

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121818\
 Data File : VF061057.D
 Acq On : 18 Dec 2018 12:27
 Operator : VA/AP
 Sample : VF1218SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1218SBL01

Quant Time: Dec 19 01:17:53 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	4.87	168	169614	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	298160	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	278998	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	156854	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	114638	57.37	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	114.74%	
35) Dibromofluoromethane	4.11	113	127930	54.08	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	7.55	98	329424	47.28	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.41	95	159418	50.34	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	100.68%	

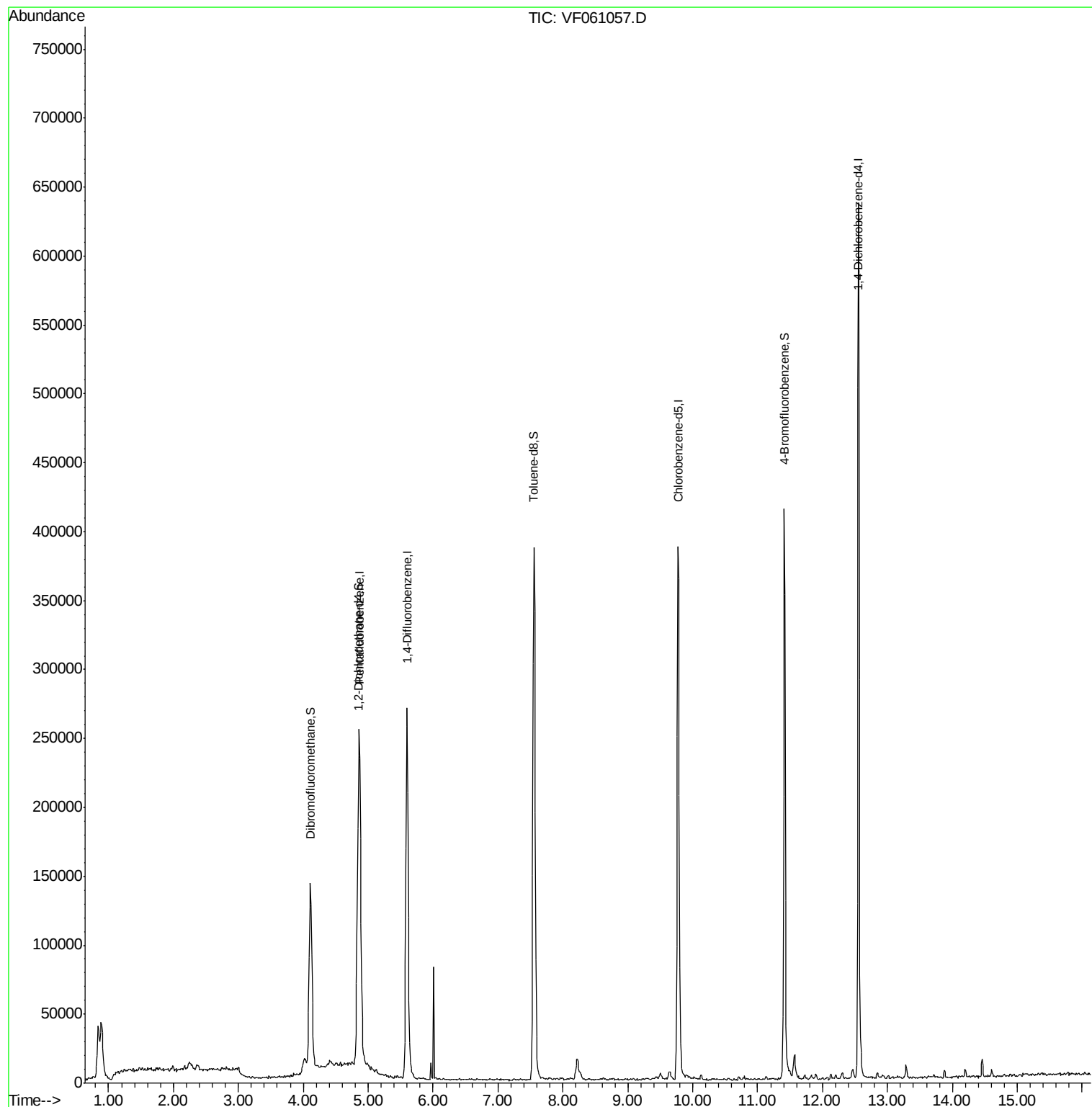
Target Compounds	Qvalue

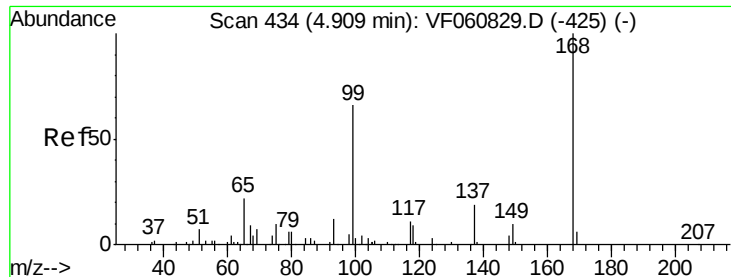
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF061057.D

Acq: 18 Dec 2018 12:27

Instrument :

MSVOA_F

ClientSampleId :

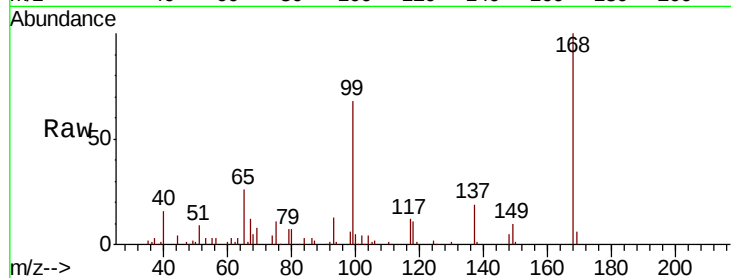
VF1218SBL01

Tot Ion:168 Resp: 169614

Ion Ratio Lower Upper

168 100

99 68.2 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

50000

40000

30000

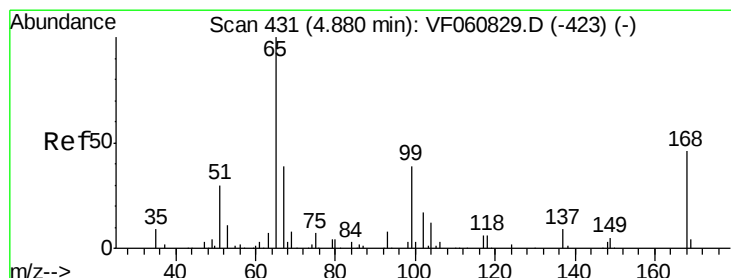
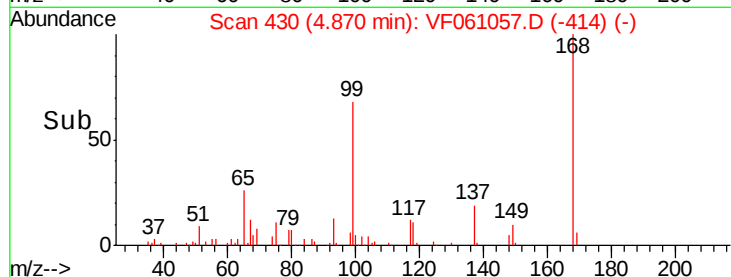
20000

10000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 57.373 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF061057.D

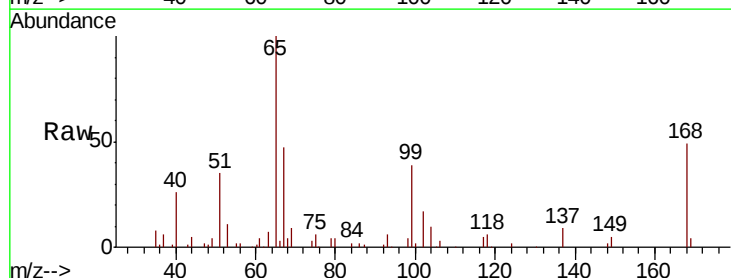
Acq: 18 Dec 2018 12:27

Tgt Ion: 65 Resp: 114638

Ion Ratio Lower Upper

65 100

67 47.1 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

40000

30000

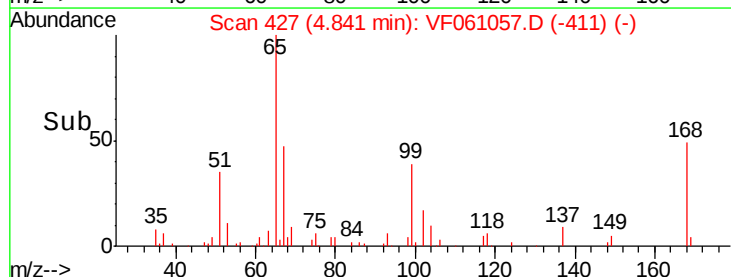
20000

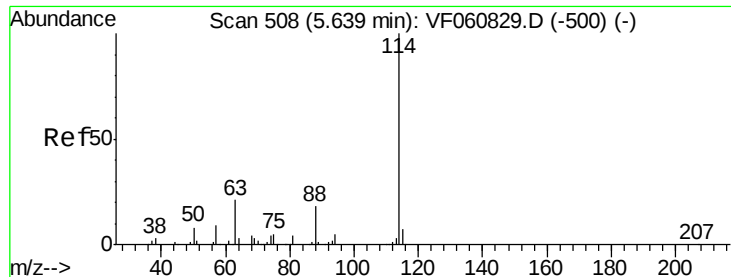
10000

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. -0.04 min

Lab File: VF061057.D

Acq: 18 Dec 2018 12:27

Instrument :

MSVOA_F

ClientSampleId :

VF1218SBL01

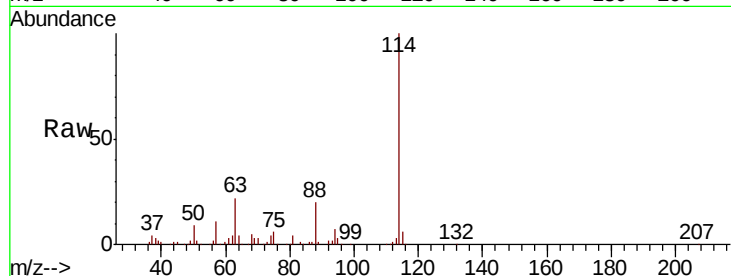
Tot Ion:114 Resp: 298160

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.6

88 20.1 0.0 36.6

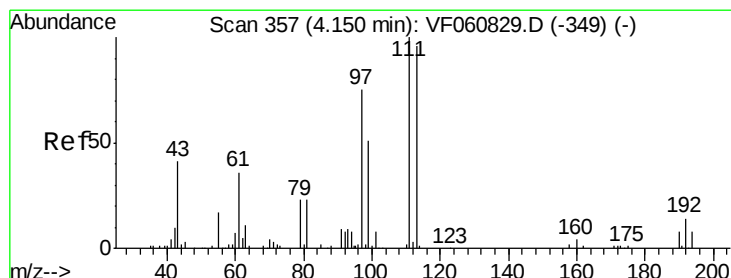
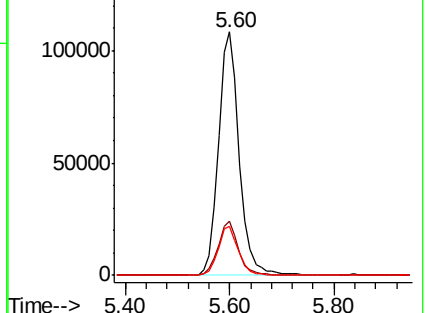
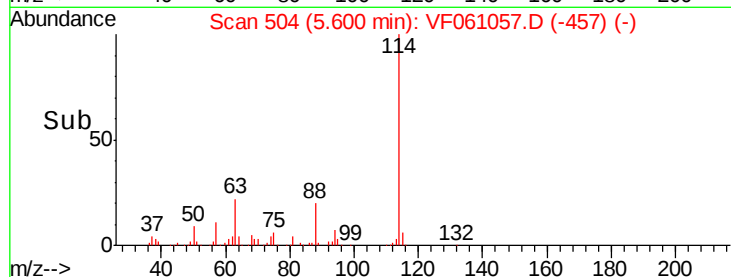


Abundance

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: 54.084 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF061057.D

Acq: 18 Dec 2018 12:27

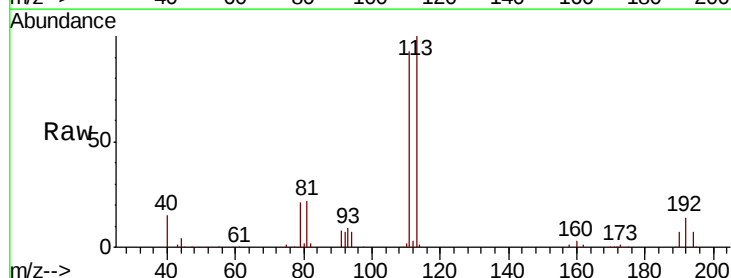
Tgt Ion:113 Resp: 127930

Ion Ratio Lower Upper

113 100

111 93.2 83.0 124.6

192 13.7 12.3 18.5

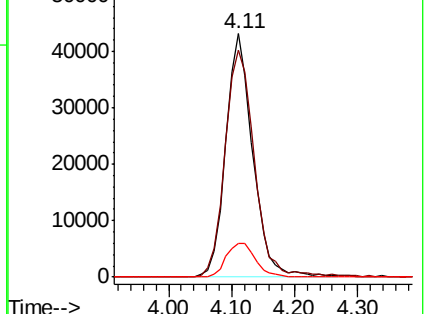
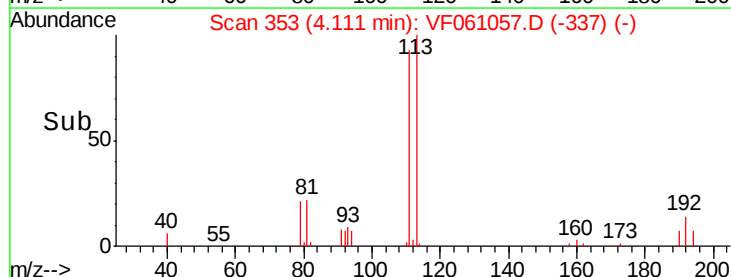


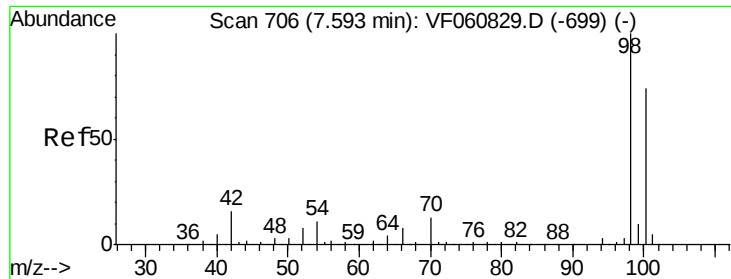
Abundance

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: 47.279 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.04 min

Lab File: VF061057.D

Acq: 18 Dec 2018 12:27

Instrument :

MSVOA_F

ClientSampleId :

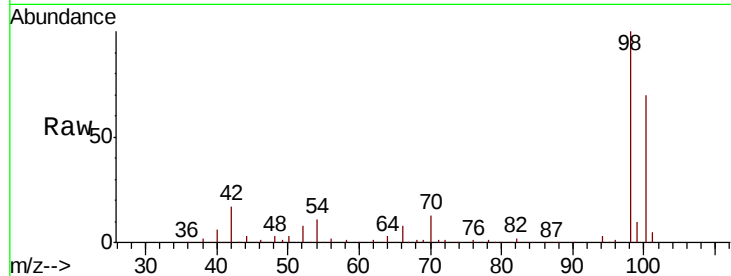
VF1218SBL01

Tot Ion: 98 Resp: 329424

Ion Ratio Lower Upper

98 100

100 69.9 59.3 88.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.55

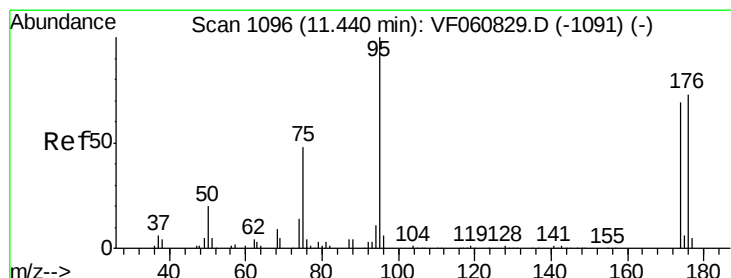
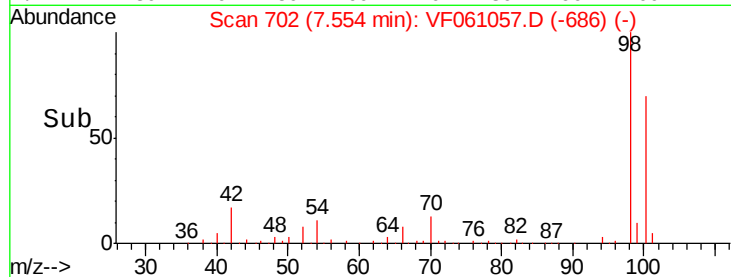
150000

100000

50000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 50.342 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF061057.D

Acq: 18 Dec 2018 12:27

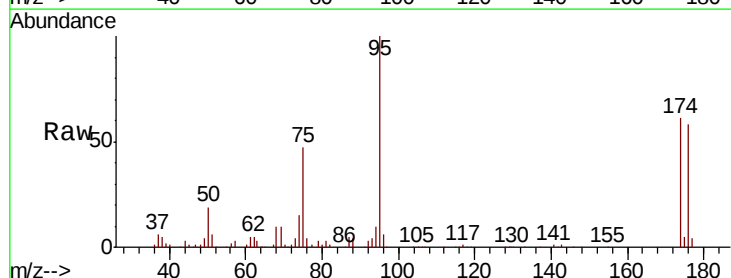
Tgt Ion: 95 Resp: 159418

Ion Ratio Lower Upper

95 100

174 60.9 0.0 138.2

176 58.2 0.0 146.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

120000

100000

80000

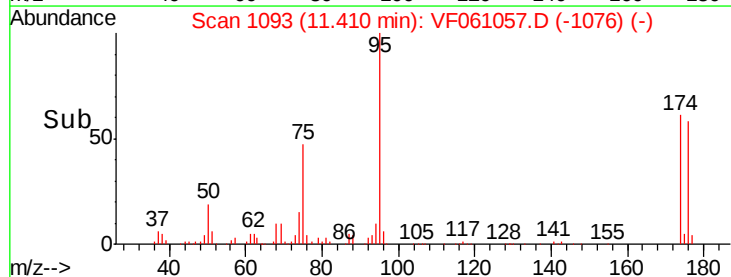
60000

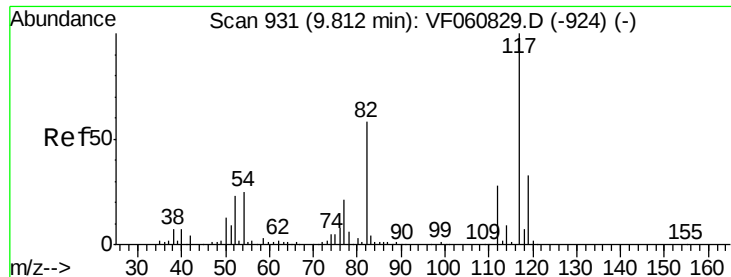
40000

20000

0

Time--> 11.30 11.40 11.50

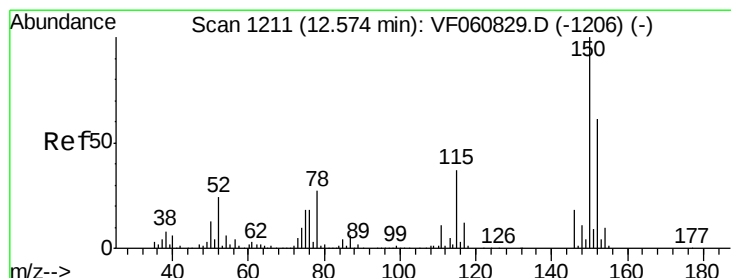
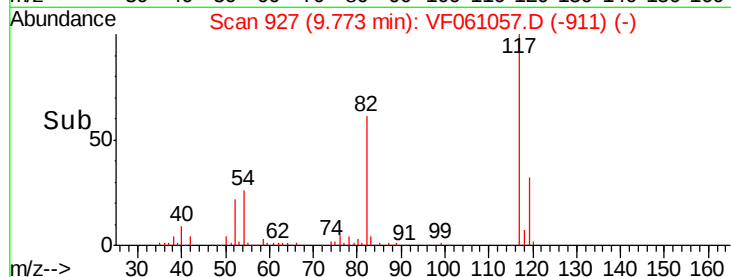
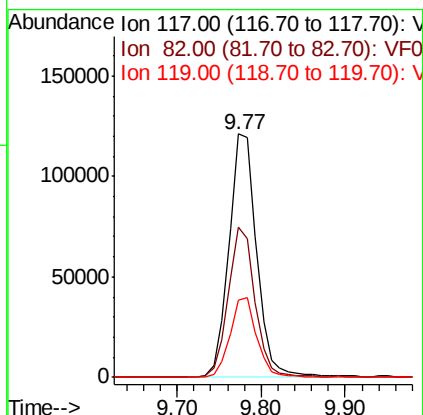
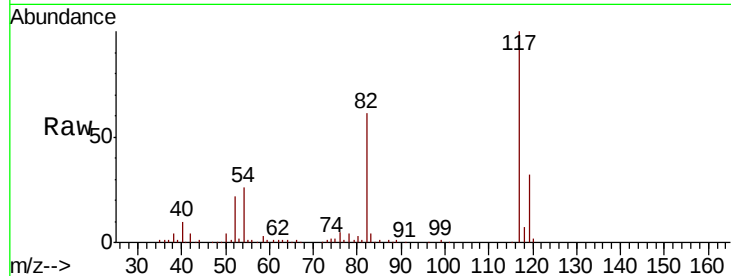




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF061057.D
Acq: 18 Dec 2018 12:27

Instrument :
MSVOA_F
ClientSampleId :
VF1218SBL01

Tot Ion:117 Resp: 278998
Ion Ratio Lower Upper
117 100
82 61.5 46.6 69.8
119 31.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF061057.D
Acq: 18 Dec 2018 12:27

Tgt Ion:152 Resp: 156854
Ion Ratio Lower Upper
152 100
115 60.5 30.1 90.5
150 151.9 0.0 327.6

