

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059352.D
 Acq On : 27 Jun 2018 21:17
 Operator : VA/AP
 Sample : J3677-12
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 147-149-B3(7-9)

Quant Time: Jun 28 02:35:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

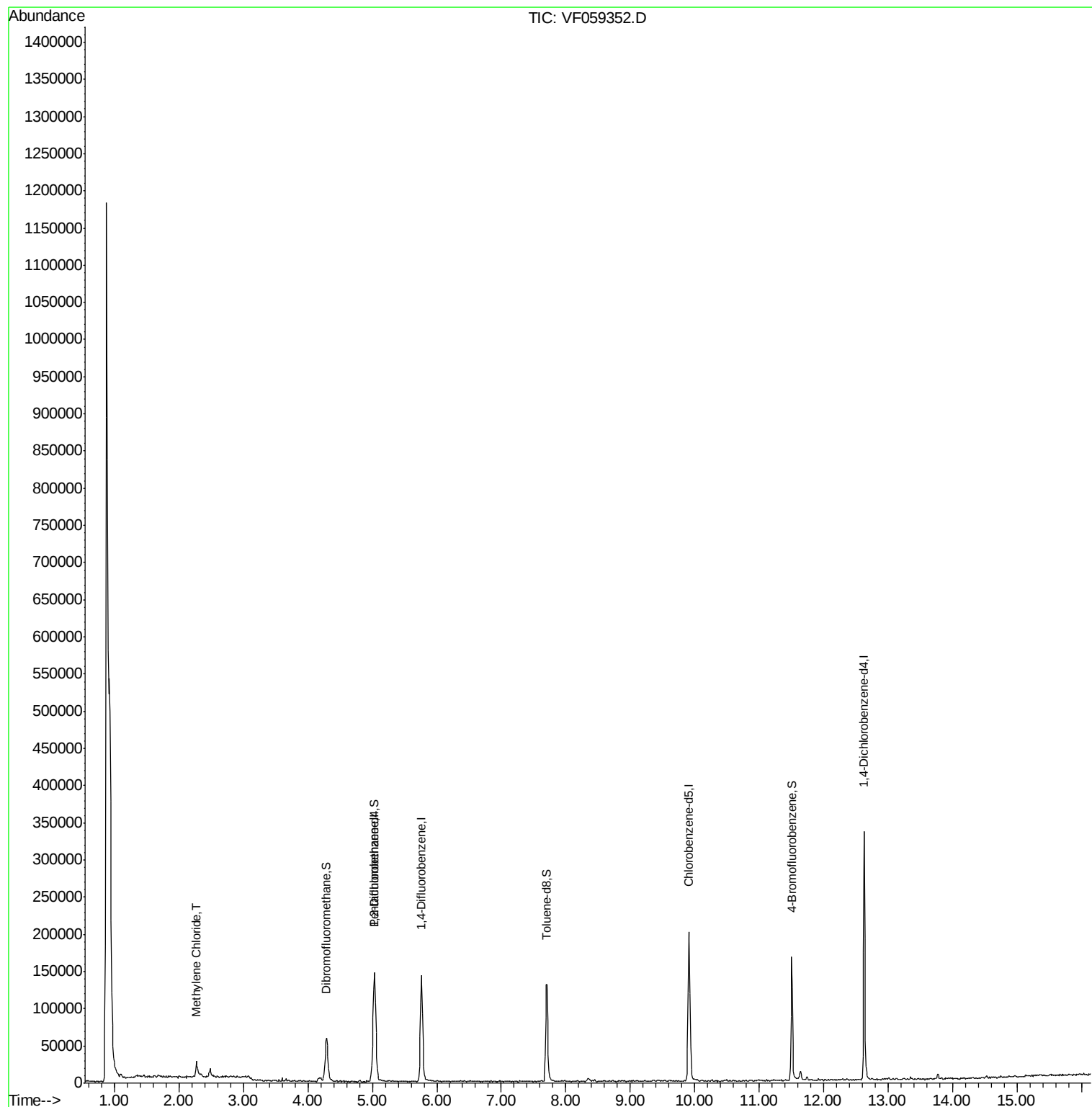
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	100633	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	147155	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	141733	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	78566	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	60182	46.29	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.58%	
35) Dibromofluoromethane	4.29	113	53379	49.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.28%	
50) Toluene-d8	7.70	98	110100	41.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.72%	
62) 4-Bromofluorobenzene	11.51	95	58685	39.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.16%	
Target Compounds						
20) Methylene Chloride	2.27	84	8462	4.95	ug/l	Qvalue # 81

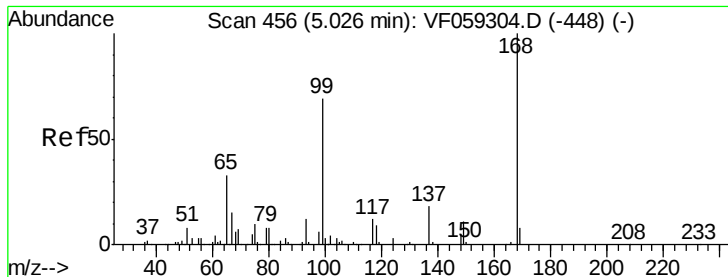
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059352.D

Acq: 27 Jun 2018 21:17

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MSVOA_F

ClientSampleId :

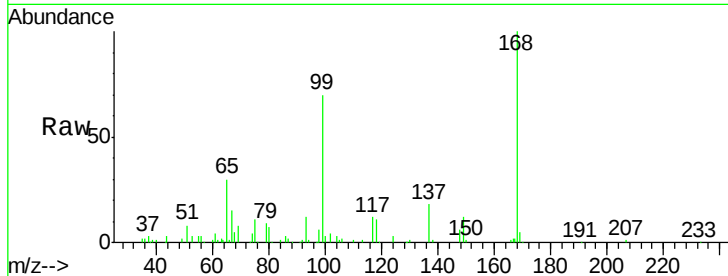
147-149-B3(7-9)

Tot Ion:168 Resp: 100633

Ion Ratio Lower Upper

168 100

99 70.0 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

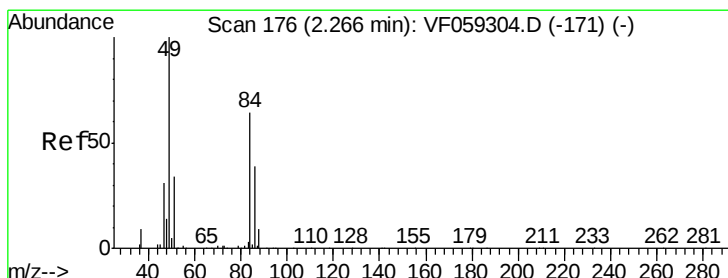
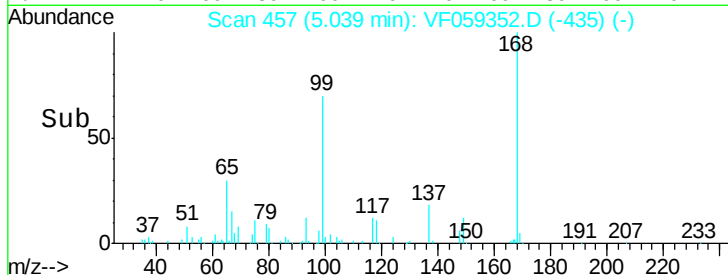
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 4.95 ug/l

RT: 2.27 min Scan# 176

Delta R.T. 0.00 min

Lab File: VF059352.D

Acq: 27 Jun 2018 21:17

Tgt Ion: 84 Resp: 8462

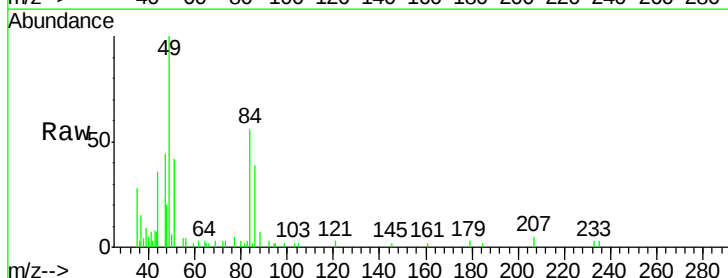
Ion Ratio Lower Upper

84 100

49 180.1 126.5 189.7

51 76.5 42.9 64.3#

86 70.0 48.6 73.0



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

8000

6000

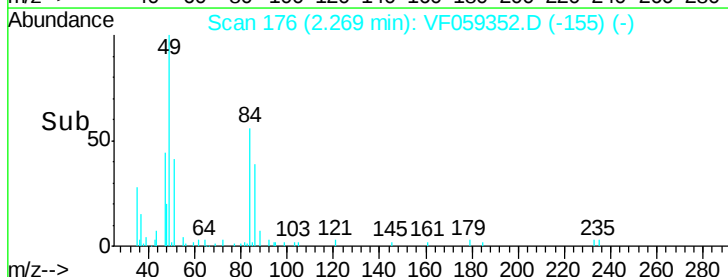
4000

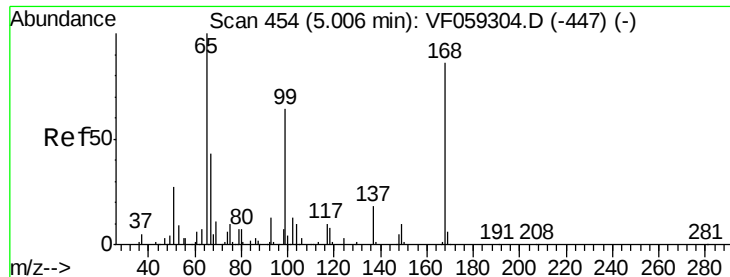
2000

0

Time-->

2.20 2.30 2.40

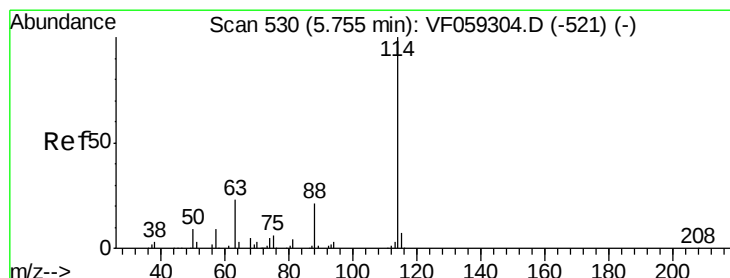
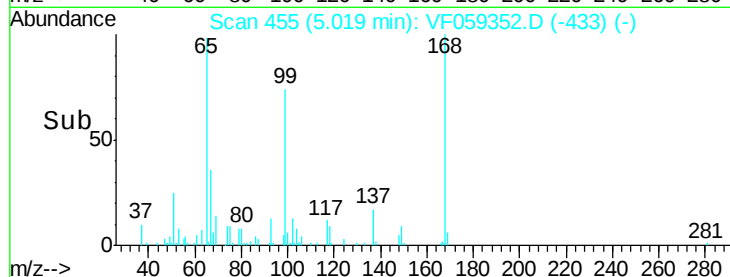
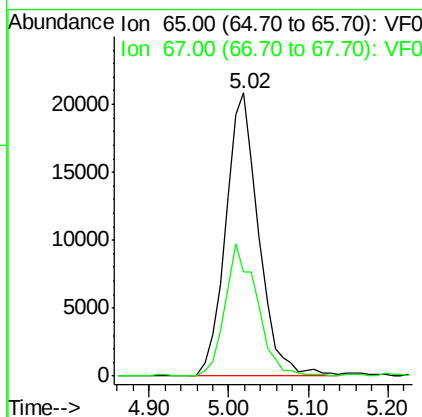
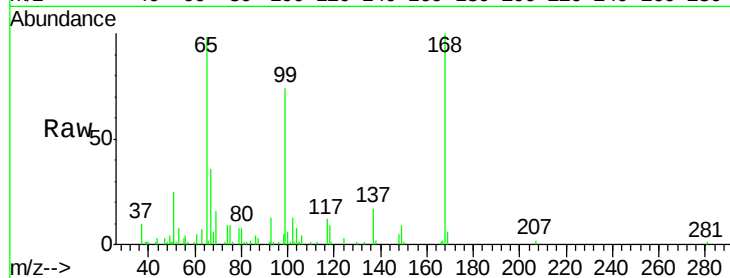




#33
 1,2-Dichloroethane-d4
 Concen: 46.29 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.01 min
 Lab File: VF059352.D
 Acq: 27 Jun 2018 21:17

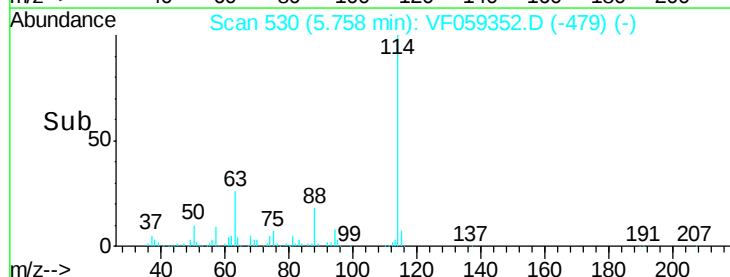
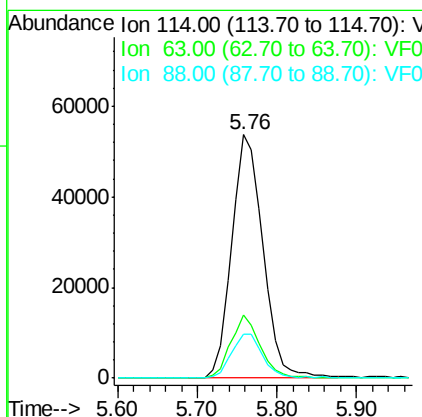
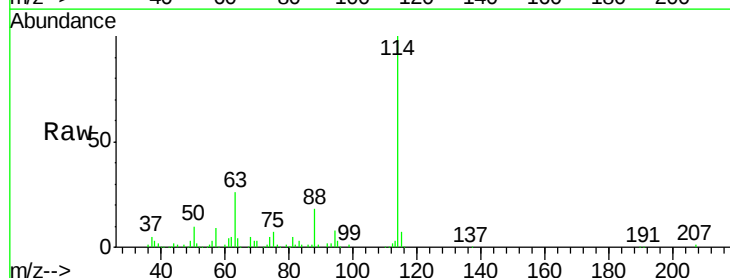
Instrument :
 MSVOA_F
 ClientSampleId :
 147-149-B3(7-9)

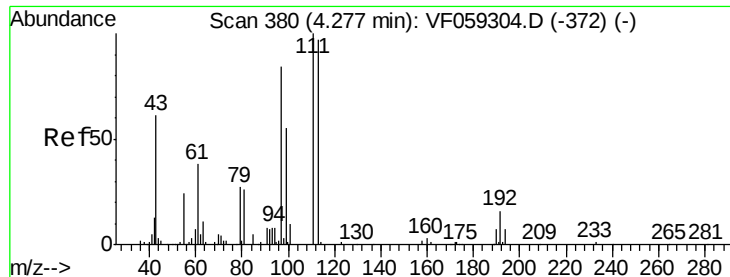
Tot Ion: 65 Resp: 60182
 Ion Ratio Lower Upper
 65 100
 67 37.0 0.0 96.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VF059352.D
 Acq: 27 Jun 2018 21:17

Tgt Ion: 114 Resp: 147155
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 45.8
 88 17.9 0.0 41.2





#35

Dibromofluoromethane

Concen: 49.64 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059352.D

Acq: 27 Jun 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :
147-149-B3(7-9)

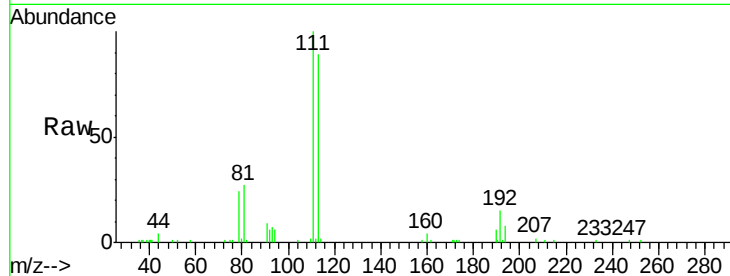
Tot Ion:113 Resp: 53379

Ion Ratio Lower Upper

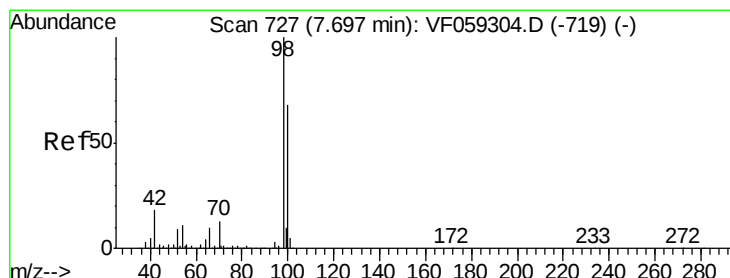
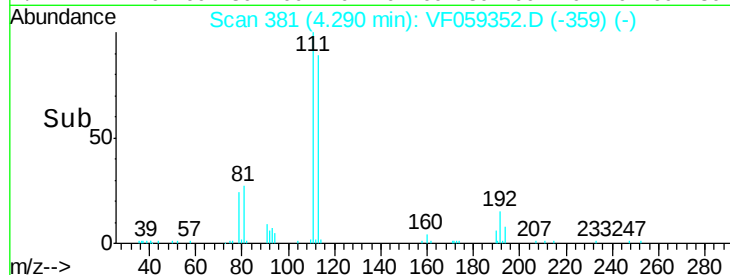
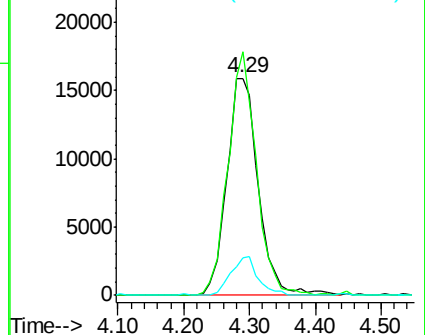
113 100

111 112.0 82.1 123.1

192 17.4 13.0 19.6



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: 41.36 ug/l

RT: 7.70 min Scan# 727

Delta R.T. 0.00 min

Lab File: VF059352.D

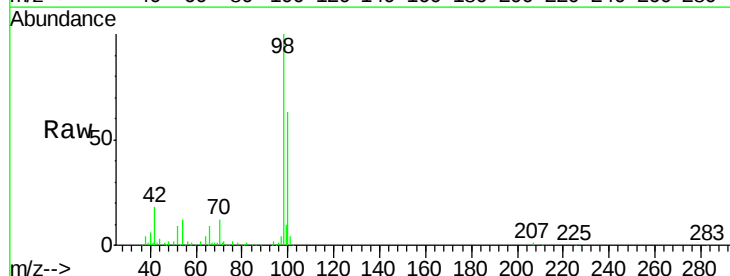
Acq: 27 Jun 2018 21:17

Tgt Ion: 98 Resp: 110100

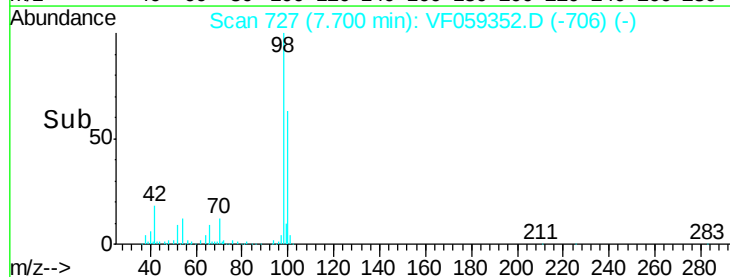
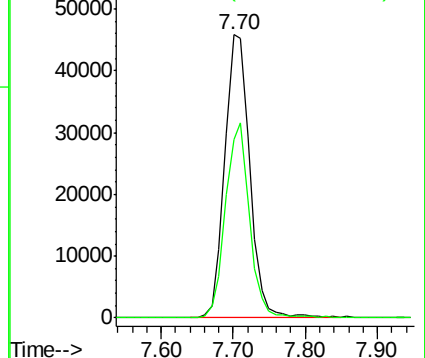
Ion Ratio Lower Upper

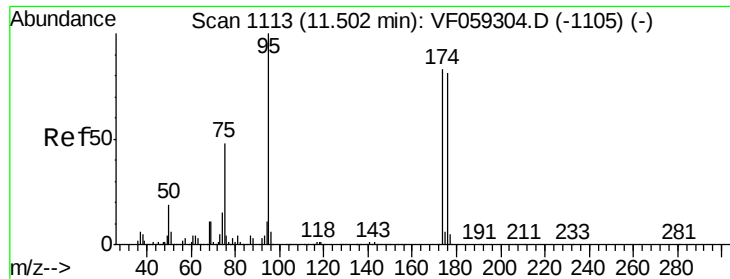
98 100

100 63.0 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0

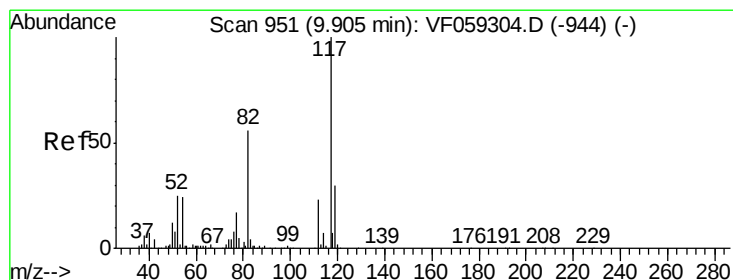
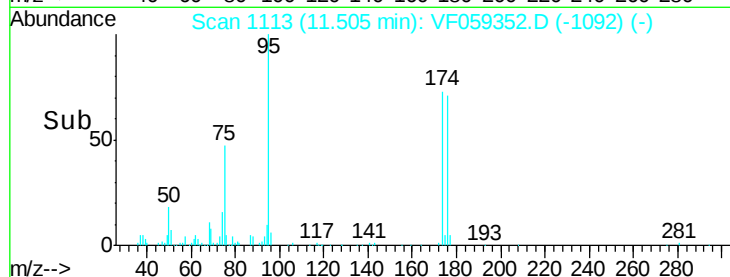
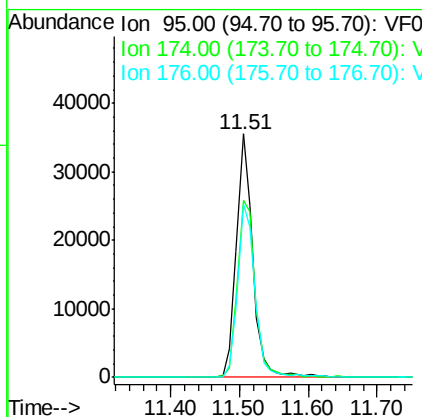
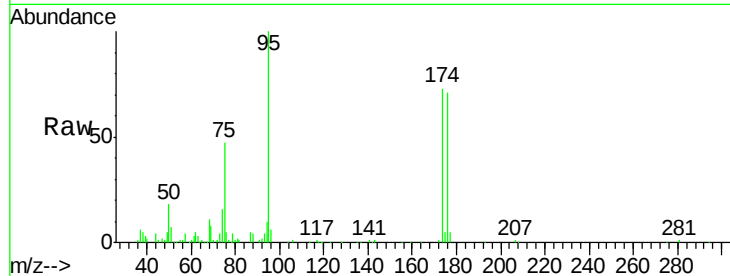




#62
4-Bromofluorobenzene
Concen: 39.08 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF059352.D
Acq: 27 Jun 2018 21:17

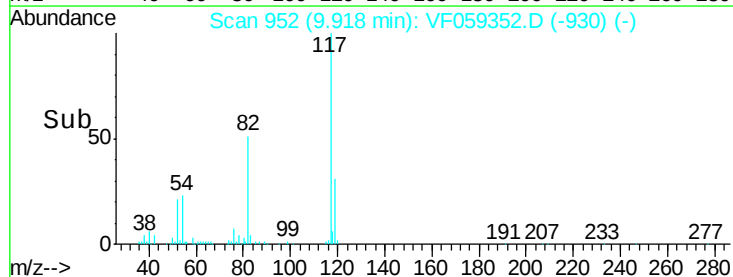
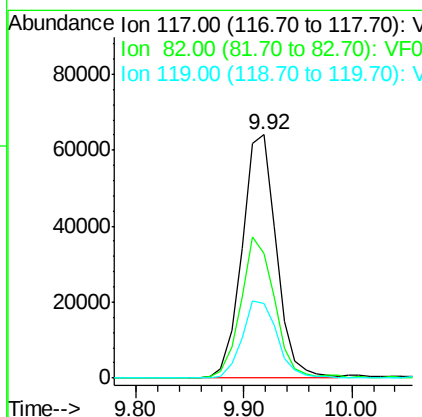
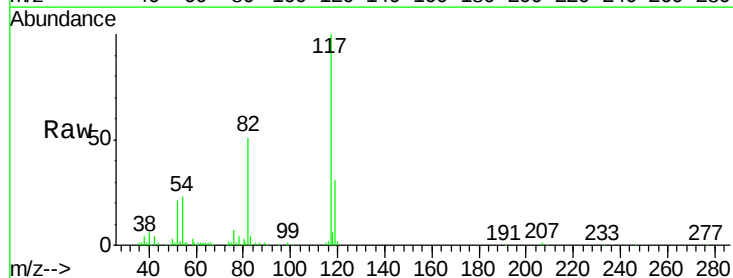
Instrument :
MSVOA_F
ClientSampleId :
147-149-B3(7-9)

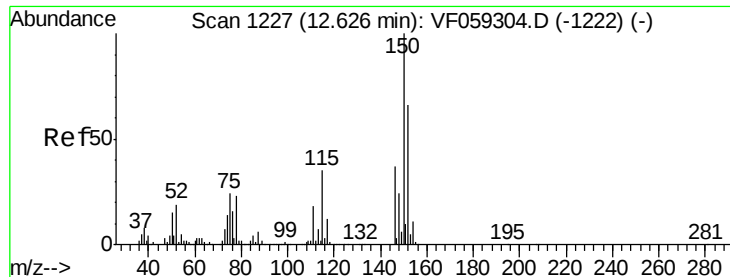
Tot Ion	95	Resp	58685
Ion Ratio	Lower	Upper	
95	100		
174	72.6	0.0	165.2
176	71.0	0.0	161.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059352.D
Acq: 27 Jun 2018 21:17

Tgt Ion	117	Resp	141733
Ion Ratio	Lower	Upper	
117	100		
82	51.4	44.6	66.8
119	30.6	24.1	36.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VF059352.D

Acq: 27 Jun 2018 21:17

Instrument :

MSVOA_F

ClientSampleId :

147-149-B3(7-9)

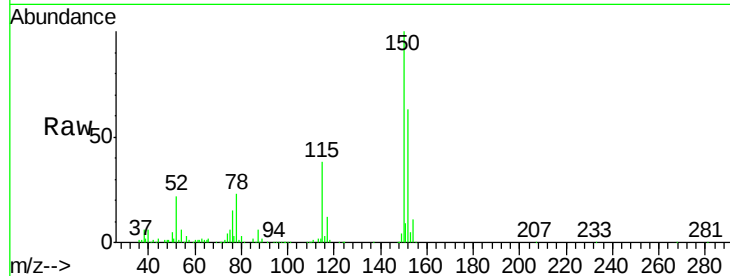
Tot Ion:152 Resp: 78566

Ion Ratio Lower Upper

152 100

115 59.5 27.1 81.3

150 157.5 0.0 305.2



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

