

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
 Data File : VF060851.D
 Acq On : 28 Nov 2018 11:46
 Operator : VA/AP
 Sample : VF1128SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1128SBL01

Quant Time: Nov 29 03:46:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	227311	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	395095	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	347588	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	211782	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	136229	50.87	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	4.13	113	152341	48.60	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	7.58	98	421767	45.68	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	91.36%	
62) 4-Bromofluorobenzene	11.43	95	209014	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

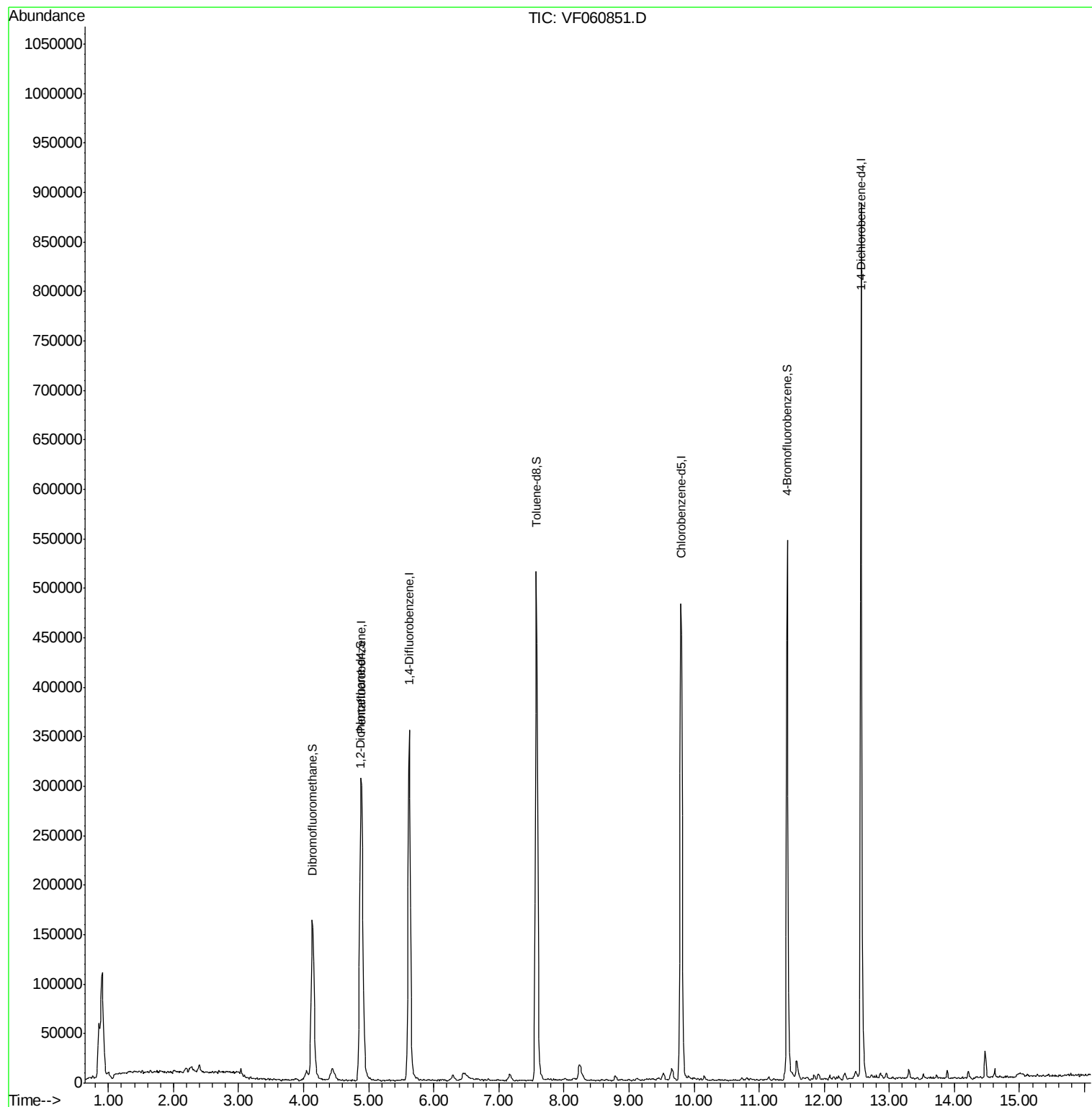
Target Compounds	Qvalue

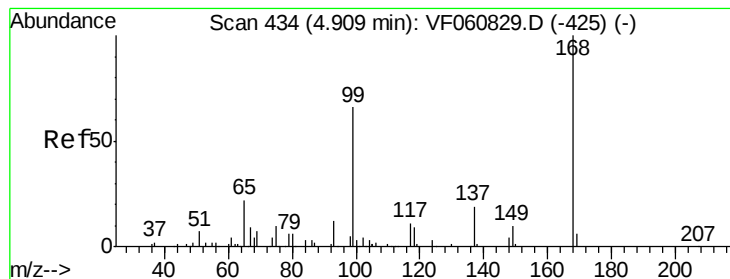
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF060851.D

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Instrument :

MSVOA_F

ClientSampleId :

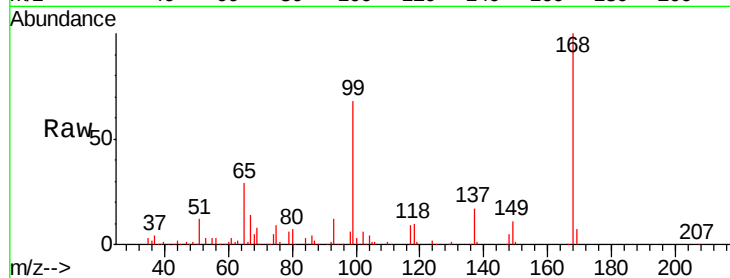
VF1128SBL01

Tgt Ion: 168 Resp: 227311

Ion Ratio Lower Upper

168 100

99 68.0 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

80000

60000

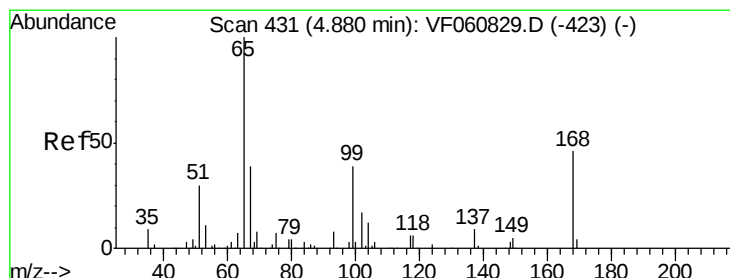
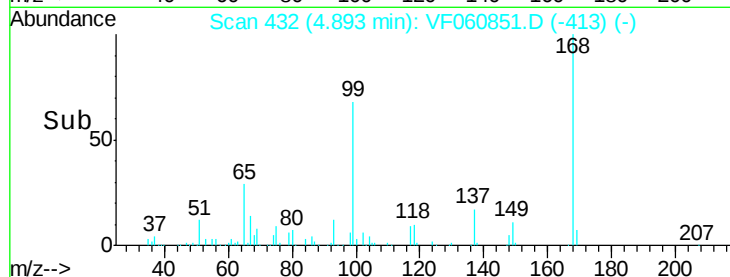
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 50.87 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF060851.D

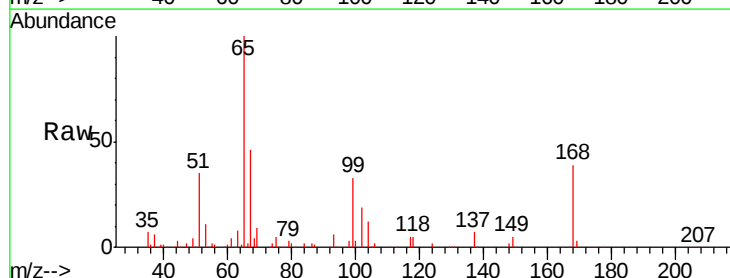
Acq: 28 Nov 2018 11:46

Tgt Ion: 65 Resp: 136229

Ion Ratio Lower Upper

65 100

67 46.2 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

50000

40000

30000

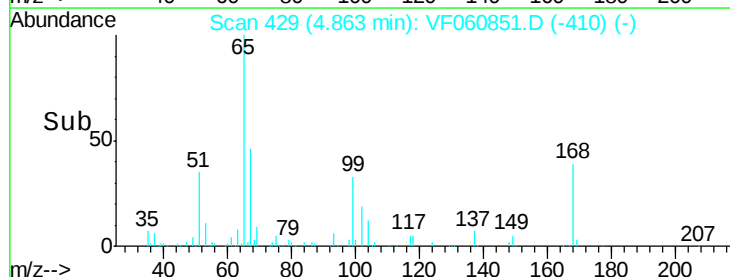
20000

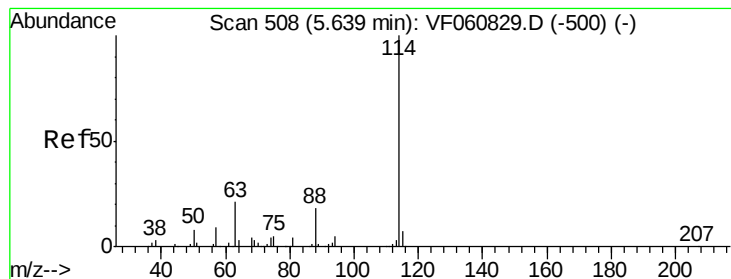
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 506

Delta R.T. -0.02 min

Lab File: VF060851.D

Acq: 28 Nov 2018 11:46

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBL01

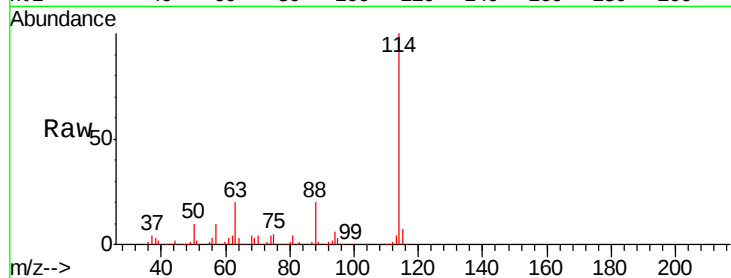
Tgt Ion:114 Resp: 395095

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

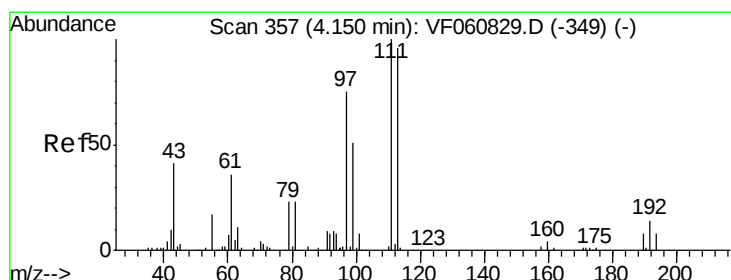
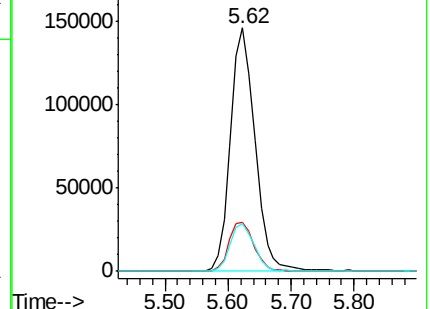
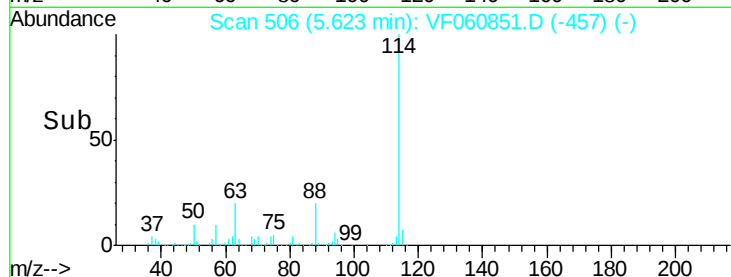
88 19.6 0.0 36.6



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: 48.60 ug/l

RT: 4.13 min Scan# 355

Delta R.T. -0.02 min

Lab File: VF060851.D

Acq: 28 Nov 2018 11:46

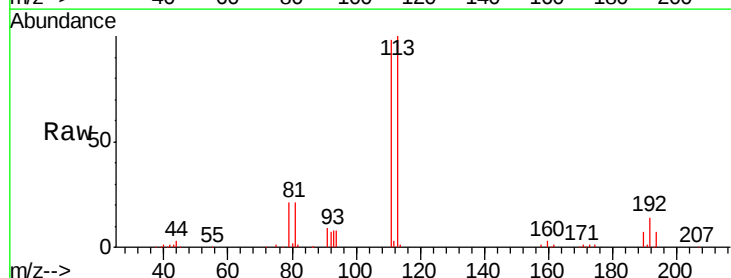
Tgt Ion:113 Resp: 152341

Ion Ratio Lower Upper

113 100

111 97.8 83.0 124.6

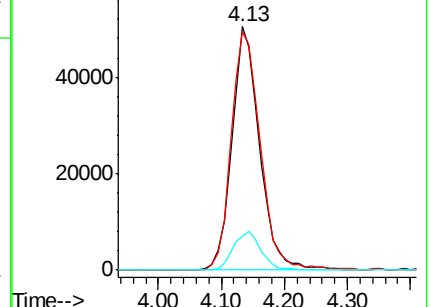
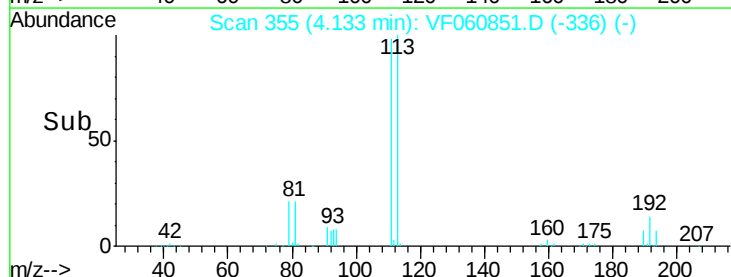
192 13.8 12.3 18.5

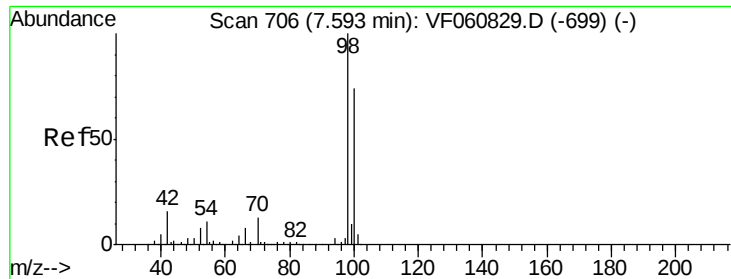


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

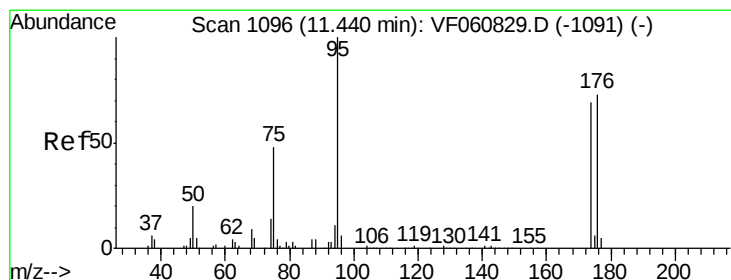
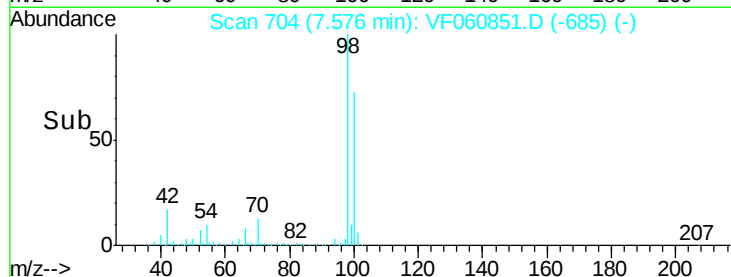
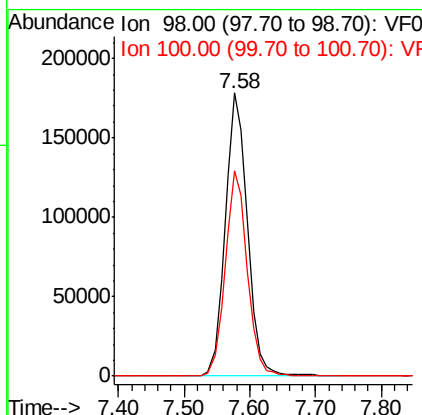
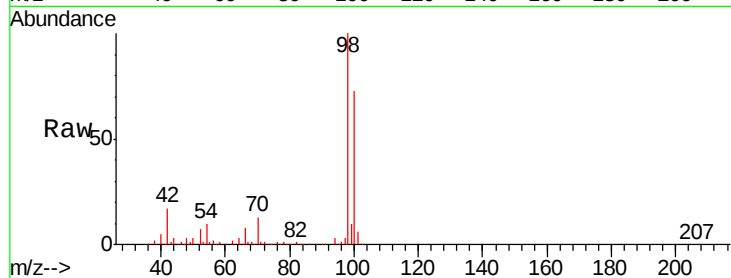




#50
Toluene-d8
Concen: 45.68 ug/l
RT: 7.58 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF060851.D
Acq: 28 Nov 2018 11:46

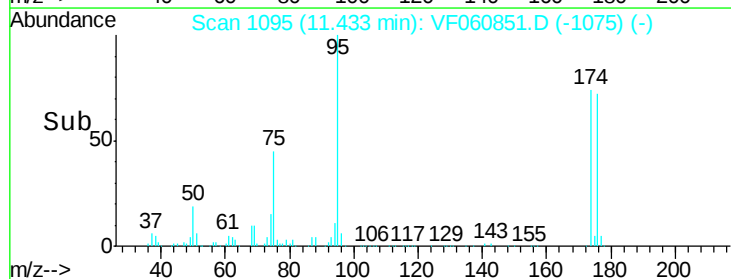
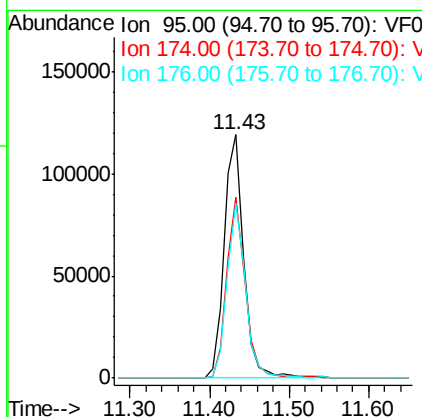
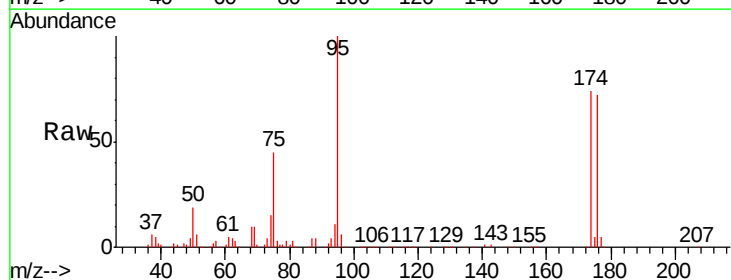
Instrument :
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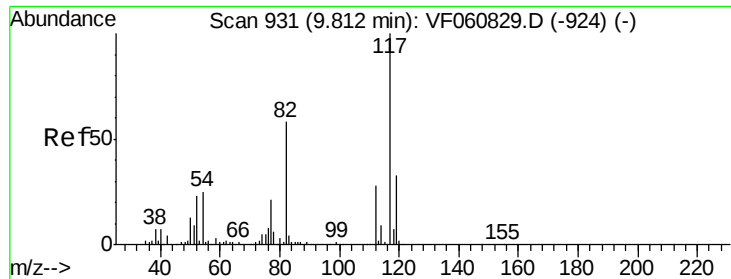
Tgt Ion: 98 Resp: 421767
Ion Ratio Lower Upper
98 100
100 72.6 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 49.81 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF060851.D
Acq: 28 Nov 2018 11:46

Tgt Ion: 95 Resp: 209014
Ion Ratio Lower Upper
95 100
174 74.4 0.0 138.2
176 71.9 0.0 146.2

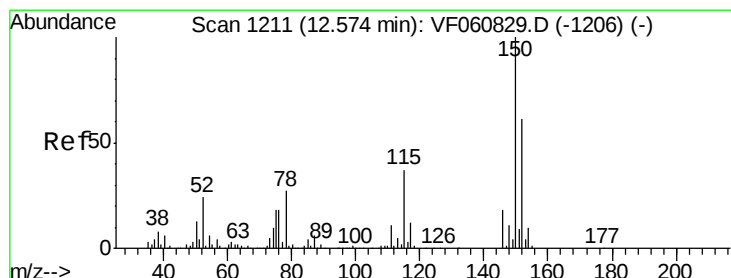
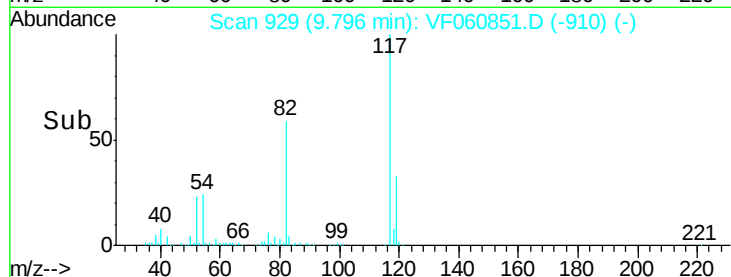
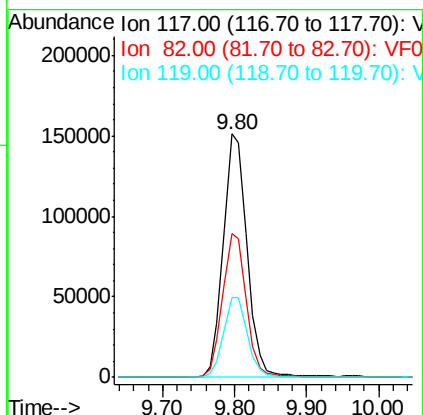
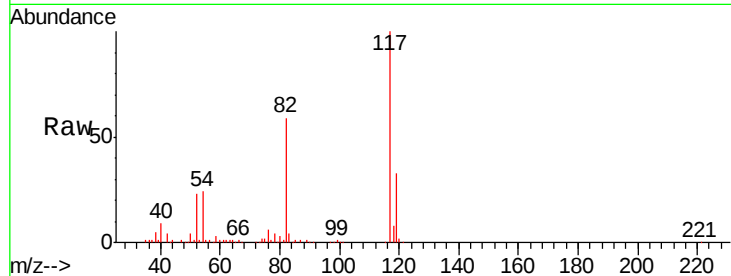




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.80 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF060851.D
Acq: 28 Nov 2018 11:46

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBL01

Tgt Ion:117 Resp: 347588
Ion Ratio Lower Upper
117 100
82 59.3 46.6 69.8
119 33.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF060851.D
Acq: 28 Nov 2018 11:46

Tgt Ion:152 Resp: 211782
Ion Ratio Lower Upper
152 100
115 59.1 30.1 90.5
150 155.0 0.0 327.6

