

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062918\
 Data File : VF059377.D
 Acq On : 29 Jun 2018 15:00
 Operator : VA/AP
 Sample : VF0629SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0629SBL01

Quant Time: Jun 30 00:00:36 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	304541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	486758	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	471984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	309509	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.99	65	171175	43.50	ug/l	-0.01
Spiked Amount				50.000		
Recovery						87.00%
35) Dibromofluoromethane	4.28	113	168159	47.28	ug/l	0.00
Spiked Amount				50.000		
Recovery						94.56%
50) Toluene-d8	7.70	98	391227	44.43	ug/l	0.00
Spiked Amount				50.000		
Recovery						88.86%
62) 4-Bromofluorobenzene	11.50	95	223131	44.92	ug/l	0.00
Spiked Amount				50.000		
Recovery						89.84%

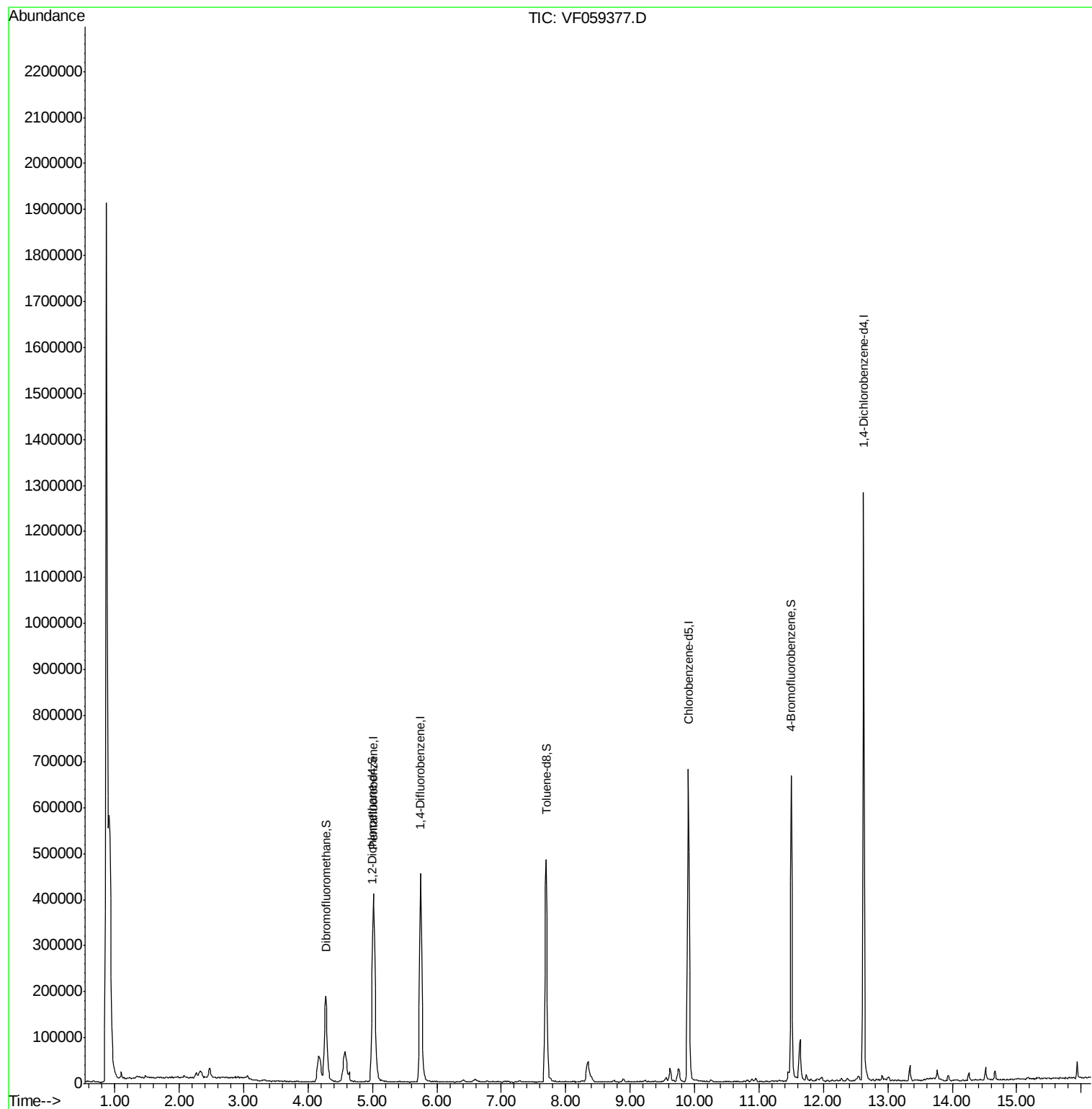
Target Compounds	Qvalue
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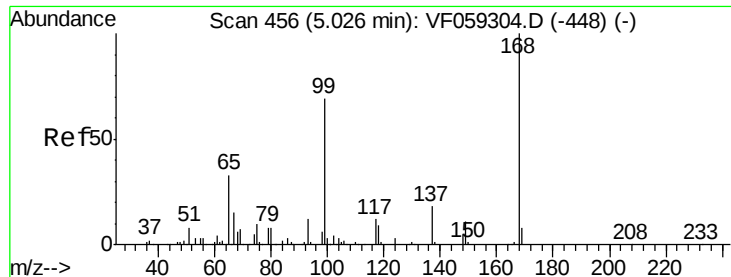
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062918\
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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: VF059377.D

Acq: 29 Jun 2018 15:00

Instrument :

MSVOA_F

ClientSampleId :

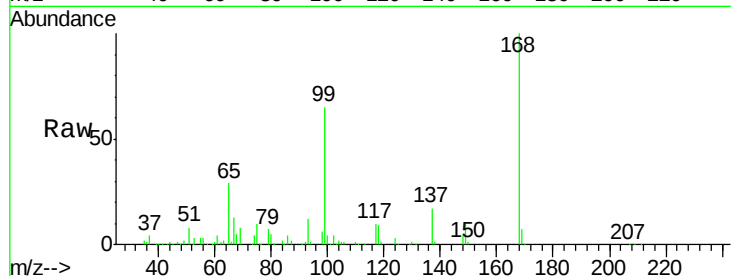
VF0629SBL01

Tot Ion:168 Resp: 304541

Ion Ratio Lower Upper

168 100

99 64.9 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

100000

80000

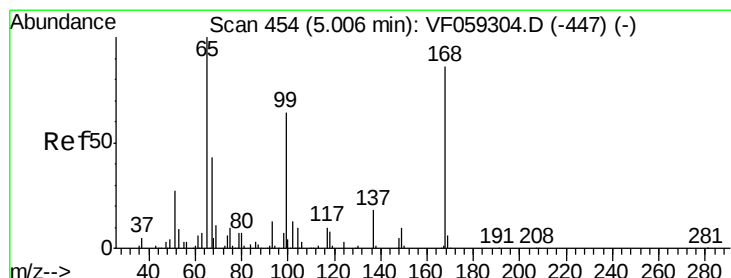
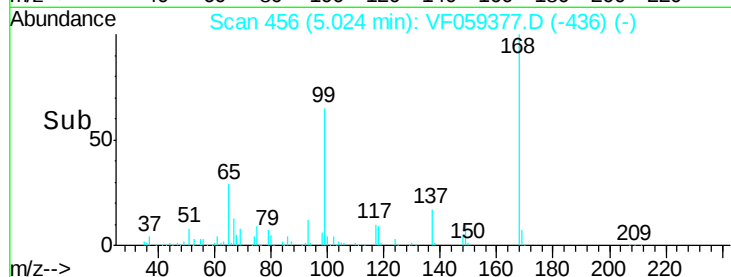
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.50 ug/l

RT: 4.99 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059377.D

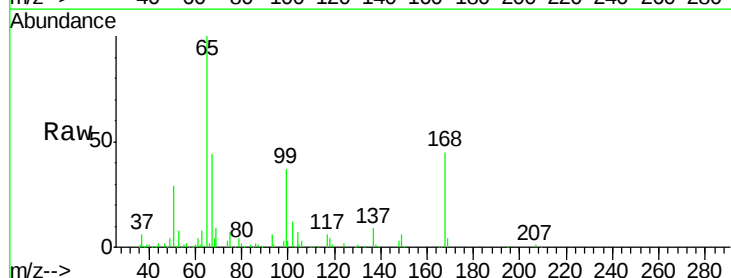
Acq: 29 Jun 2018 15:00

Tgt Ion: 65 Resp: 171175

Ion Ratio Lower Upper

65 100

67 44.2 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.99

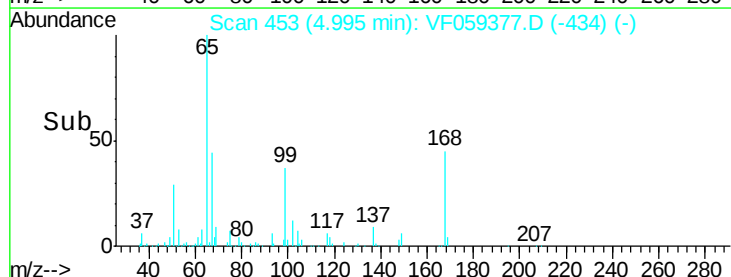
60000

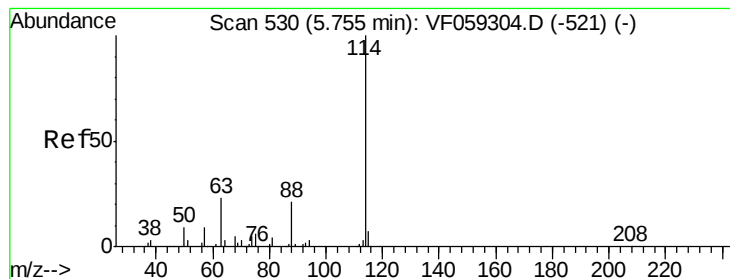
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059377.D

Acq: 29 Jun 2018 15:00

Instrument :

MSVOA_F

ClientSampleId :

VF0629SBL01

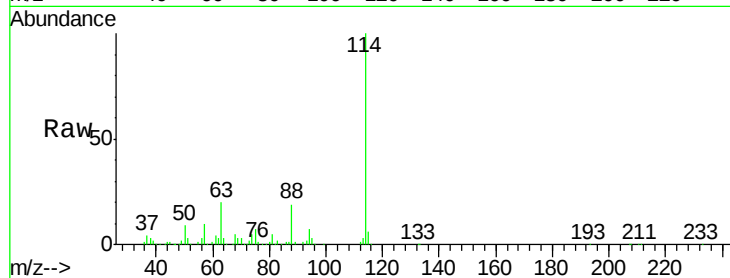
Tot Ion:114 Resp: 486758

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.8

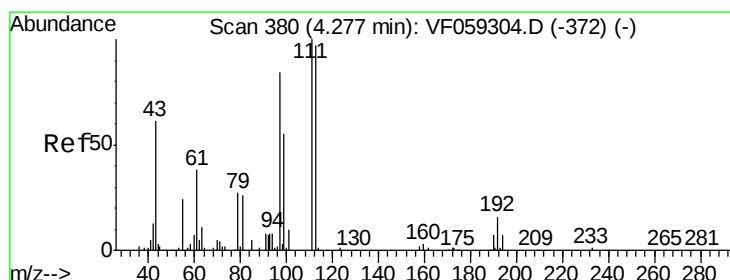
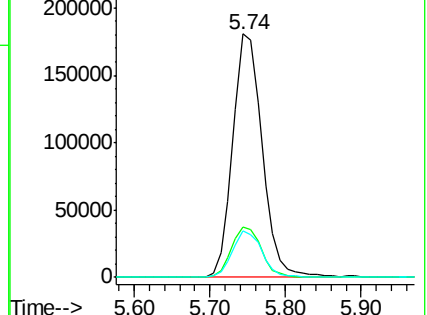
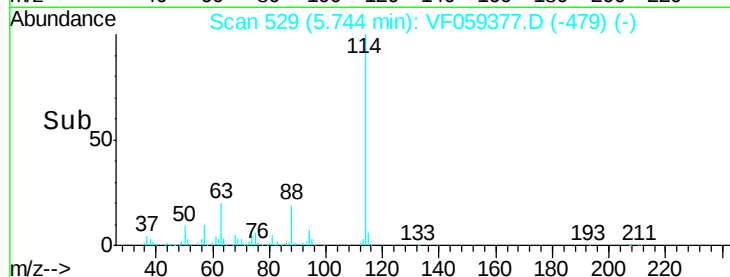
88 19.3 0.0 41.2



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: 47.28 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059377.D

Acq: 29 Jun 2018 15:00

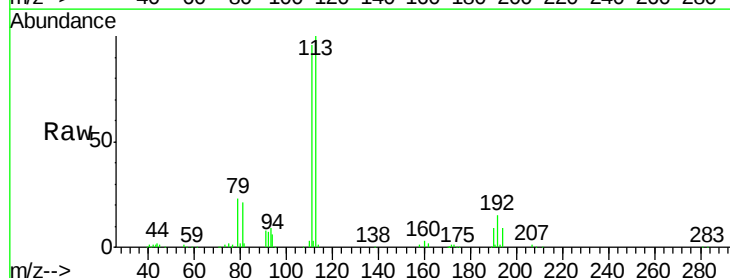
Tgt Ion:113 Resp: 168159

Ion Ratio Lower Upper

113 100

111 95.9 82.1 123.1

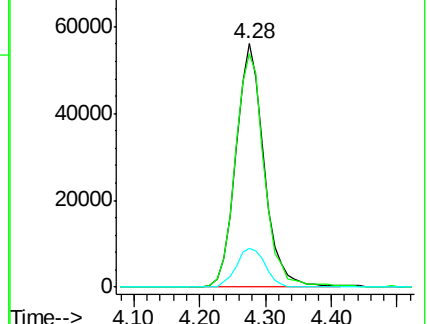
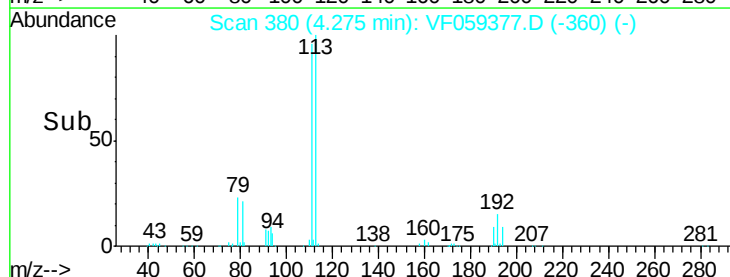
192 15.9 13.0 19.6

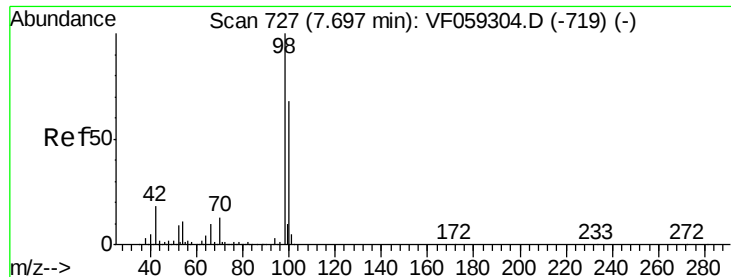


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

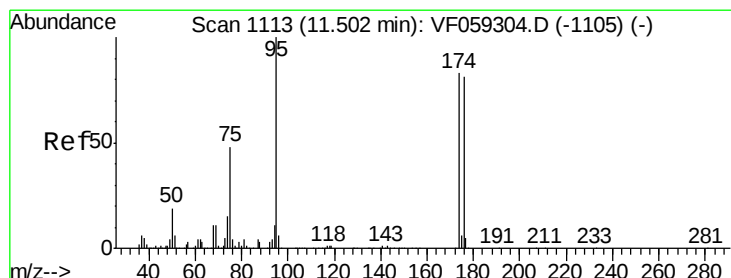
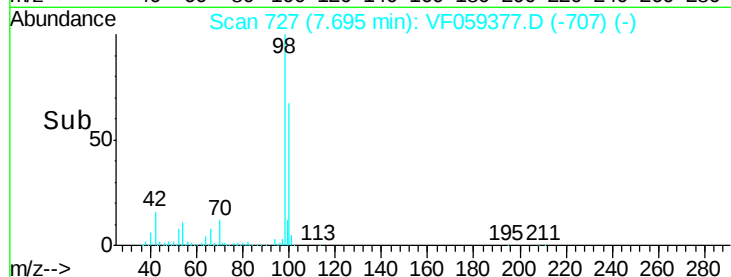
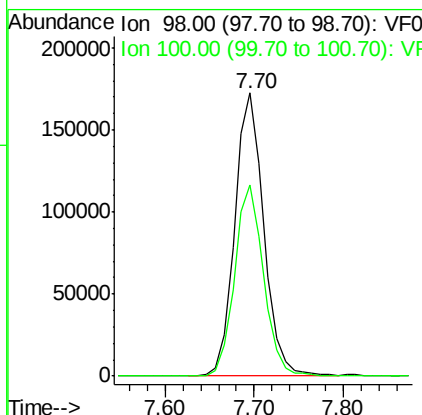
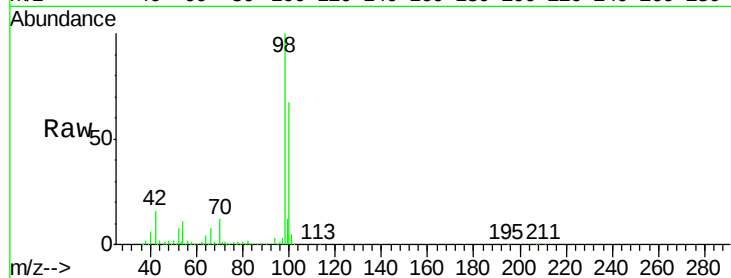




#50
Toluene-d8
Concen: 44.43 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059377.D
Acq: 29 Jun 2018 15:00

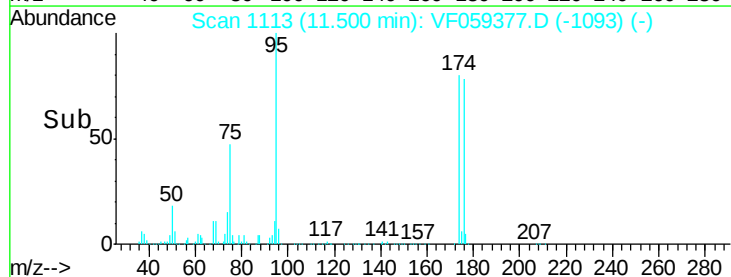
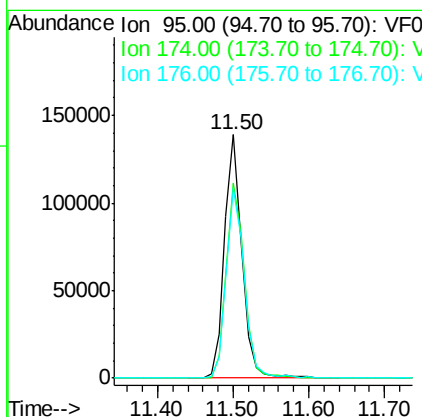
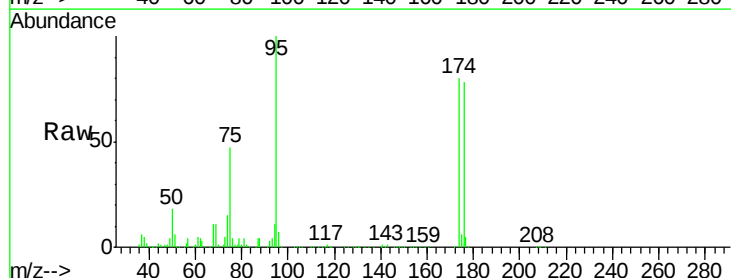
Instrument :
MSVOA_F
ClientSampleId :
VF0629SBL01

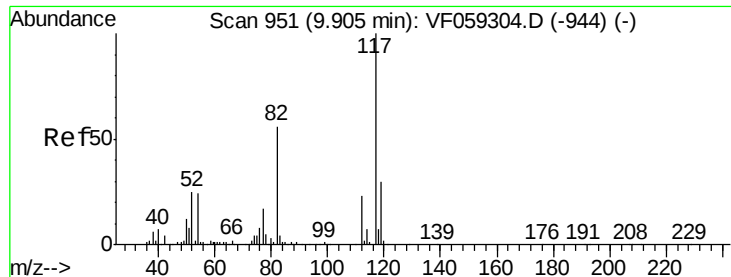
Tot Ion: 98 Resp: 391227
Ion Ratio Lower Upper
98 100
100 67.4 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 44.92 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059377.D
Acq: 29 Jun 2018 15:00

Tgt Ion: 95 Resp: 223131
Ion Ratio Lower Upper
95 100
174 80.2 0.0 165.2
176 78.0 0.0 161.0

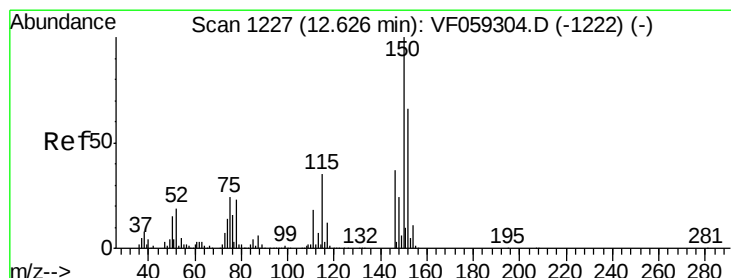
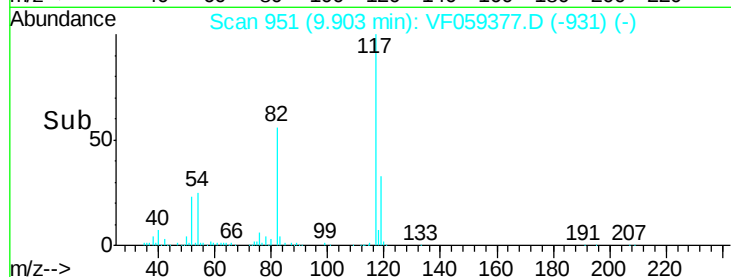
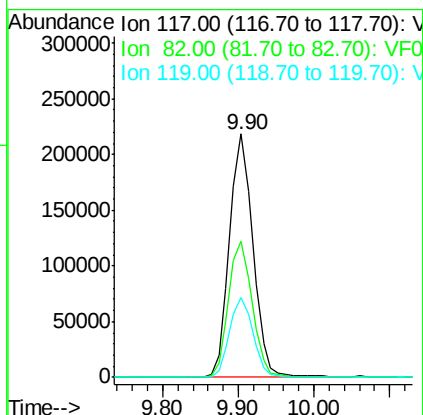
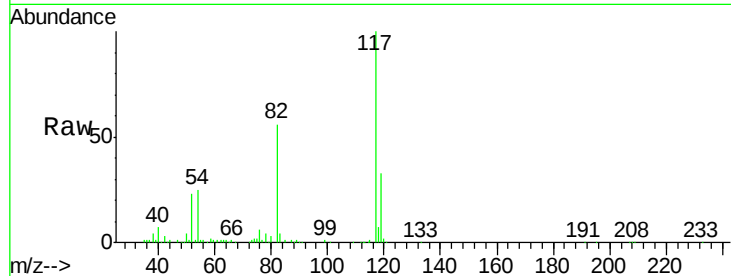




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059377.D
Acq: 29 Jun 2018 15:00

Instrument :
MSVOA_F
ClientSampleId :
VF0629SBL01

Tot Ion:117 Resp: 471984
Ion Ratio Lower Upper
117 100
82 56.1 44.6 66.8
119 32.7 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059377.D
Acq: 29 Jun 2018 15:00

Tgt Ion:152 Resp: 309509
Ion Ratio Lower Upper
152 100
115 61.2 27.1 81.3
150 155.6 0.0 305.2

