

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059726.D
 Acq On : 1 Aug 2018 00:54
 Operator : VA/AP
 Sample : VF0731SBL02
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0731SBL02

Quant Time: Aug 01 08:01:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	164389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	240871	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	229315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	157481	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	157409	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
35) Dibromofluoromethane	4.29	113	127553	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
50) Toluene-d8	7.71	98	269392	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
62) 4-Bromofluorobenzene	11.51	95	149458	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	

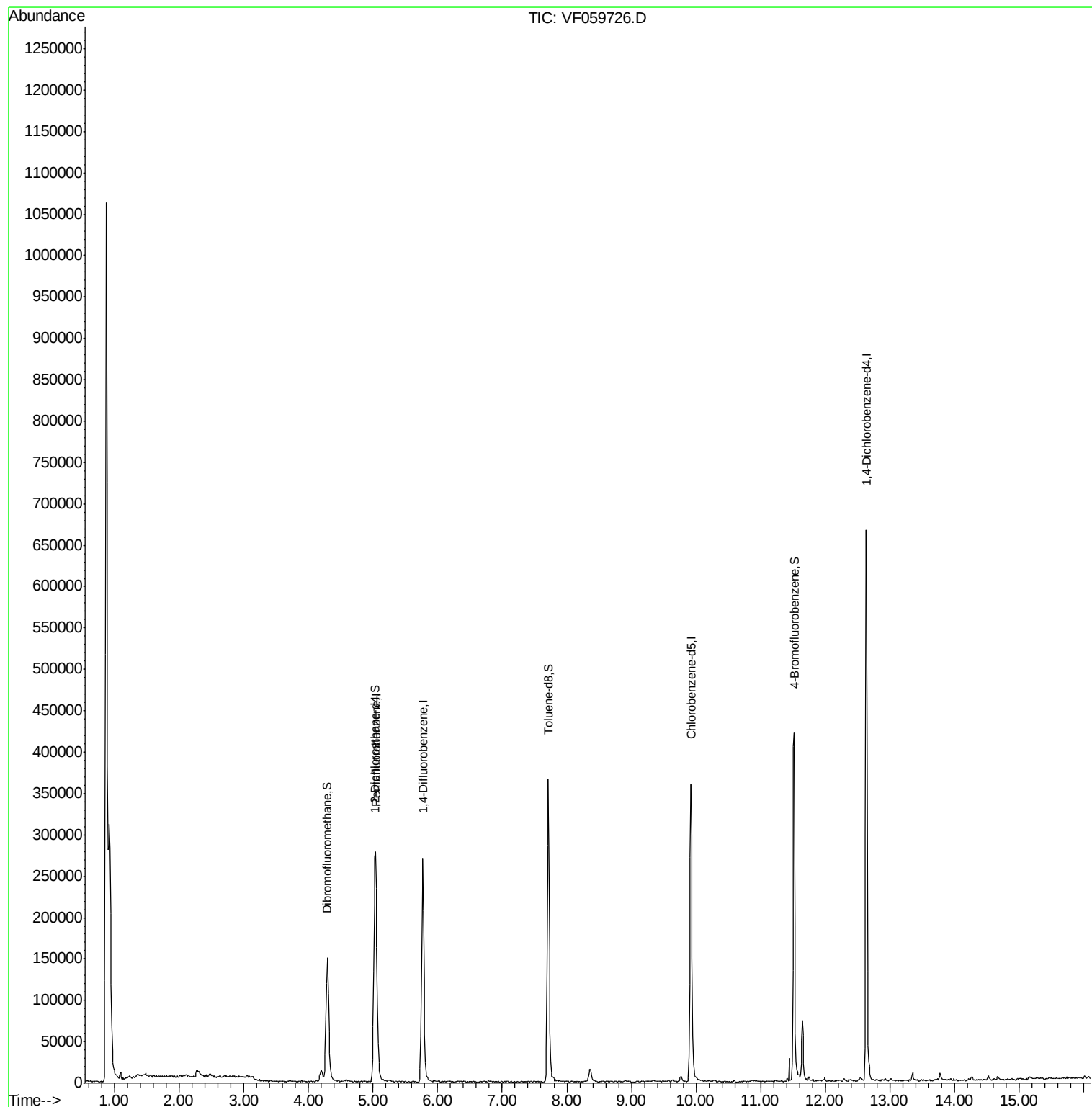
Target Compounds	Qvalue
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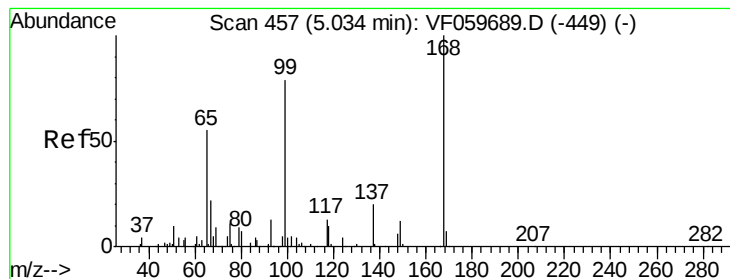
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059726.D

Acq: 1 Aug 2018 00:54

Instrument :

MSVOA_F

ClientSampleId :

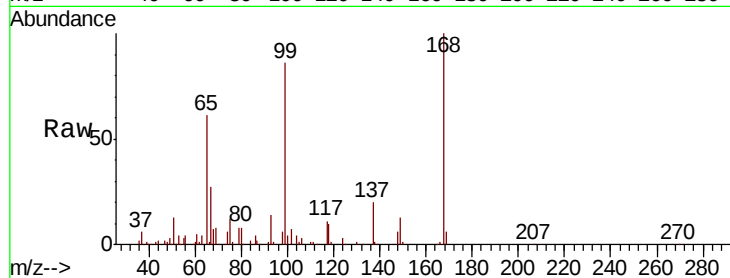
VF0731SBL02

Tot Ion:168 Resp: 164389

Ion Ratio Lower Upper

168 100

99 85.8 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

60000

50000

40000

30000

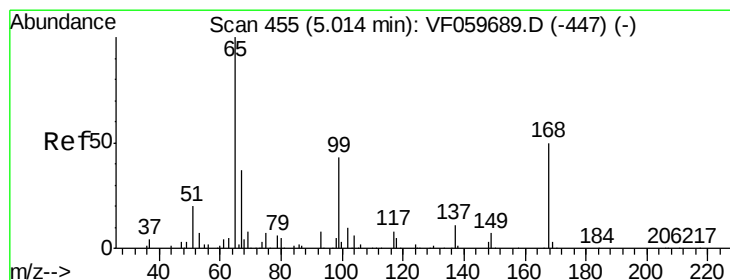
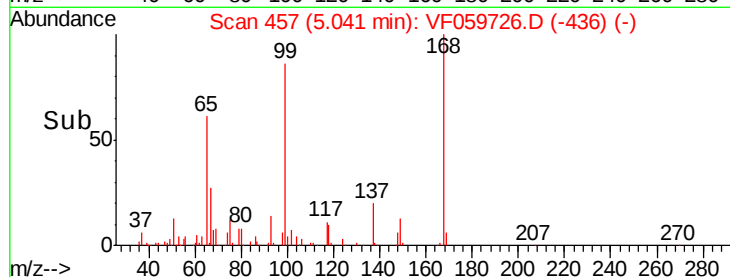
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.280 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059726.D

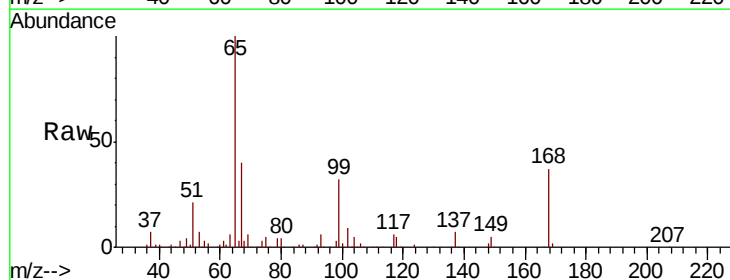
Acq: 1 Aug 2018 00:54

Tgt Ion: 65 Resp: 157409

Ion Ratio Lower Upper

65 100

67 40.0 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

60000

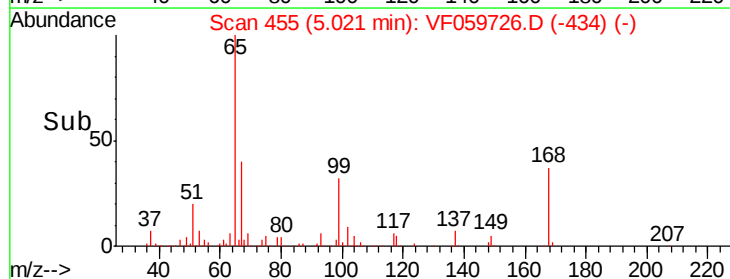
40000

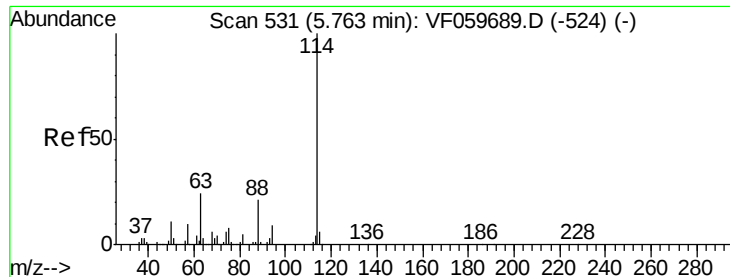
20000

0

4.90 5.00 5.10 5.20

Time-->

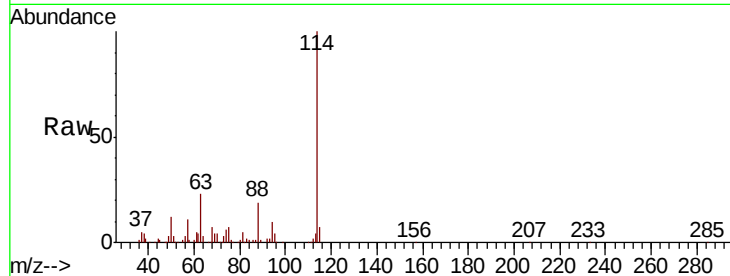




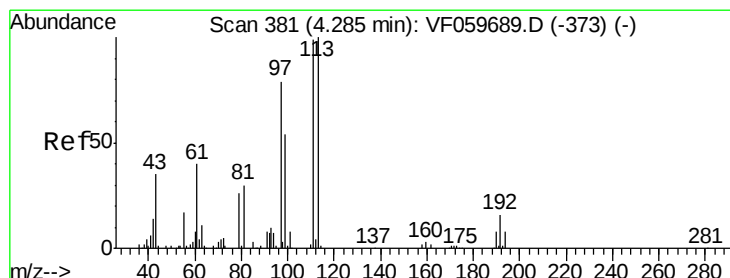
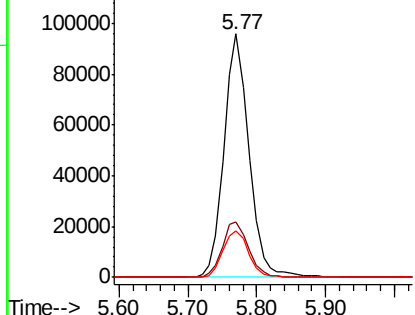
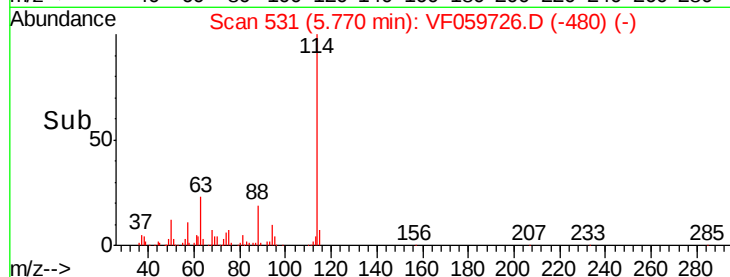
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VF059726.D
 Acq: 1 Aug 2018 00:54

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0731SBL02

Tot Ion:114 Resp: 240871
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.4
 88 19.2 0.0 41.2

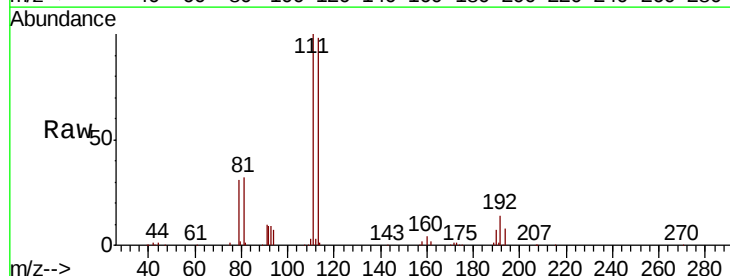


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

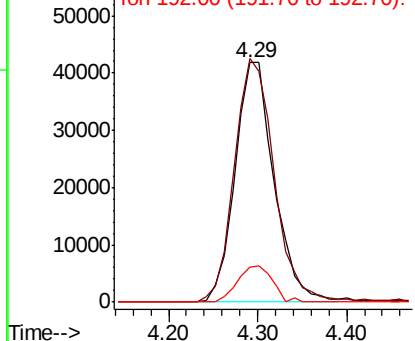
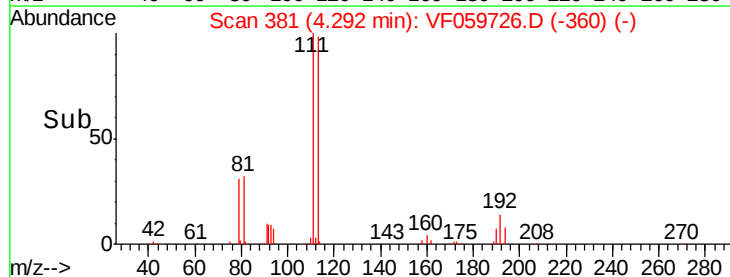


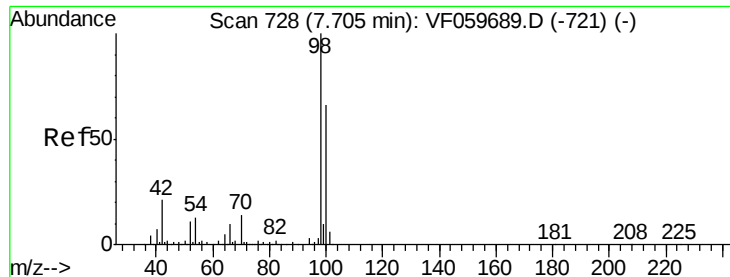
#35
 Dibromofluoromethane
 Concen: 50.984 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VF059726.D
 Acq: 1 Aug 2018 00:54

Tgt Ion:113 Resp: 127553
 Ion Ratio Lower Upper
 113 100
 111 101.6 79.0 118.4
 192 14.4 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

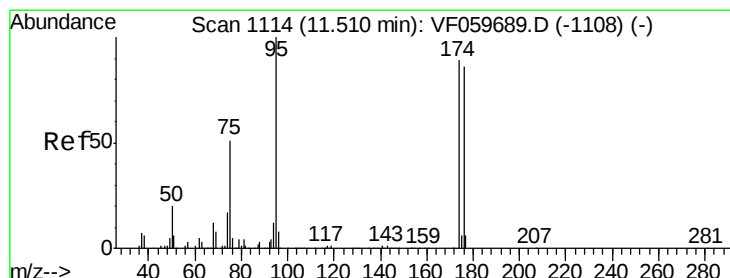
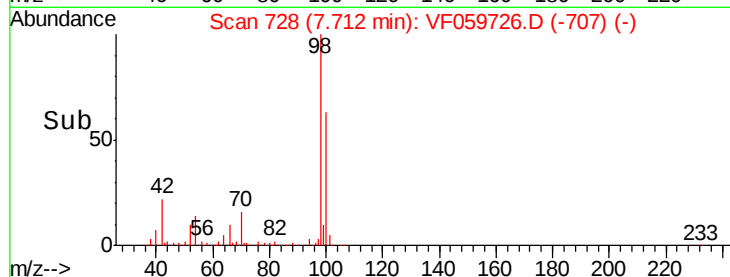
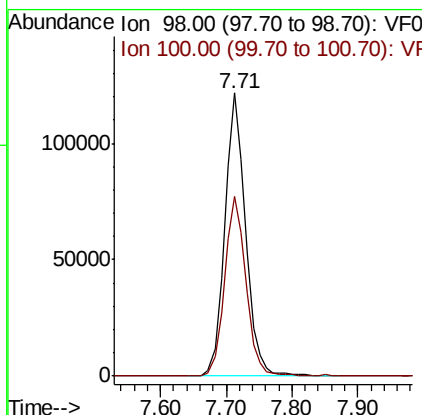
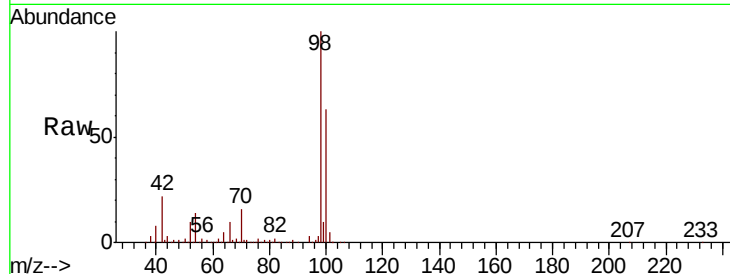




#50
Toluene-d8
Concen: 46.175 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059726.D
Acq: 1 Aug 2018 00:54

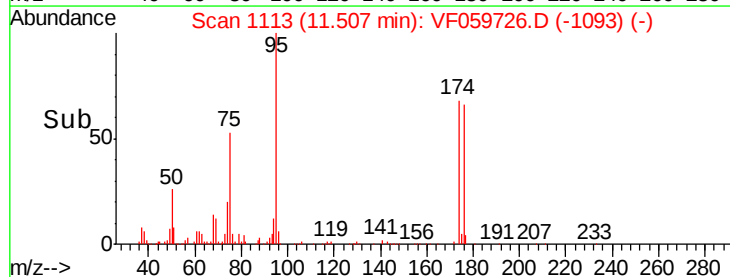
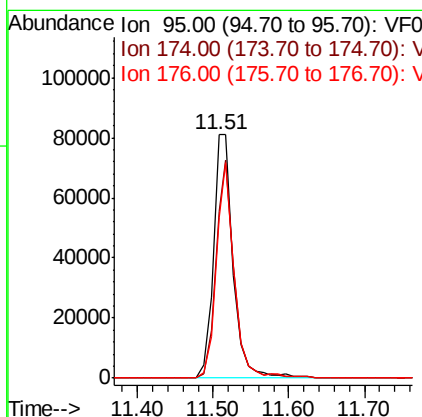
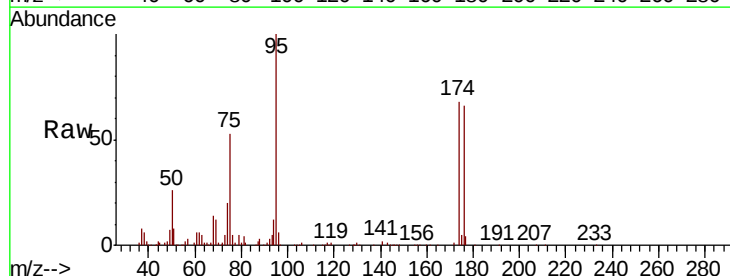
Instrument :
MSVOA_F
ClientSampleId :
VF0731SBL02

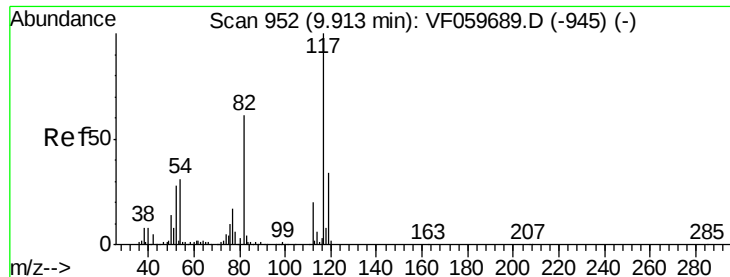
Tot Ion: 98 Resp: 269392
Ion Ratio Lower Upper
98 100
100 63.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.275 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059726.D
Acq: 1 Aug 2018 00:54

Tgt Ion: 95 Resp: 149458
Ion Ratio Lower Upper
95 100
174 68.4 0.0 178.4
176 65.8 0.0 173.0

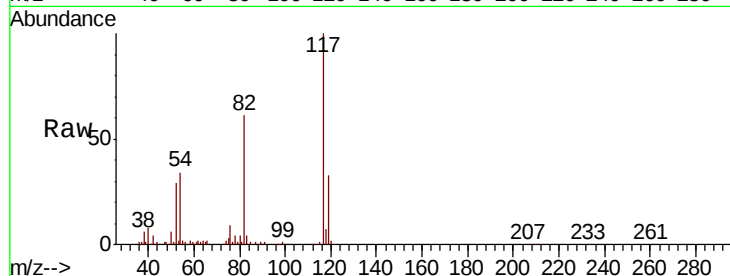




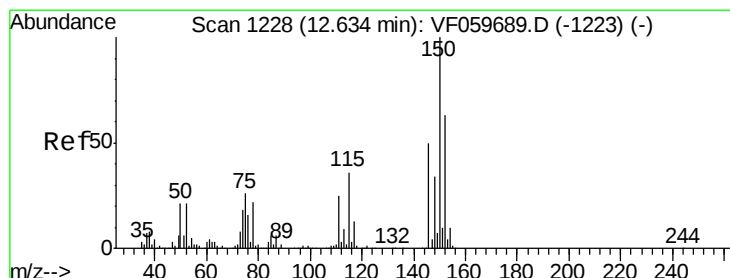
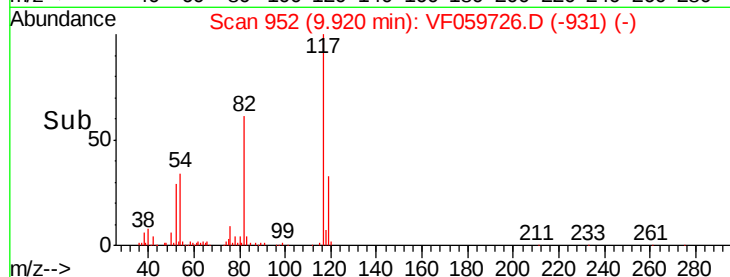
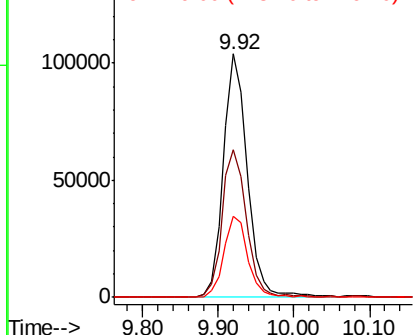
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059726.D
Acq: 1 Aug 2018 00:54

Instrument :
MSVOA_F
ClientSampleId :
VF0731SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.0	73.4
119	33.3	27.3	40.9

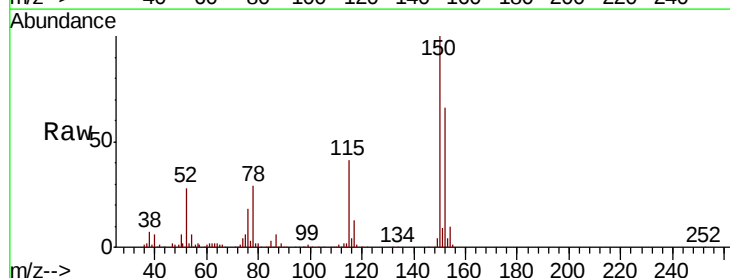


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059726.D
Acq: 1 Aug 2018 00:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	28.2	84.6
150	151.7	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

