

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
 Data File : VF060013.D
 Acq On : 20 Aug 2018 20:19
 Operator : VA/AP
 Sample : J4499-10
 Misc : 5.06g/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 LSB-08(0-1)

Quant Time: Aug 21 05:41:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	115785	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	155338	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	162818	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	104444	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	113659	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
35) Dibromofluoromethane	4.30	113	89197	56.18	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.36%	
50) Toluene-d8	7.72	98	179678	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.51	95	108897	50.26	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.52%	

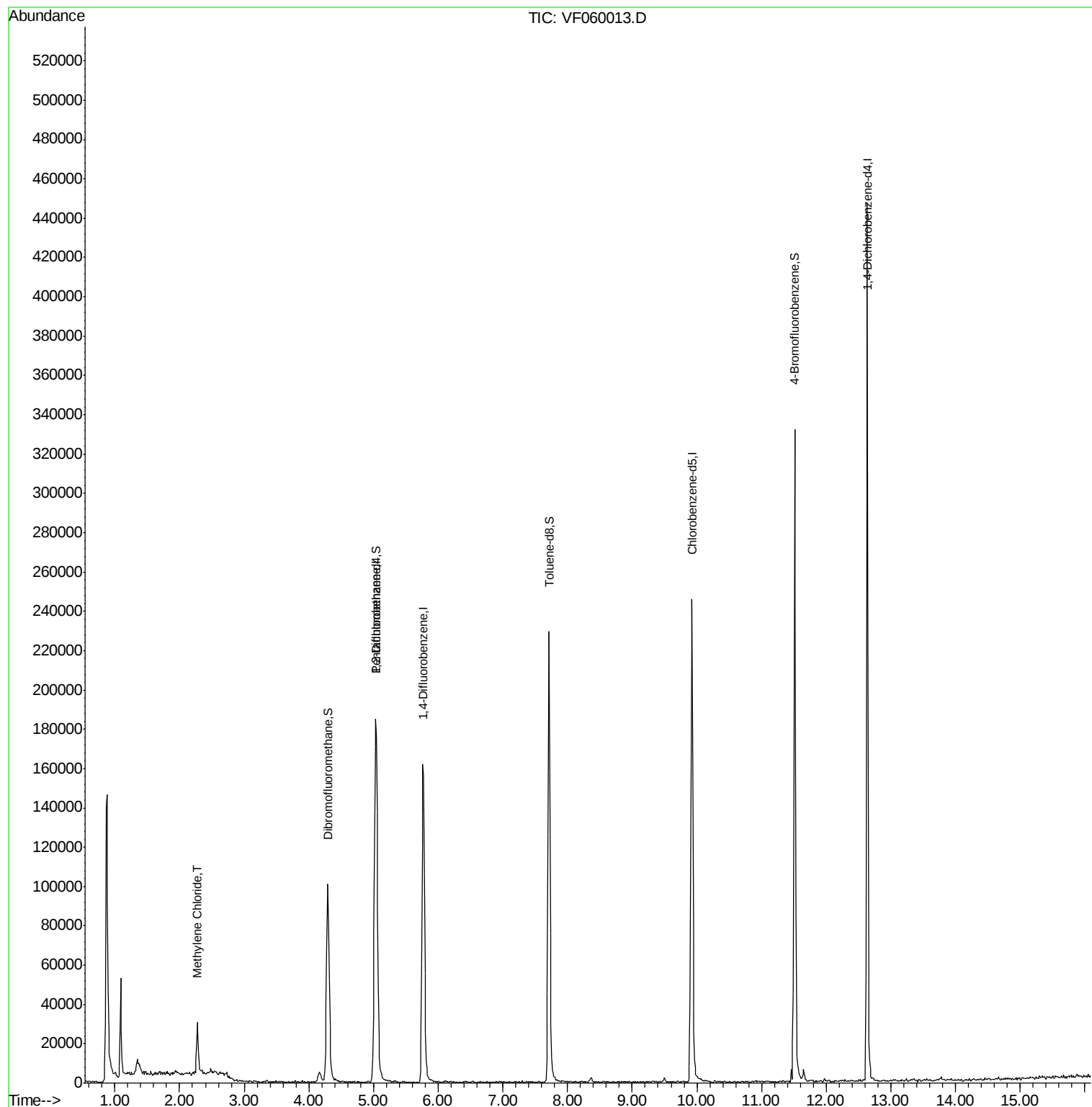
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.27	84	10772	5.04	ug/l	98

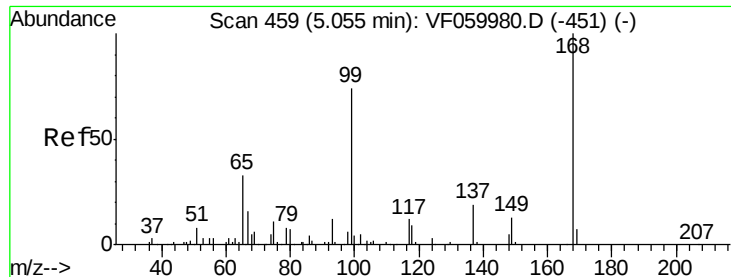
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF060013.D

Acq: 20 Aug 2018 20:19

Instrument :

MSVOA_F

ClientSampleId :

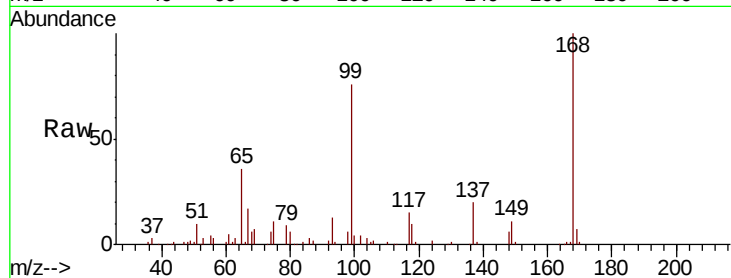
LSB-08(0-1)

Tot Ion:168 Resp: 115785

Ion Ratio Lower Upper

168 100

99 75.6 59.0 88.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

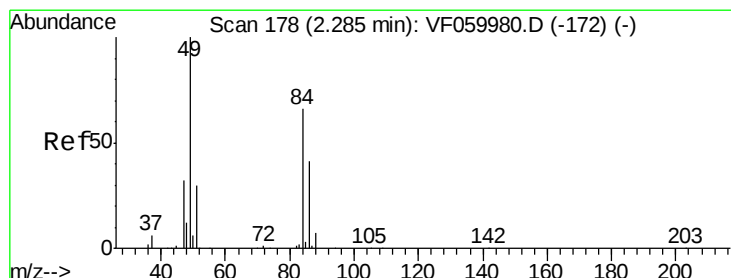
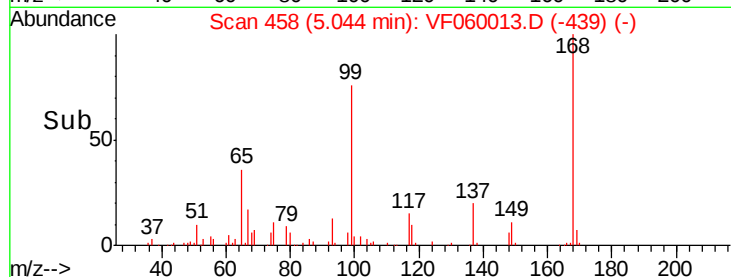
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#20

Methylene Chloride

Concen: 5.04 ug/l

RT: 2.27 min Scan# 177

Delta R.T. -0.01 min

Lab File: VF060013.D

Acq: 20 Aug 2018 20:19

Tgt Ion: 84 Resp: 10772

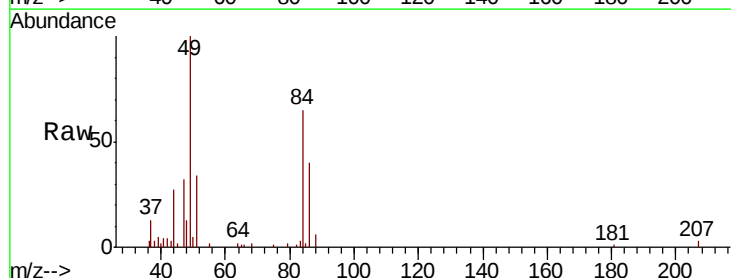
Ion Ratio Lower Upper

84 100

49 153.6 122.5 183.7

51 51.5 37.1 55.7

86 60.9 50.2 75.2



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

12000

10000

8000

6000

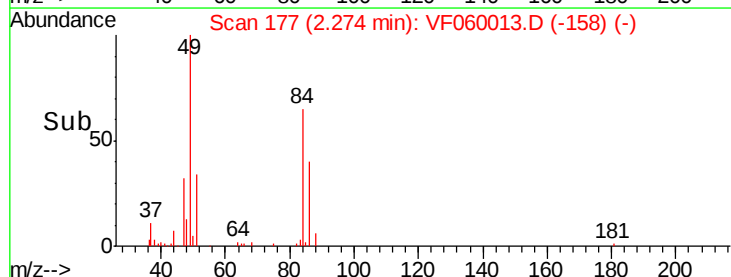
4000

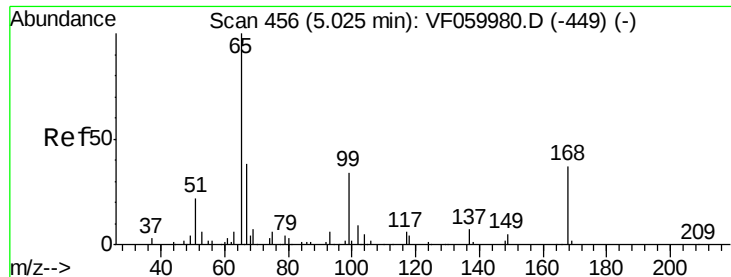
2000

0

2.20 2.30 2.40

Time-->

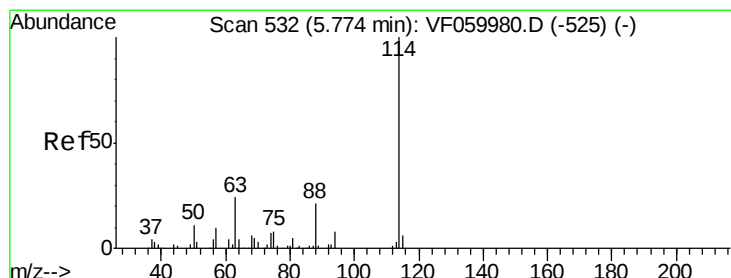
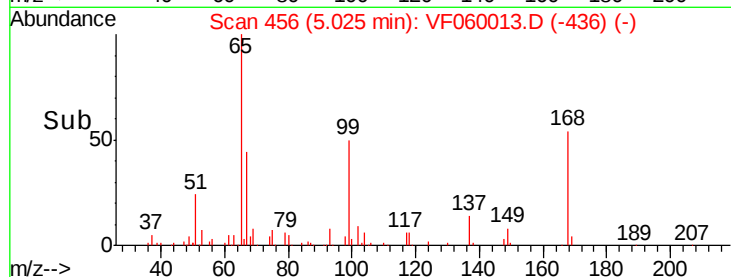
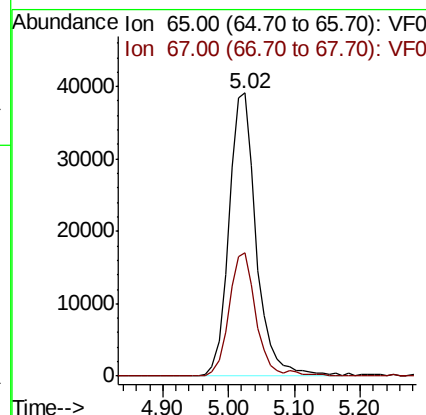
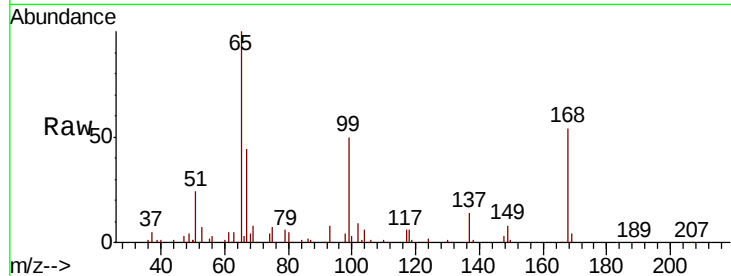




#33
 1,2-Dichloroethane-d4
 Concen: 50.85 ug/l
 RT: 5.02 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: VF060013.D
 Acq: 20 Aug 2018 20:19

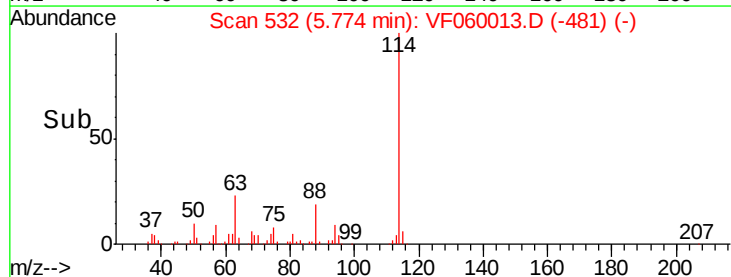
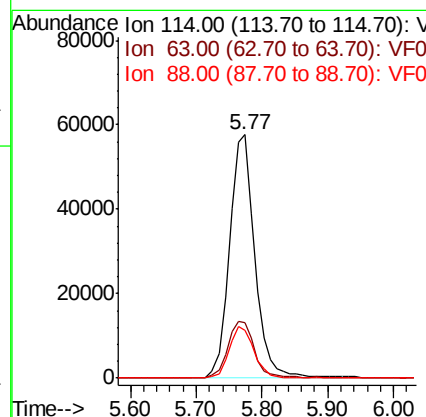
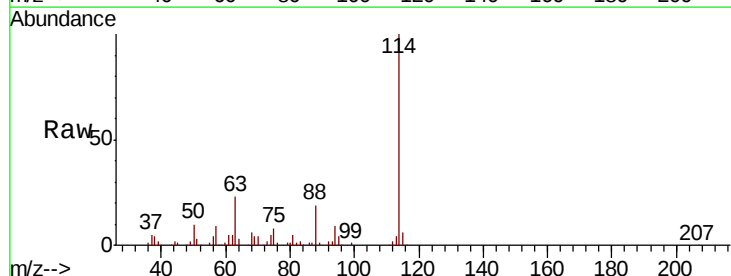
Instrument :
 MSVOA_F
 ClientSampleId :
 LSB-08(0-1)

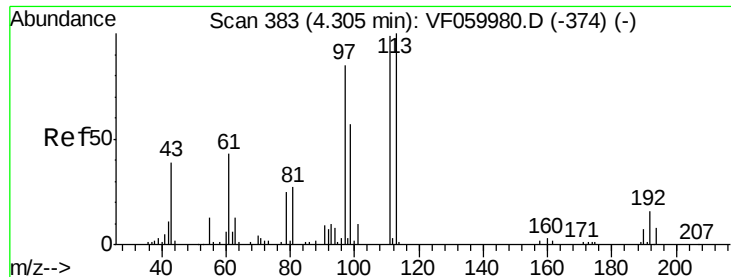
Tot Ion: 65 Resp: 113659
 Ion Ratio Lower Upper
 65 100
 67 43.5 0.0 82.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VF060013.D
 Acq: 20 Aug 2018 20:19

Tgt Ion: 114 Resp: 155338
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 48.6
 88 19.4 0.0 42.8





#35

Dibromofluoromethane

Concen: 56.18 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF060013.D

Acq: 20 Aug 2018 20:19

Instrument :

MSVOA_F

ClientSampleId :

LSB-08(0-1)

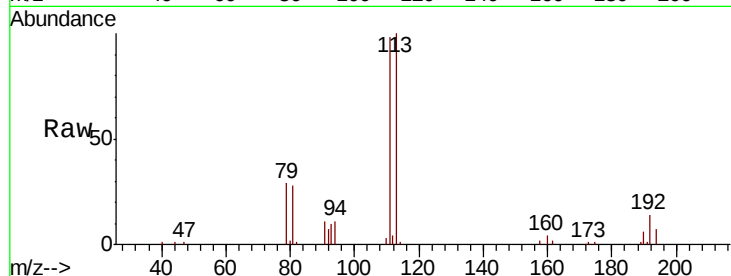
Tot Ion:113 Resp: 89197

Ion Ratio Lower Upper

113 100

111 98.3 79.5 119.3

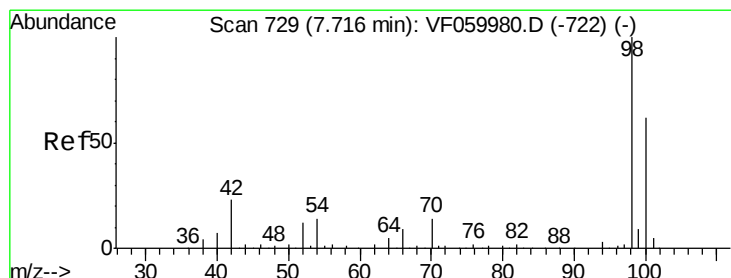
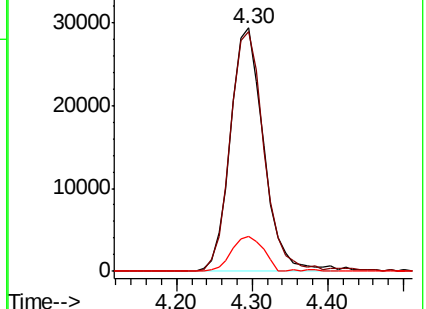
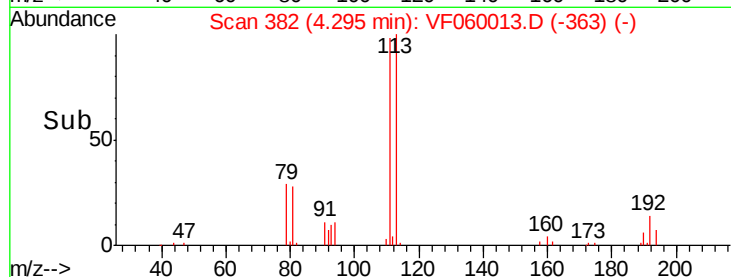
192 14.2 12.4 18.6



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: 50.89 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.00 min

Lab File: VF060013.D

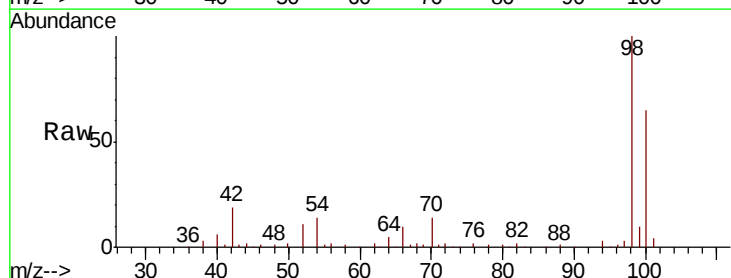
Acq: 20 Aug 2018 20:19

Tgt Ion: 98 Resp: 179678

Ion Ratio Lower Upper

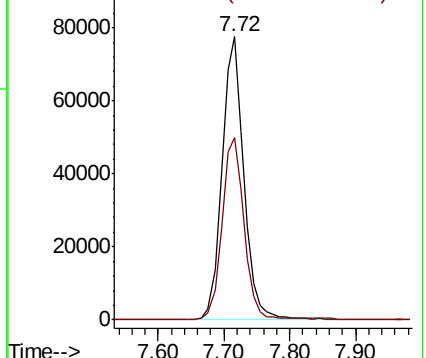
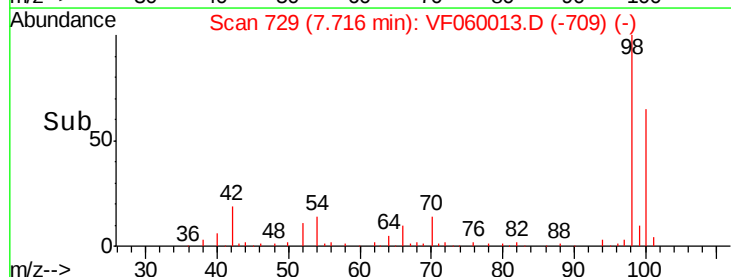
98 100

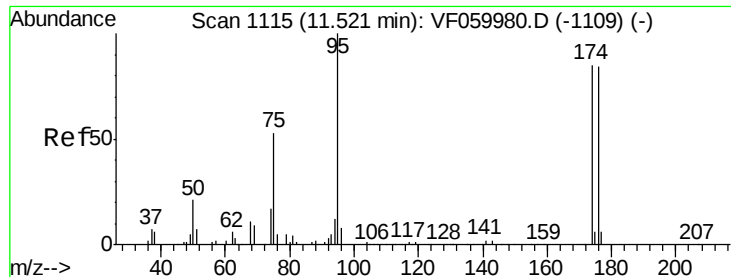
100 64.5 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

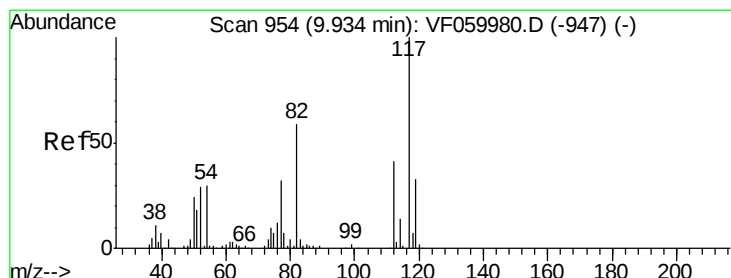
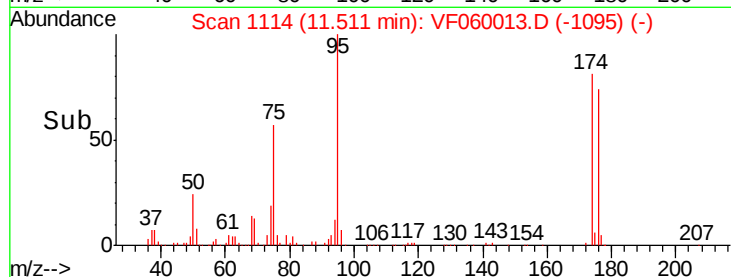
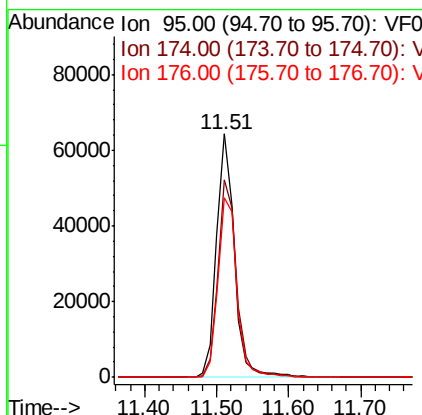
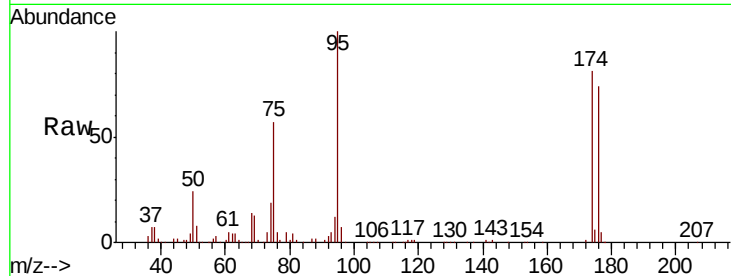




#62
4-Bromofluorobenzene
Concen: 50.26 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060013.D
Acq: 20 Aug 2018 20:19

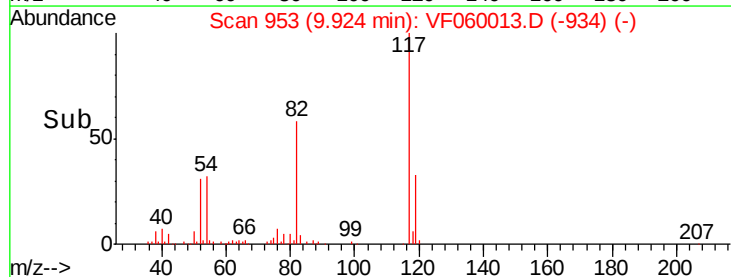
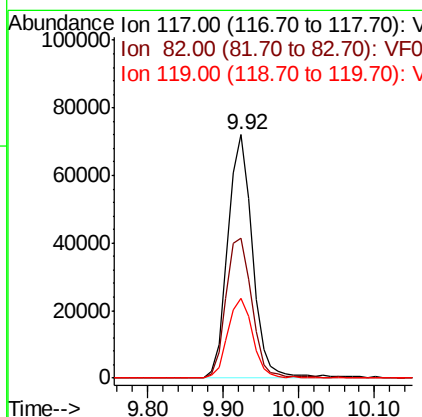
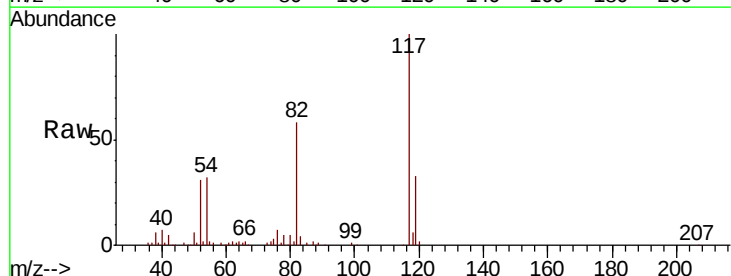
Instrument :
MSVOA_F
ClientSampleId :
LSB-08(0-1)

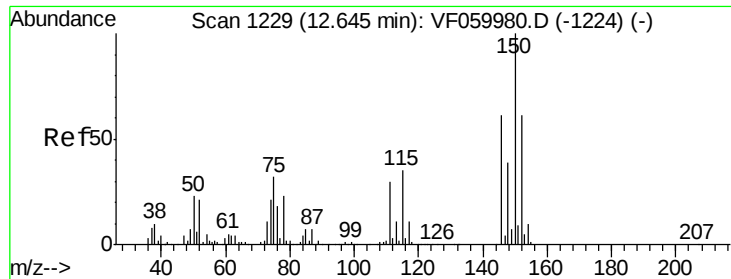
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	169.8
176	73.9	0.0	167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060013.D
Acq: 20 Aug 2018 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.2	70.8
119	32.6	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF060013.D

Acq: 20 Aug 2018 20:19

Instrument :

MSVOA_F

ClientSampleId :

LSB-08(0-1)

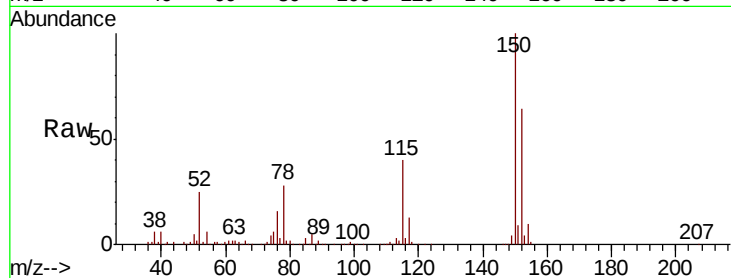
Tot Ion:152 Resp: 104444

Ion Ratio Lower Upper

152 100

115 61.8 29.1 87.3

150 155.3 0.0 330.2



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

