

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
 Data File : VF059428.D
 Acq On : 5 Jul 2018 12:22
 Operator : VA/AP
 Sample : VF0705SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0705SBL01

Quant Time: Jul 06 05:27:58 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	5.00	168	277022	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.72	114	423176	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.88	117	413508	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	287112	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	176250	49.24	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	4.25	113	151250	48.92	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	7.68	98	322447	42.12	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	84.24%	
62) 4-Bromofluorobenzene	11.48	95	204874	47.44	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	94.88%	

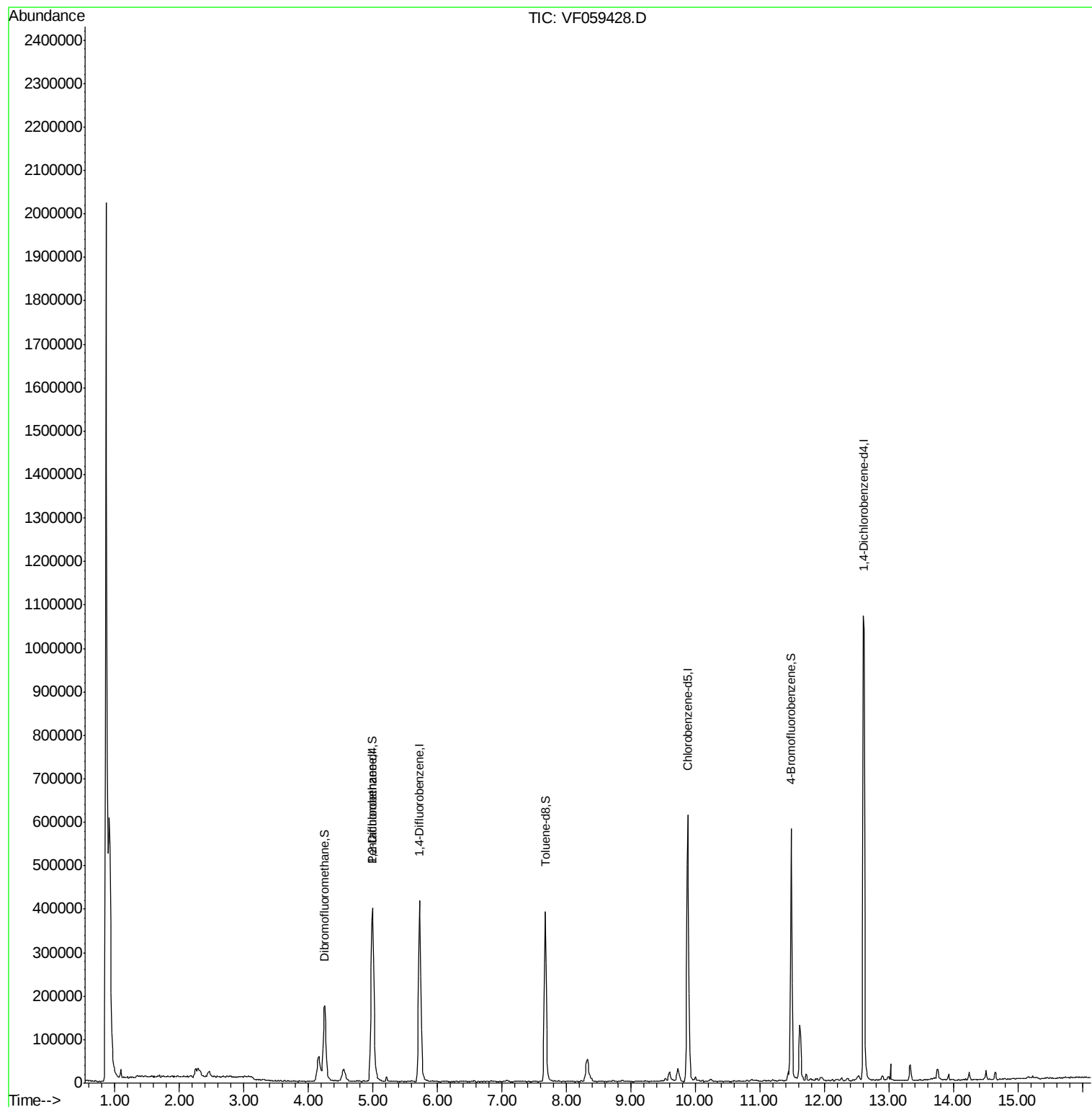
Target Compounds	Qvalue

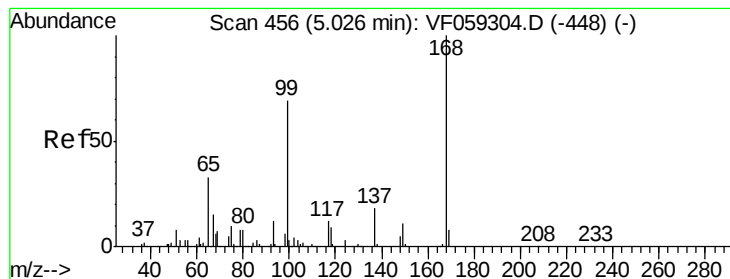
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070518\
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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059428.D

Acq: 5 Jul 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

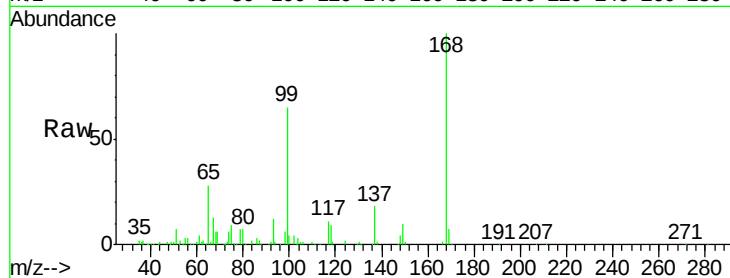
VF0705SBL01

Tot Ion:168 Resp: 277022

Ion Ratio Lower Upper

168 100

99 65.5 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.00

100000

80000

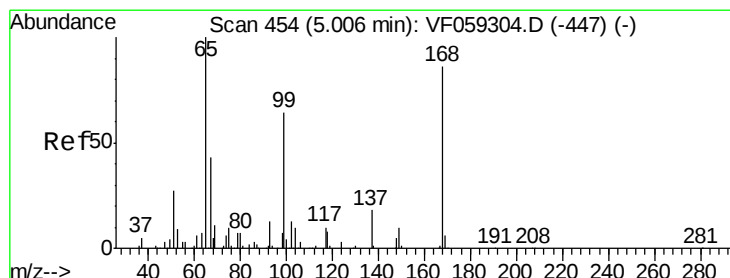
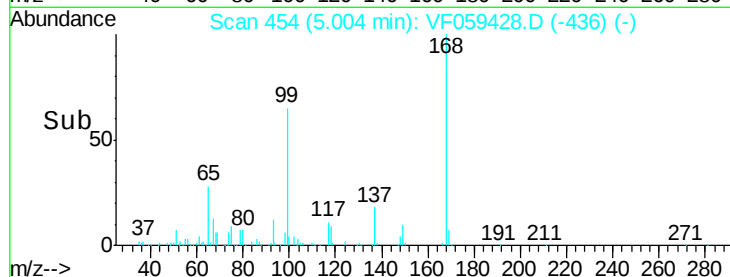
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.244 ug/l

RT: 4.98 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059428.D

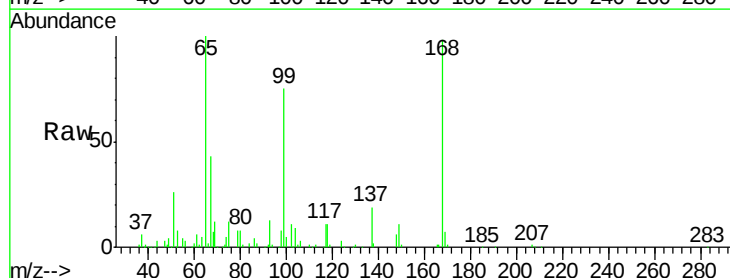
Acq: 5 Jul 2018 12:22

Tgt Ion: 65 Resp: 176250

Ion Ratio Lower Upper

65 100

67 43.0 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.98

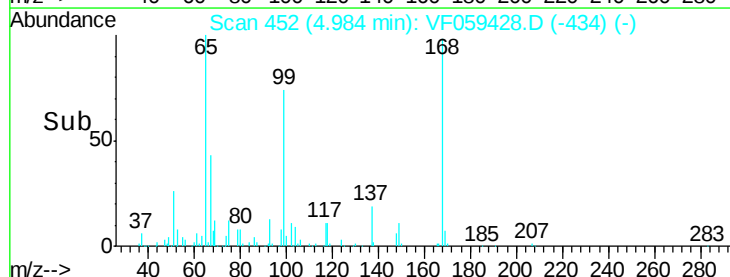
60000

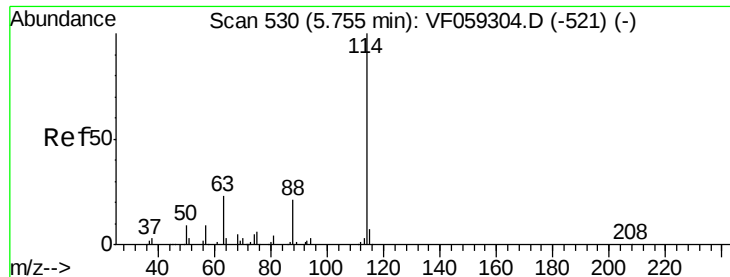
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.72 min Scan# 527

Delta R.T. -0.03 min

Lab File: VF059428.D

Acq: 5 Jul 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF0705SBL01

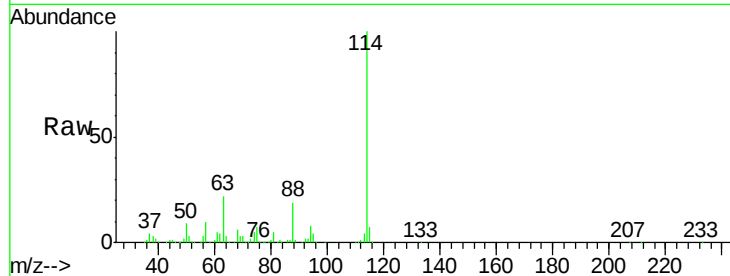
Tot Ion:114 Resp: 423176

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.8

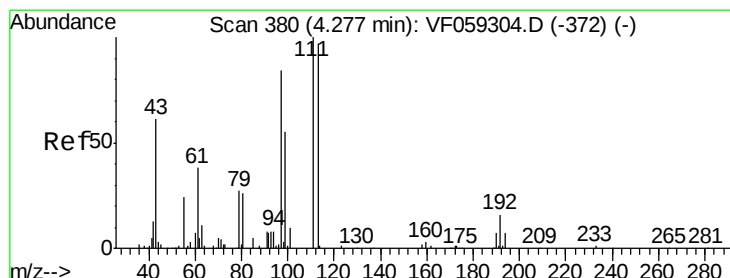
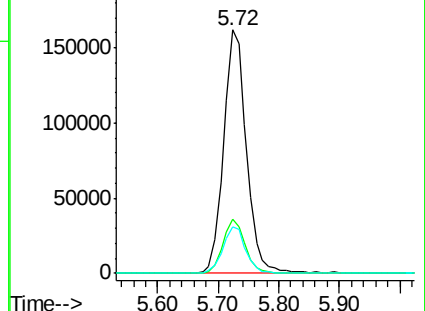
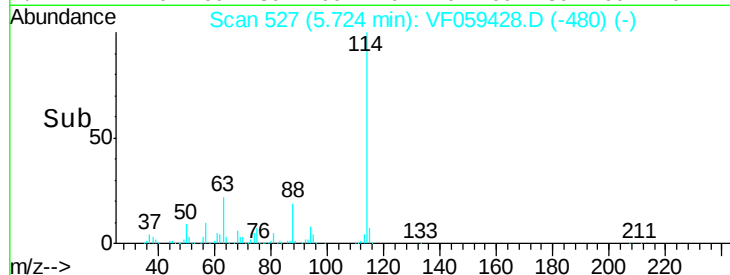
88 19.3 0.0 41.2



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: 48.916 ug/l

RT: 4.25 min Scan# 378

Delta R.T. -0.02 min

Lab File: VF059428.D

Acq: 5 Jul 2018 12:22

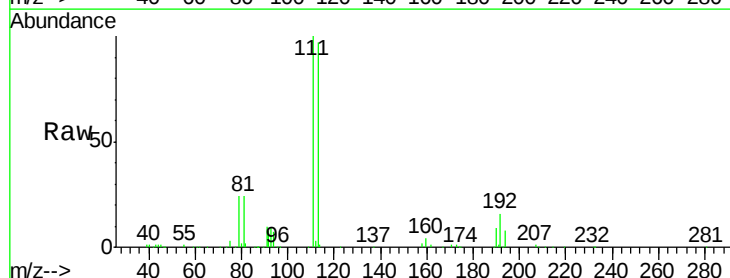
Tgt Ion:113 Resp: 151250

Ion Ratio Lower Upper

113 100

111 102.7 82.1 123.1

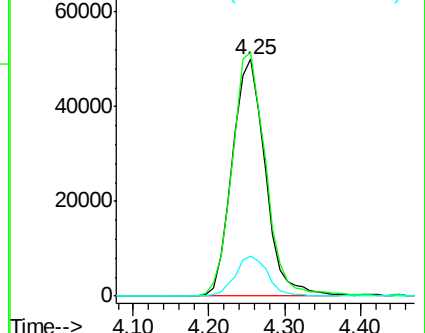
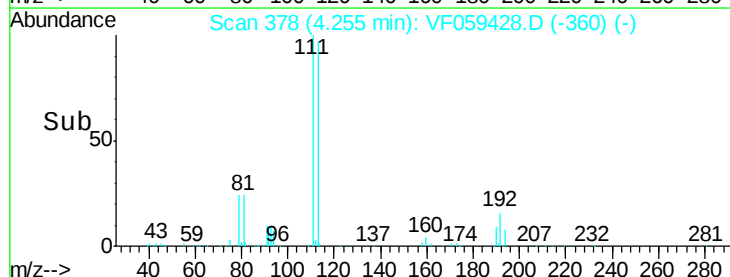
192 16.9 13.0 19.6



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: 42.120 ug/l

RT: 7.68 min Scan# 725

Delta R.T. -0.02 min

Lab File: VF059428.D

Acq: 5 Jul 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

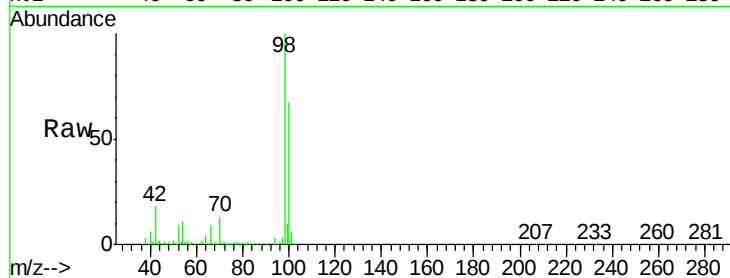
VF0705SBL01

Tot Ion: 98 Resp: 322447

Ion Ratio Lower Upper

98 100

100 66.6 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.68

150000

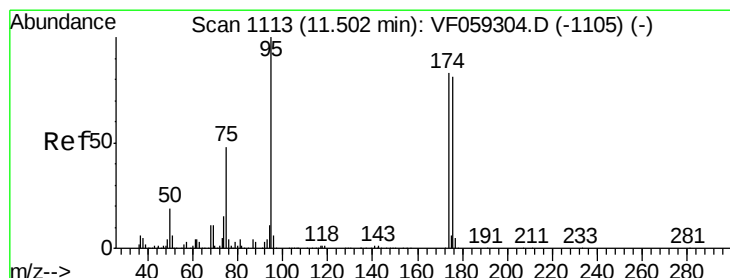
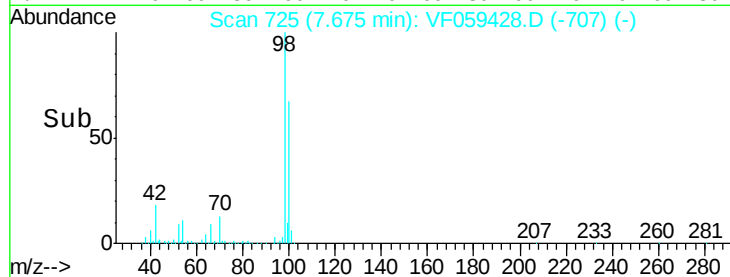
100000

50000

0

7.60 7.70 7.80

Time-->



#62

4-Bromofluorobenzene

Concen: 47.442 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF059428.D

Acq: 5 Jul 2018 12:22

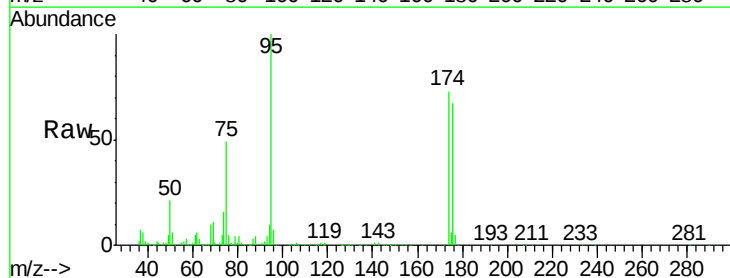
Tgt Ion: 95 Resp: 204874

Ion Ratio Lower Upper

95 100

174 72.5 0.0 165.2

176 66.9 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

11.48

150000

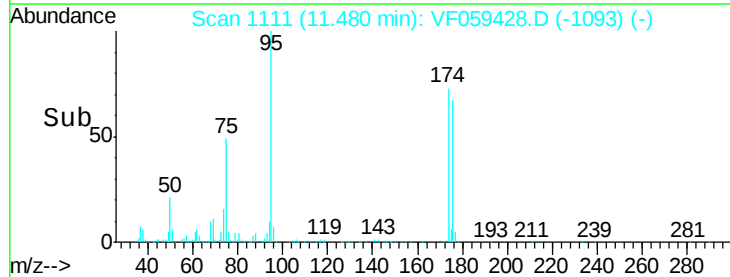
100000

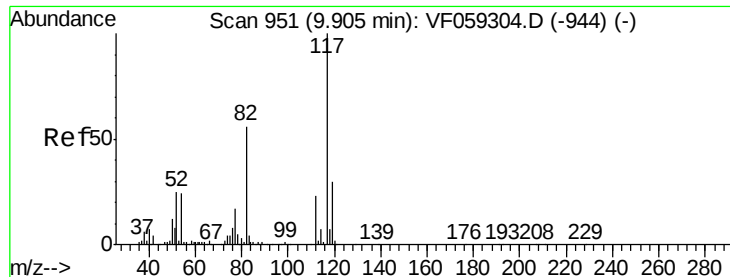
50000

0

11.40 11.50 11.60

Time-->

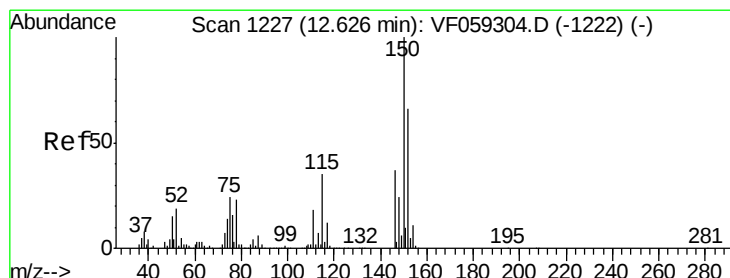
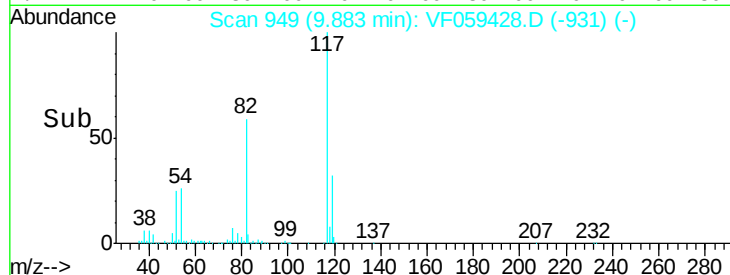
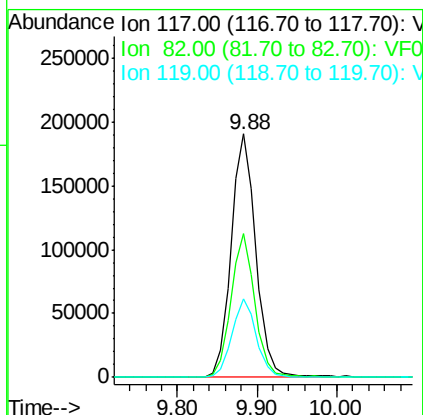
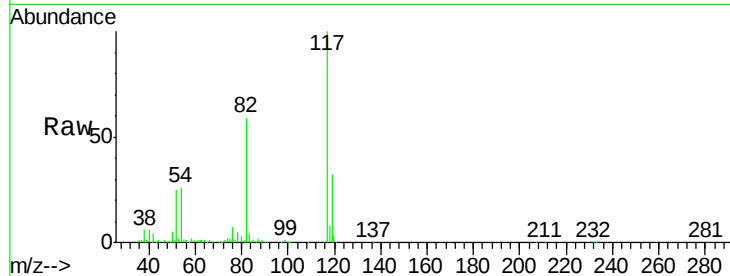




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.88 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059428.D
Acq: 5 Jul 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF0705SBL01

Tot Ion:117 Resp: 413508
Ion Ratio Lower Upper
117 100
82 59.3 44.6 66.8
119 32.4 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059428.D
Acq: 5 Jul 2018 12:22

Tgt Ion:152 Resp: 287112
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 156.4 0.0 305.2

