

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061294.D
 Acq On : 9 Jan 2019 11:45
 Operator : VA/AP
 Sample : VF0109SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0109SBL01

Quant Time: Jan 10 06:31:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	242956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	444301	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.80	117	374818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	206475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	139886	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
35) Dibromofluoromethane	4.12	113	164559	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
50) Toluene-d8	7.57	98	427912	42.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.06%	
62) 4-Bromofluorobenzene	11.42	95	205765	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	

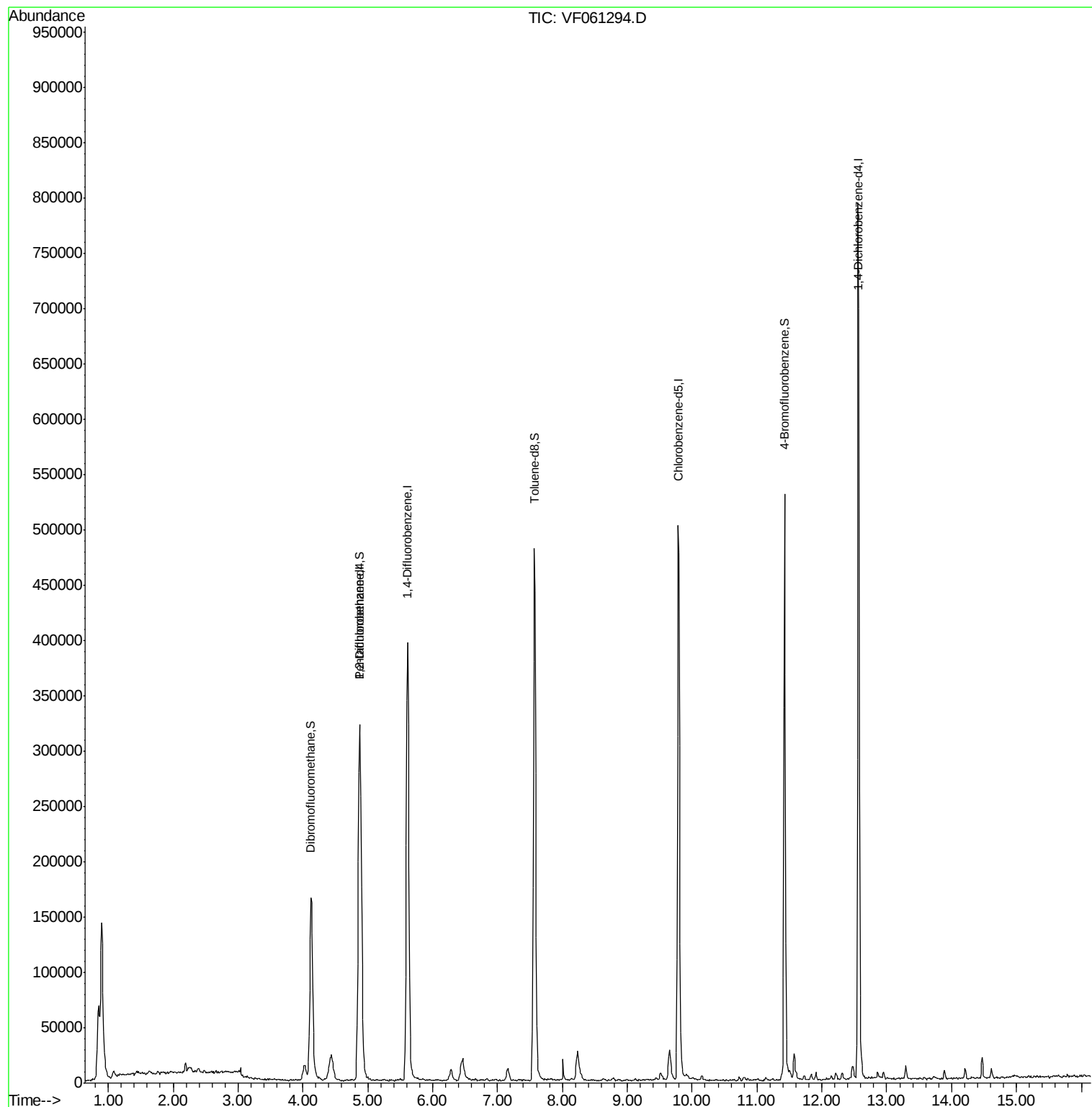
Target Compounds	Qvalue
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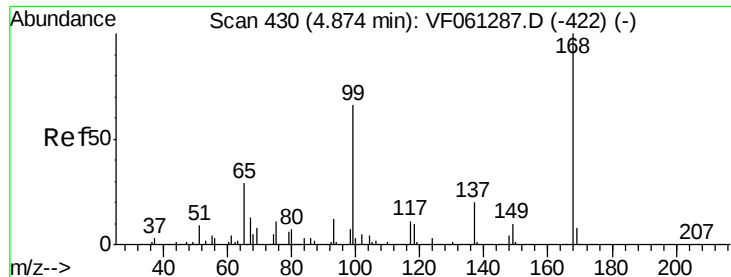
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF061294.D

Acq: 9 Jan 2019 11:45

Instrument :

MSVOA_F

ClientSampleId :

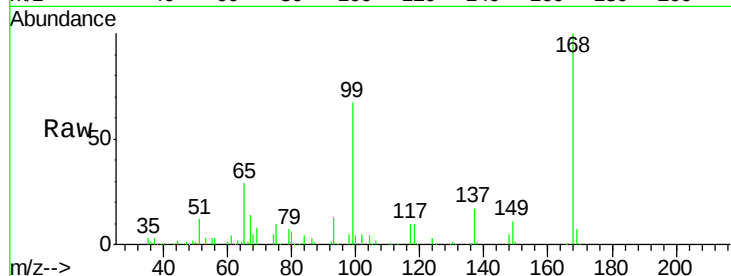
VF0109SBL01

Tot Ion:168 Resp: 242956

Ion Ratio Lower Upper

168 100

99 66.9 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

80000

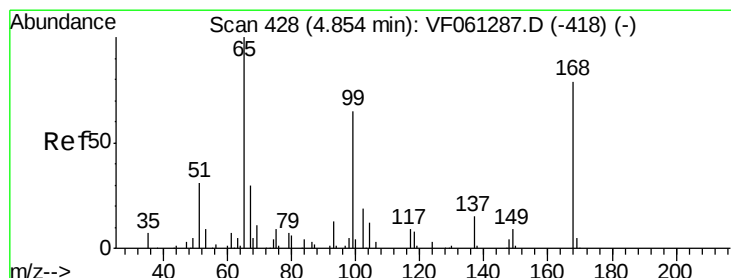
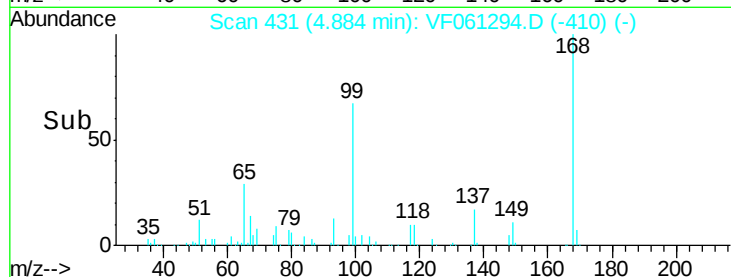
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 51.728 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.01 min

Lab File: VF061294.D

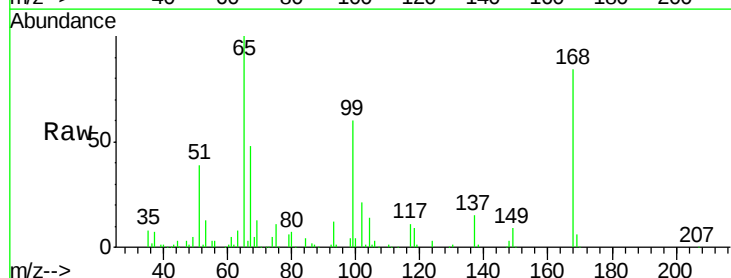
Acq: 9 Jan 2019 11:45

Tgt Ion: 65 Resp: 139886

Ion Ratio Lower Upper

65 100

67 47.8 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

50000

40000

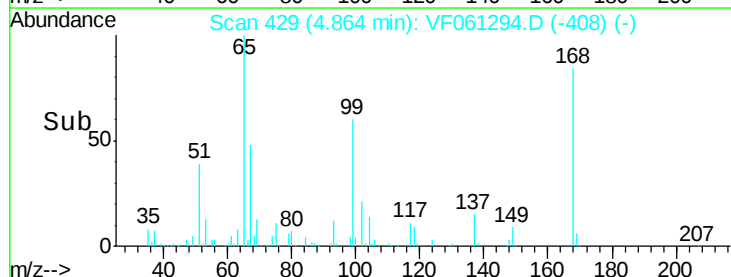
30000

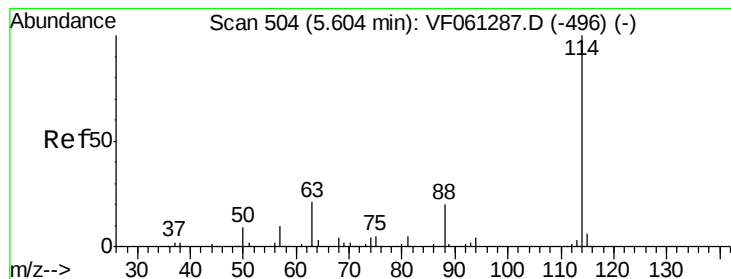
20000

10000

0

Time--> 4.70 4.80 4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF061294.D

Acq: 9 Jan 2019 11:45

Instrument :

MSVOA_F

ClientSampleId :

VF0109SBL01

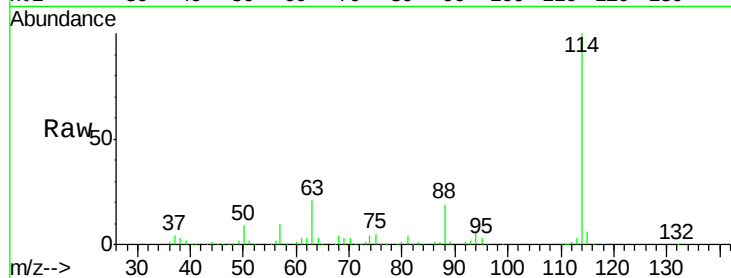
Tot Ion:114 Resp: 444301

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

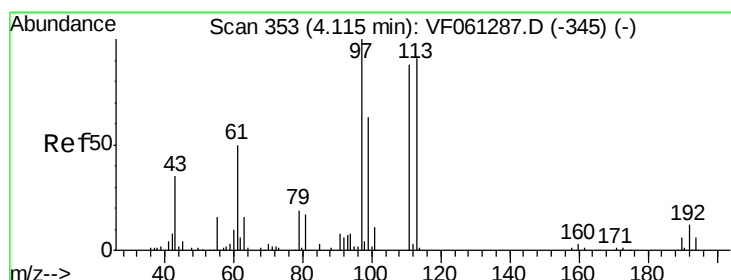
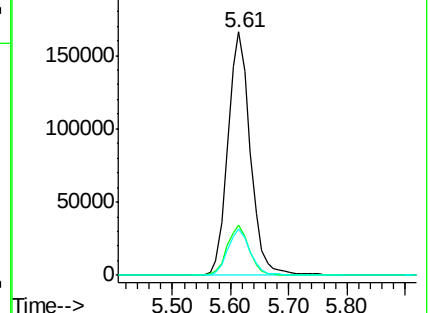
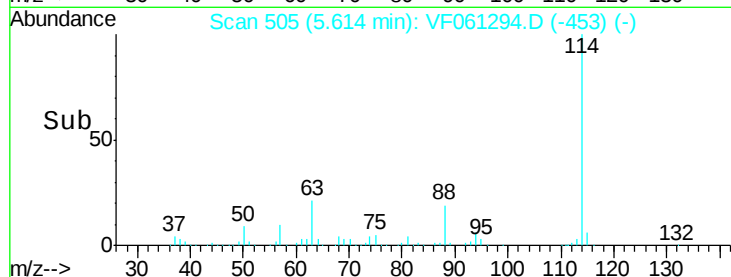
88 19.4 0.0 40.0



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: 48.405 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF061294.D

Acq: 9 Jan 2019 11:45

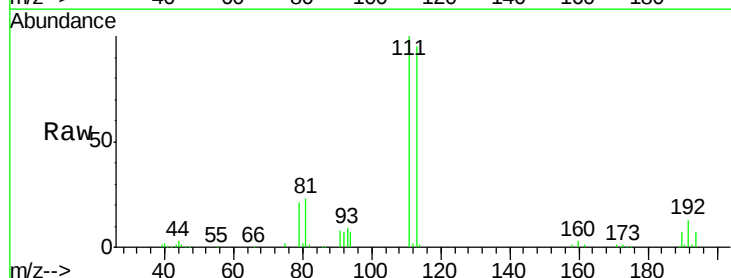
Tgt Ion:113 Resp: 164559

Ion Ratio Lower Upper

113 100

111 104.8 78.0 117.0

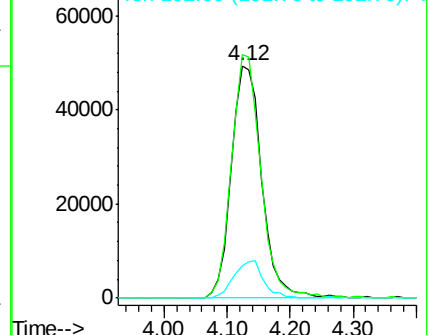
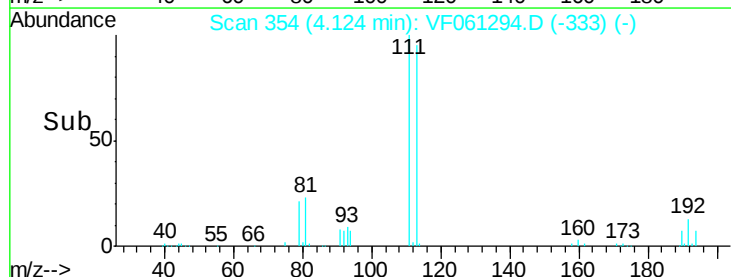
192 14.1 10.6 16.0

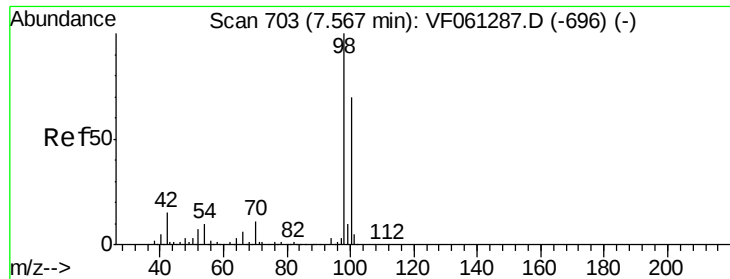


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

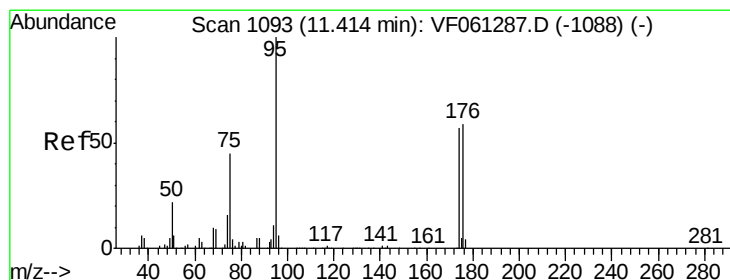
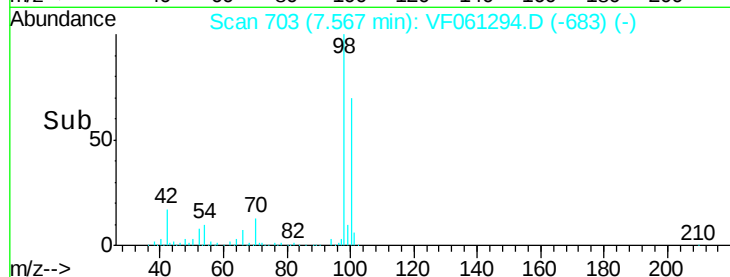
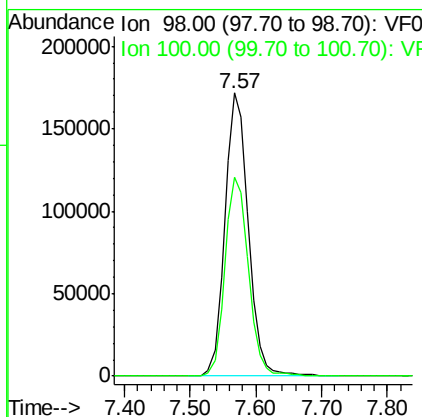
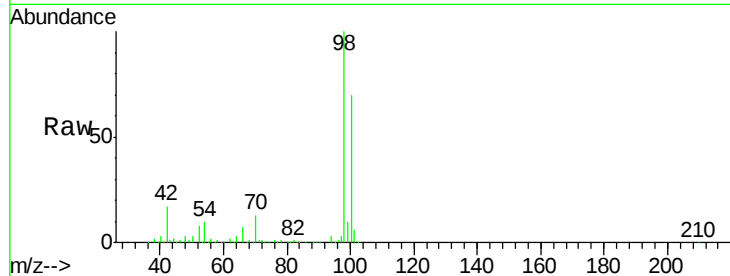




#50
Toluene-d8
Concen: 42.534 ug/l
RT: 7.57 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF061294.D
Acq: 9 Jan 2019 11:45

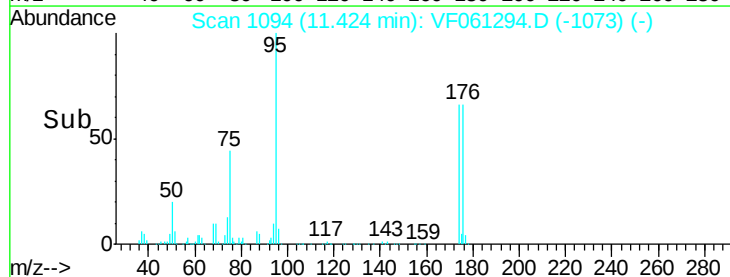
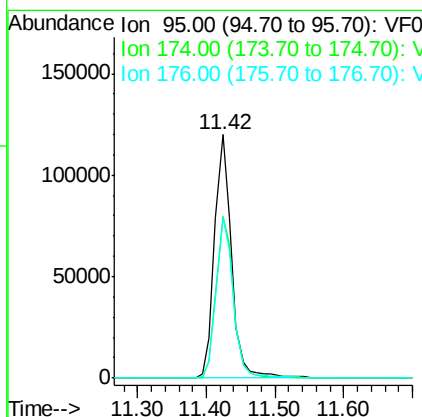
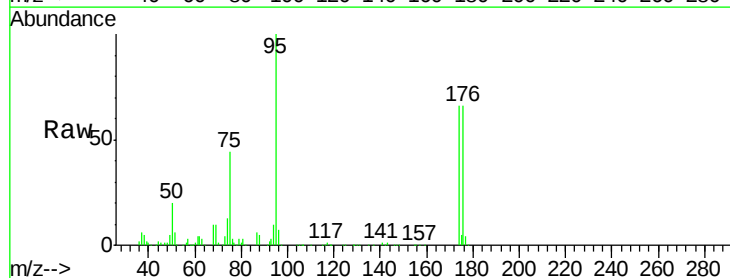
Instrument :
MSVOA_F
ClientSampleId :
VF0109SBL01

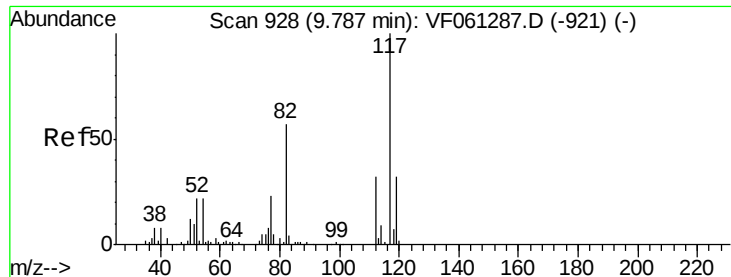
Tot Ion: 98 Resp: 427912
Ion Ratio Lower Upper
98 100
100 70.3 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 46.840 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061294.D
Acq: 9 Jan 2019 11:45

Tgt Ion: 95 Resp: 205765
Ion Ratio Lower Upper
95 100
174 66.3 0.0 114.2
176 65.7 0.0 117.8

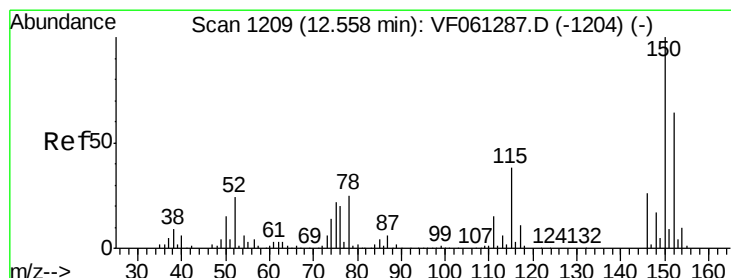
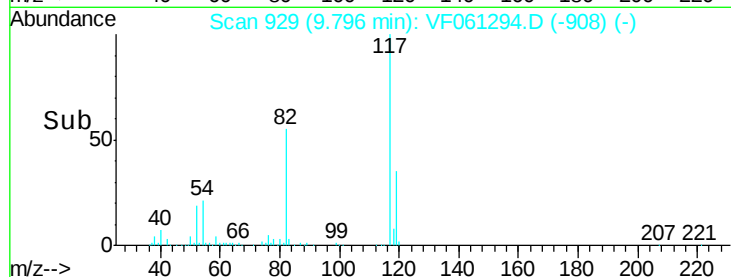
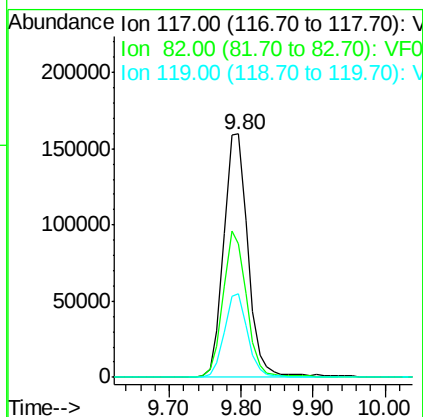
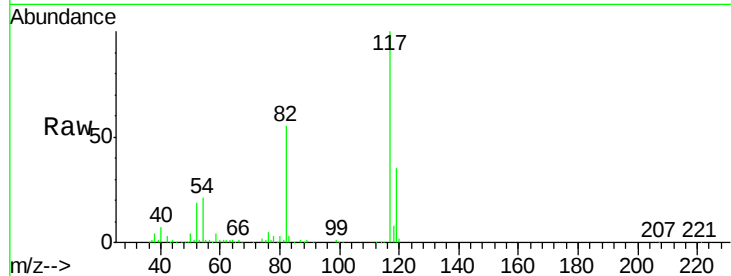




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF061294.D
Acq: 9 Jan 2019 11:45

Instrument :
MSVOA_F
ClientSampleId :
VF0109SBL01

Tot Ion:117 Resp: 374818
Ion Ratio Lower Upper
117 100
82 54.9 45.3 67.9
119 34.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061294.D
Acq: 9 Jan 2019 11:45

Tgt Ion:152 Resp: 206475
Ion Ratio Lower Upper
152 100
115 64.1 29.6 88.9
150 156.6 0.0 315.4

