

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112718\
 Data File : VF060836.D
 Acq On : 27 Nov 2018 13:47
 Operator : VA/AP
 Sample : VF1127SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBL01

Quant Time: Nov 28 03:21:46 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	4.90	168	232178	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.63	114	381298	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.80	117	365190	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.57	152	203952	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	131481	48.07	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	4.14	113	155718	51.48	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	7.58	98	422078	47.37	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.74%	
62) 4-Bromofluorobenzene	11.44	95	203305	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	

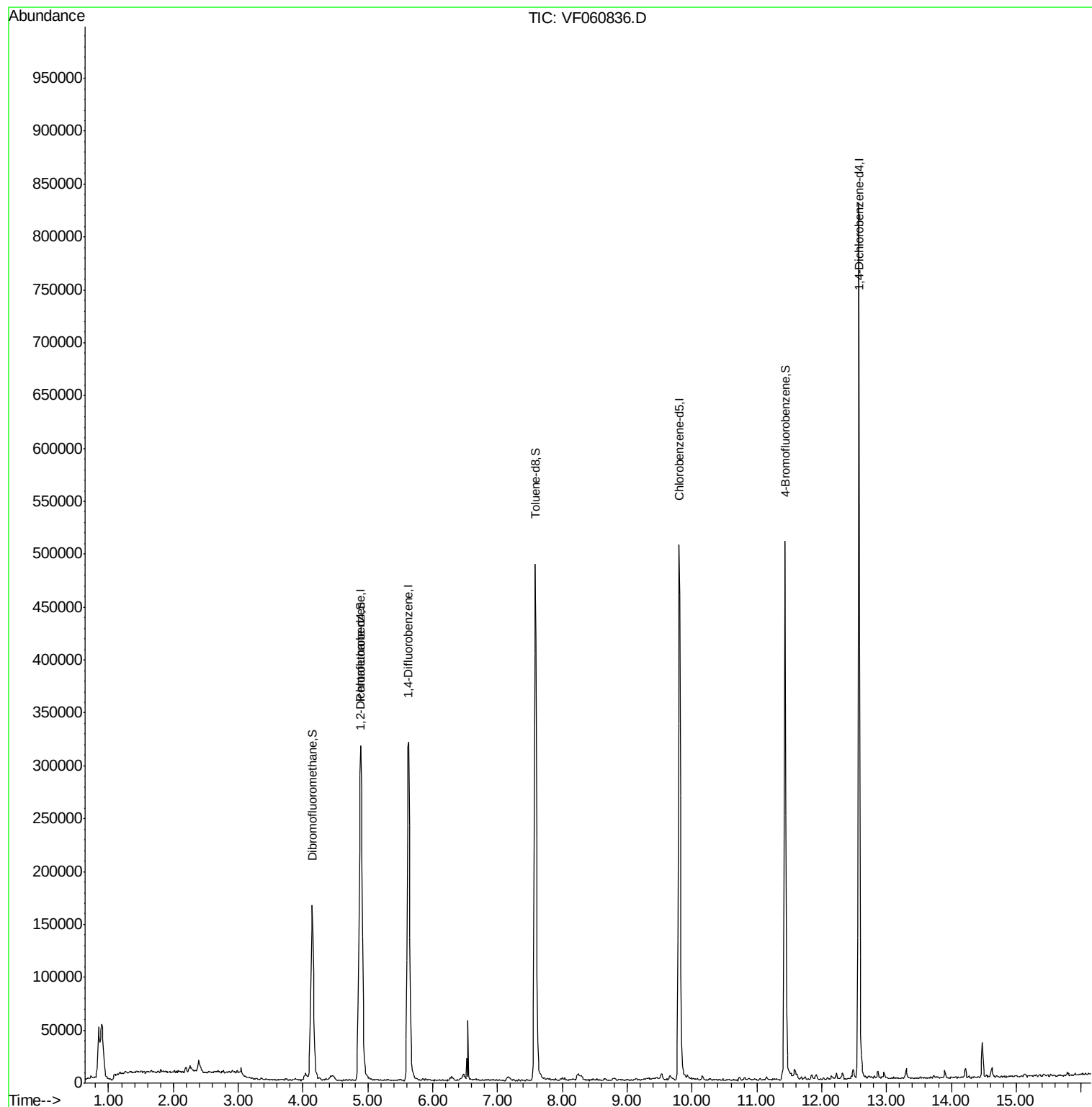
Target Compounds	Qvalue

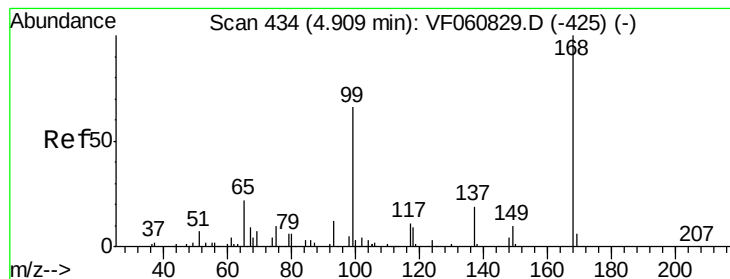
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.01 min

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ClientSampleId :

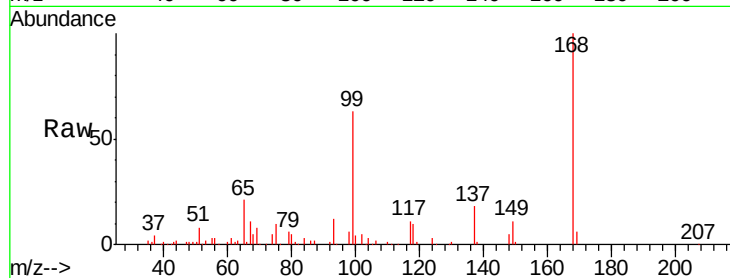
VF1127SBL01

Tgt Ion:168 Resp: 232178

Ion Ratio Lower Upper

168 100

99 63.1 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.90

80000

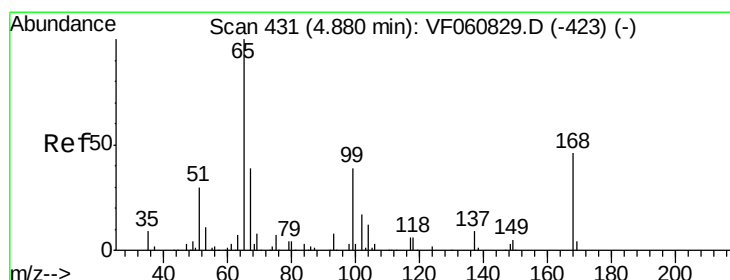
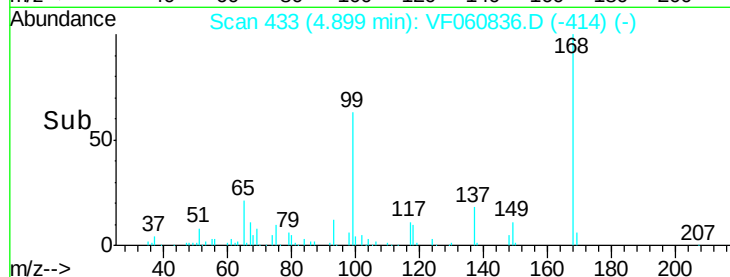
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 48.07 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF060836.D

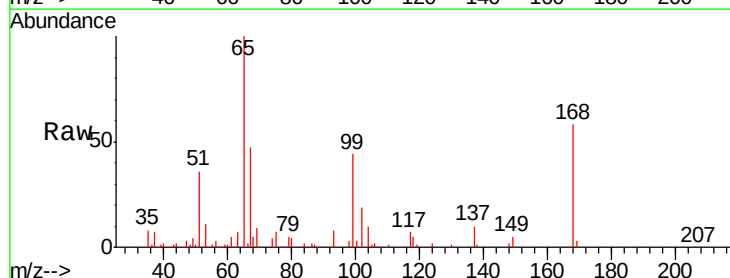
Acq: 27 Nov 2018 13:47

Tgt Ion: 65 Resp: 131481

Ion Ratio Lower Upper

65 100

67 47.3 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.87

50000

40000

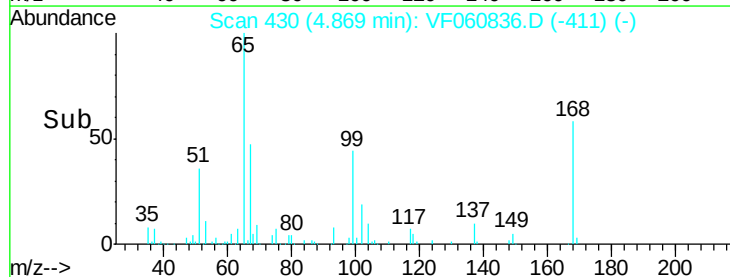
30000

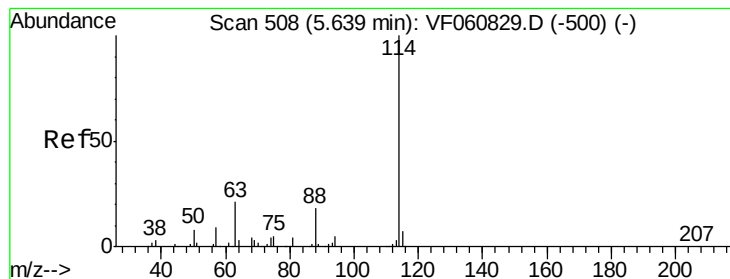
20000

10000

0

Time--> 4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 507

Delta R.T. -0.01 min

Lab File: VF060836.D

Acq: 27 Nov 2018 13:47

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBL01

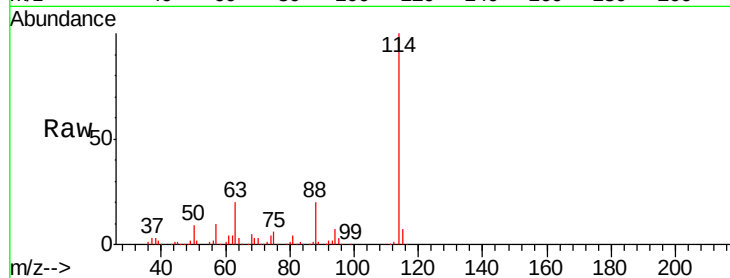
Tgt Ion:114 Resp: 381298

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

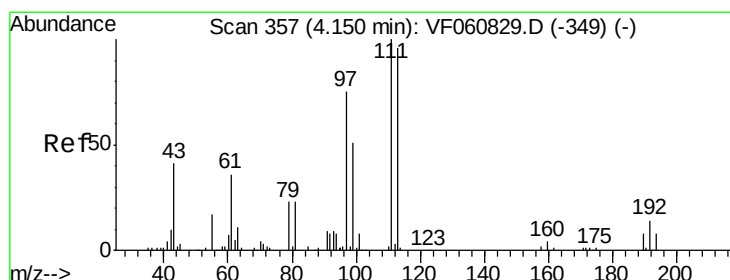
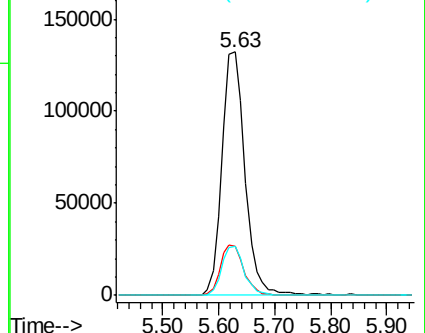
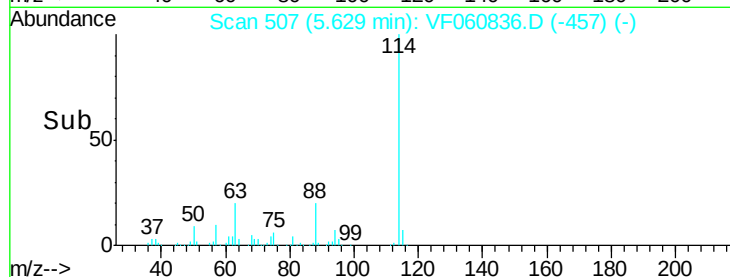
88 20.0 0.0 36.6



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: 51.48 ug/l

RT: 4.14 min Scan# 356

Delta R.T. -0.01 min

Lab File: VF060836.D

Acq: 27 Nov 2018 13:47

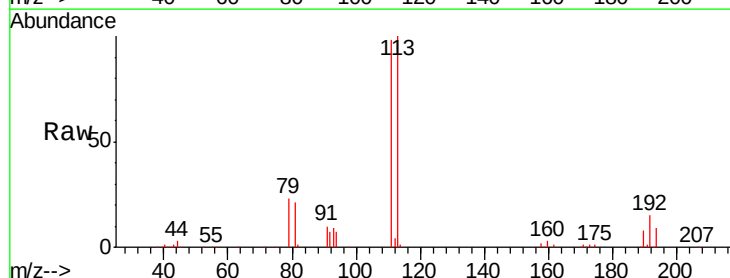
Tgt Ion:113 Resp: 155718

Ion Ratio Lower Upper

113 100

111 98.2 83.0 124.6

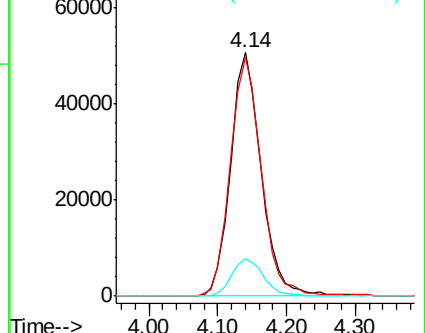
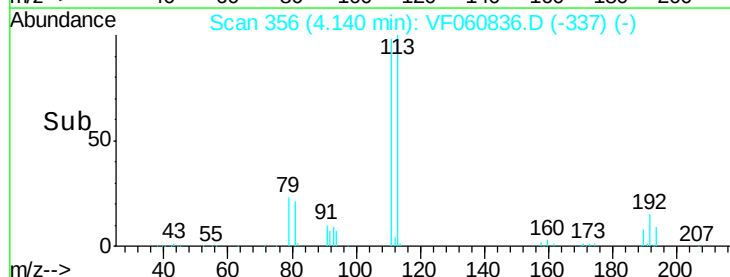
192 15.5 12.3 18.5

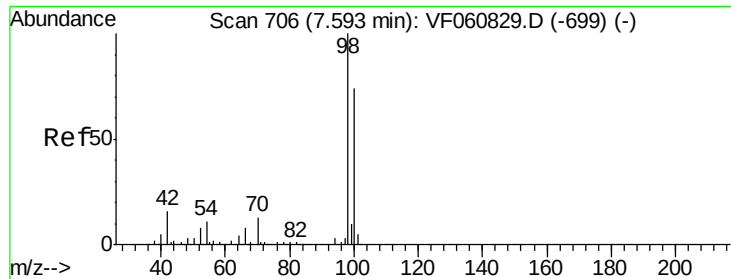


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 47.37 ug/l

RT: 7.58 min Scan# 705

Delta R.T. -0.01 min

Lab File: VF060836.D

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Instrument :

MSVOA_F

ClientSampleId :

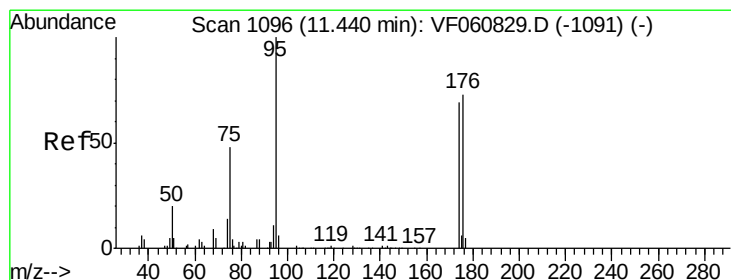
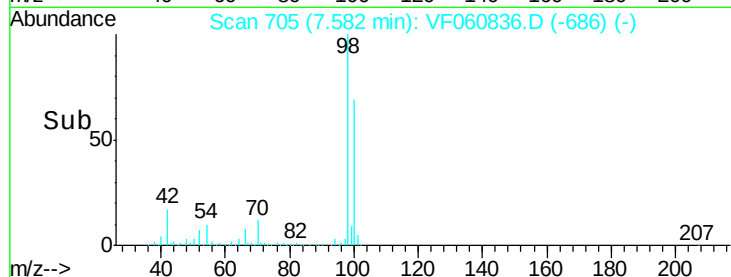
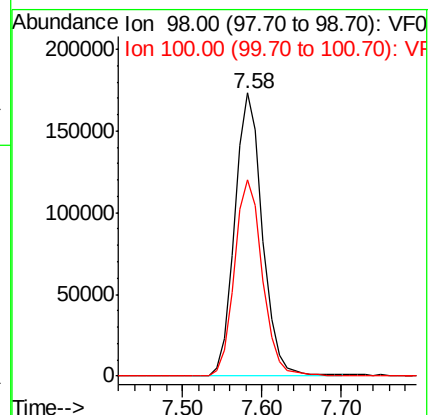
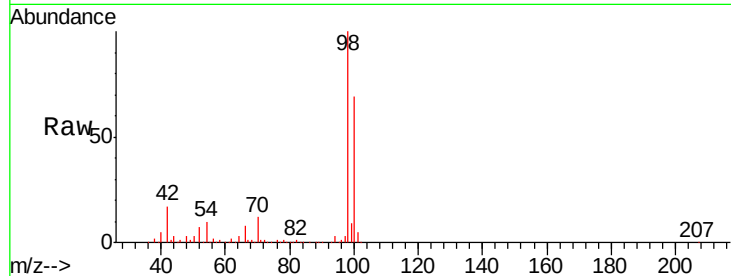
VF1127SBL01

Tgt Ion: 98 Resp: 422078

Ion Ratio Lower Upper

98 100

100 69.4 59.3 88.9



#62

4-Bromofluorobenzene

Concen: 50.20 ug/l

RT: 11.44 min Scan# 1096

Delta R.T. -0.00 min

Lab File: VF060836.D

Acq: 27 Nov 2018 13:47

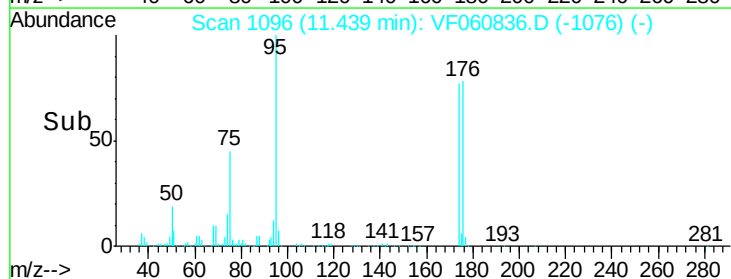
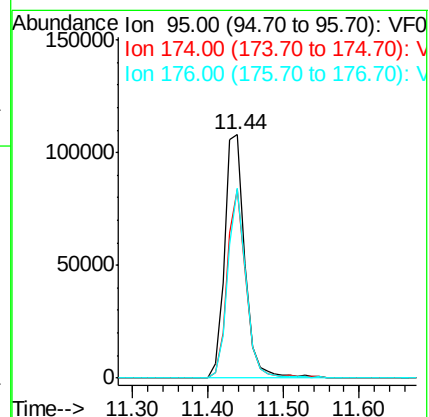
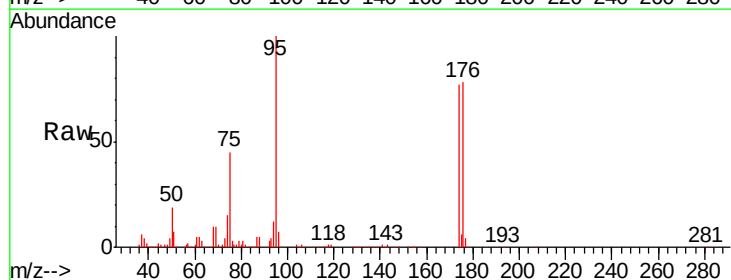
Tgt Ion: 95 Resp: 203305

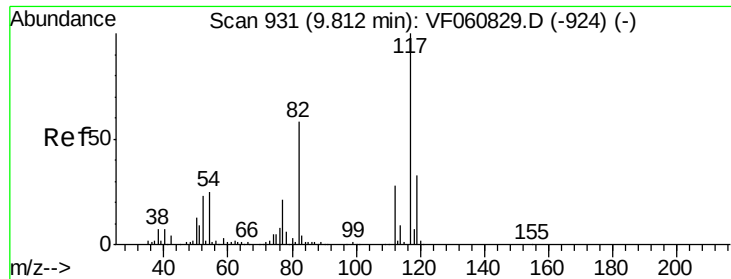
Ion Ratio Lower Upper

95 100

174 77.4 0.0 138.2

176 77.8 0.0 146.2

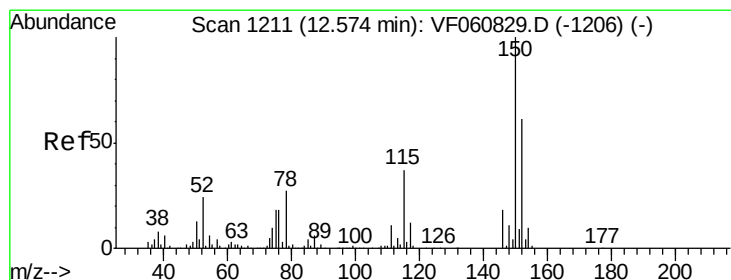
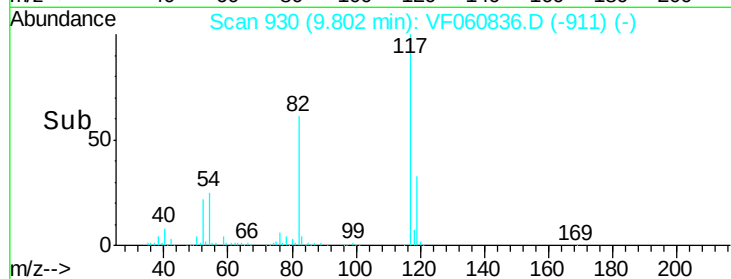
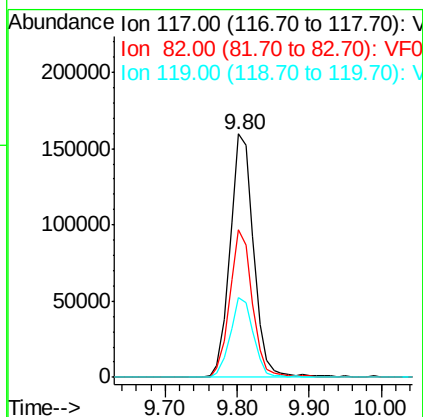
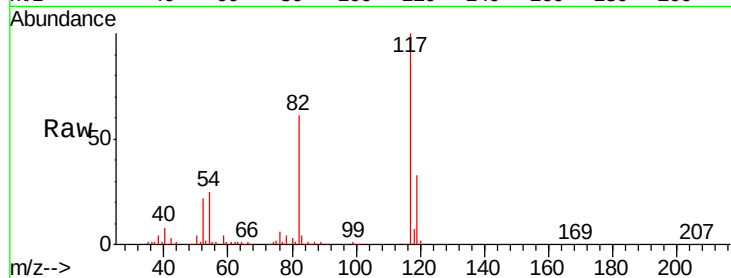




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060836.D
Acq: 27 Nov 2018 13:47

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBL01

Tgt Ion:117 Resp: 365190
Ion Ratio Lower Upper
117 100
82 60.8 46.6 69.8
119 32.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VF060836.D
Acq: 27 Nov 2018 13:47

Tgt Ion:152 Resp: 203952
Ion Ratio Lower Upper
152 100
115 57.7 30.1 90.5
150 150.4 0.0 327.6

