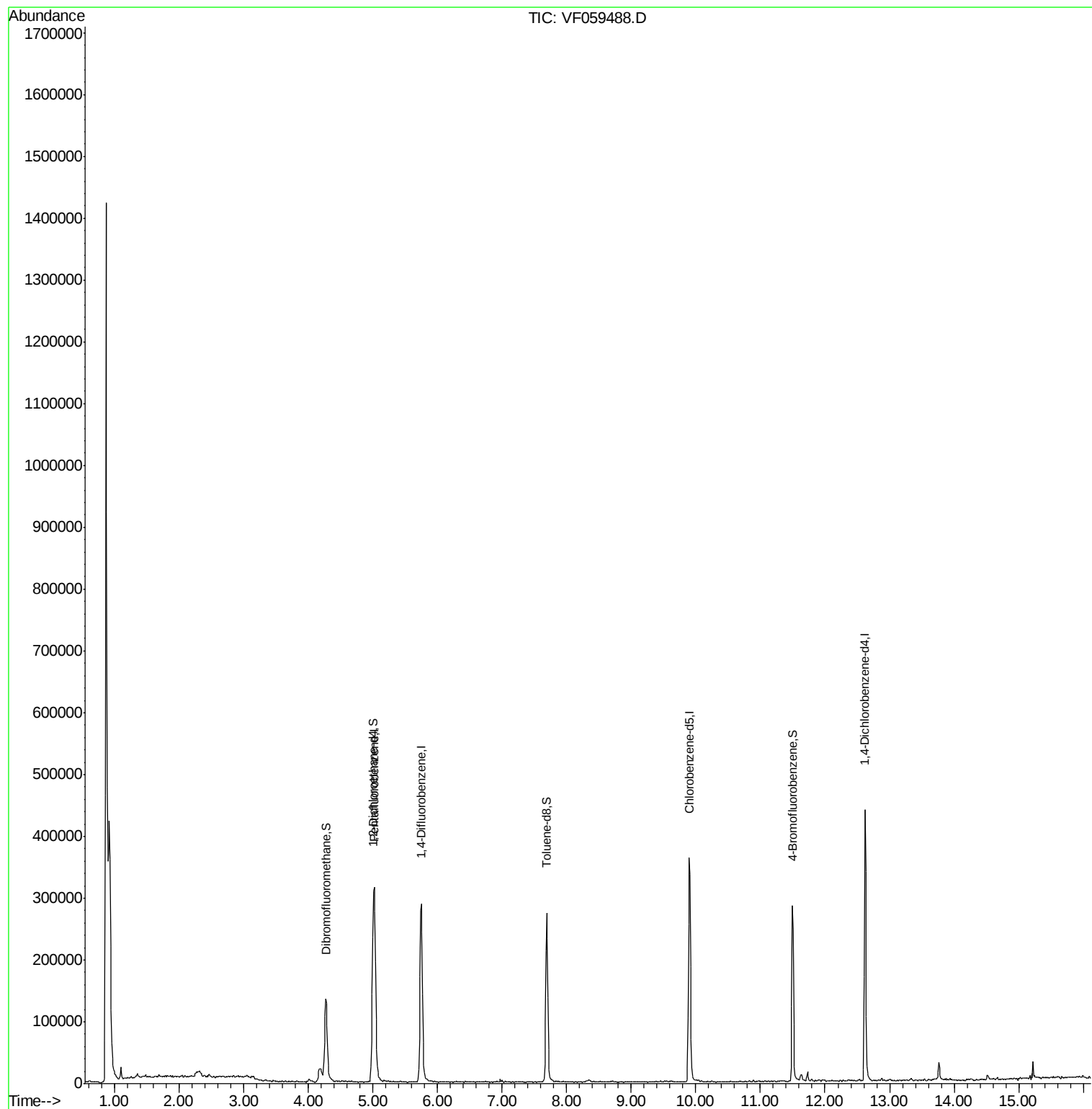
Target Compounds	Qvalue

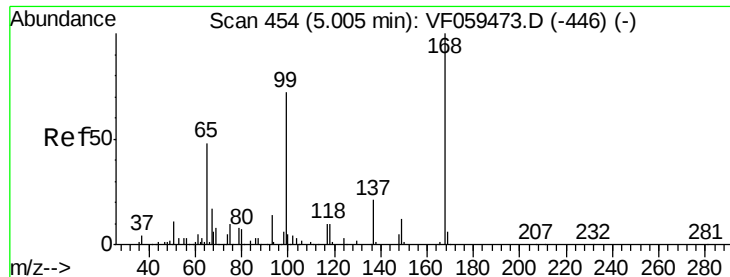
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.01 min

Lab File: VF059488.D

Acq: 10 Jul 2018 17:01

Instrument :

MSVOA_F

ClientSampleId :

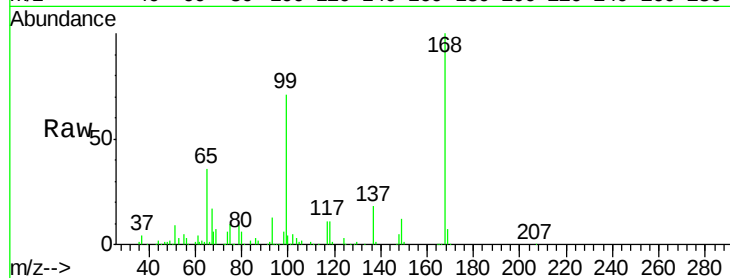
SURCHARGE-SP-4RE

Tot Ion:168 Resp: 226456

Ion Ratio Lower Upper

168 100

99 71.2 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

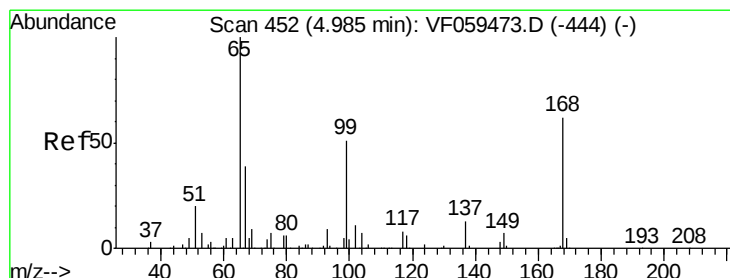
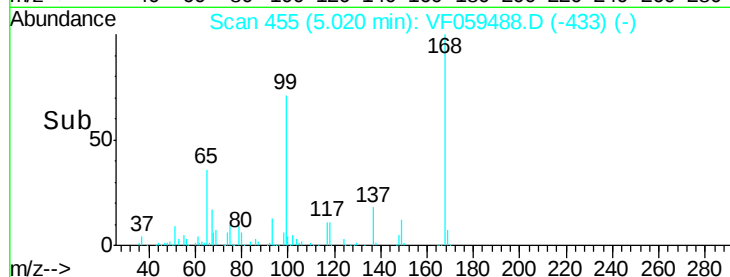
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 33.45 ug/l

RT: 5.00 min Scan# 453

Delta R.T. 0.01 min

Lab File: VF059488.D

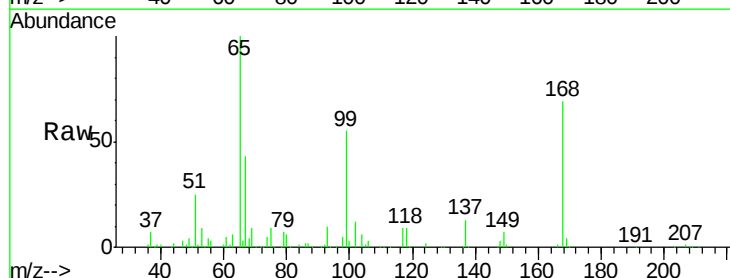
Acq: 10 Jul 2018 17:01

Tgt Ion: 65 Resp: 131735

Ion Ratio Lower Upper

65 100

67 42.6 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

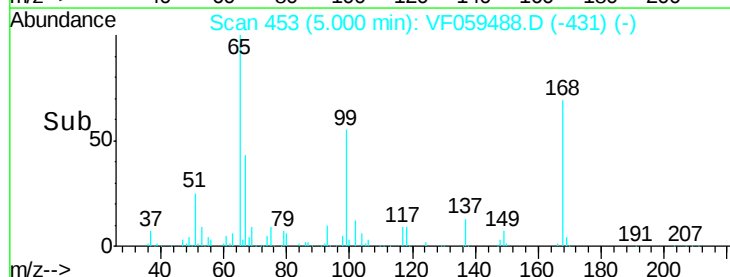
20000

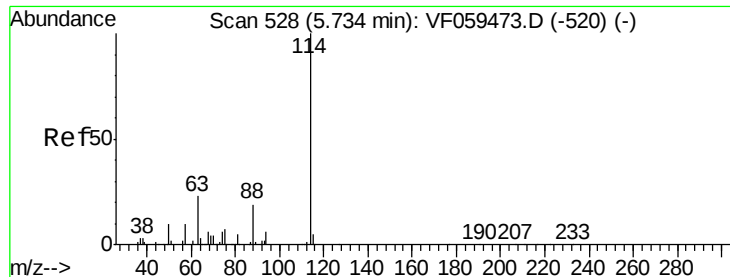
10000

0

Time-->

4.80 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: VF059488.D

Acq: 10 Jul 2018 17:01

Instrument :

MSVOA_F

ClientSampleId :

SURCHARGE-SP-4RE

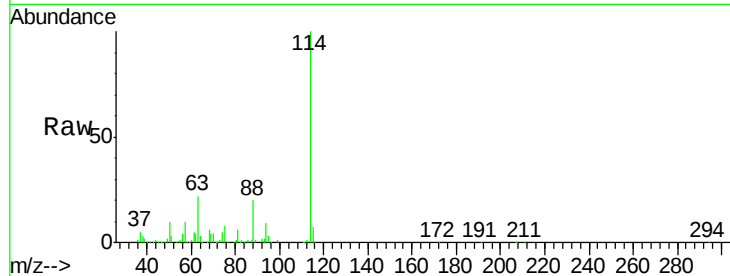
Tot Ion:114 Resp: 297613

Ion Ratio Lower Upper

114 100

63 22.0 0.0 47.2

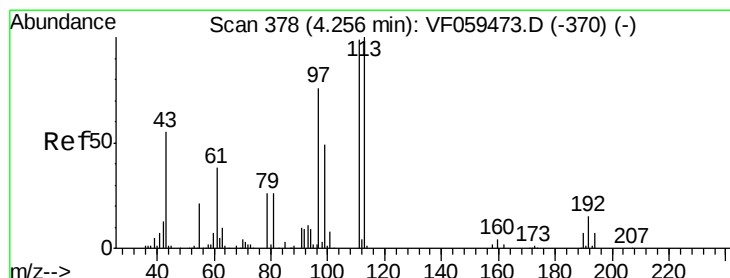
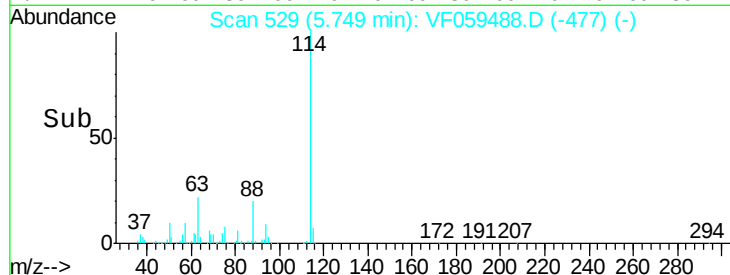
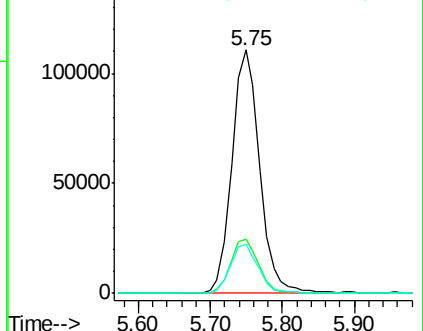
88 20.1 0.0 38.0



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: 40.34 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.01 min

Lab File: VF059488.D

Acq: 10 Jul 2018 17:01

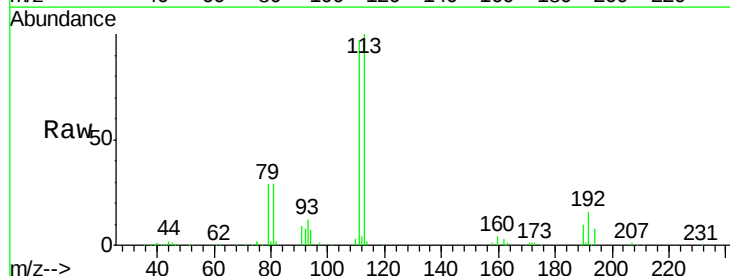
Tgt Ion:113 Resp: 115200

Ion Ratio Lower Upper

113 100

111 97.3 79.3 118.9

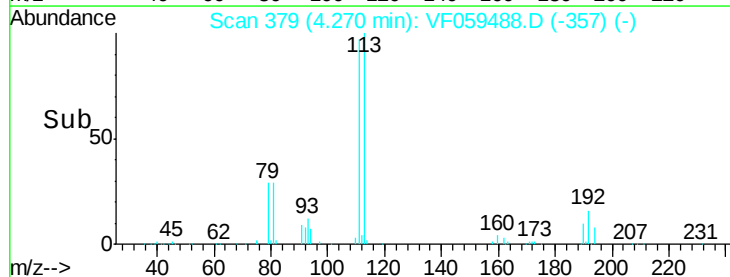
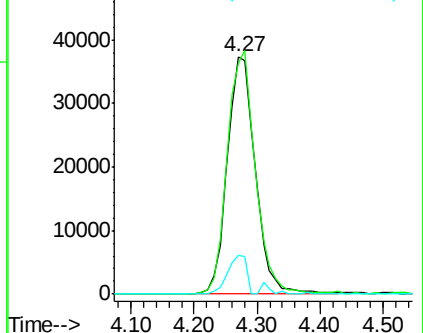
192 16.4 12.0 18.0

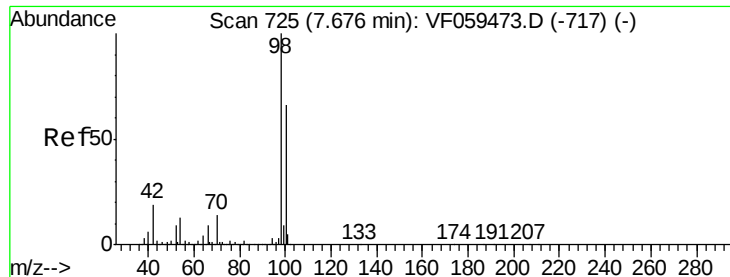


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 32.62 ug/l

RT: 7.69 min Scan# 726

Delta R.T. 0.01 min

Lab File: VF059488.D

Acq: 10 Jul 2018 17:01

Instrument :

MSVOA_F

ClientSampleId :

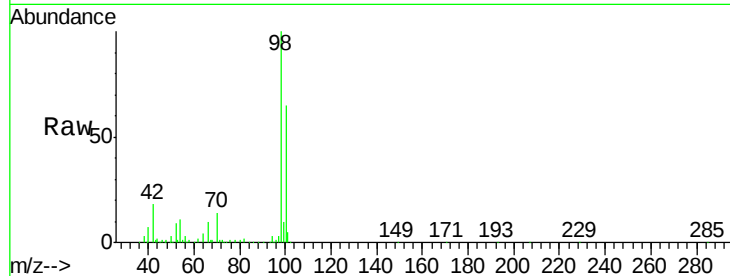
SURCHARGE-SP-4RE

Tot Ion: 98 Resp: 219139

Ion Ratio Lower Upper

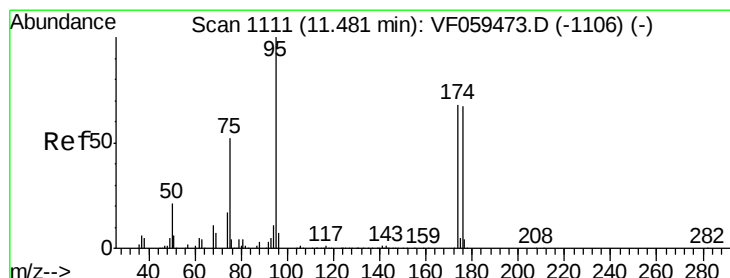
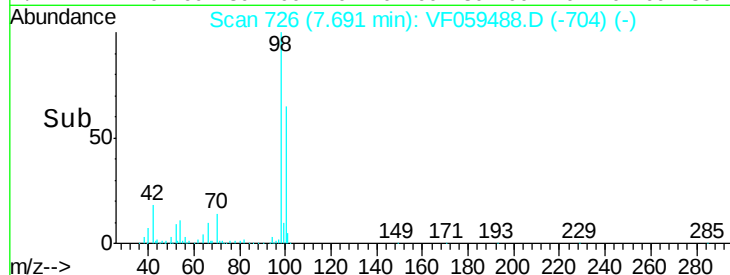
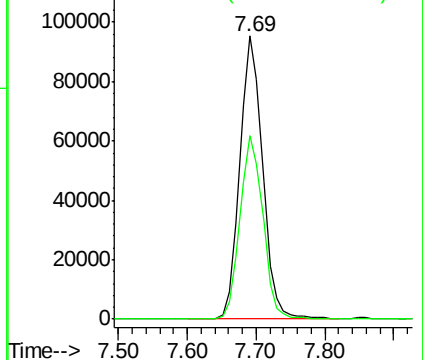
98 100

100 64.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#62

4-Bromofluorobenzene

Concen: 25.24 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF059488.D

Acq: 10 Jul 2018 17:01

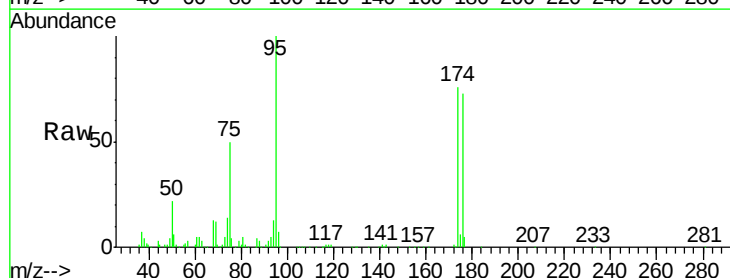
Tgt Ion: 95 Resp: 94590

Ion Ratio Lower Upper

95 100

174 76.1 0.0 137.0

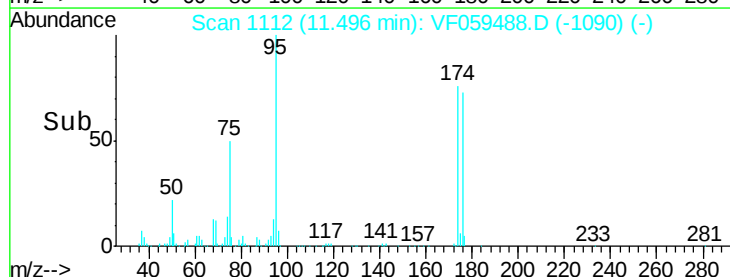
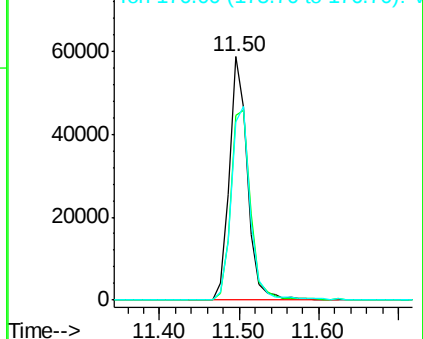
176 73.0 0.0 133.8

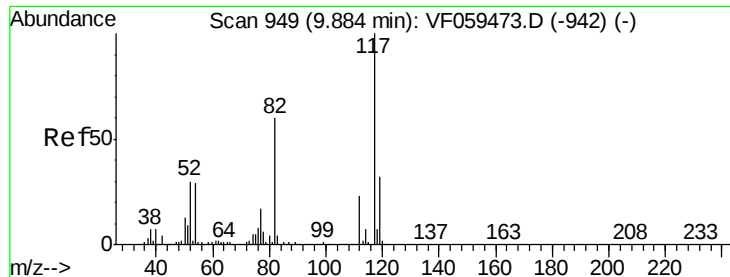


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

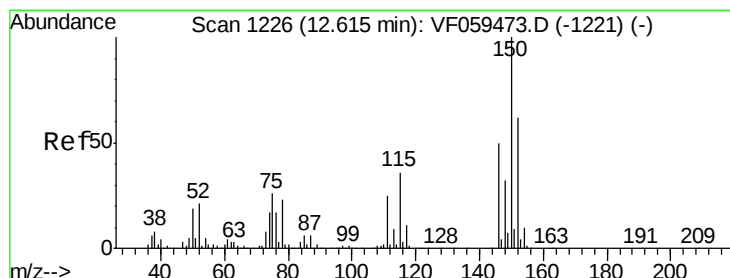
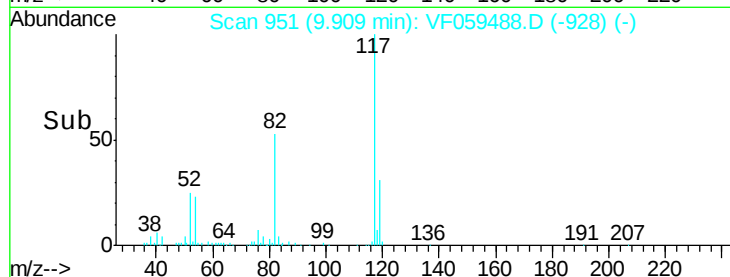
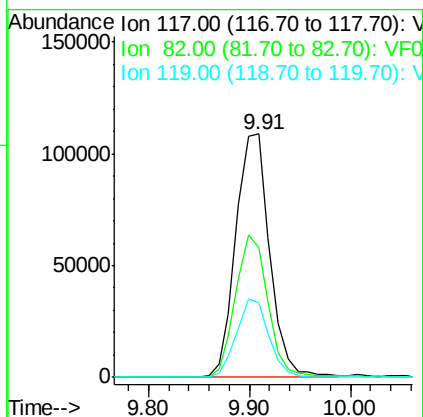
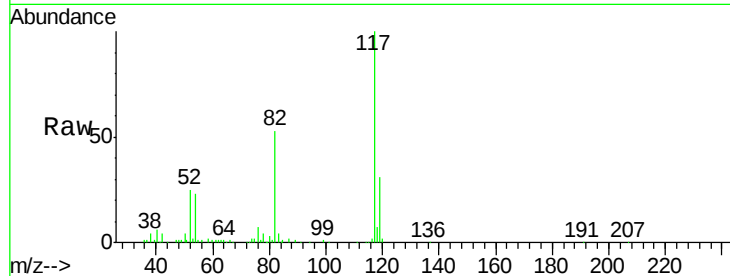




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.02 min
Lab File: VF059488.D
Acq: 10 Jul 2018 17:01

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-4RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	48.2	72.4
119	30.8	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF059488.D
Acq: 10 Jul 2018 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	28.7	86.3
150	158.6	0.0	323.8

