

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
 Data File : VF059447.D
 Acq On : 5 Jul 2018 21:18
 Operator : VA/AP
 Sample : J3855-03
 Misc : 6.02g/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-10(6-6.5)

Quant Time: Jul 06 08:51:38 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	5.01	168	194770	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.73	114	299063	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	304892	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	202763	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	153303	60.92	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	121.84%	
35) Dibromofluoromethane	4.26	113	127628	58.41	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	116.82%	
50) Toluene-d8	7.67	98	267672	49.48	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.49	95	165220	54.14	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	108.28%	

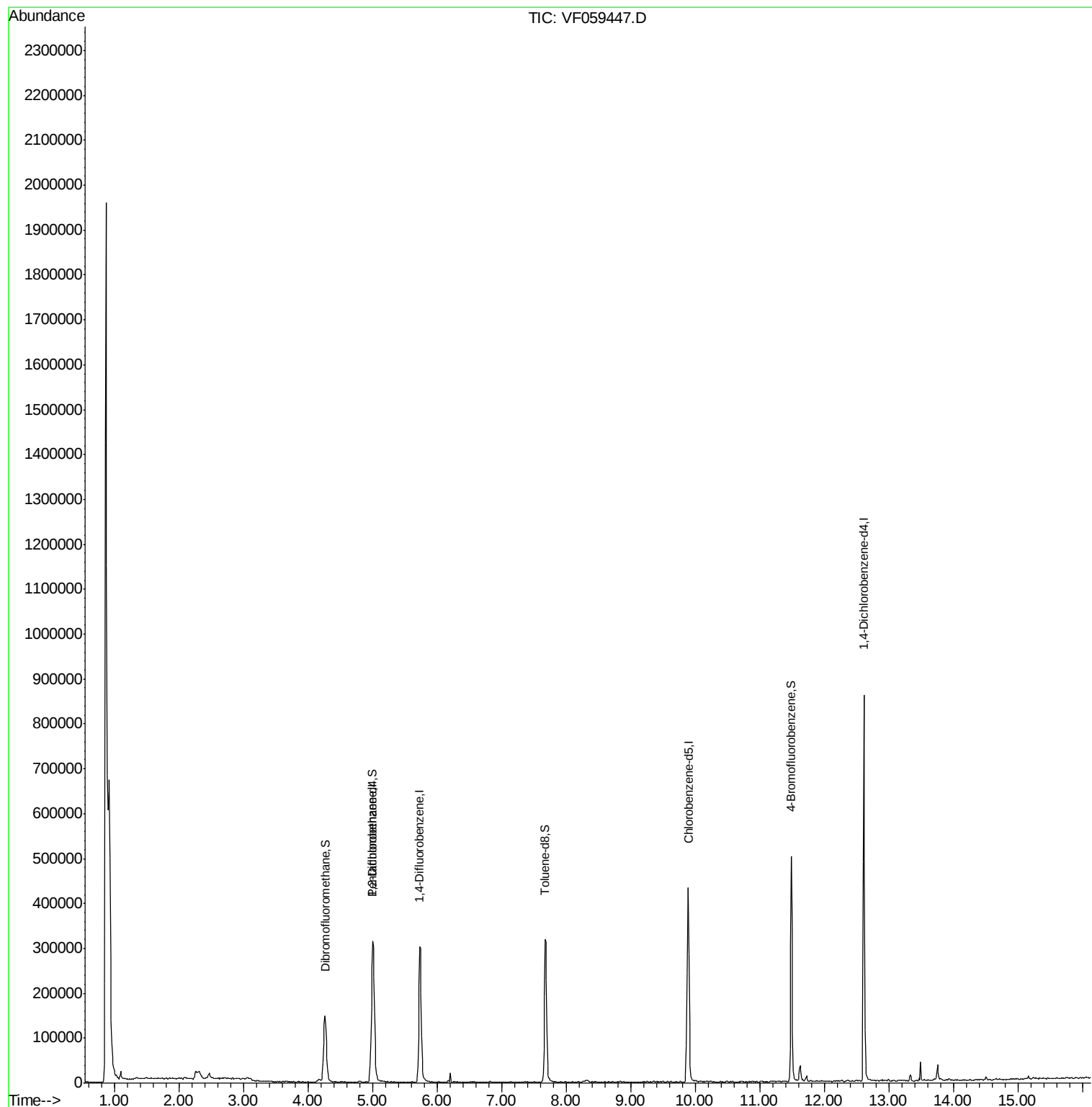
Target Compounds	Qvalue

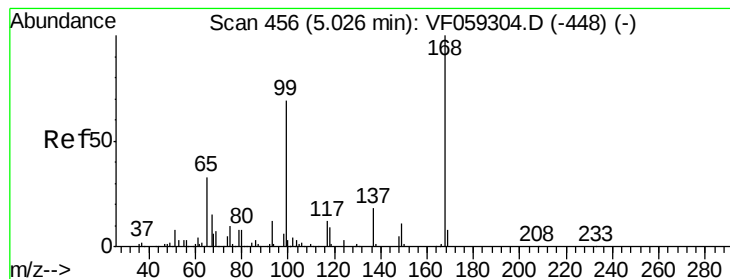
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

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Acq: 5 Jul 2018 21:18

Instrument :

MSVOA_F

ClientSampleId :

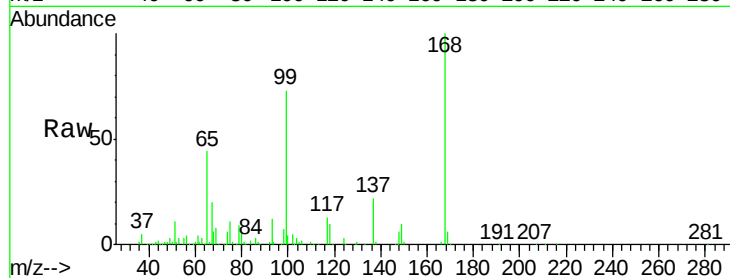
S-10(6-6.5)

Tot Ion:168 Resp: 194770

Ion Ratio Lower Upper

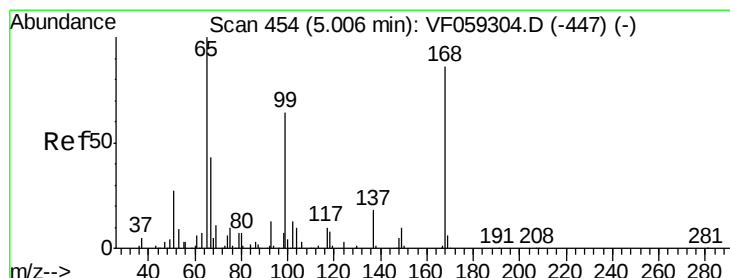
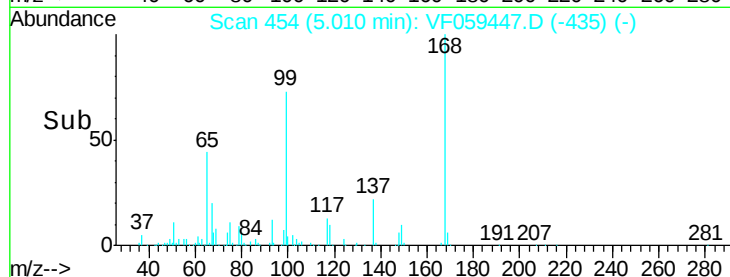
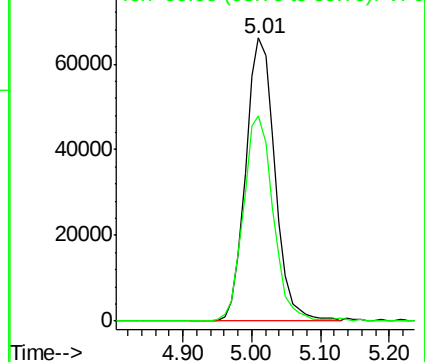
168 100

99 72.5 54.9 82.3



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: 60.921 ug/l

RT: 4.99 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059447.D

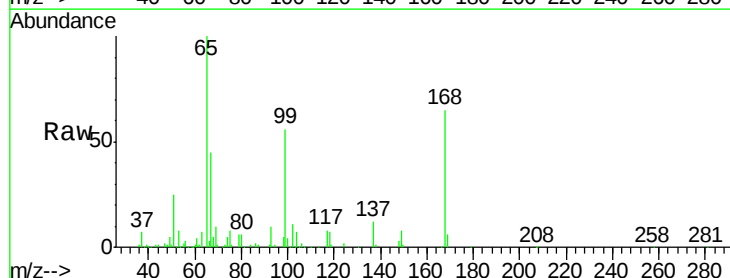
Acq: 5 Jul 2018 21:18

Tgt Ion: 65 Resp: 153303

Ion Ratio Lower Upper

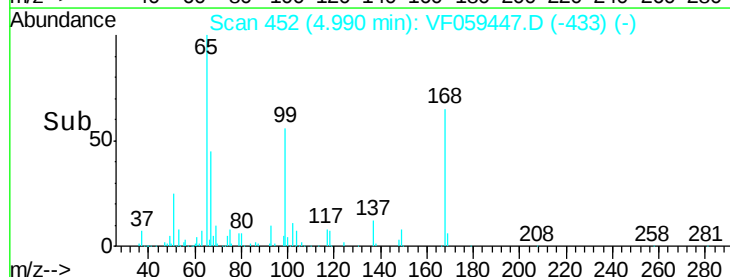
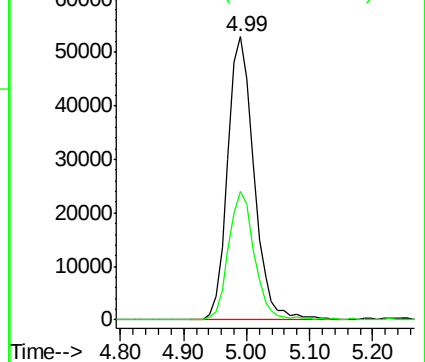
65 100

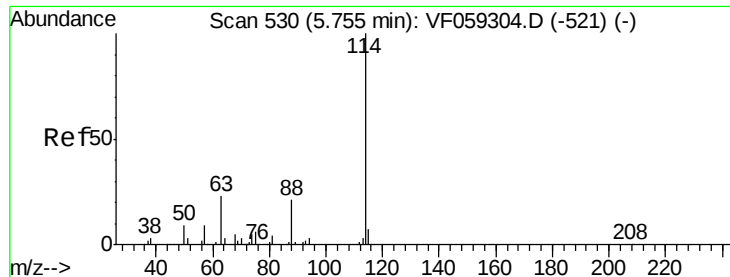
67 45.3 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.73 min Scan# 527

Delta R.T. -0.03 min

Lab File: VF059447.D

Acq: 5 Jul 2018 21:18

Instrument :

MSVOA_F

ClientSampleId :

S-10(6-6.5)

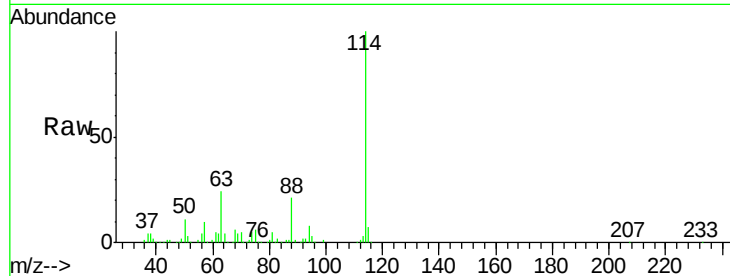
Tot Ion:114 Resp: 299063

Ion Ratio Lower Upper

114 100

63 24.2 0.0 45.8

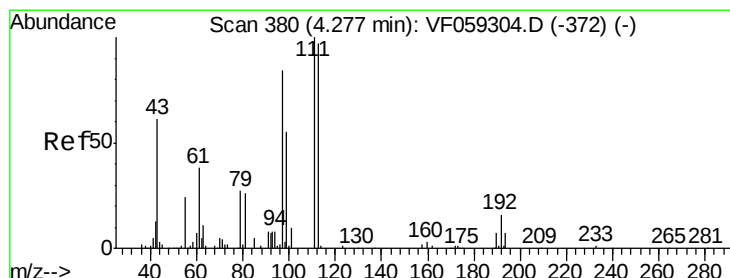
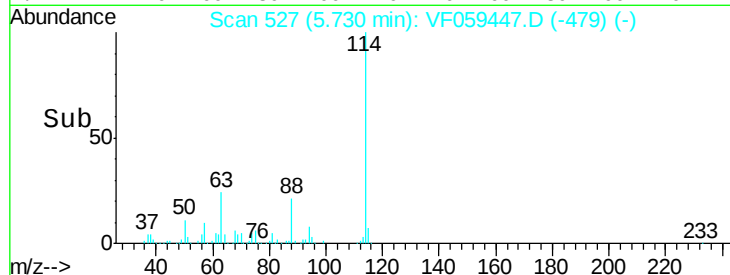
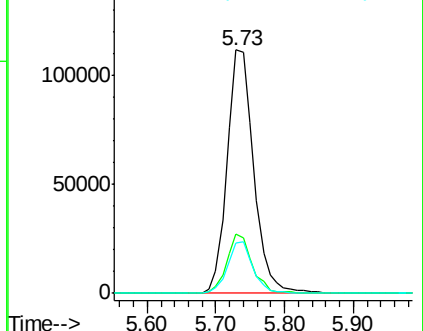
88 20.5 0.0 41.2



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: 58.407 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.02 min

Lab File: VF059447.D

Acq: 5 Jul 2018 21:18

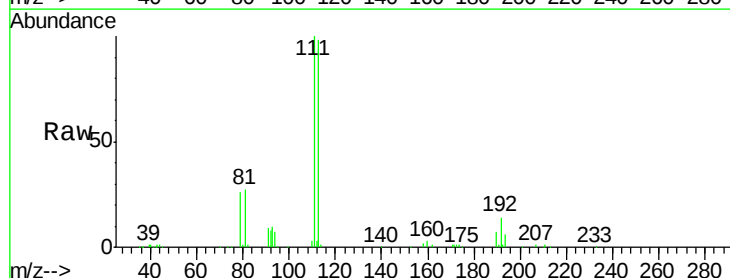
Tgt Ion:113 Resp: 127628

Ion Ratio Lower Upper

113 100

111 101.0 82.1 123.1

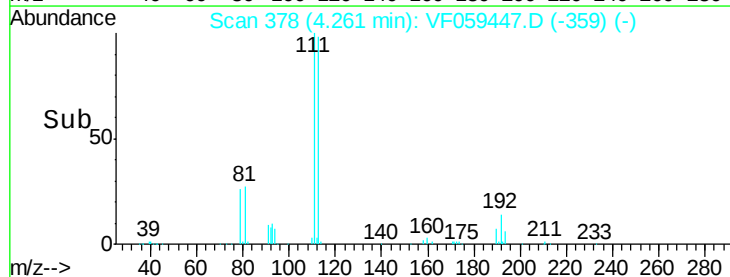
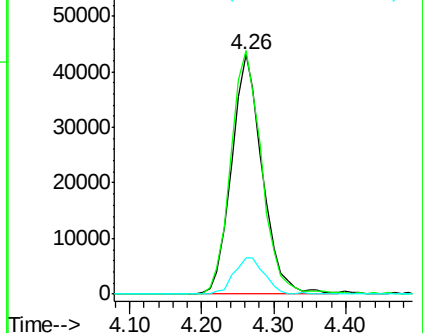
192 15.2 13.0 19.6



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: 49.475 ug/l

RT: 7.67 min Scan# 724

Delta R.T. -0.03 min

Lab File: VF059447.D

Acq: 5 Jul 2018 21:18

Instrument :

MSVOA_F

ClientSampleId :

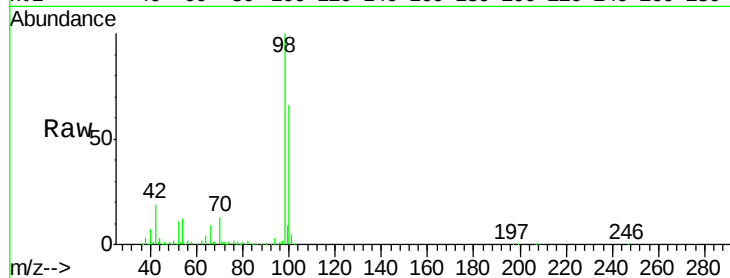
S-10(6-6.5)

Tot Ion: 98 Resp: 267672

Ion Ratio Lower Upper

98 100

100 65.7 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.67

120000

100000

80000

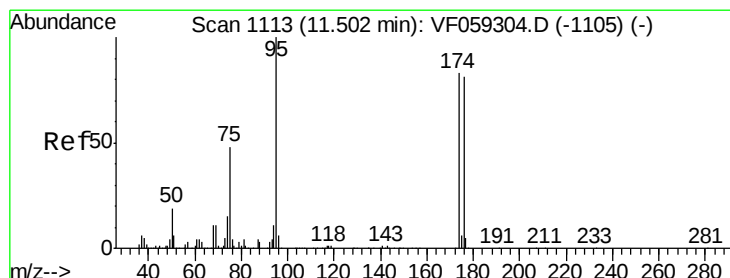
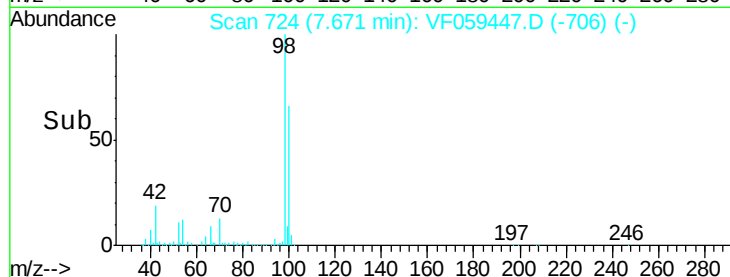
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.137 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF059447.D

Acq: 5 Jul 2018 21:18

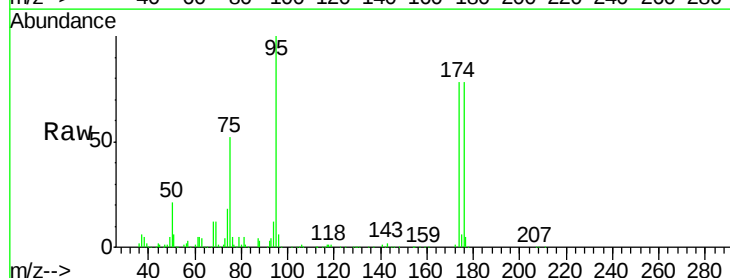
Tgt Ion: 95 Resp: 165220

Ion Ratio Lower Upper

95 100

174 77.9 0.0 165.2

176 77.6 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

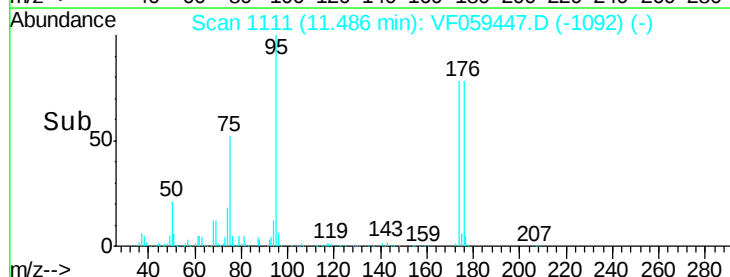
11.49

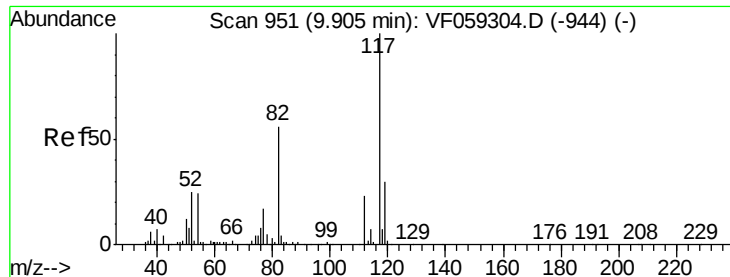
100000

50000

0

Time-->

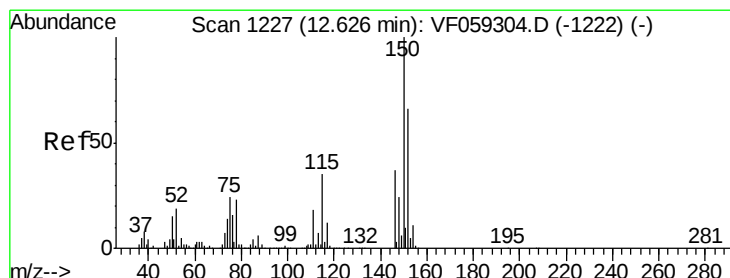
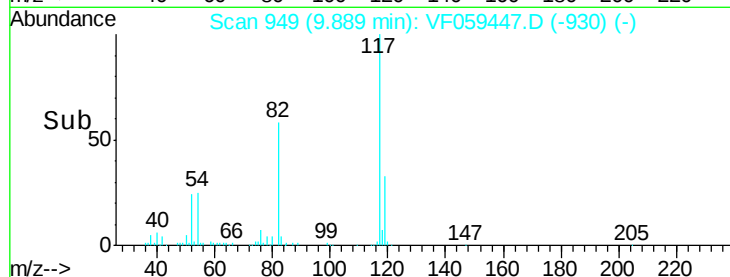
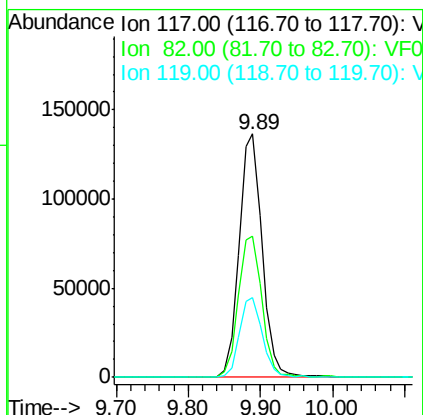
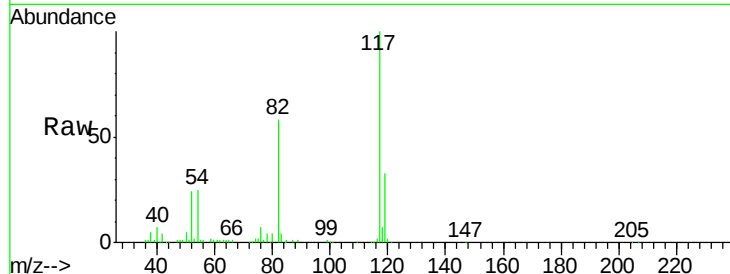




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059447.D
Acq: 5 Jul 2018 21:18

Instrument :
MSVOA_F
ClientSampleId :
S-10(6-6.5)

Tot Ion:117 Resp: 304892
Ion Ratio Lower Upper
117 100
82 58.0 44.6 66.8
119 32.8 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF059447.D
Acq: 5 Jul 2018 21:18

Tgt Ion:152 Resp: 202763
Ion Ratio Lower Upper
152 100
115 59.8 27.1 81.3
150 152.5 0.0 305.2

