

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059737.D
 Acq On : 1 Aug 2018 5:58
 Operator : VA/AP
 Sample : J3825-17
 Misc : 5.81g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-D

Quant Time: Aug 01 08:27:51 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

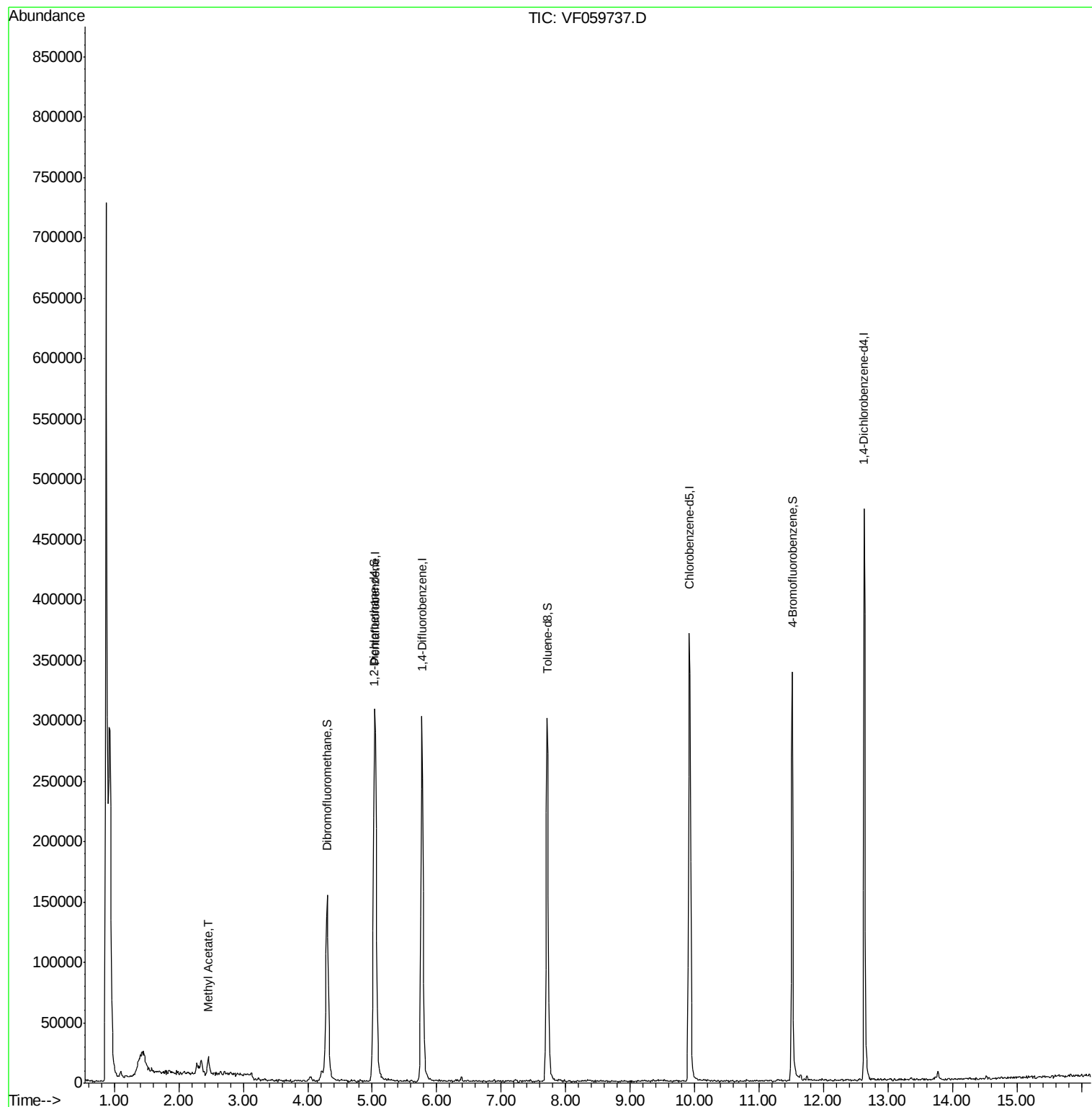
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	186108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	270426	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	234382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	112701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	165203	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
35) Dibromofluoromethane	4.30	113	130537	46.47	ug/l	0.02
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	7.71	98	227729	34.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.54%	
62) 4-Bromofluorobenzene	11.52	95	108663	29.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.94%	
Target Compounds						
18) Methyl Acetate	2.46	43	16881	14.558	ug/l	Qvalue 99

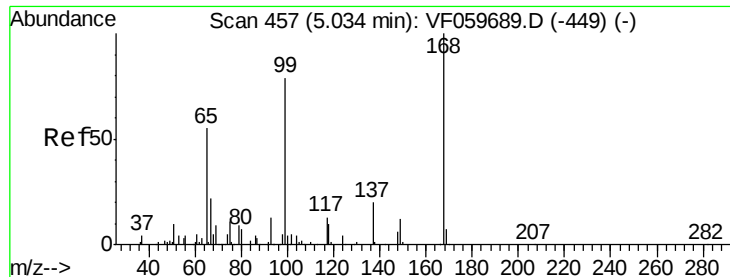
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.05 min Scan# 458

Delta R.T. 0.02 min

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ClientSampleId :

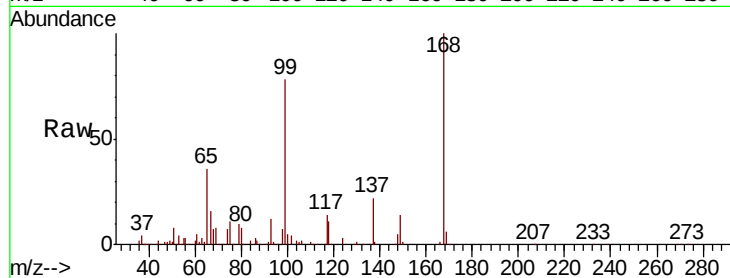
CL-01-073018-D

Tot Ion:168 Resp: 186108

Ion Ratio Lower Upper

168 100

99 77.6 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

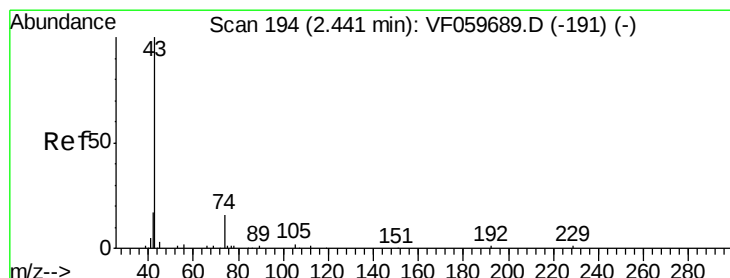
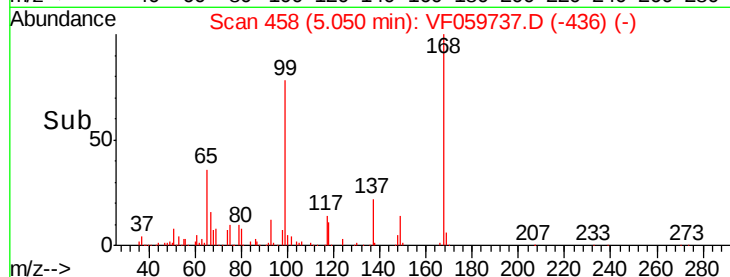
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#18

Methyl Acetate

Concen: 14.558 ug/l

RT: 2.46 min Scan# 195

Delta R.T. 0.02 min

Lab File: VF059737.D

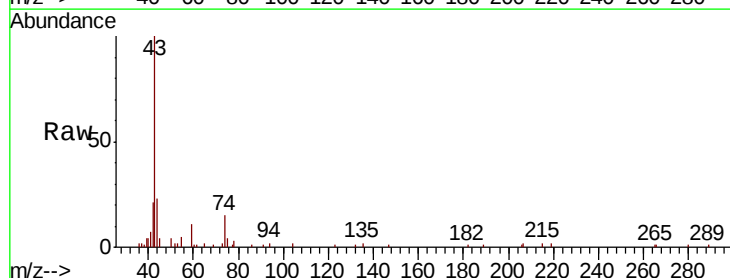
Acq: 1 Aug 2018 5:58

Tgt Ion: 43 Resp: 16881

Ion Ratio Lower Upper

43 100

74 14.9 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

10000

8000

6000

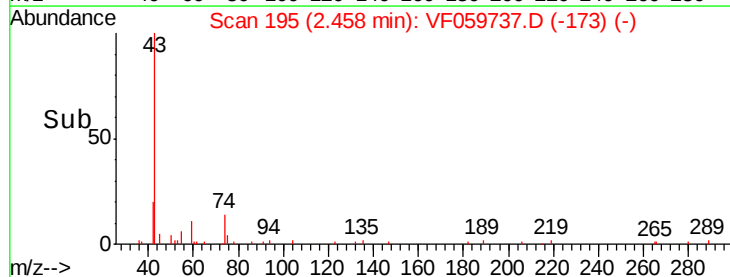
4000

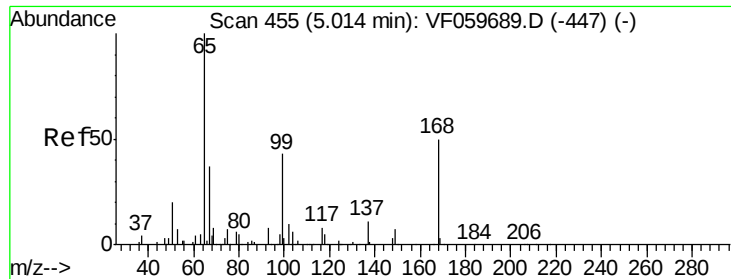
2000

0

Time-->

2.40 2.45 2.50

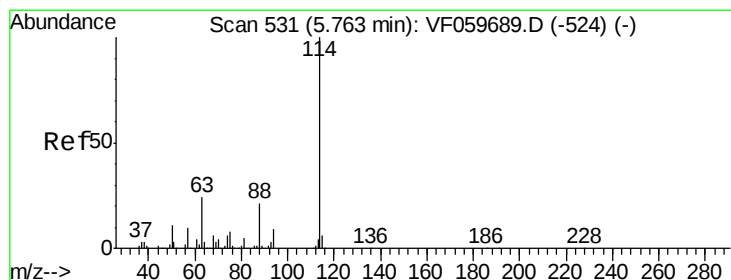
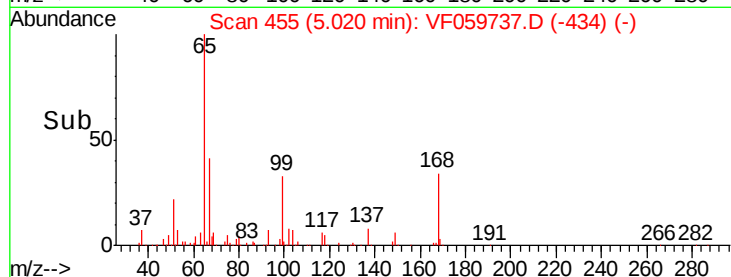
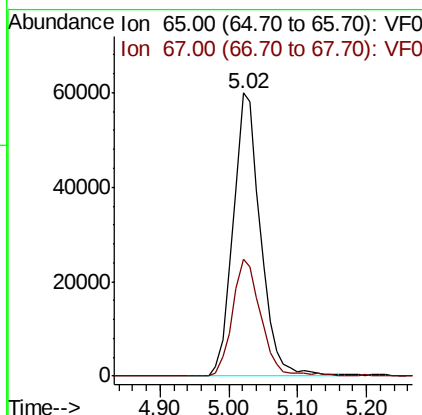
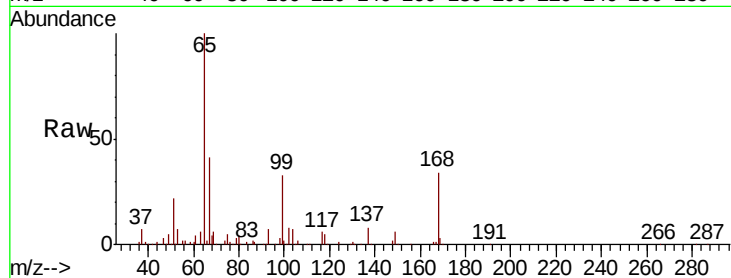




#33
 1,2-Dichloroethane-d4
 Concen: 49.392 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.01 min
 Lab File: VF059737.D
 Acq: 1 Aug 2018 5:58

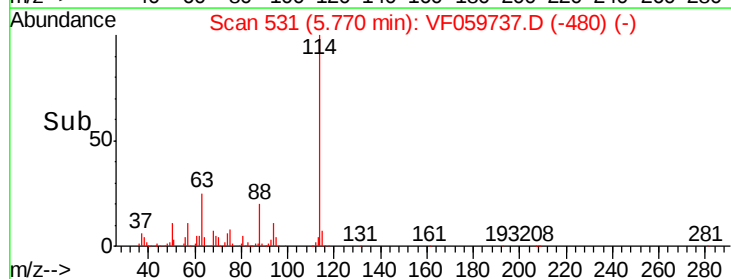
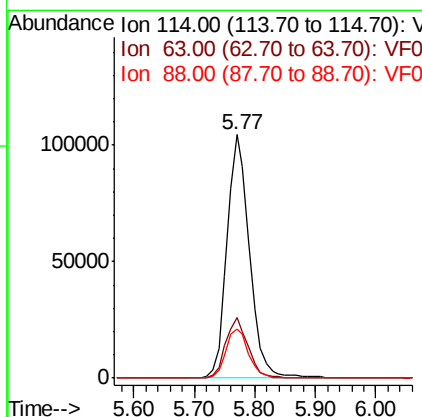
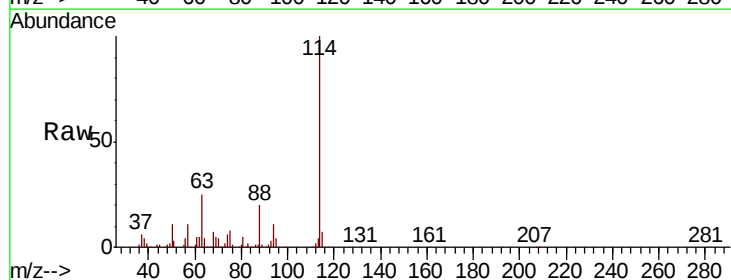
Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-D

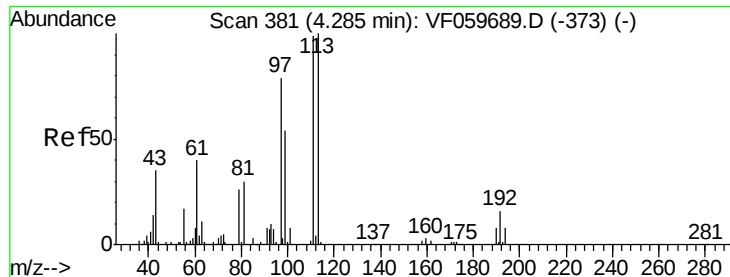
Tot Ion: 65 Resp: 165203
 Ion Ratio Lower Upper
 65 100
 67 41.1 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VF059737.D
 Acq: 1 Aug 2018 5:58

Tgt Ion: 114 Resp: 270426
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 47.4
 88 20.0 0.0 41.2

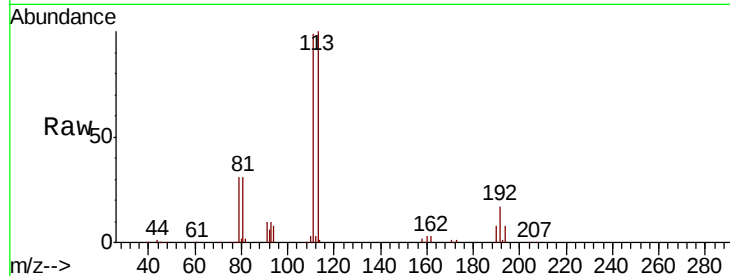




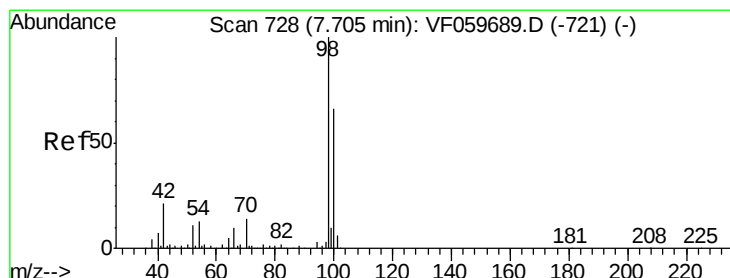
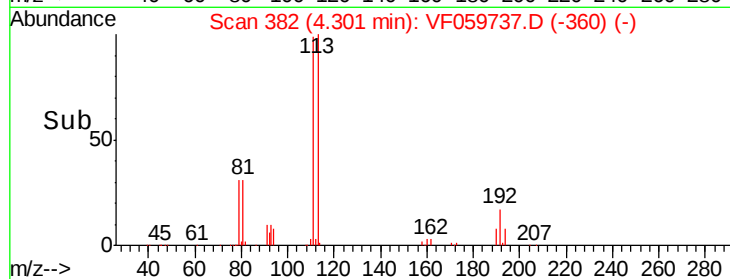
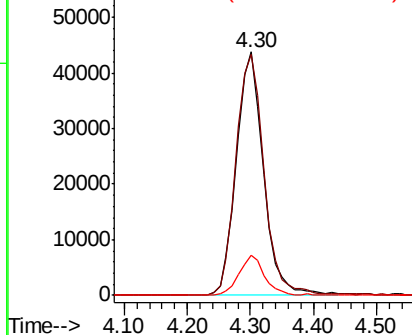
#35
 Dibromofluoromethane
 Concen: 46.475 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. 0.02 min
 Lab File: VF059737.D
 Acq: 1 Aug 2018 5:58

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-D

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.1	79.0	118.4
192	16.7	13.2	19.8

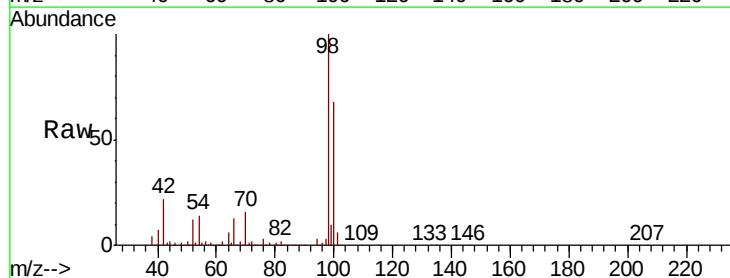


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

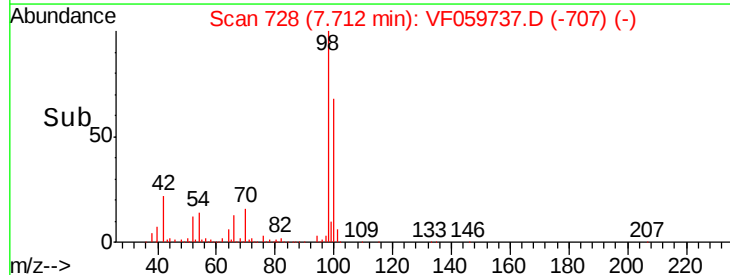
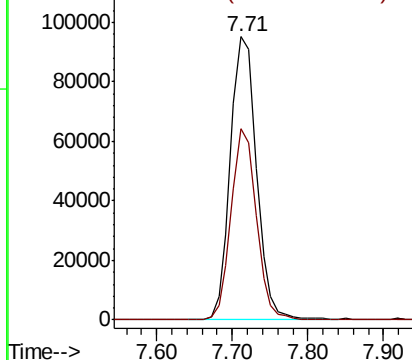


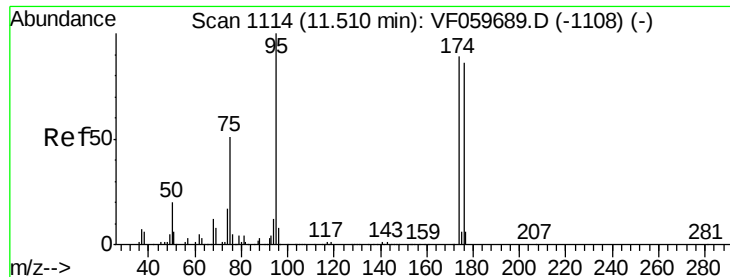
#50
 Toluene-d8
 Concen: 34.768 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VF059737.D
 Acq: 1 Aug 2018 5:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	52.8	79.2



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





#62

4-Bromofluorobenzene

Concen: 29.967 ug/l

RT: 11.52 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF059737.D

Acq: 1 Aug 2018 5:58

Instrument :

MSVOA_F

ClientSampleId :

CL-01-073018-D

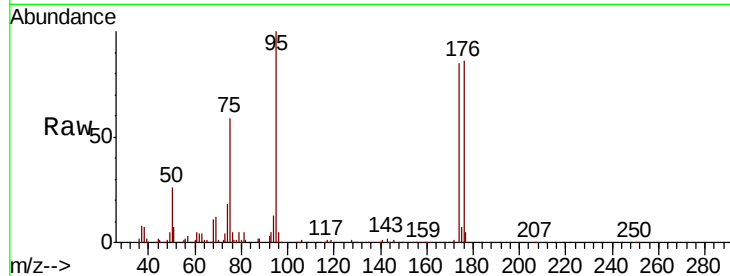
Tot Ion: 95 Resp: 108663

Ion Ratio Lower Upper

95 100

174 84.9 0.0 178.4

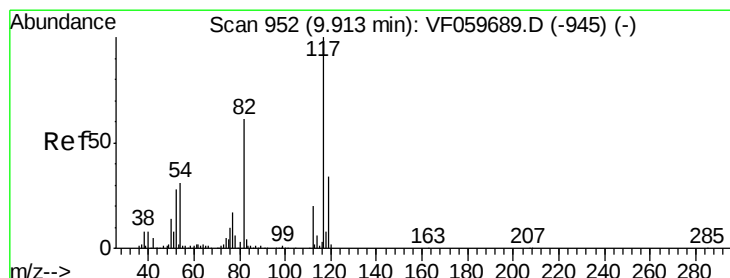
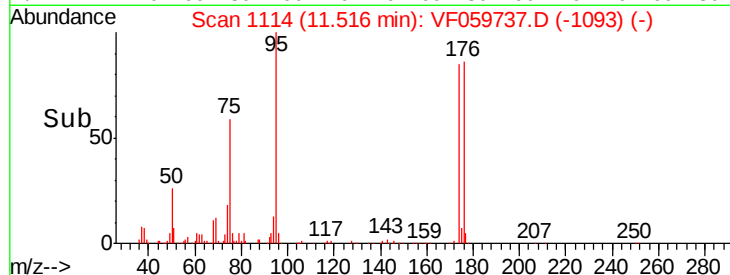
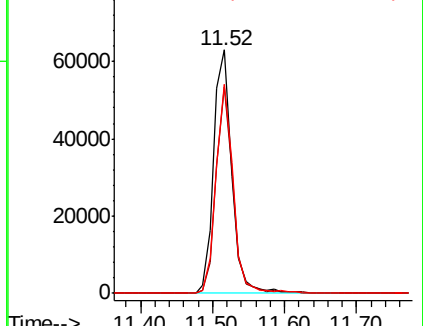
176 85.9 0.0 173.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF059737.D

Acq: 1 Aug 2018 5:58

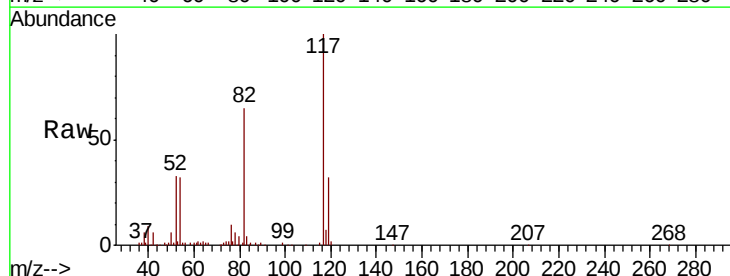
Tgt Ion: 117 Resp: 234382

Ion Ratio Lower Upper

117 100

82 64.6 49.0 73.4

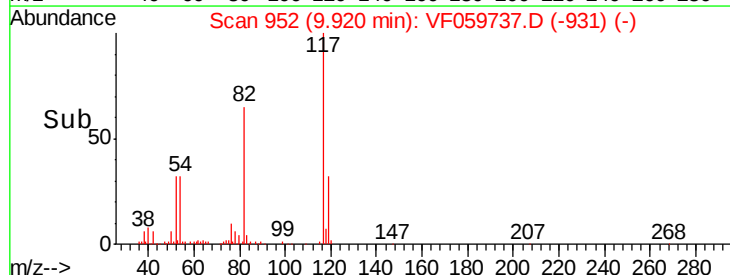
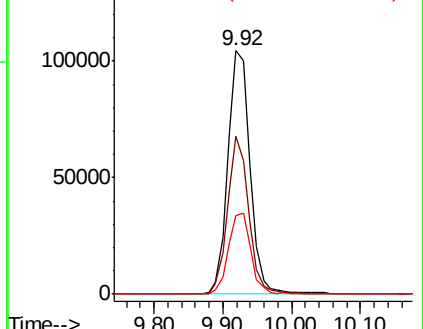
119 32.3 27.3 40.9

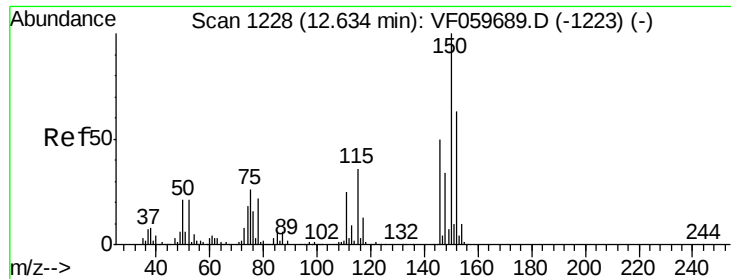


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



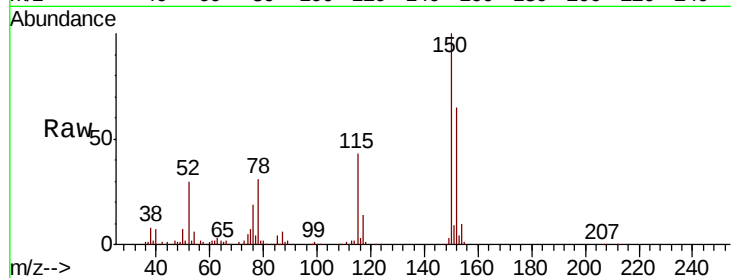


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VF059737.D
 Acq: 1 Aug 2018 5:58

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-D

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.9	28.2	84.6
150	154.3	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

