

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\
 Data File : VF059453.D
 Acq On : 6 Jul 2018 16:55
 Operator : VA/AP
 Sample : J3820-01
 Misc : 6.21g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-03-070318

Quant Time: Jul 07 03:24:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Pentafluorobenzene	5.02	168	211195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	313520	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	245632	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	85843	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	123382	45.22	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	90.44%	
35) Dibromofluoromethane	4.28	113	123586	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
50) Toluene-d8	7.69	98	236405	41.68	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	83.36%	
62) 4-Bromofluorobenzene	11.49	95	97317	30.42	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	60.84%	

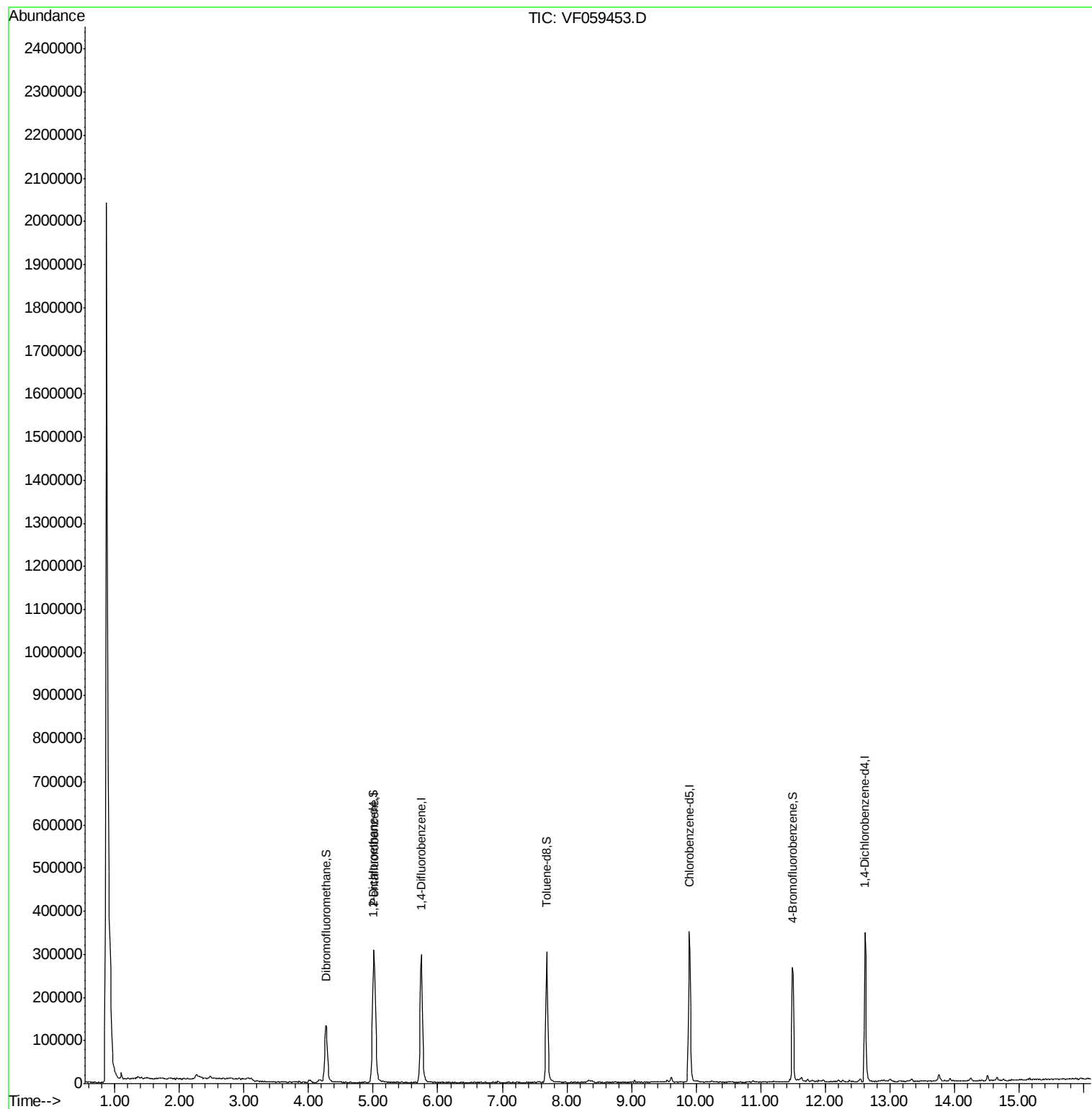
Target Compounds Qvalue

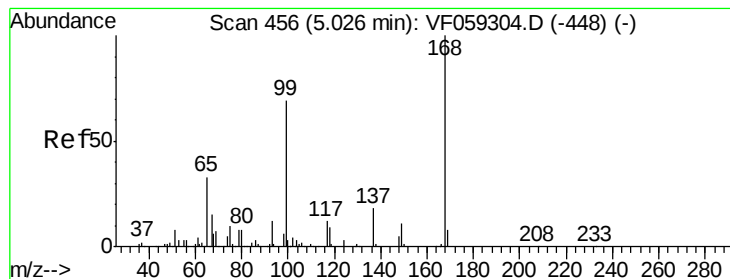
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059453.D

Acq: 6 Jul 2018 16:55

Instrument :

MSVOA_F

ClientSampleId :

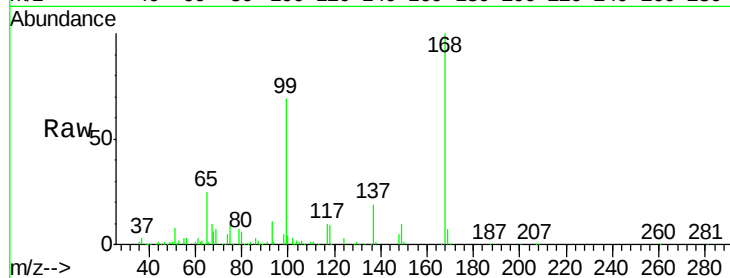
BU-03-070318

Tot Ion:168 Resp: 211195

Ion Ratio Lower Upper

168 100

99 69.5 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

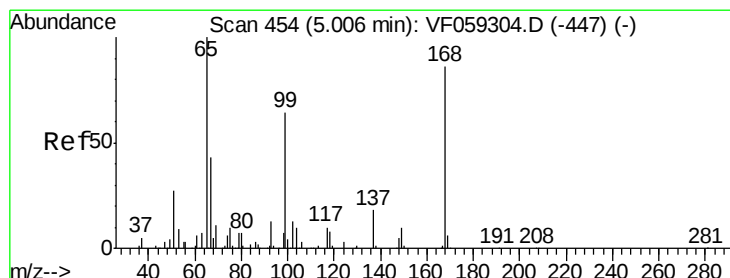
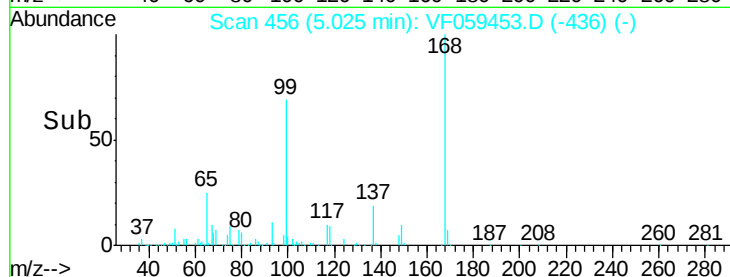
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 45.22 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059453.D

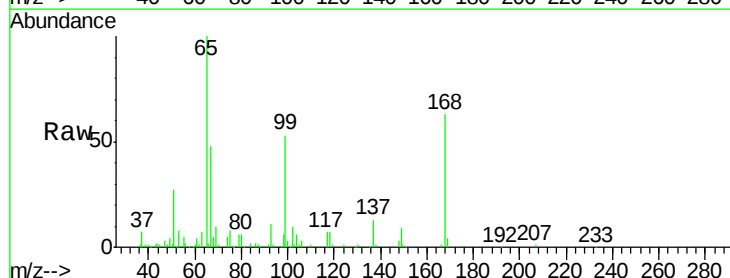
Acq: 6 Jul 2018 16:55

Tgt Ion: 65 Resp: 123382

Ion Ratio Lower Upper

65 100

67 47.5 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

50000

40000

30000

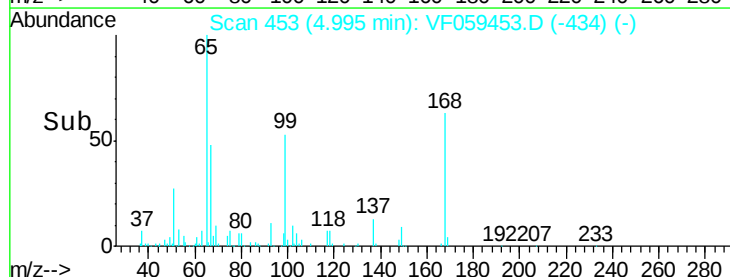
20000

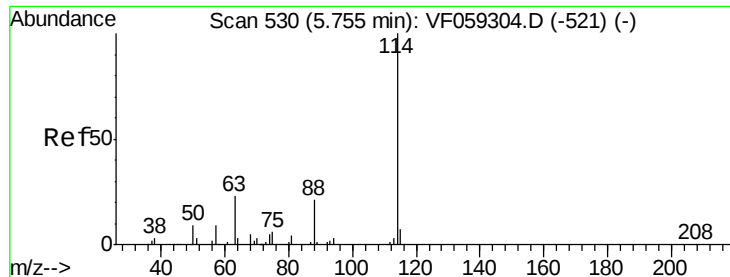
10000

0

Time-->

4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059453.D

Acq: 6 Jul 2018 16:55

Instrument :

MSVOA_F

ClientSampleId :

BU-03-070318

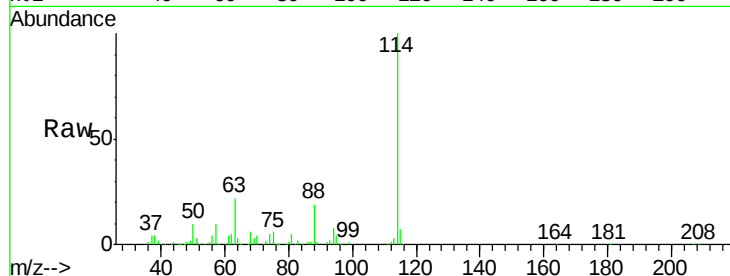
Tot Ion:114 Resp: 313520

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.8

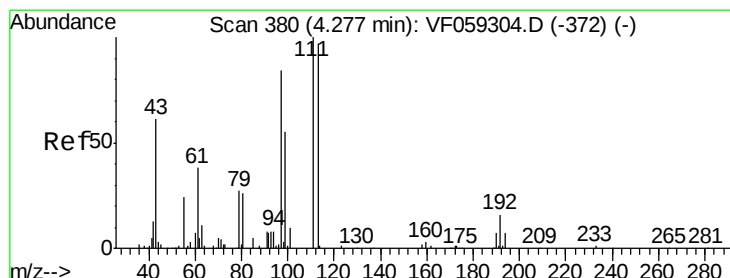
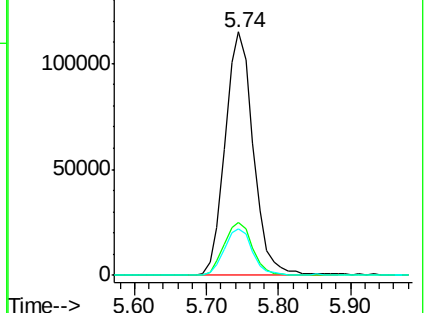
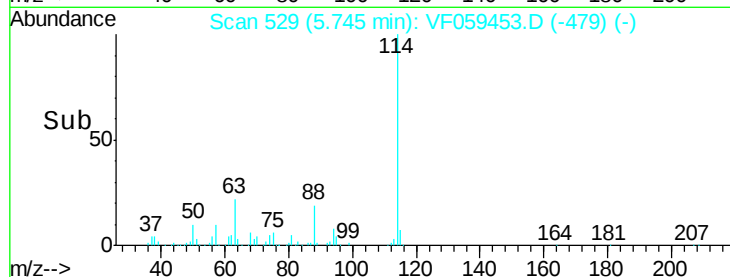
88 19.2 0.0 41.2



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: 53.95 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059453.D

Acq: 6 Jul 2018 16:55

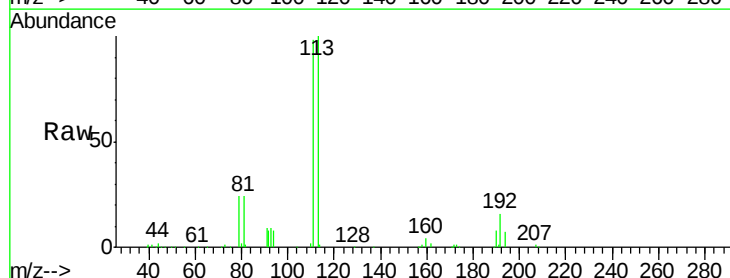
Tgt Ion:113 Resp: 123586

Ion Ratio Lower Upper

113 100

111 97.8 82.1 123.1

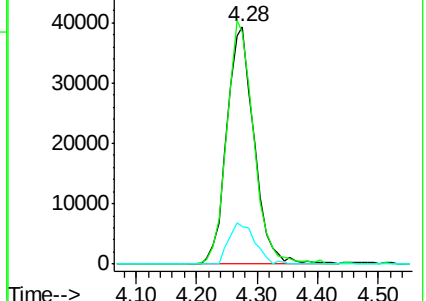
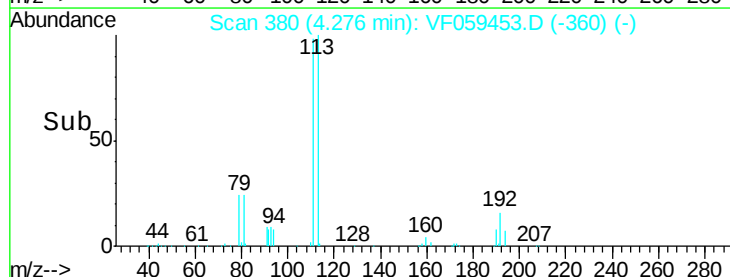
192 15.7 13.0 19.6

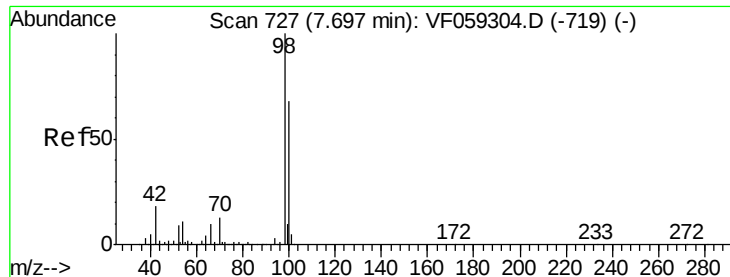


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 41.68 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.01 min

Lab File: VF059453.D

Acq: 6 Jul 2018 16:55

Instrument :

MSVOA_F

ClientSampleId :

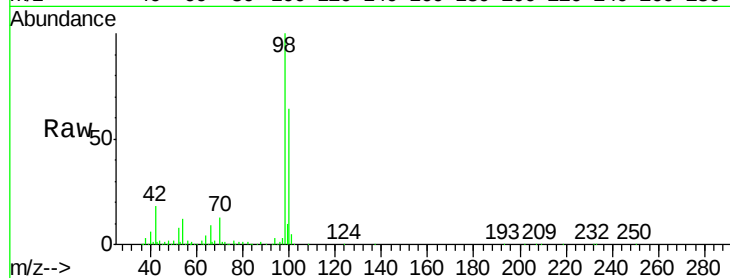
BU-03-070318

Tot Ion: 98 Resp: 236405

Ion Ratio Lower Upper

98 100

100 64.4 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.69

120000

100000

80000

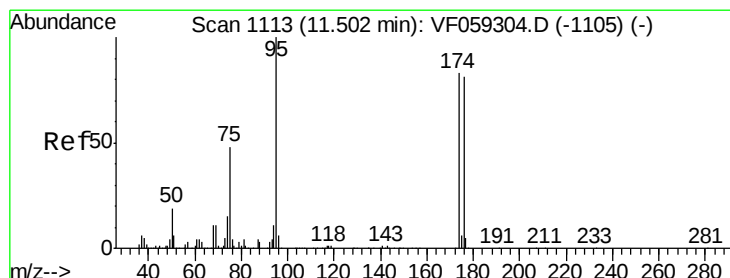
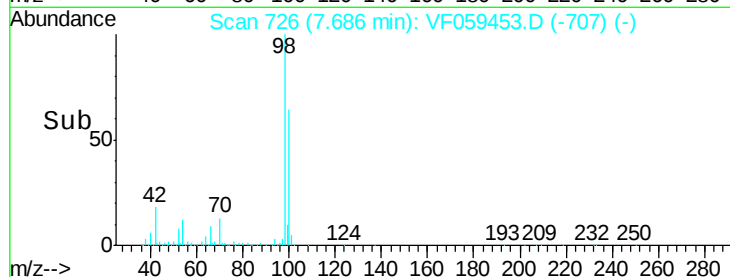
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 30.42 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059453.D

Acq: 6 Jul 2018 16:55

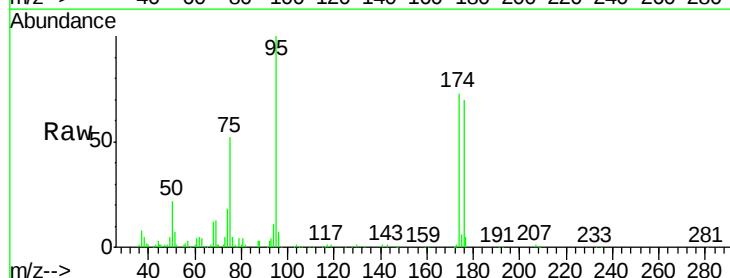
Tgt Ion: 95 Resp: 97317

Ion Ratio Lower Upper

95 100

174 73.4 0.0 165.2

176 69.9 0.0 161.0



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

11.49

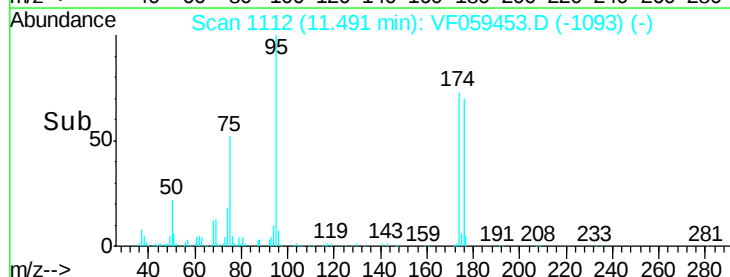
60000

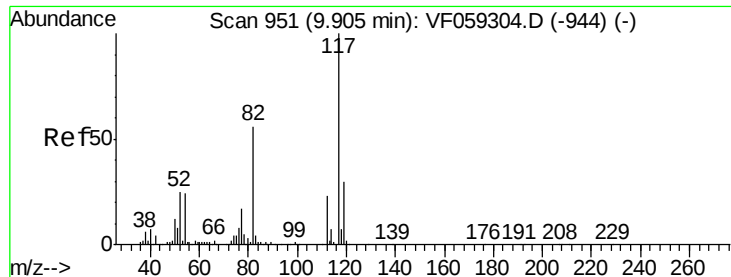
40000

20000

0

Time-->

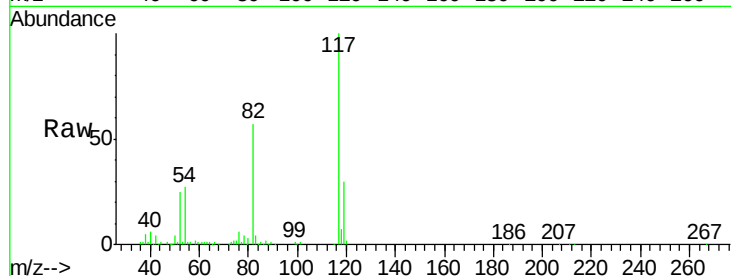




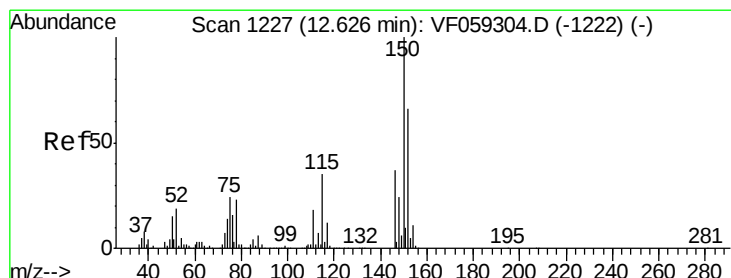
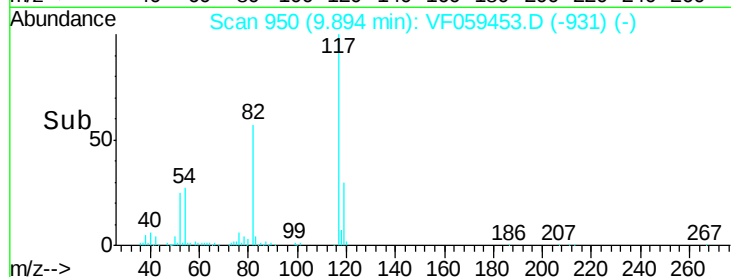
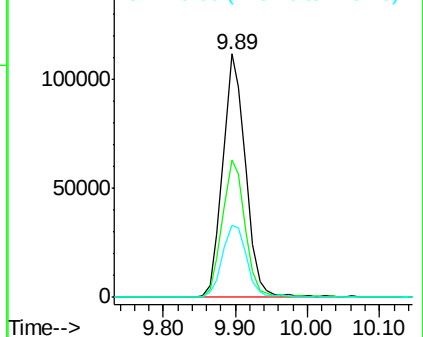
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059453.D
Acq: 6 Jul 2018 16:55

Instrument :
MSVOA_F
ClientSampleId :
BU-03-070318

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.6	66.8
119	29.6	24.1	36.1

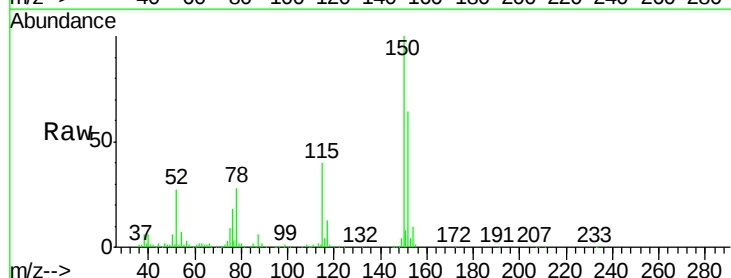


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059453.D
Acq: 6 Jul 2018 16:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	27.1	81.3
150	155.2	0.0	305.2



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

