

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059491.D
 Acq On : 10 Jul 2018 18:24
 Operator : VA/AP
 Sample : J3879-16RE
 Misc : 4.78g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SURCHARGE-SP-8RE

Quant Time: Jul 11 01:34:46 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	209961	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.75	114	306242	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.90	117	261833	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	112276	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	140071	38.36	ug/l	0.02
Spiked Amount	50.000		Recovery	=	76.72%	
35) Dibromofluoromethane	4.28	113	123564	42.05	ug/l	0.02
Spiked Amount	50.000		Recovery	=	84.10%	
50) Toluene-d8	7.70	98	231877	33.54	ug/l	0.02
Spiked Amount	50.000		Recovery	=	67.08%	
62) 4-Bromofluorobenzene	11.50	95	104415	27.08	ug/l	0.02
Spiked Amount	50.000		Recovery	=	54.16%	

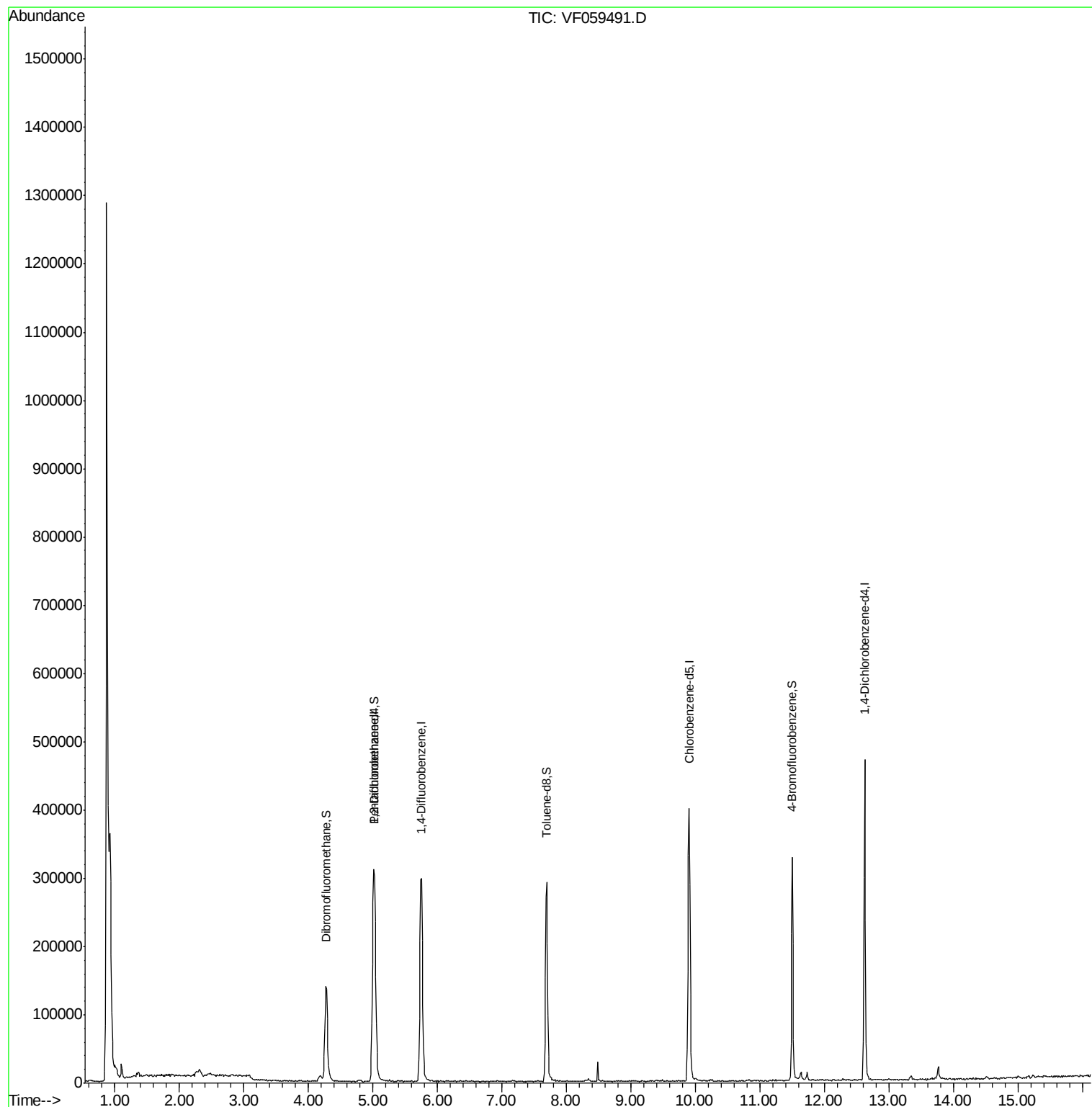
Target Compounds	Qvalue

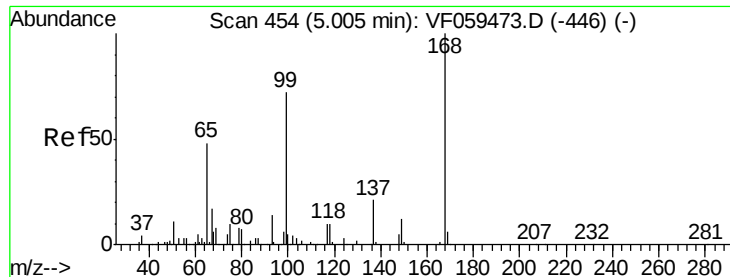
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 06:35:36 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.02 min

Lab File: VF059491.D

Acq: 10 Jul 2018 18:24

Instrument :

MSVOA_F

ClientSampleId :

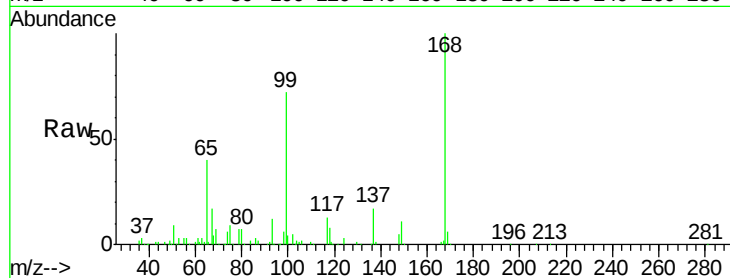
SURCHARGE-SP-8RE

Tot Ion:168 Resp: 209961

Ion Ratio Lower Upper

168 100

99 71.6 57.7 86.5



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

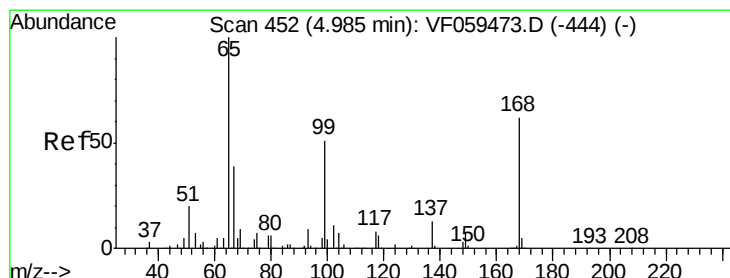
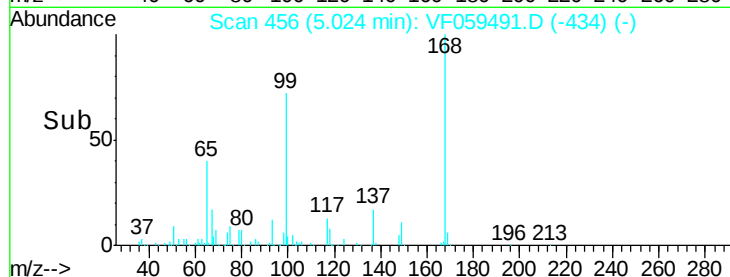
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 38.36 ug/l

RT: 5.00 min Scan# 454

Delta R.T. 0.02 min

Lab File: VF059491.D

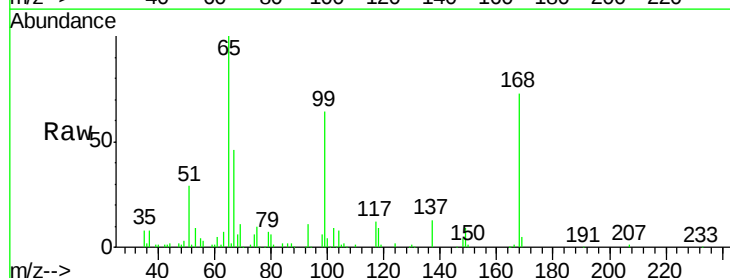
Acq: 10 Jul 2018 18:24

Tgt Ion: 65 Resp: 140071

Ion Ratio Lower Upper

65 100

67 45.9 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

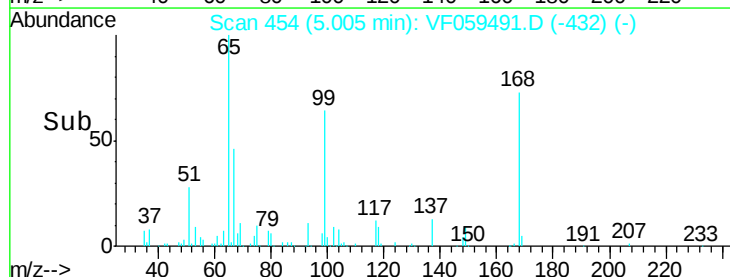
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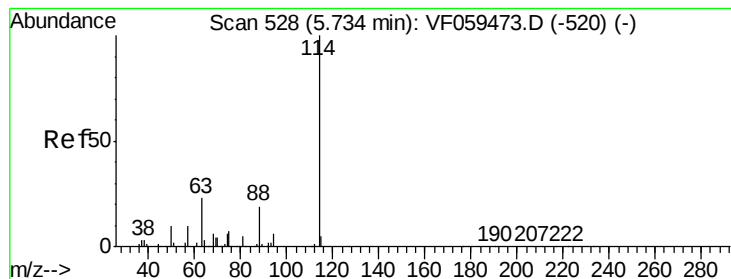
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. 0.02 min

Lab File: VF059491.D

Acq: 10 Jul 2018 18:24

Instrument :

MSVOA_F

ClientSampleId :

SURCHARGE-SP-8RE

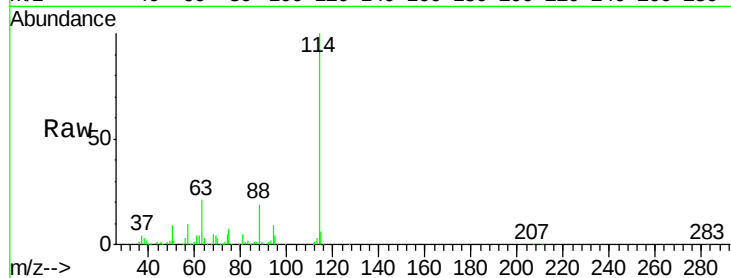
Tot Ion:114 Resp: 306242

Ion Ratio Lower Upper

114 100

63 20.8 0.0 47.2

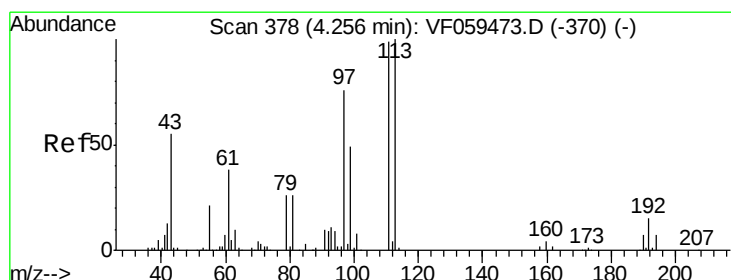
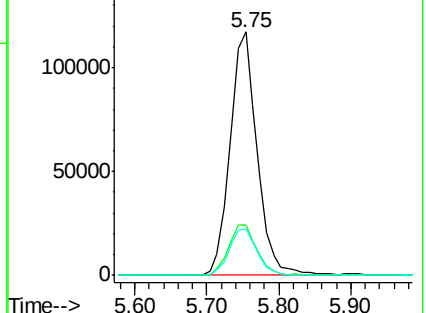
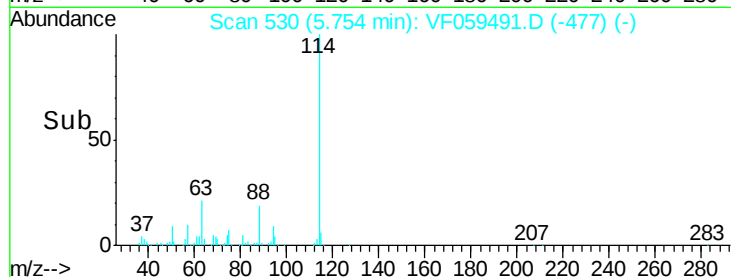
88 19.3 0.0 38.0



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: 42.05 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.02 min

Lab File: VF059491.D

Acq: 10 Jul 2018 18:24

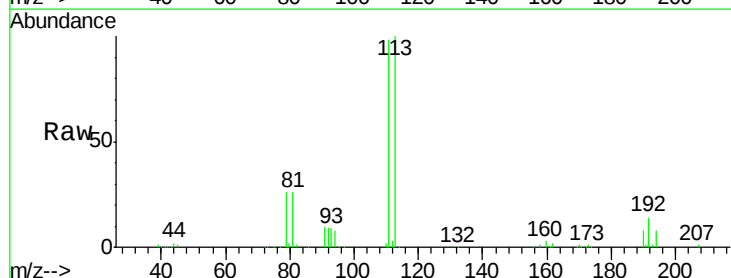
Tgt Ion:113 Resp: 123564

Ion Ratio Lower Upper

113 100

111 97.5 79.3 118.9

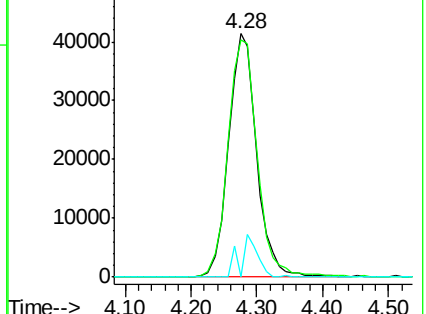
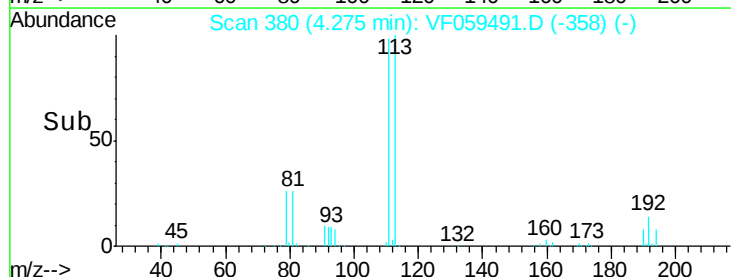
192 0.0 12.0 18.0#

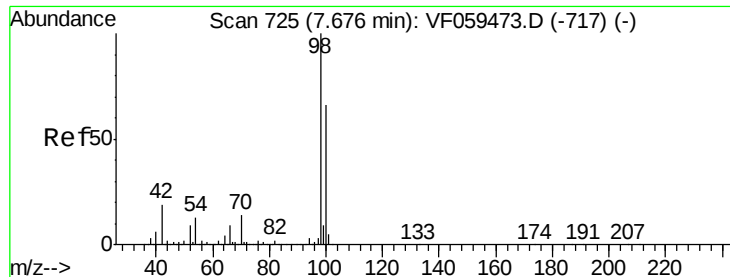


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 33.54 ug/l

RT: 7.70 min Scan# 727

Delta R.T. 0.02 min

Lab File: VF059491.D

Acq: 10 Jul 2018 18:24

Instrument :

MSVOA_F

ClientSampleId :

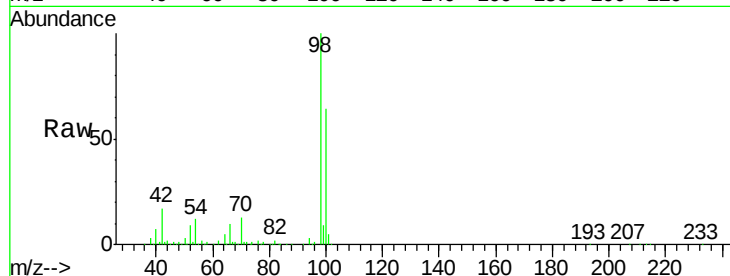
SURCHARGE-SP-8RE

Tot Ion: 98 Resp: 231877

Ion Ratio Lower Upper

98 100

100 64.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.70

100000

80000

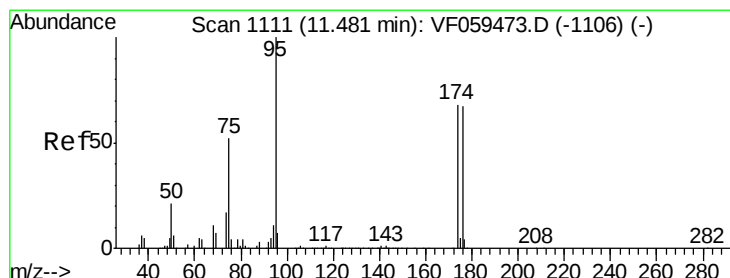
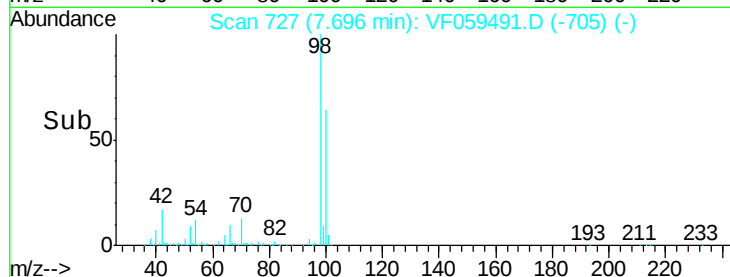
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 27.08 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF059491.D

Acq: 10 Jul 2018 18:24

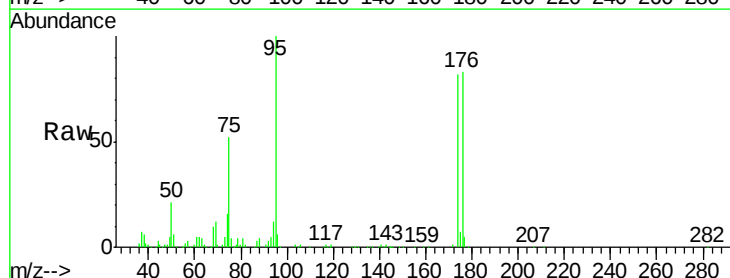
Tgt Ion: 95 Resp: 104415

Ion Ratio Lower Upper

95 100

174 82.5 0.0 137.0

176 83.2 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

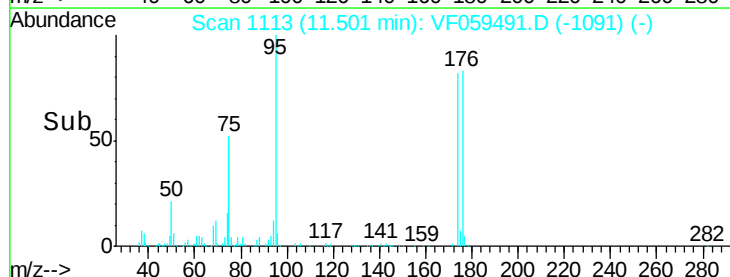
60000

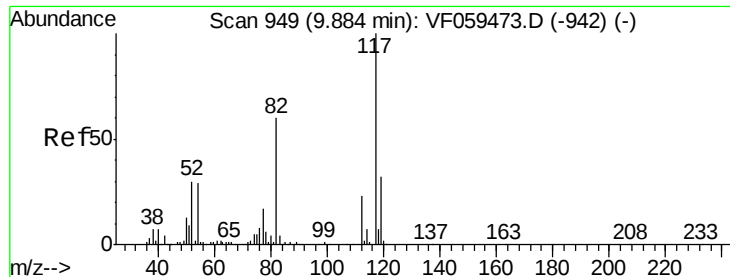
40000

20000

0

Time-->

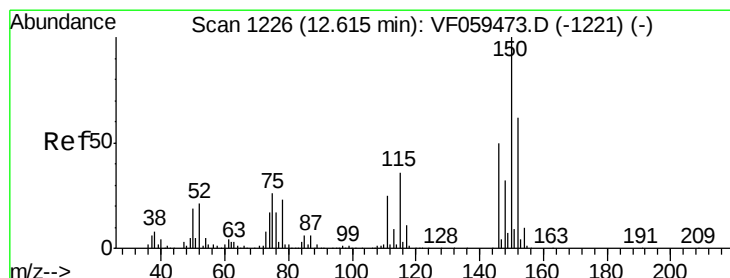
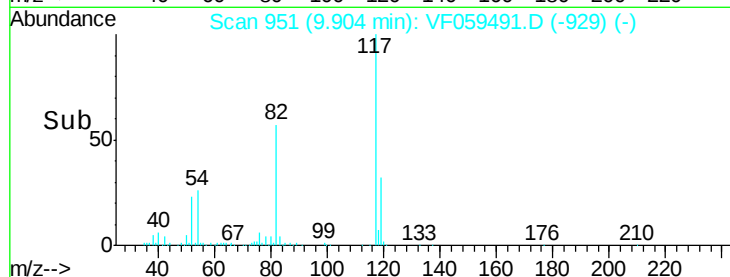
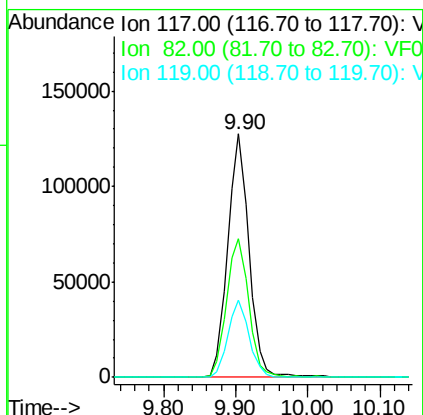
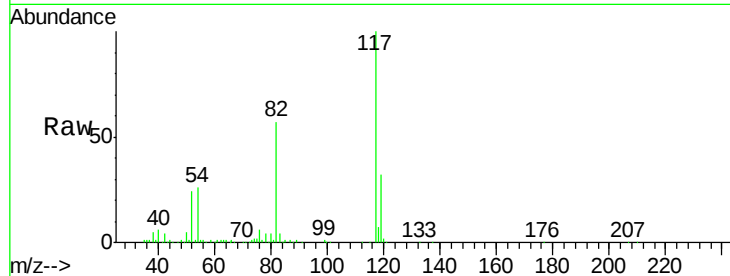




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.02 min
Lab File: VF059491.D
Acq: 10 Jul 2018 18:24

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-8RE

Tot Ion:117 Resp: 261833
Ion Ratio Lower Upper
117 100
82 57.2 48.2 72.4
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF059491.D
Acq: 10 Jul 2018 18:24

Tgt Ion:152 Resp: 112276
Ion Ratio Lower Upper
152 100
115 61.4 28.7 86.3
150 153.6 0.0 323.8

