

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059738.D
 Acq On : 1 Aug 2018 6:26
 Operator : VA/AP
 Sample : J3825-19
 Misc : 5.85g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

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

Quant Time: Aug 01 08:30:02 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

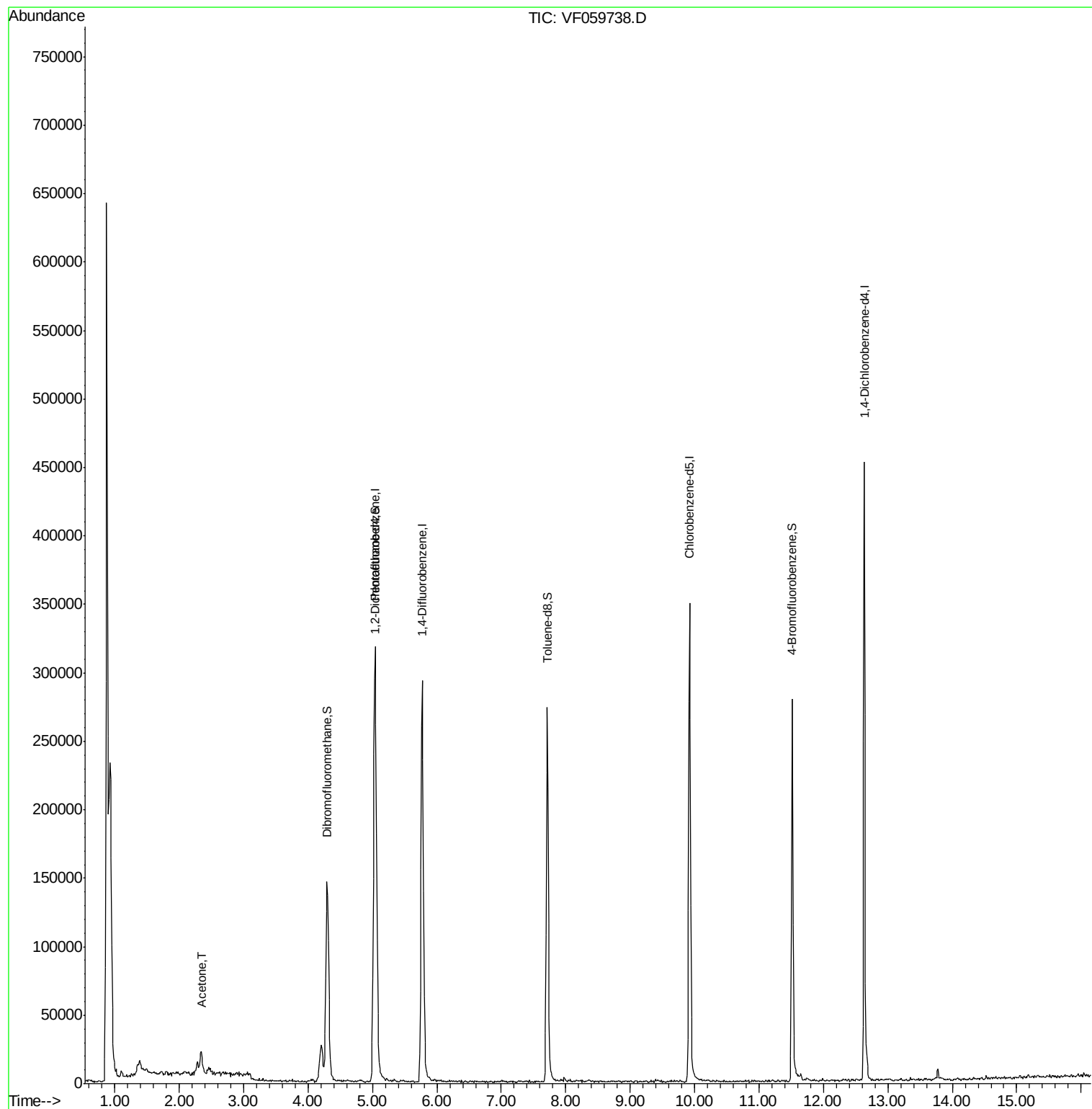
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	188345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	265462	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	216505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	103493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	163519	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	4.29	113	129619	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	7.71	98	200194	31.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.28%	
62) 4-Bromofluorobenzene	11.51	95	98168	27.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.16%	
Target Compounds						
16) Acetone	2.34	43	21529	35.360	ug/l #	Qvalue 93

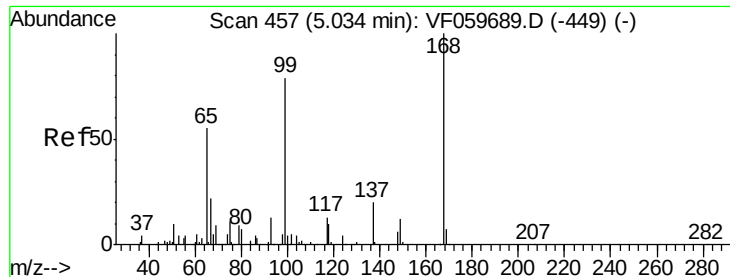
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

Instrument :

MSVOA_F

ClientSampleId :

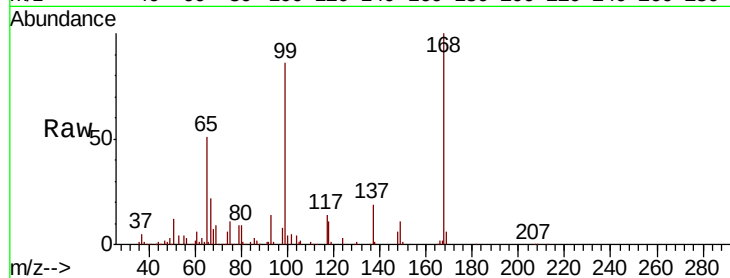
CL-01-073018-E

Tot Ion:168 Resp: 188345

Ion Ratio Lower Upper

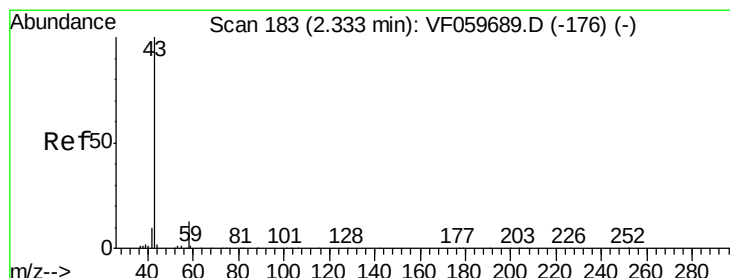
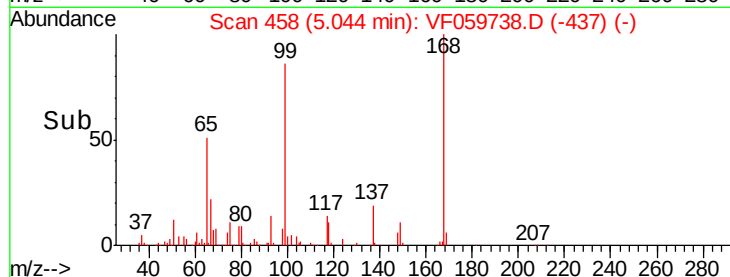
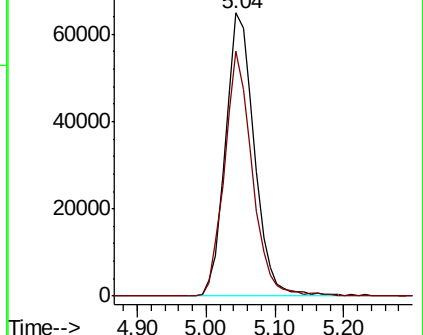
168 100

99 86.4 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 35.360 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.01 min

Lab File: VF059738.D

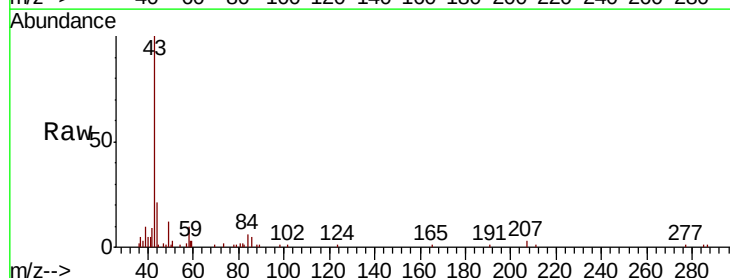
Acq: 1 Aug 2018 6:26

Tgt Ion: 43 Resp: 21529

Ion Ratio Lower Upper

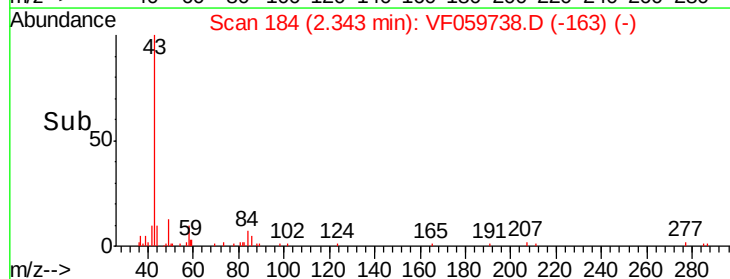
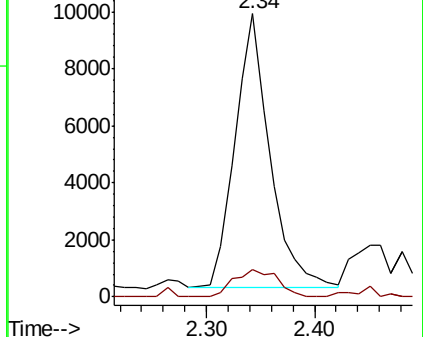
43 100

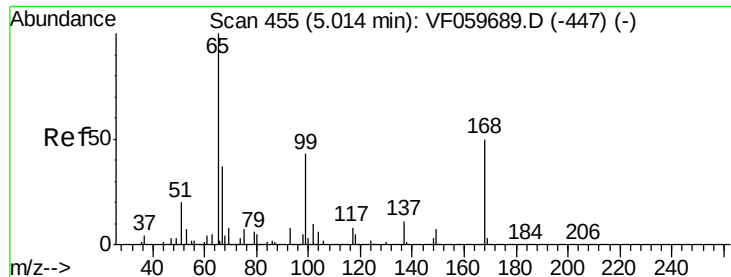
58 9.7 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

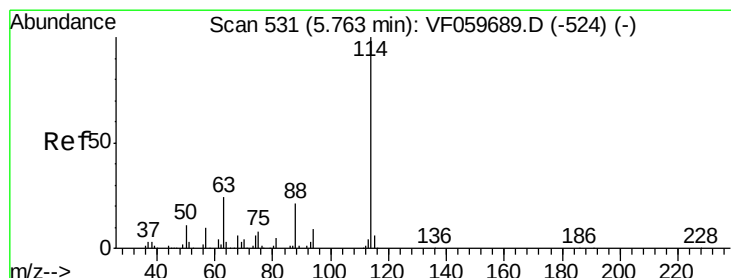
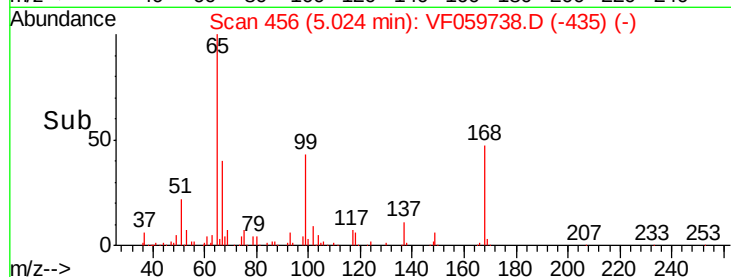
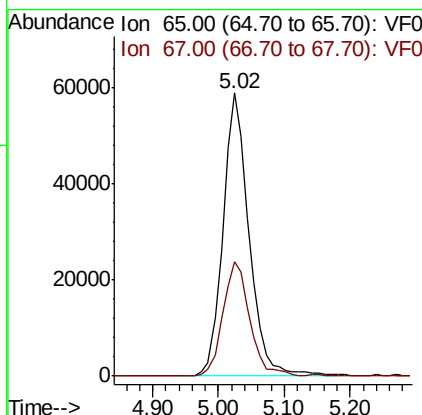
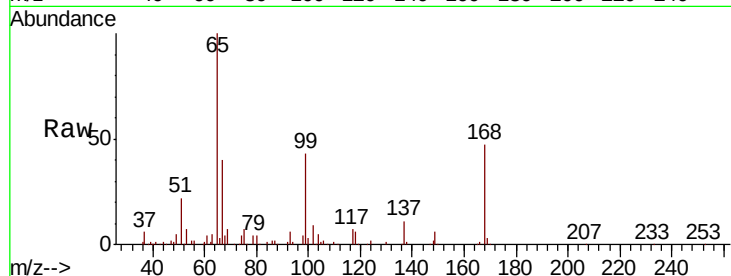




#33
 1,2-Dichloroethane-d4
 Concen: 48.308 ug/l
 RT: 5.02 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: VF059738.D
 Acq: 1 Aug 2018 6:26

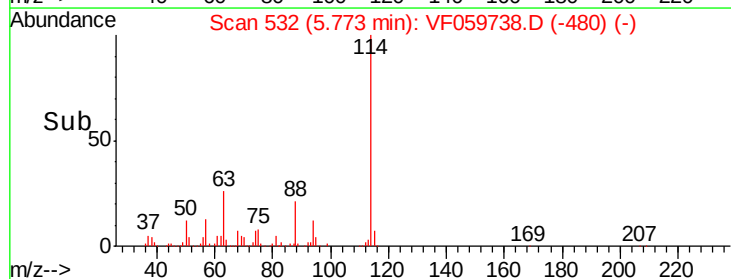
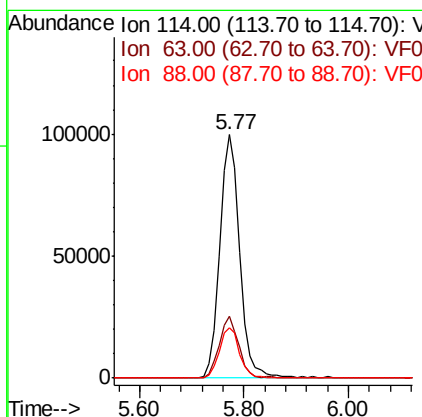
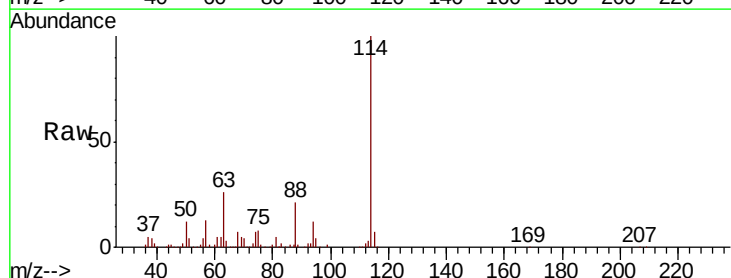
Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-E

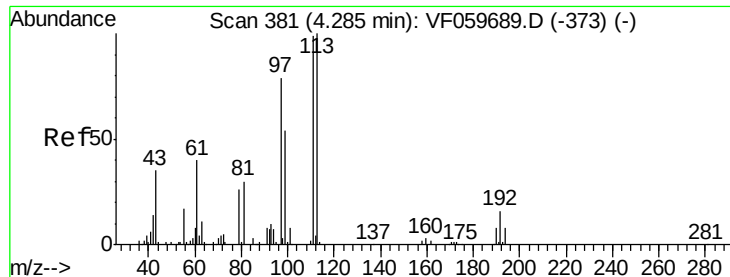
Tot Ion: 65 Resp: 163519
 Ion Ratio Lower Upper
 65 100
 67 40.2 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VF059738.D
 Acq: 1 Aug 2018 6:26

Tgt Ion: 114 Resp: 265462
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 47.4
 88 20.8 0.0 41.2

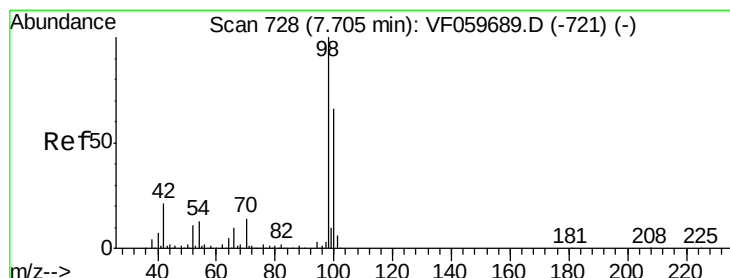
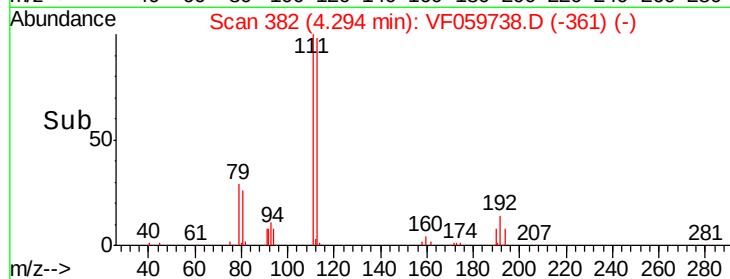
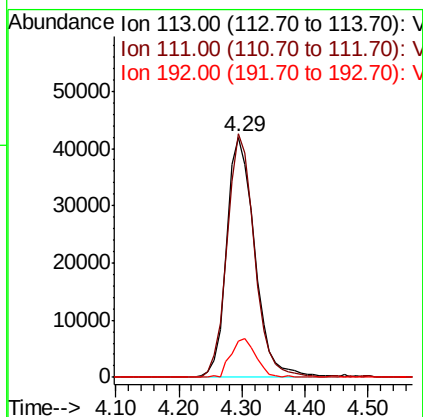
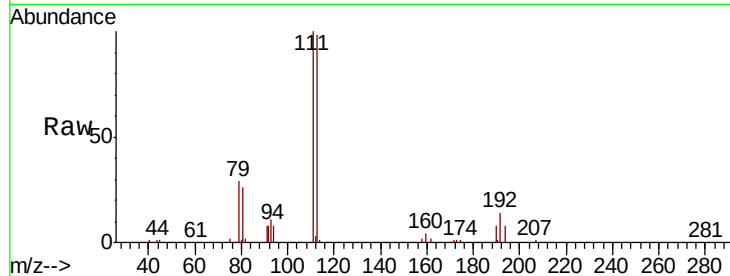




#35
 Dibromofluoromethane
 Concen: 47.011 ug/l
 RT: 4.29 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VF059738.D
 Acq: 1 Aug 2018 6:26

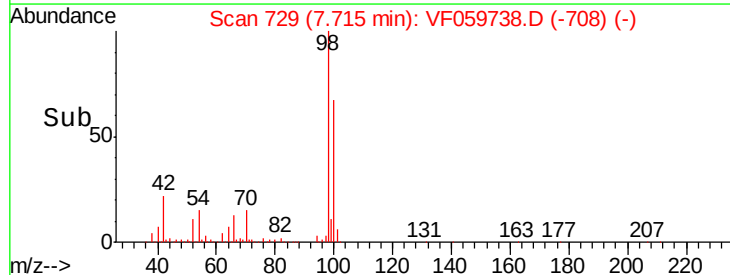
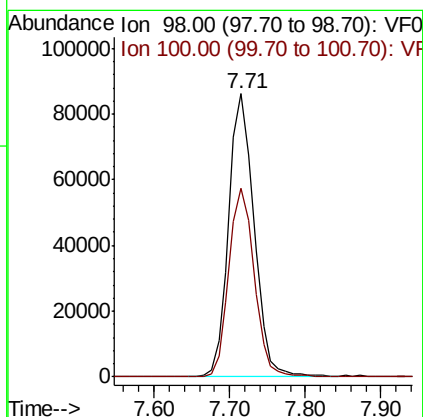
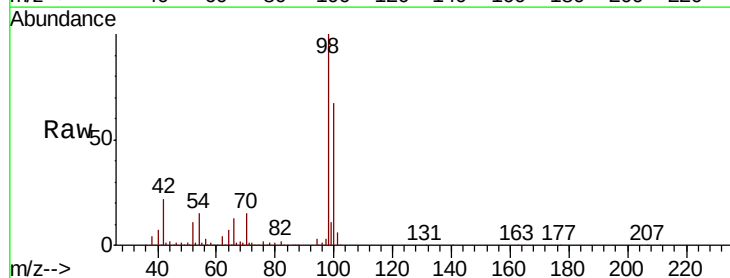
Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-E

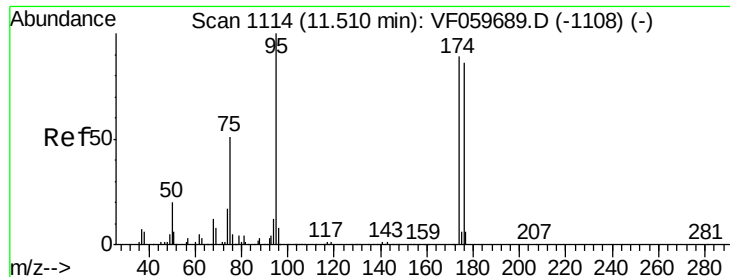
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	79.0	118.4
192	15.1	13.2	19.8



#50
 Toluene-d8
 Concen: 31.136 ug/l
 RT: 7.71 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VF059738.D
 Acq: 1 Aug 2018 6:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 27.579 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

Instrument :

MSVOA_F

ClientSampled :

CL-01-073018-E

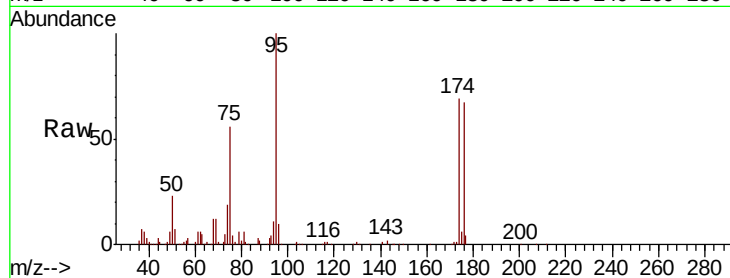
Tot Ion: 95 Resp: 98168

Ion Ratio Lower Upper

95 100

174 69.0 0.0 178.4

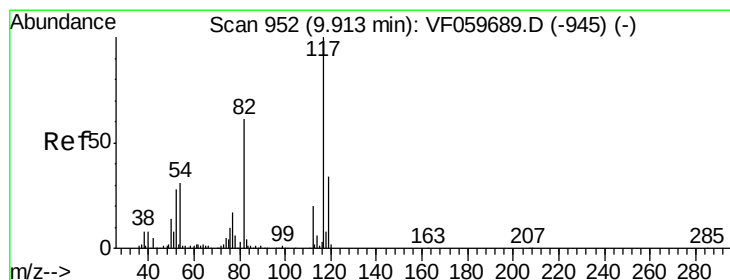
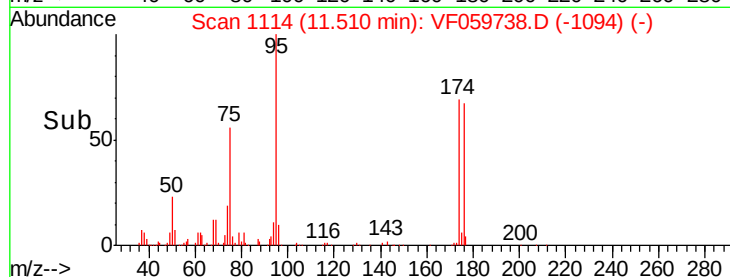
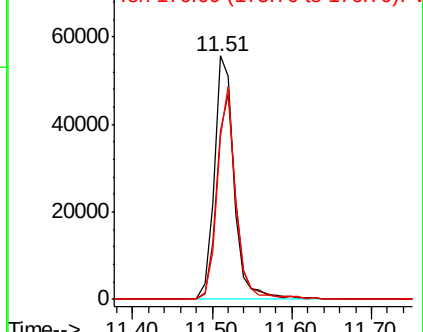
176 66.9 0.0 173.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 953

Delta R.T. 0.01 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

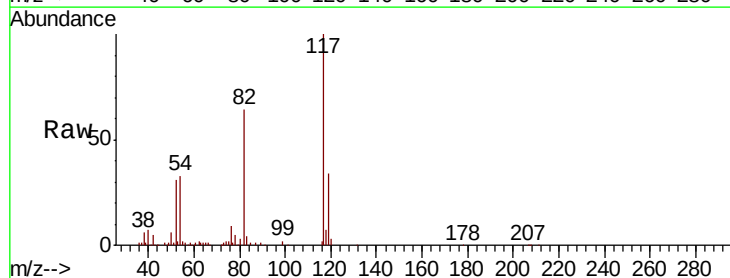
Tgt Ion: 117 Resp: 216505

Ion Ratio Lower Upper

117 100

82 63.6 49.0 73.4

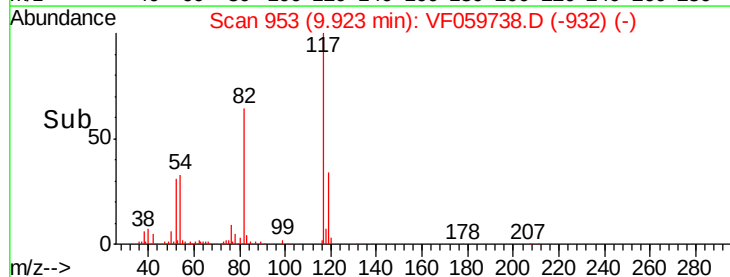
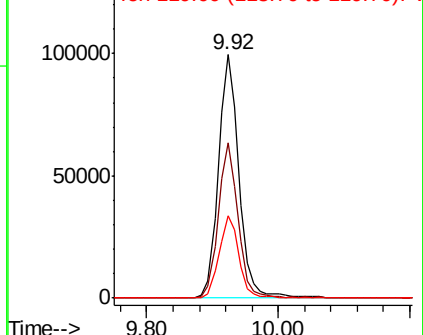
119 33.7 27.3 40.9

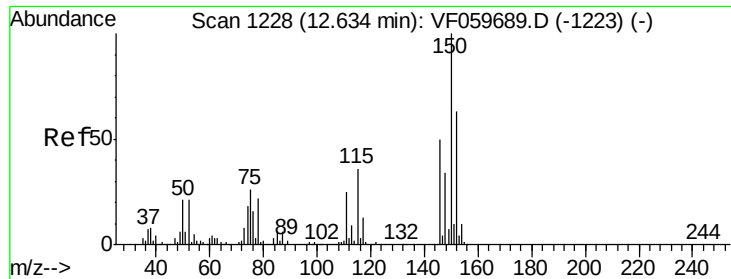


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059738.D

Acq: 1 Aug 2018 6:26

Instrument :

MSVOA_F

ClientSampleId :

CL-01-073018-E

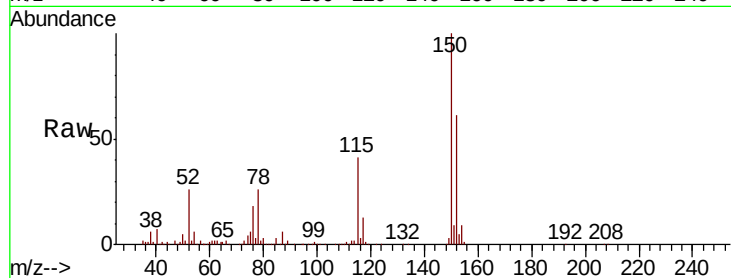
Tot Ion:152 Resp: 103493

Ion Ratio Lower Upper

152 100

115 67.2 28.2 84.6

150 163.3 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

