

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\
 Data File : VF059450.D
 Acq On : 6 Jul 2018 15:24
 Operator : VA/AP
 Sample : VF0706SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0706SBL01

Quant Time: Jul 07 03:18:23 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	284313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	409233	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	407562	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	279371	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	165135	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	
35) Dibromofluoromethane	4.26	113	143581	48.02	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	7.68	98	315437	42.61	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	85.22%	
62) 4-Bromofluorobenzene	11.50	95	193127	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	

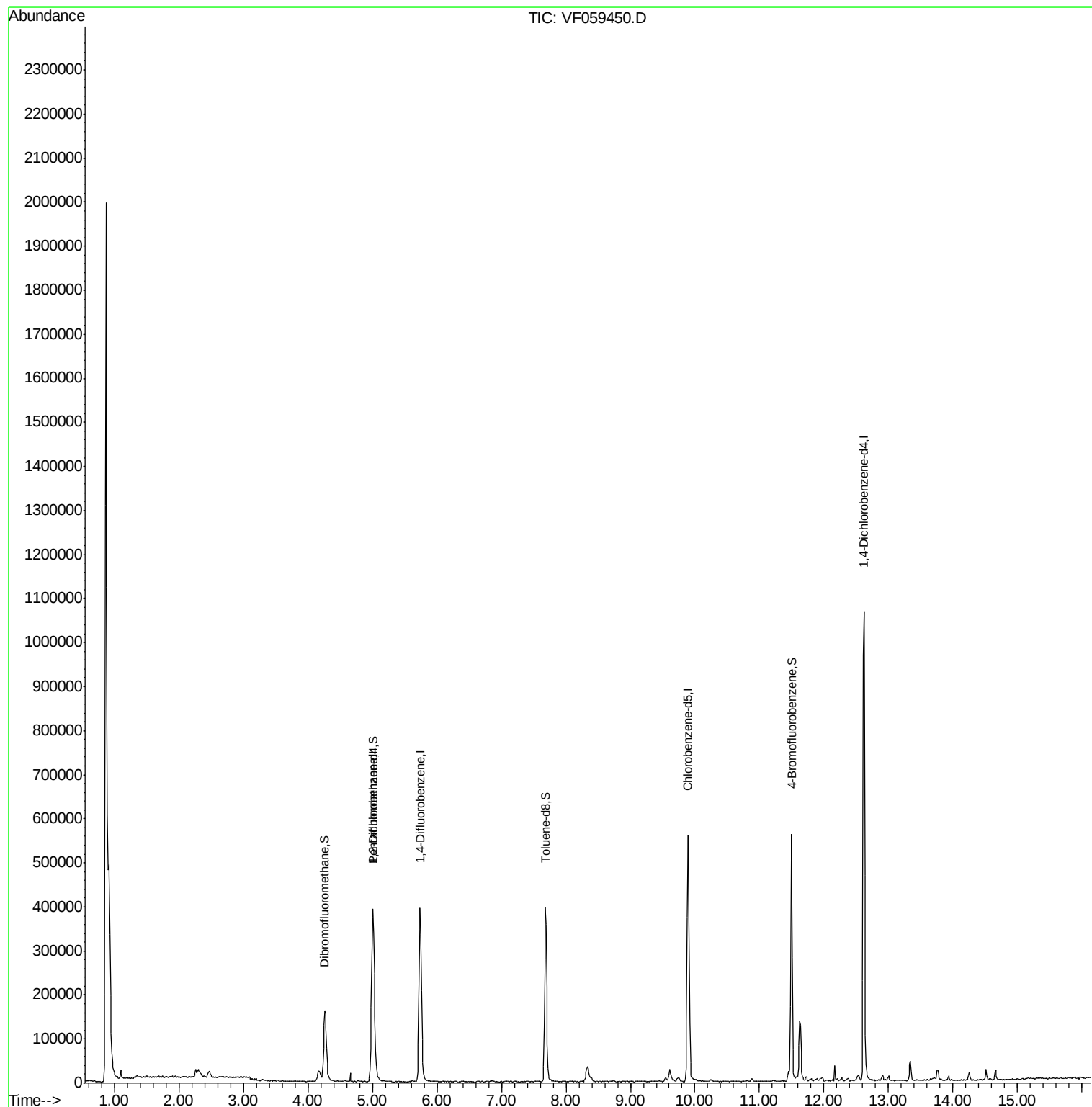
Target Compounds	Qvalue

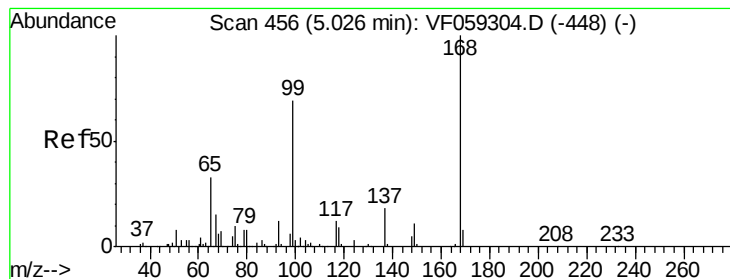
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 455

Delta R.T. -0.01 min

Lab File: VF059450.D

Acq: 6 Jul 2018 15:24

Instrument :

MSVOA_F

ClientSampleId :

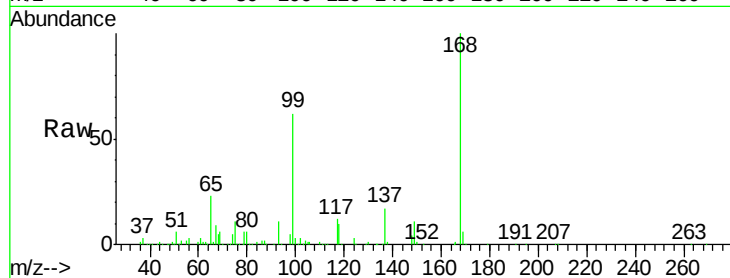
VF0706SBL01

Tot Ion:168 Resp: 284313

Ion Ratio Lower Upper

168 100

99 62.0 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

100000

80000

60000

40000

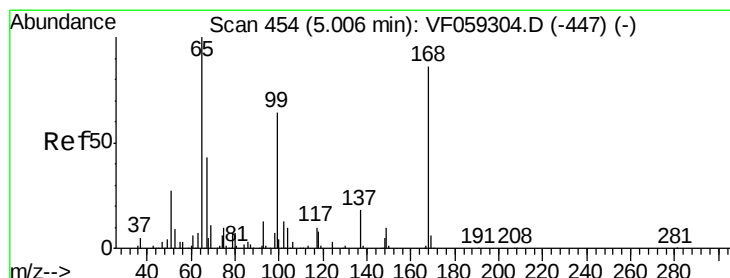
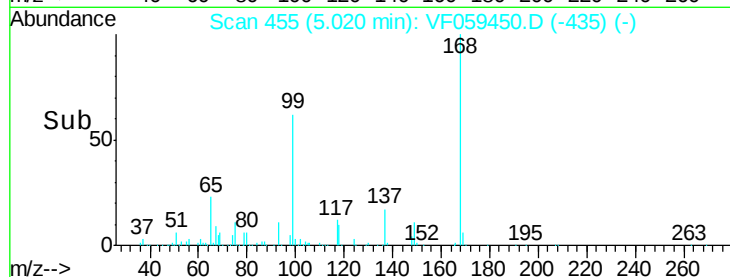
20000

0

5.02

4.80 4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.96 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059450.D

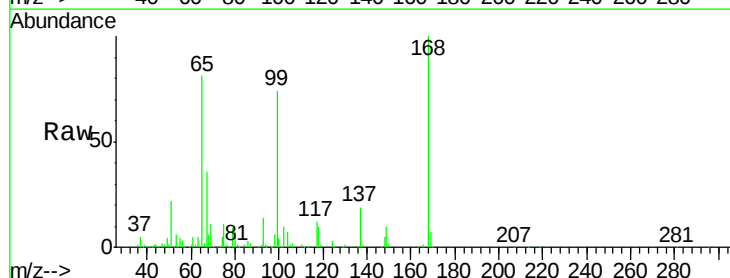
Acq: 6 Jul 2018 15:24

Tgt Ion: 65 Resp: 165135

Ion Ratio Lower Upper

65 100

67 44.1 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

60000

50000

40000

30000

20000

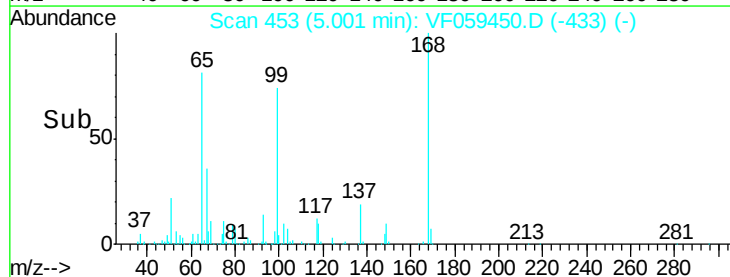
10000

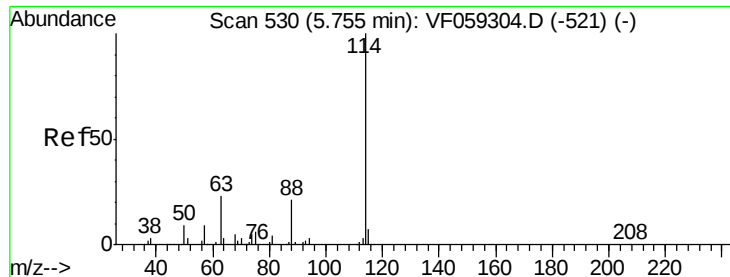
0

5.00

4.90 5.00 5.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 528

Delta R.T. -0.02 min

Lab File: VF059450.D

Acq: 6 Jul 2018 15:24

Instrument :

MSVOA_F

ClientSampleId :

VF0706SBL01

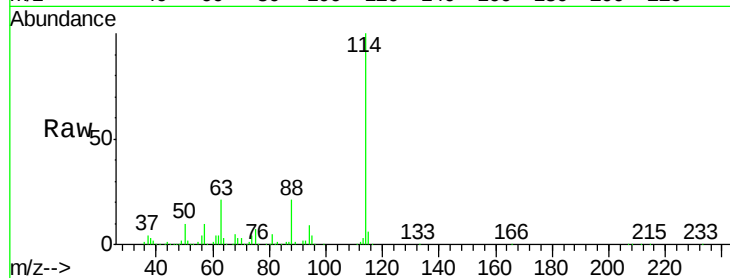
Tot Ion:114 Resp: 409233

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.8

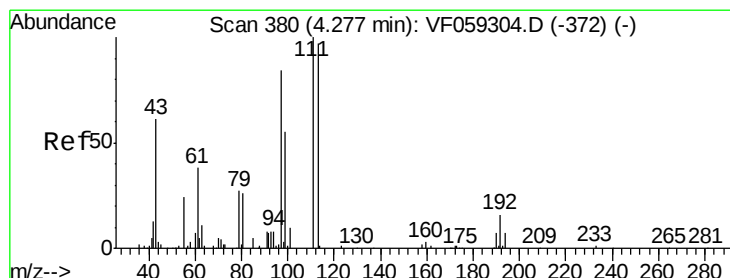
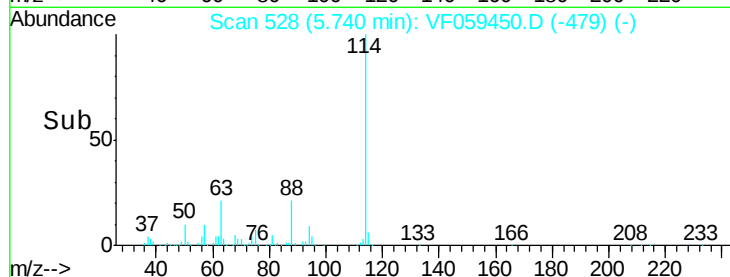
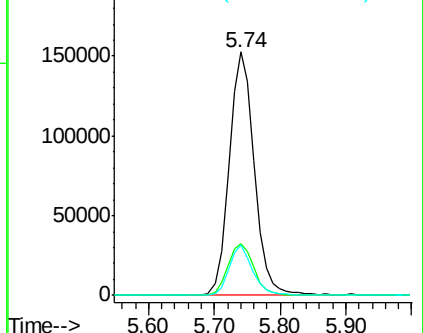
88 20.8 0.0 41.2



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: 48.02 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.02 min

Lab File: VF059450.D

Acq: 6 Jul 2018 15:24

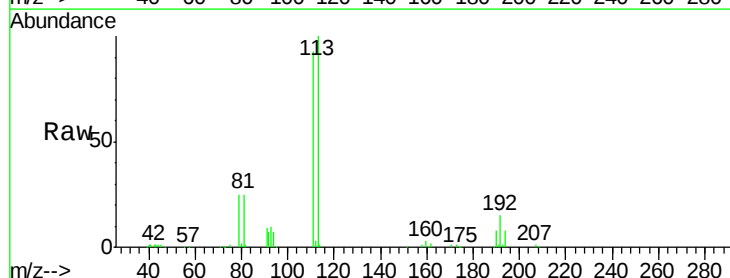
Tgt Ion:113 Resp: 143581

Ion Ratio Lower Upper

113 100

111 93.1 82.1 123.1

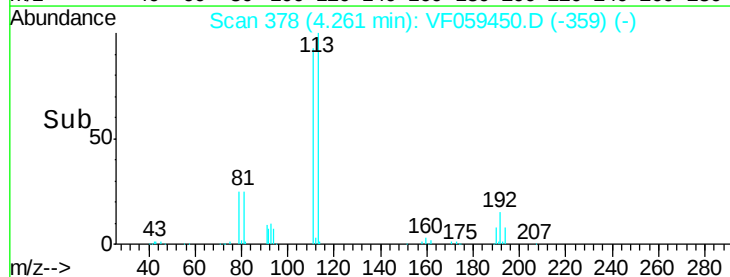
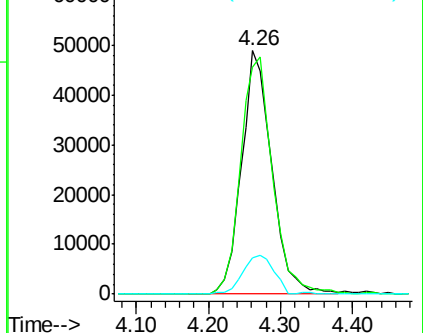
192 15.0 13.0 19.6

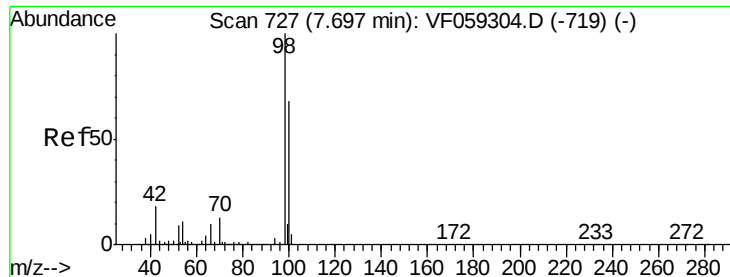


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 42.61 ug/l

RT: 7.68 min Scan# 725

Delta R.T. -0.02 min

Lab File: VF059450.D

Acq: 6 Jul 2018 15:24

Instrument :

MSVOA_F

ClientSampleId :

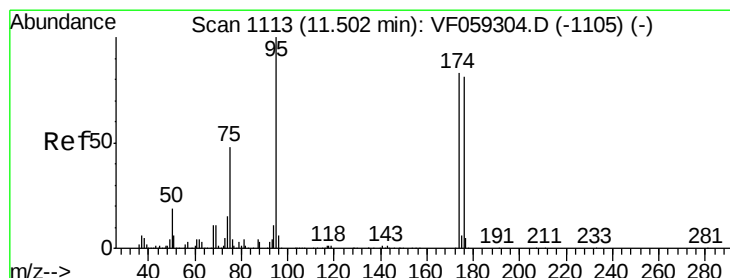
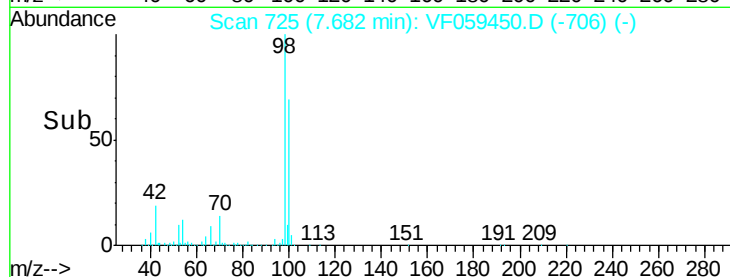
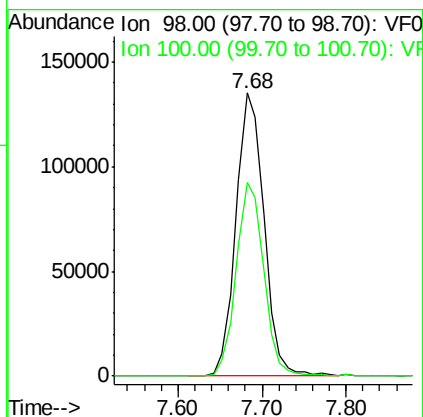
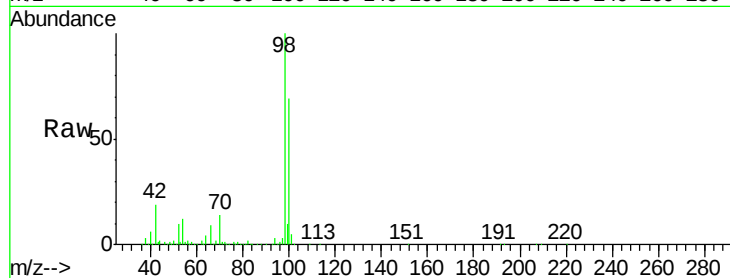
VF0706SBL01

Tot Ion: 98 Resp: 315437

Ion Ratio Lower Upper

98 100

100 68.7 54.6 82.0



#62

4-Bromofluorobenzene

Concen: 46.25 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059450.D

Acq: 6 Jul 2018 15:24

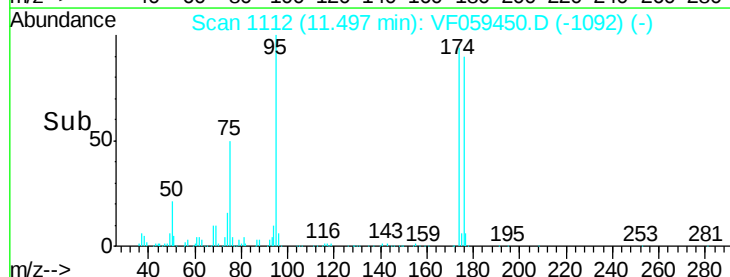
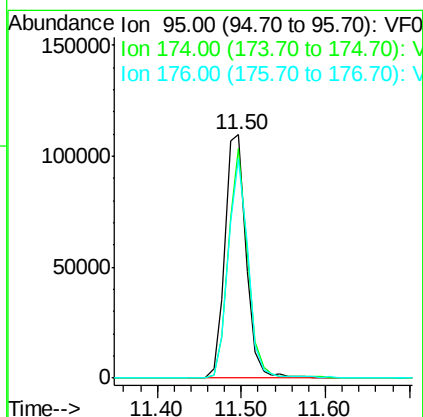
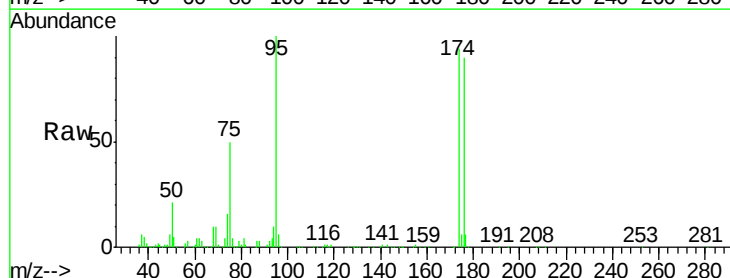
Tgt Ion: 95 Resp: 193127

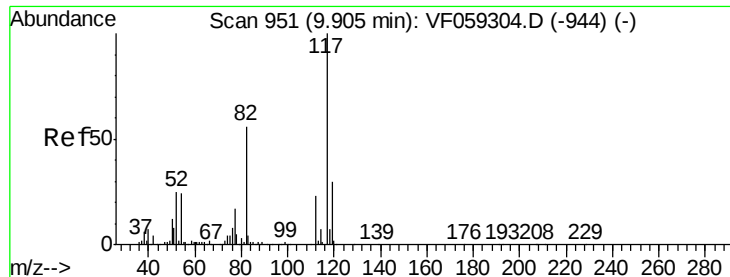
Ion Ratio Lower Upper

95 100

174 94.2 0.0 165.2

176 90.1 0.0 161.0

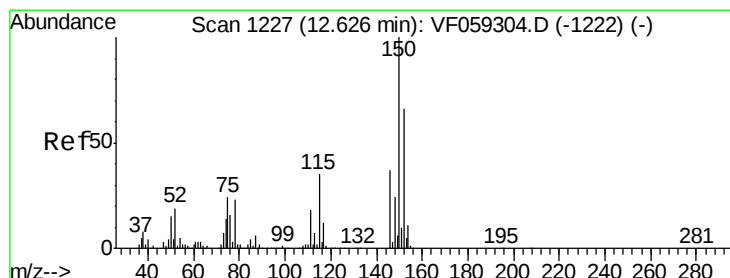
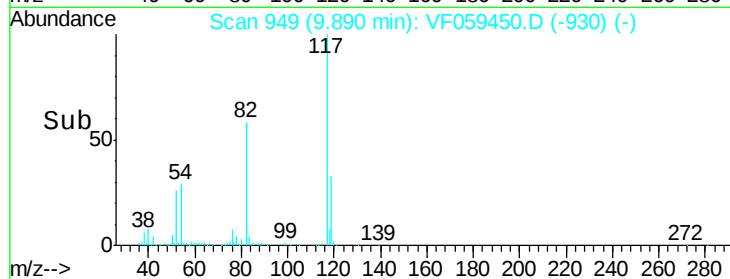
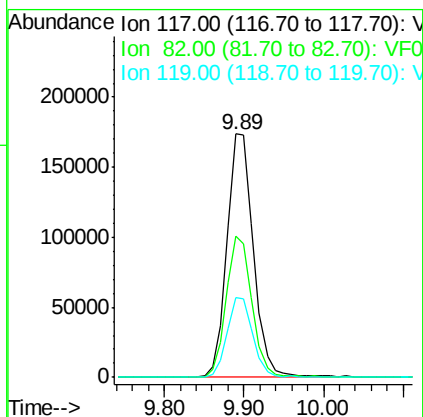
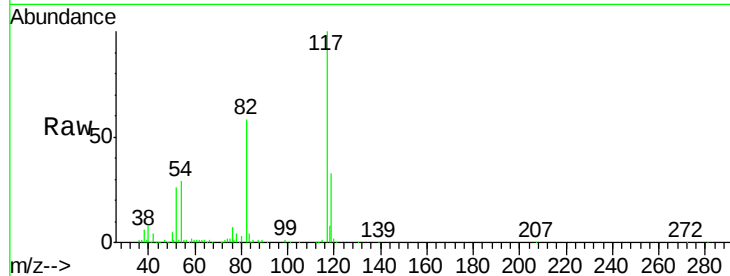




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059450.D
Acq: 6 Jul 2018 15:24

Instrument :
MSVOA_F
ClientSampleId :
VF0706SBL01

Tot Ion:117 Resp: 407562
Ion Ratio Lower Upper
117 100
82 57.8 44.6 66.8
119 32.6 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059450.D
Acq: 6 Jul 2018 15:24

Tgt Ion:152 Resp: 279371
Ion Ratio Lower Upper
152 100
115 58.5 27.1 81.3
150 155.9 0.0 305.2

