

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122818\
 Data File : VF061226.D
 Acq On : 28 Dec 2018 10:23
 Operator : VA/AP
 Sample : VF1228SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1228SBL01

Quant Time: Dec 29 01:22:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	221562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	373276	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	349652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	188673	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	135263	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	4.11	113	169511	56.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.38%	
50) Toluene-d8	7.55	98	430701	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.41	95	214212	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	

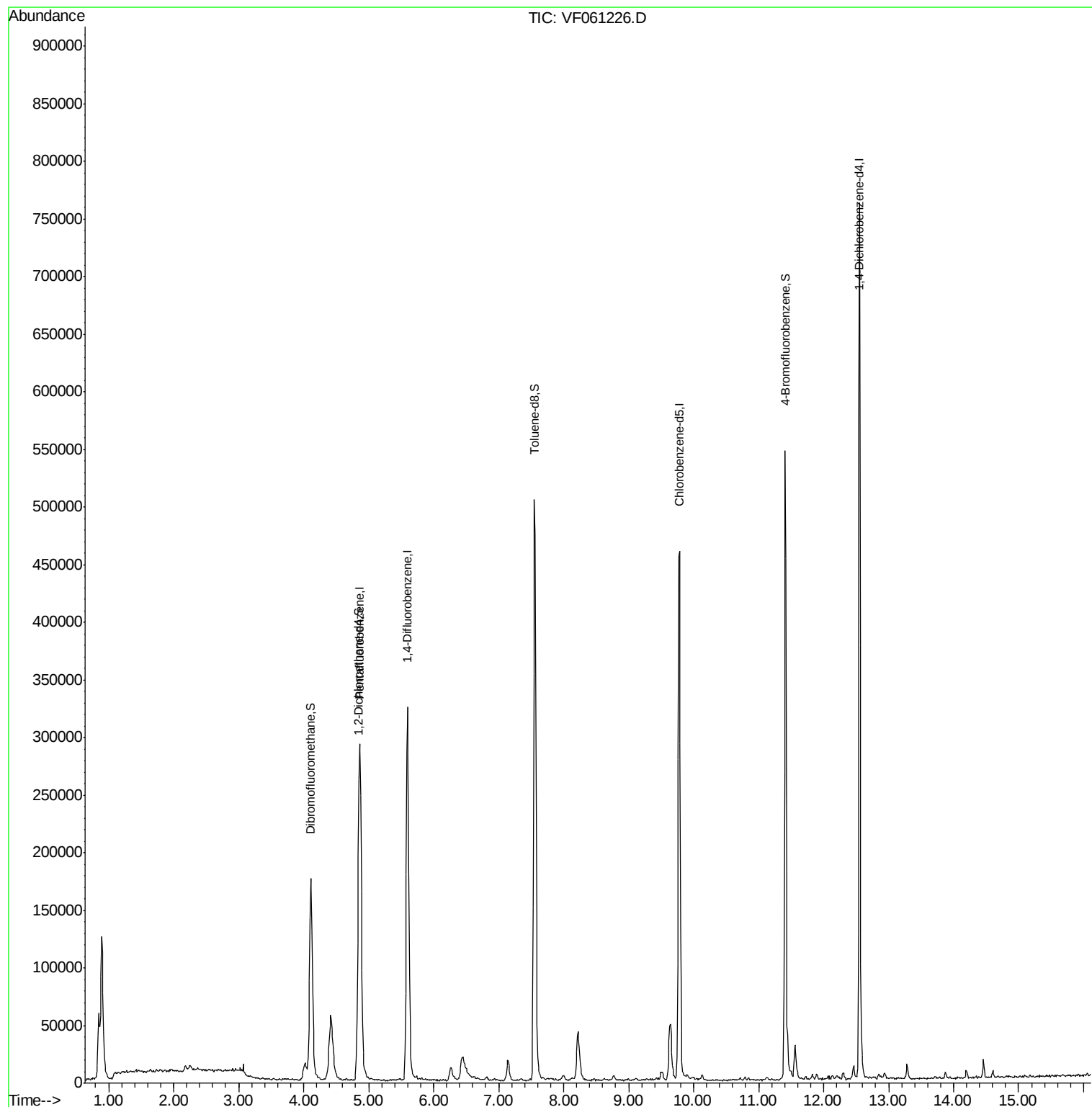
Target Compounds	Qvalue

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

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QLast Update : Thu Dec 20 00:56:59 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.00 min

Lab File: VF061226.D

Acq: 28 Dec 2018 10:23

Instrument :

MSVOA_F

ClientSampleId :

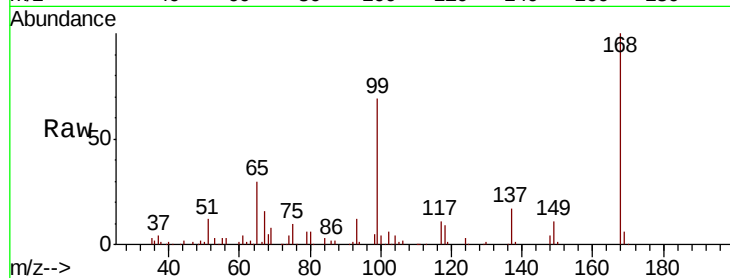
VF1228SBL01

Tot Ion:168 Resp: 221562

Ion Ratio Lower Upper

168 100

99 68.7 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

60000

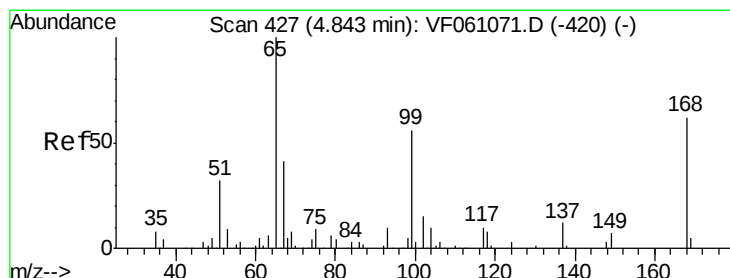
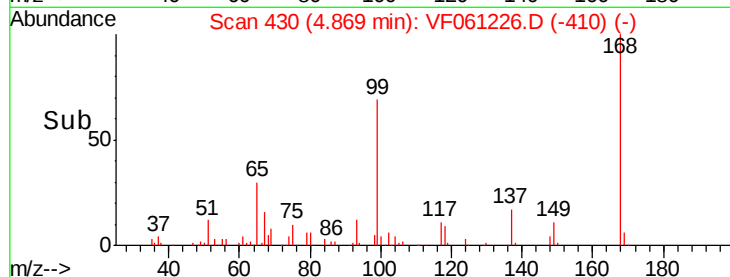
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 47.466 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.00 min

Lab File: VF061226.D

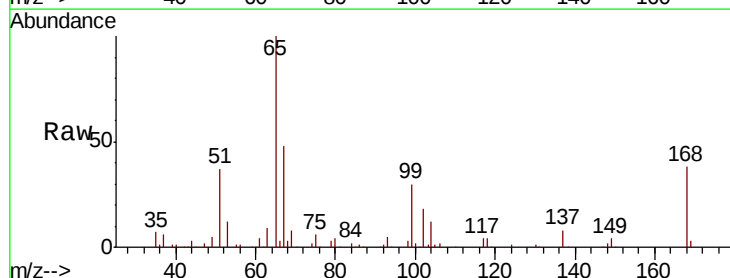
Acq: 28 Dec 2018 10:23

Tgt Ion: 65 Resp: 135263

Ion Ratio Lower Upper

65 100

67 47.7 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

50000

40000

30000

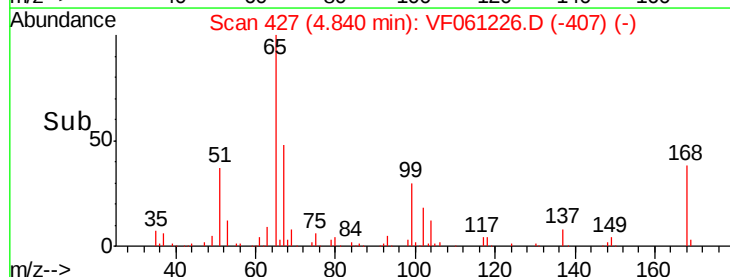
20000

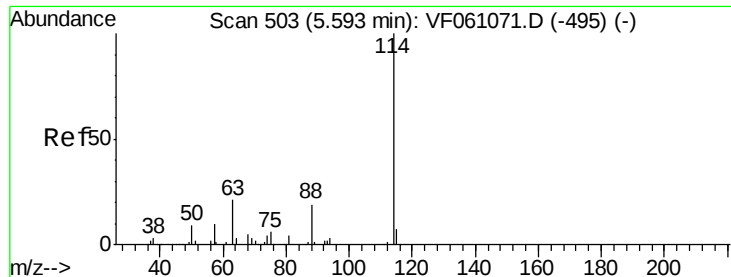
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF061226.D

Acq: 28 Dec 2018 10:23

Instrument :

MSVOA_F

ClientSampleId :

VF1228SBL01

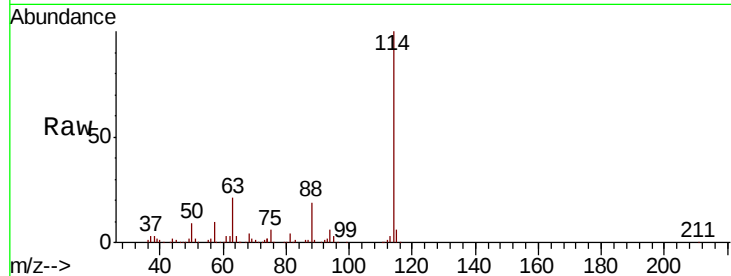
Tot Ion:114 Resp: 373276

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

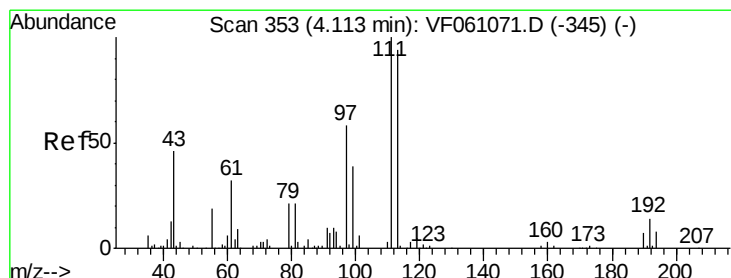
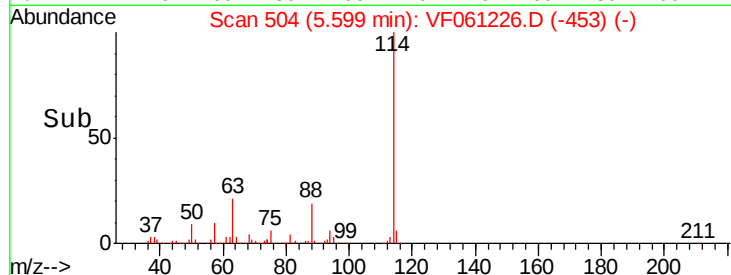
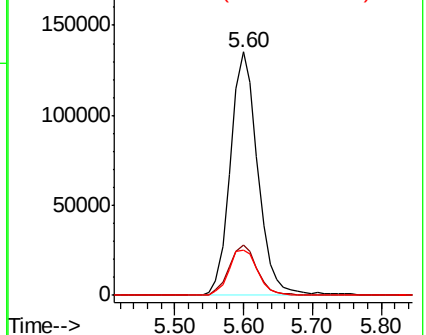
88 18.5 0.0 38.0



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: 56.690 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF061226.D

Acq: 28 Dec 2018 10:23

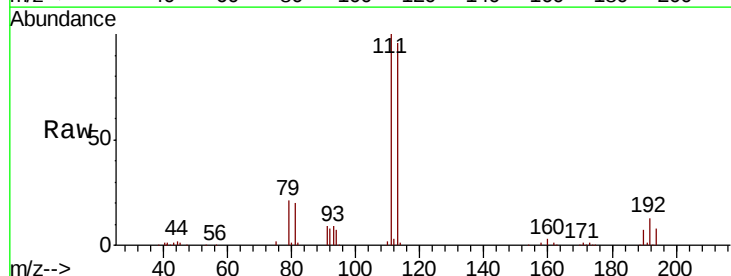
Tgt Ion:113 Resp: 169511

Ion Ratio Lower Upper

113 100

111 104.2 85.2 127.8

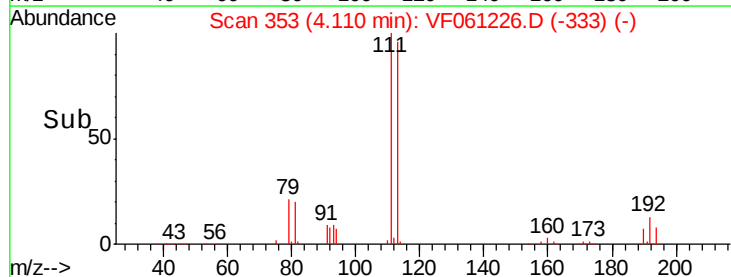
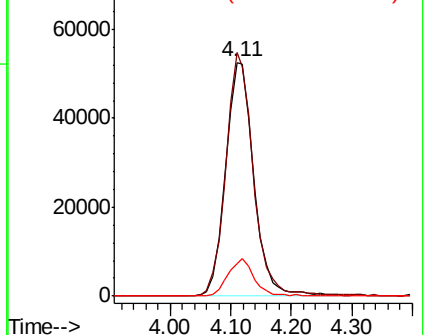
192 14.5 12.8 19.2

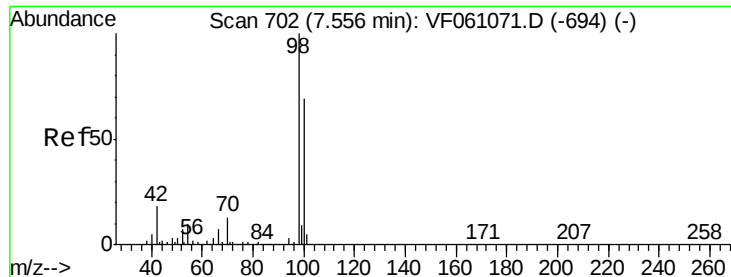


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

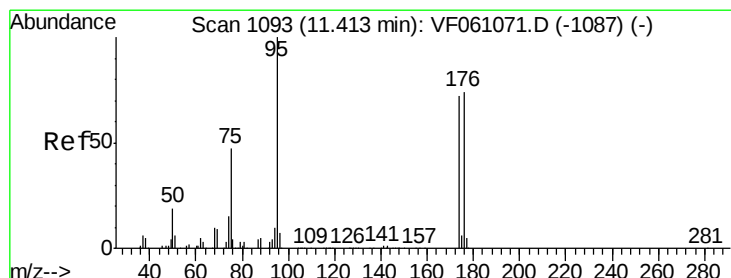
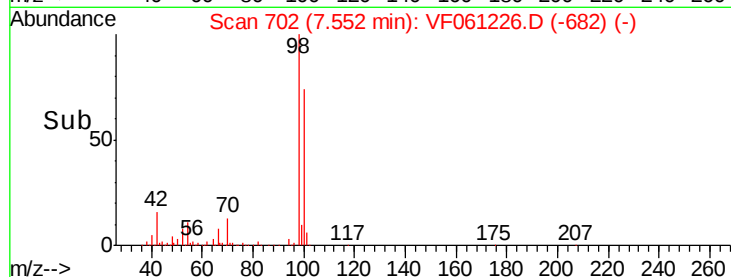
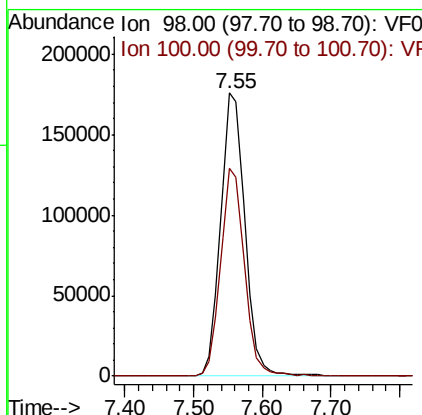
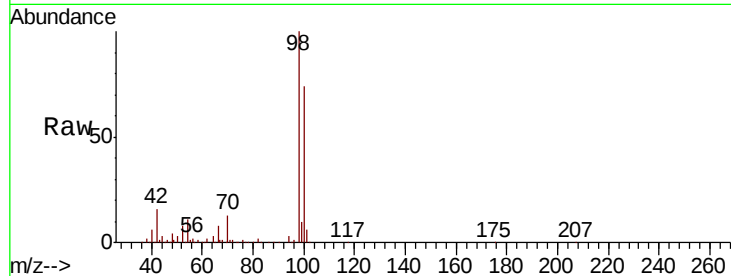




#50
Toluene-d8
Concen: 50.828 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

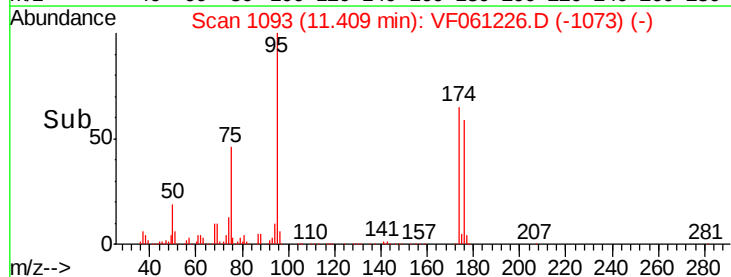
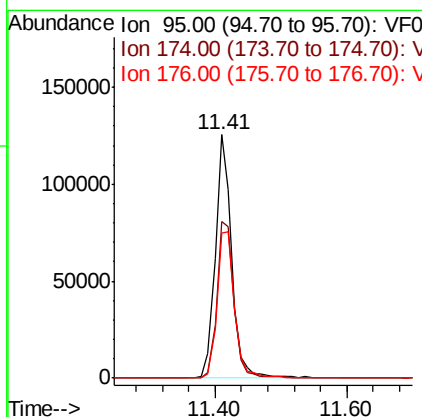
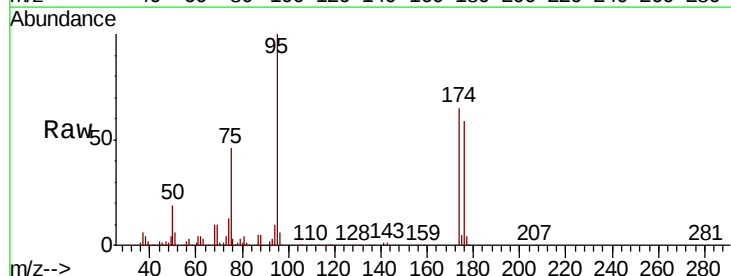
Instrument :
MSVOA_F
ClientSampleId :
VF1228SBL01

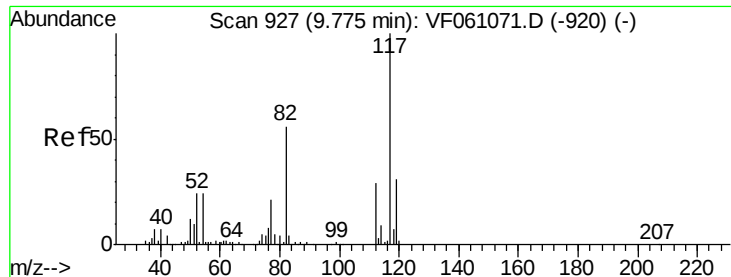
Tot Ion: 98 Resp: 430701
Ion Ratio Lower Upper
98 100
100 73.6 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 54.835 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Tgt Ion: 95 Resp: 214212
Ion Ratio Lower Upper
95 100
174 64.5 0.0 143.8
176 59.4 0.0 147.6

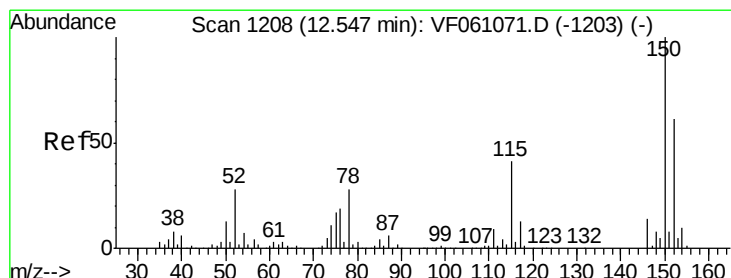
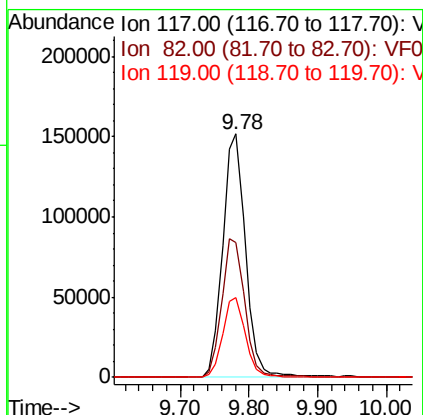
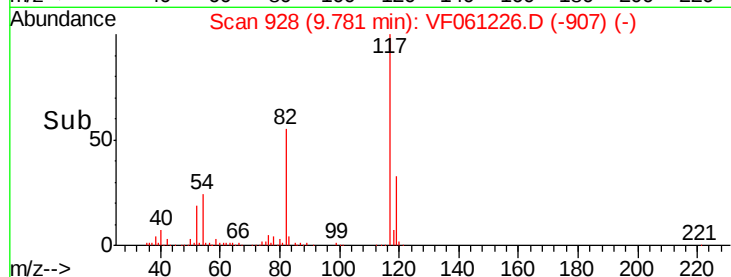
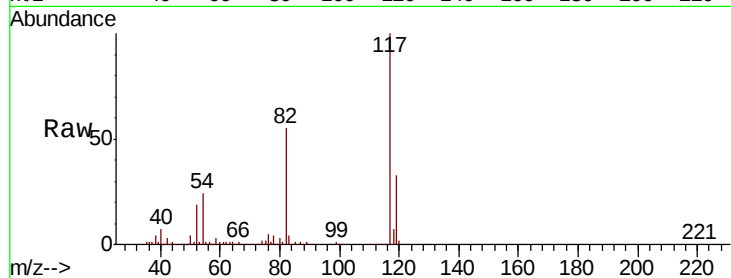




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBL01

Tot Ion:117 Resp: 349652
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Tgt Ion:152 Resp: 188673
Ion Ratio Lower Upper
152 100
115 58.5 33.3 99.9
150 151.7 0.0 328.2

