

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120318\
 Data File : VF060888.D
 Acq On : 3 Dec 2018 13:30
 Operator : VA/AP
 Sample : VF1203SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1203SBL01

Quant Time: Dec 04 03:25:31 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	207481	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.61	114	343436	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	312898	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	182165	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	139008	56.87	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	113.74%	
35) Dibromofluoromethane	4.13	113	154094	56.56	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	113.12%	
50) Toluene-d8	7.58	98	402663	50.17	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.42	95	191324	52.45	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.90%	

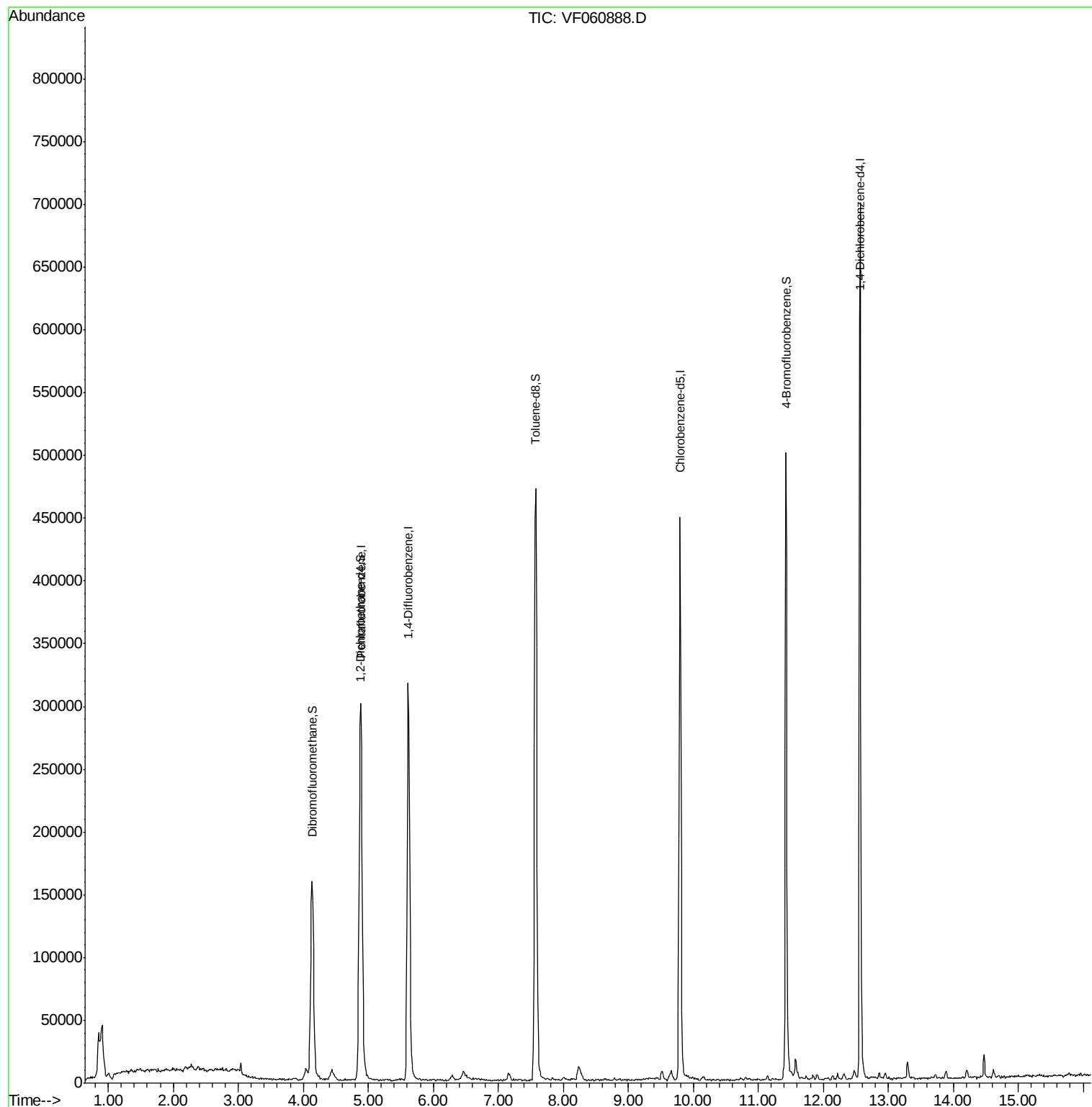
Target Compounds	Qvalue

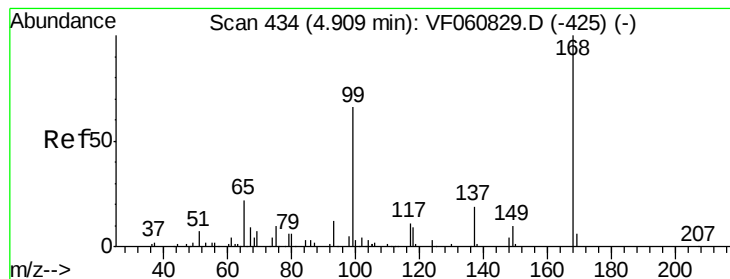
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF120318\
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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: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF060888.D

Acq: 3 Dec 2018 13:30

Instrument :

MSVOA_F

ClientSampleId :

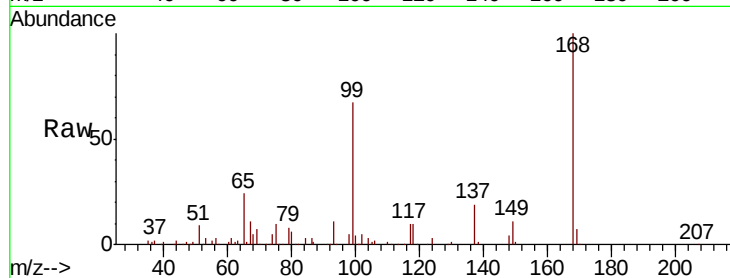
VF1203SBL01

Tot Ion:168 Resp: 207481

Ion Ratio Lower Upper

168 100

99 67.4 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

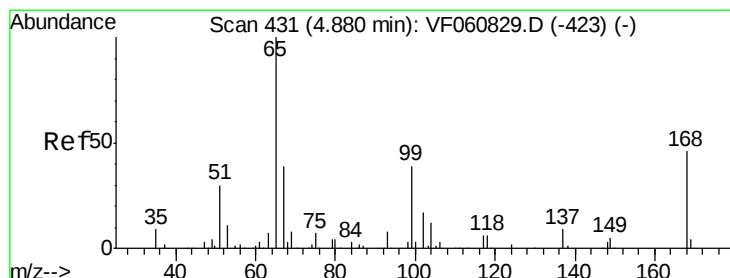
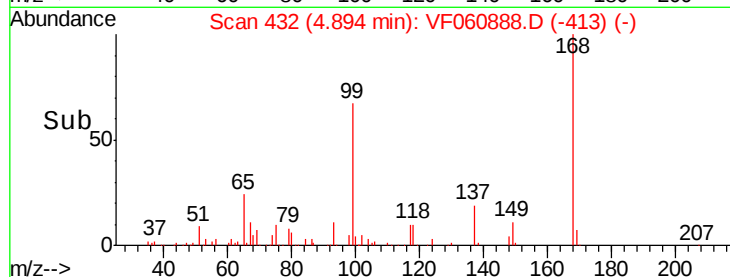
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 56.873 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF060888.D

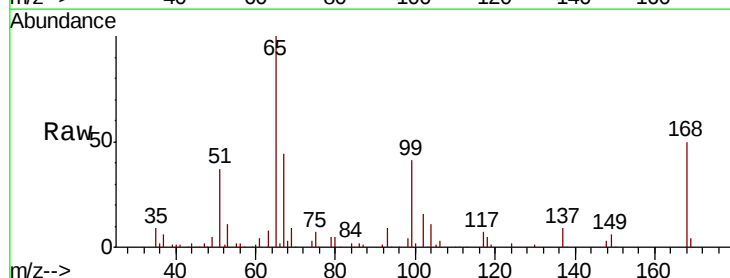
Acq: 3 Dec 2018 13:30

Tgt Ion: 65 Resp: 139008

Ion Ratio Lower Upper

65 100

67 43.8 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

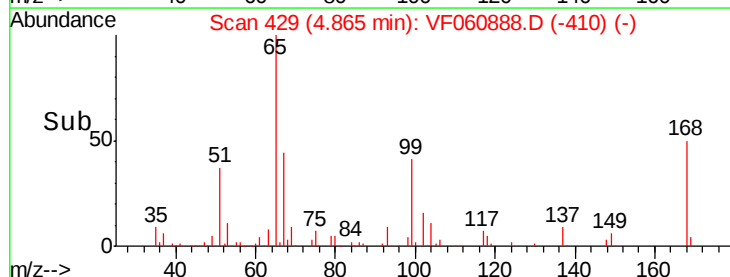
30000

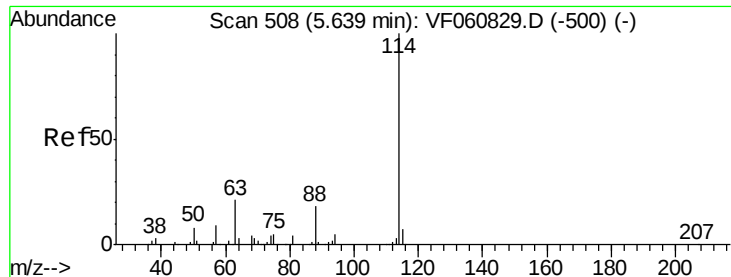
20000

10000

0

Time--> 4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.02 min

Lab File: VF060888.D

Acq: 3 Dec 2018 13:30

Instrument :

MSVOA_F

ClientSampleId :

VF1203SBL01

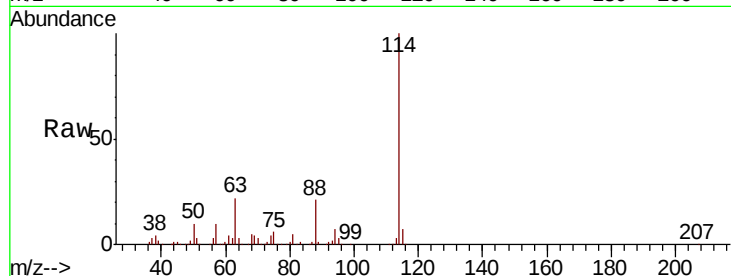
Tot Ion:114 Resp: 343436

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.6

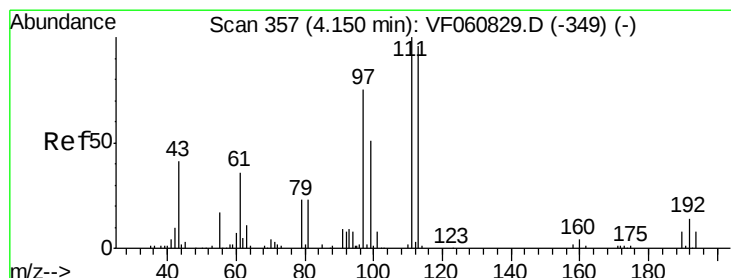
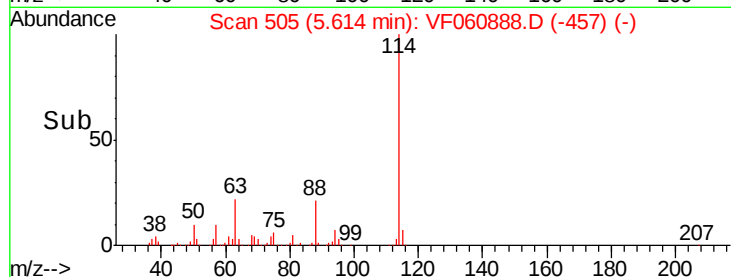
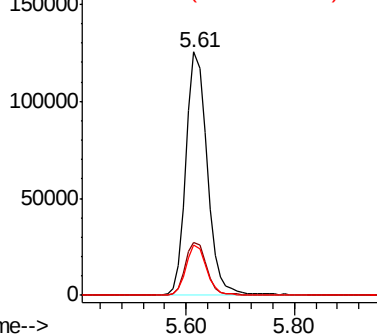
88 20.6 0.0 36.6



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: 56.557 ug/l

RT: 4.13 min Scan# 355

Delta R.T. -0.02 min

Lab File: VF060888.D

Acq: 3 Dec 2018 13:30

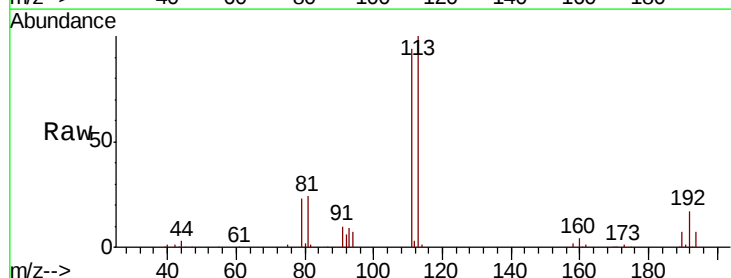
Tgt Ion:113 Resp: 154094

Ion Ratio Lower Upper

113 100

111 93.5 83.0 124.6

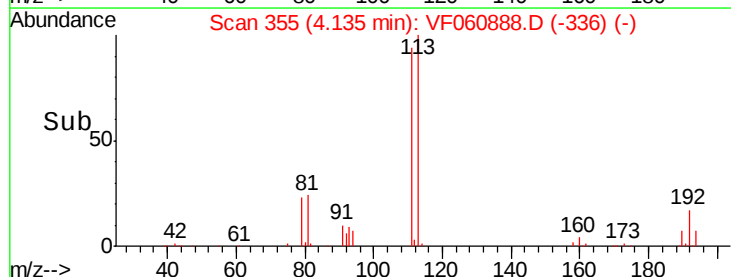
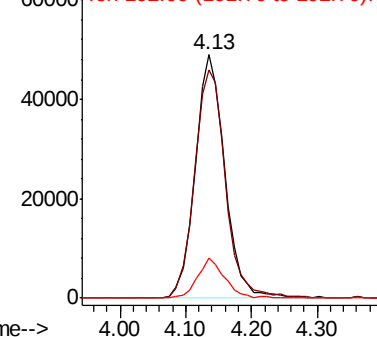
192 16.5 12.3 18.5

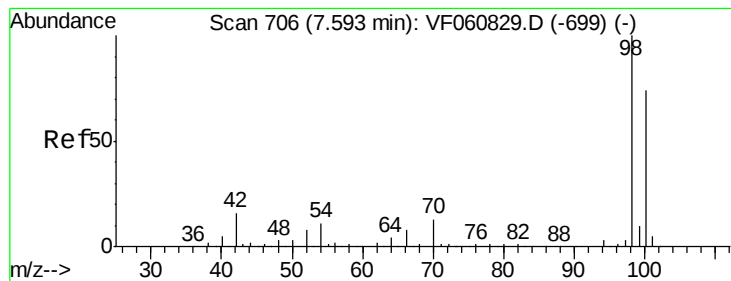


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 50.171 ug/l

RT: 7.58 min Scan# 704

Delta R.T. -0.02 min

Lab File: VF060888.D

Acq: 3 Dec 2018 13:30

Instrument :

MSVOA_F

ClientSampleId :

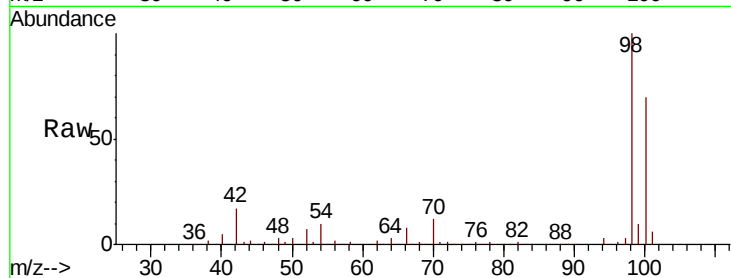
VF1203SBL01

Tot Ion: 98 Resp: 402663

Ion Ratio Lower Upper

98 100

100 70.5 59.3 88.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.58

150000

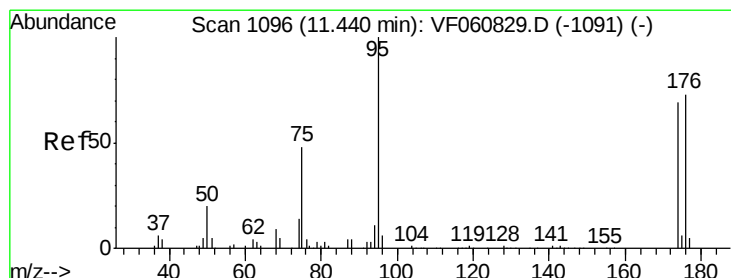
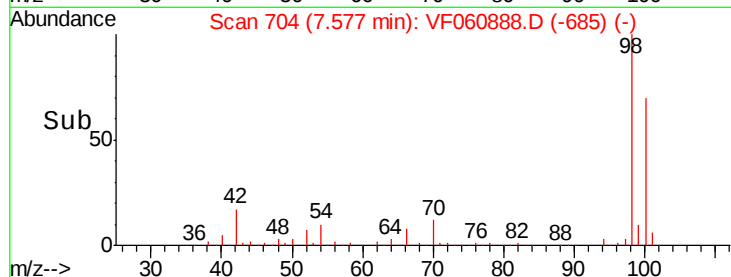
100000

50000

0

Time-->

7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 52.452 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.02 min

Lab File: VF060888.D

Acq: 3 Dec 2018 13:30

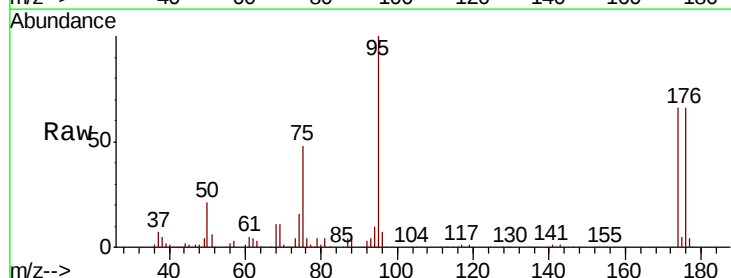
Tgt Ion: 95 Resp: 191324

Ion Ratio Lower Upper

95 100

174 65.8 0.0 138.2

176 66.1 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

150000

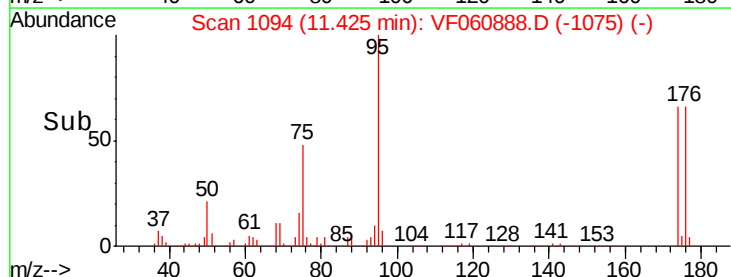
100000

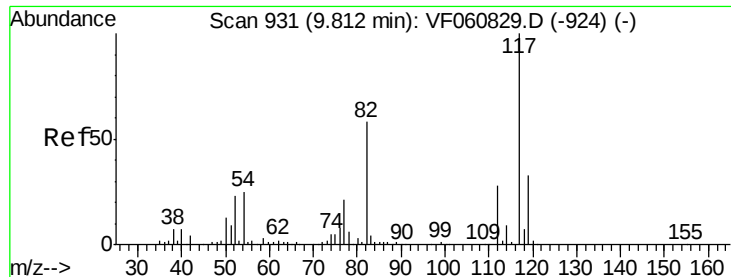
50000

0

Time-->

11.30 11.40 11.50 11.60

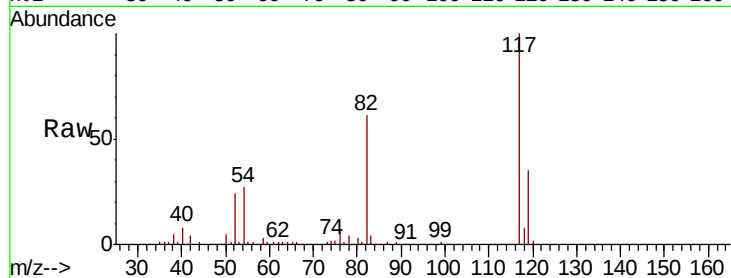




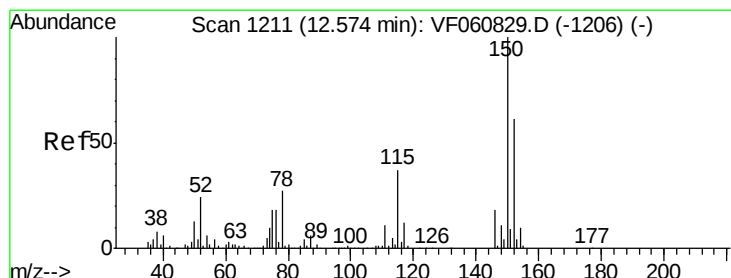
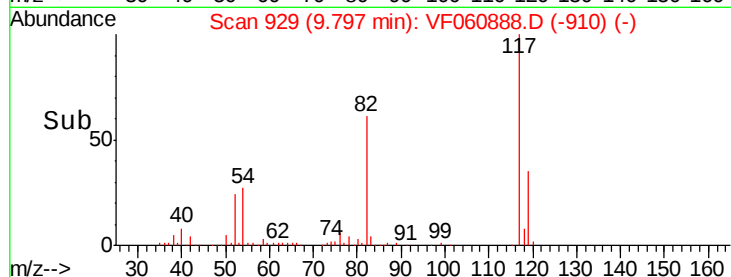
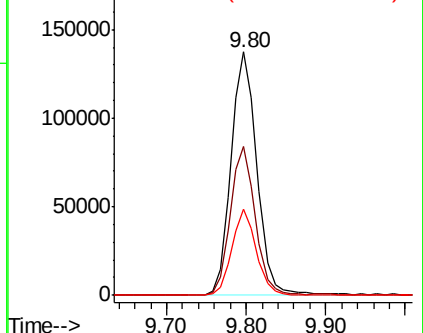
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Instrument :
MSVOA_F
ClientSampleId :
VF1203SBL01

Tot Ion:117 Resp: 312898
Ion Ratio Lower Upper
117 100
82 61.1 46.6 69.8
119 35.2 26.4 39.6

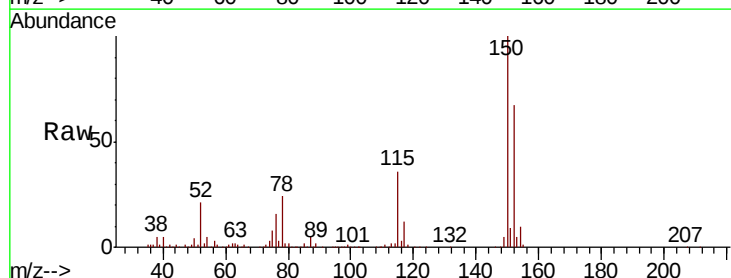


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Tgt Ion:152 Resp: 182165
Ion Ratio Lower Upper
152 100
115 54.1 30.1 90.5
150 148.5 0.0 327.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

