

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059701.D
 Acq On : 31 Jul 2018 11:18
 Operator : VA/AP
 Sample : VF0731SBL01
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0731SBL01

Quant Time: Aug 01 14:31:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 05:19:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	205783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	296220	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	290802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	191782	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	196506	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
35) Dibromofluoromethane	4.29	113	170098	55.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.58%	
50) Toluene-d8	7.71	98	350598	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.51	95	197367	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

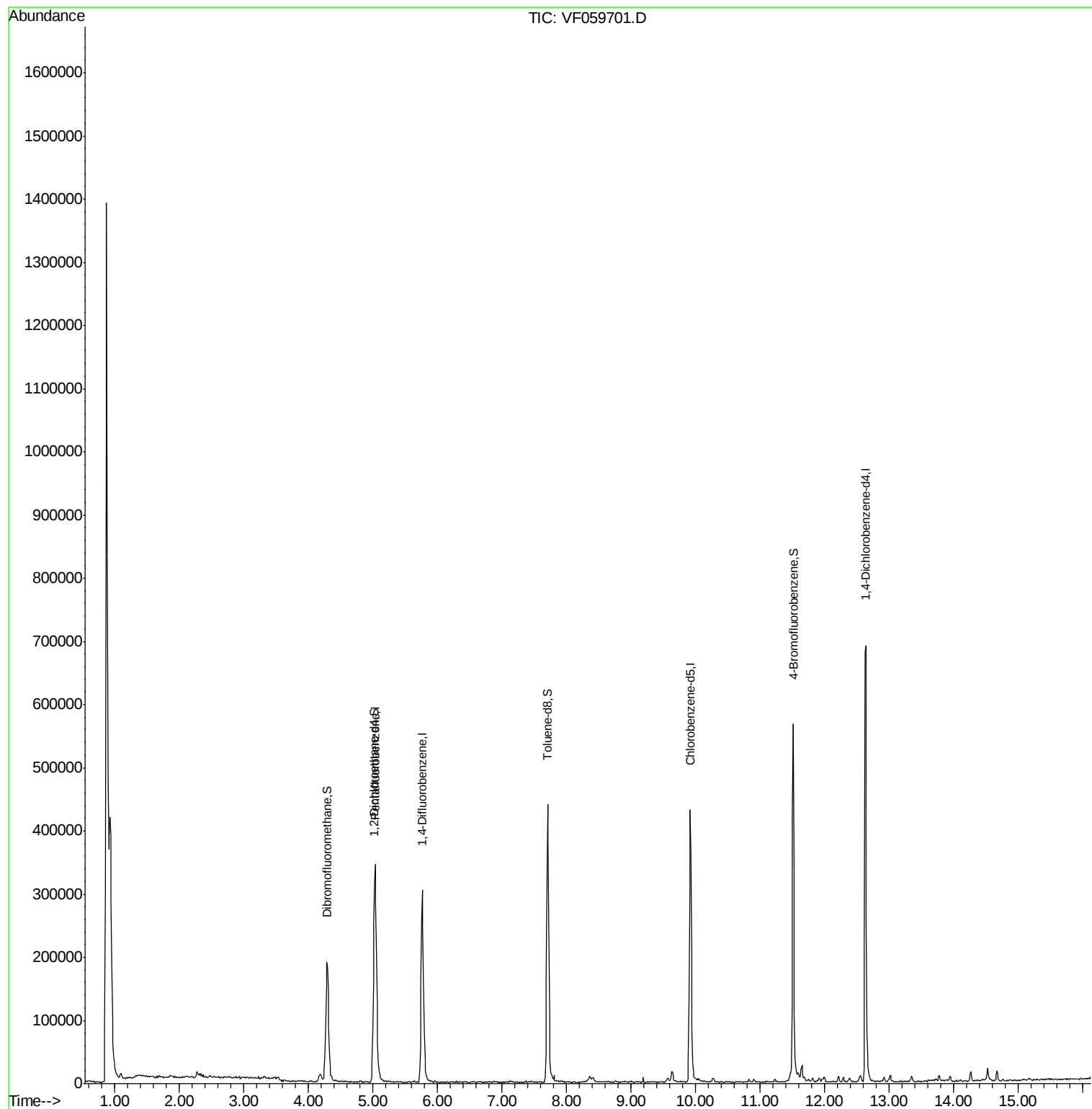
Target Compounds	Qvalue

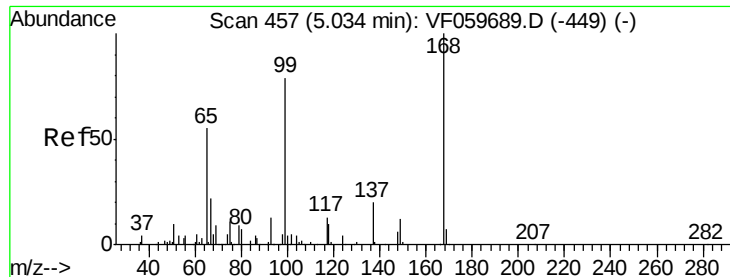
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF073118\
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Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:19:18 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059701.D

Acq: 31 Jul 2018 11:18

Instrument :

MSVOA_F

ClientSampleId :

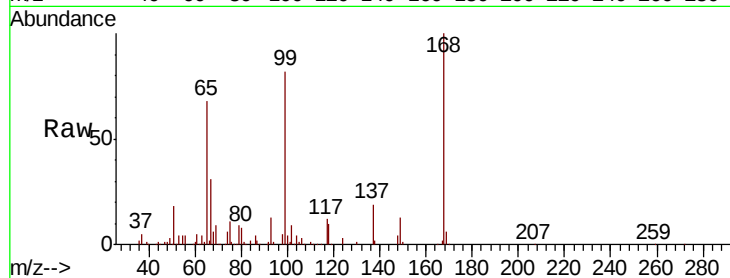
VF0731SBL01

Tot Ion:168 Resp: 205783

Ion Ratio Lower Upper

168 100

99 81.7 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

60000

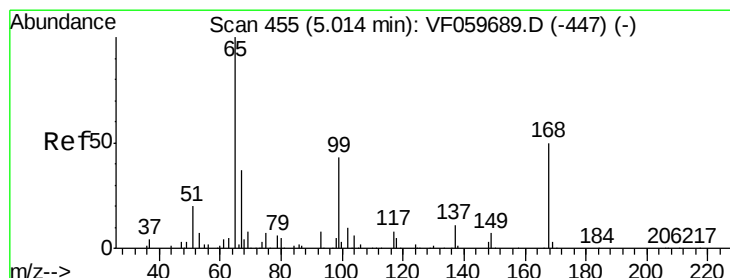
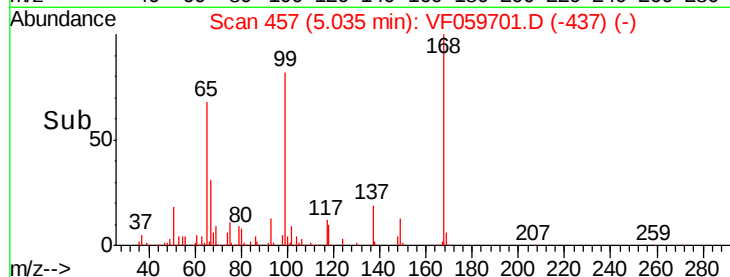
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 53.134 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059701.D

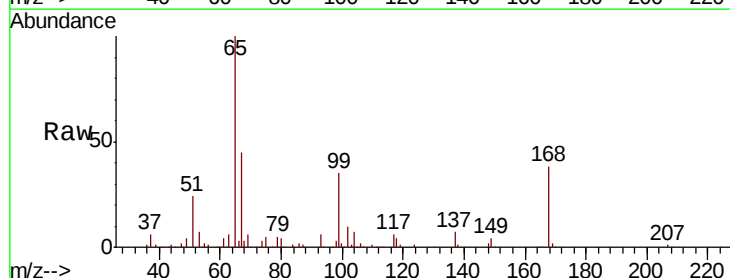
Acq: 31 Jul 2018 11:18

Tgt Ion: 65 Resp: 196506

Ion Ratio Lower Upper

65 100

67 45.0 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

80000

60000

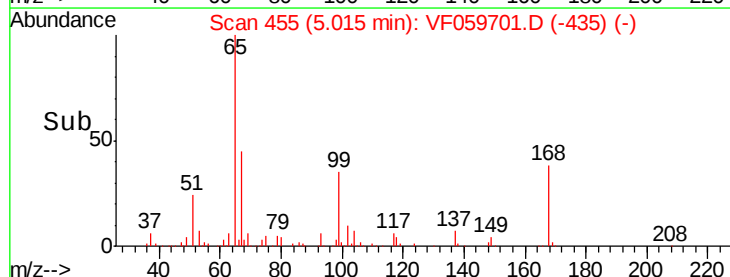
40000

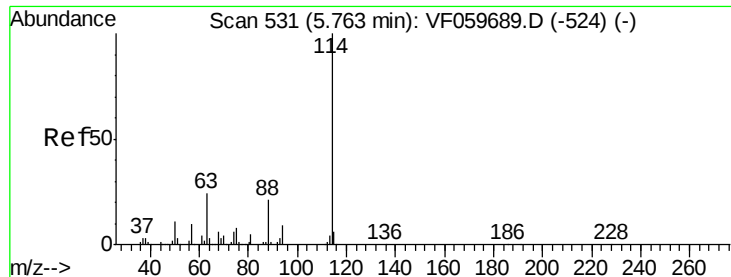
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059701.D

Acq: 31 Jul 2018 11:18

Instrument :

MSVOA_F

ClientSampleId :

VF0731SBL01

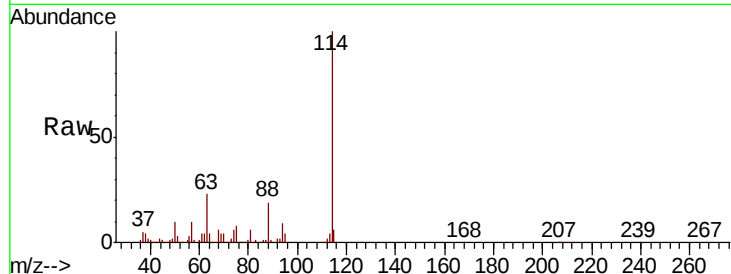
Tot Ion:114 Resp: 296220

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.4

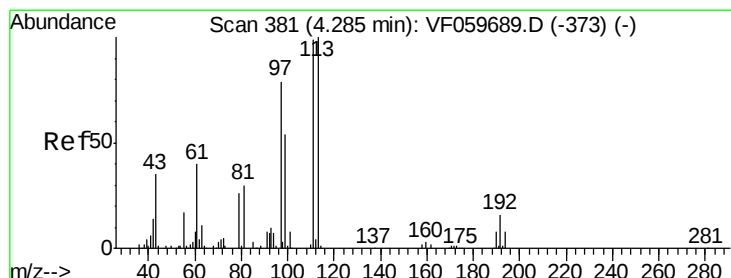
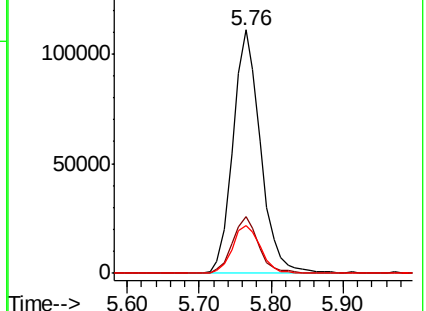
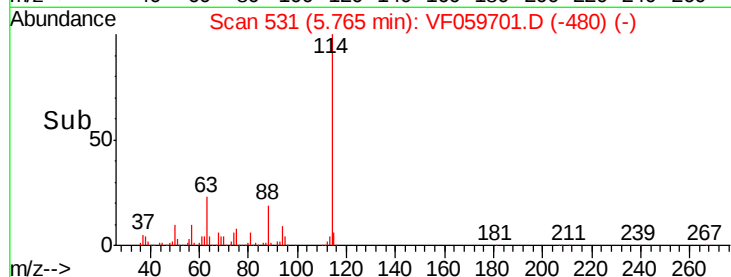
88 19.4 0.0 41.2



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: 55.286 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059701.D

Acq: 31 Jul 2018 11:18

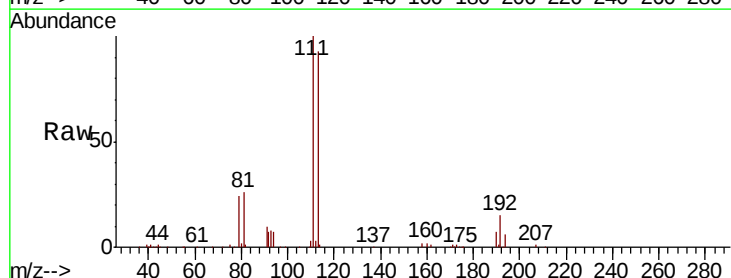
Tgt Ion:113 Resp: 170098

Ion Ratio Lower Upper

113 100

111 107.4 79.0 118.4

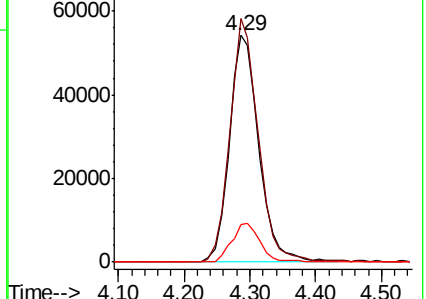
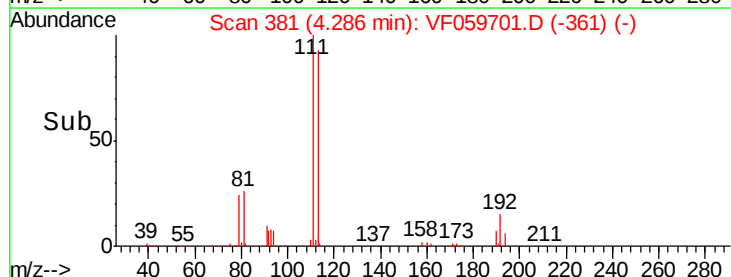
192 16.6 13.2 19.8

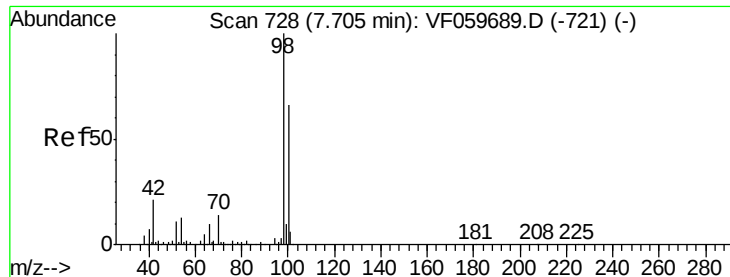


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 48.866 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059701.D

Acq: 31 Jul 2018 11:18

Instrument :

MSVOA_F

ClientSampleId :

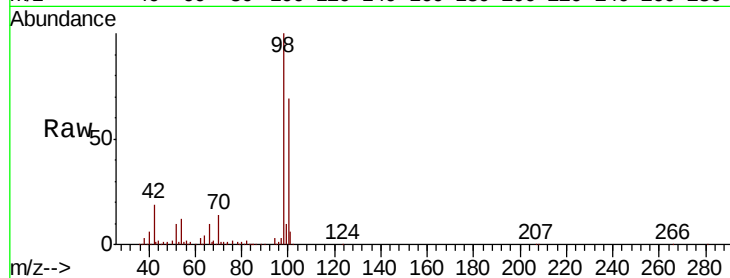
VF0731SBL01

Tot Ion: 98 Resp: 350598

Ion Ratio Lower Upper

98 100

100 68.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

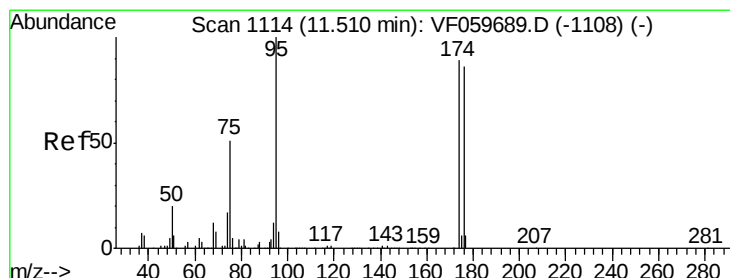
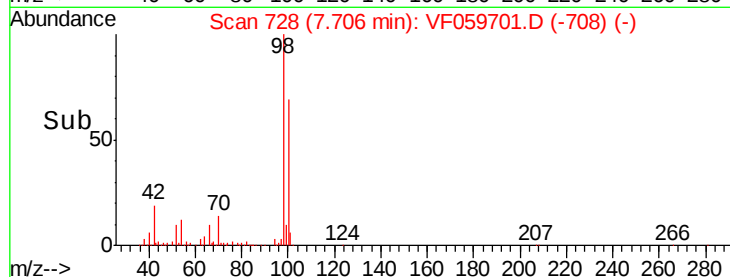
100000

50000

0

7.60 7.70 7.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.690 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059701.D

Acq: 31 Jul 2018 11:18

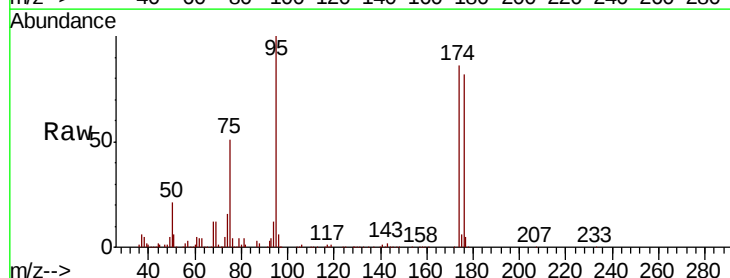
Tgt Ion: 95 Resp: 197367

Ion Ratio Lower Upper

95 100

174 85.5 0.0 178.4

176 81.5 0.0 173.0



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

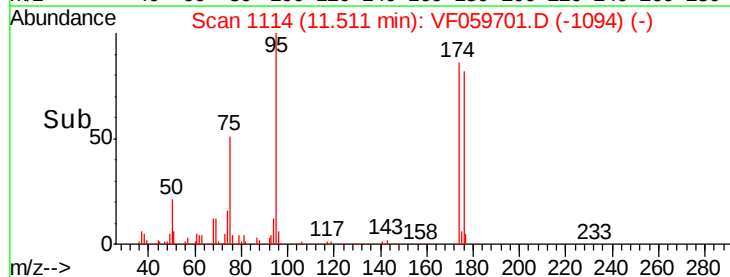
100000

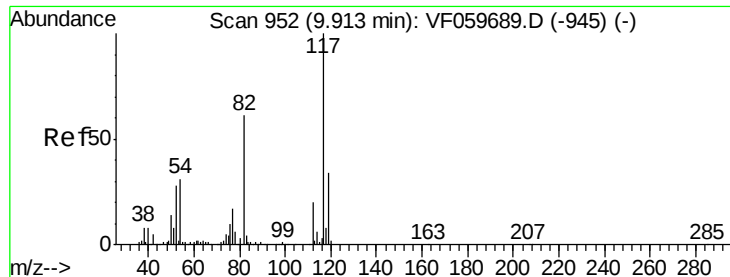
50000

0

11.40 11.50 11.60 11.70

Time-->

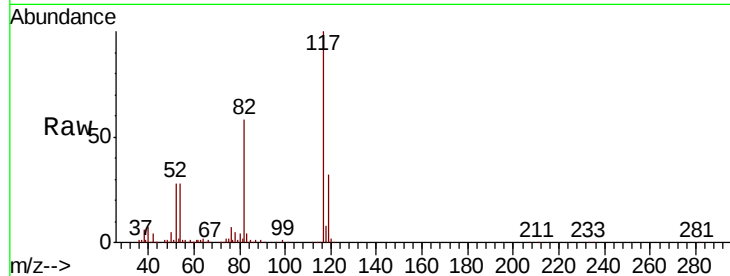




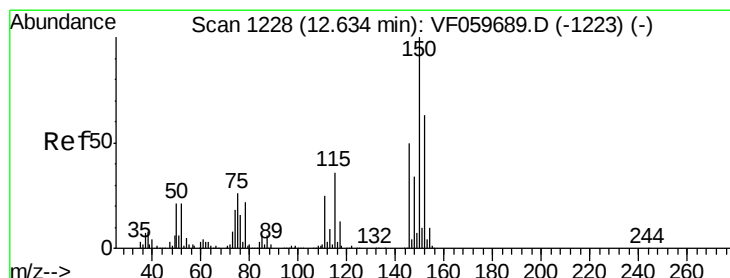
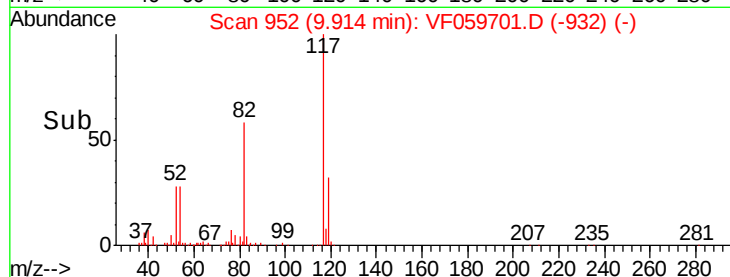
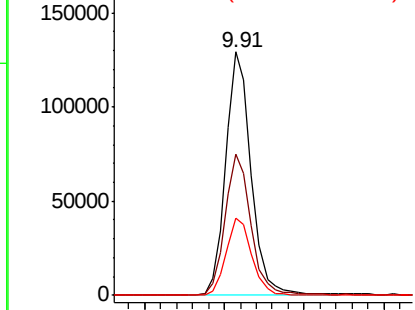
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059701.D
Acq: 31 Jul 2018 11:18

Instrument :
MSVOA_F
ClientSampleId :
VF0731SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	49.0	73.4
119	32.0	27.3	40.9

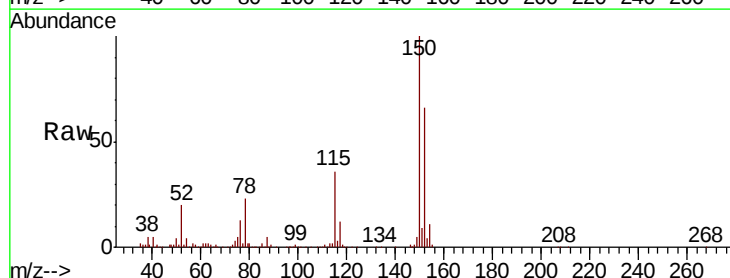


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059701.D
Acq: 31 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.6
150	152.5	0.0	316.2



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

