

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081718\
 Data File : VF059998.D
 Acq On : 18 Aug 2018 3:41
 Operator : VA/AP
 Sample : J4511-09
 Misc : 5.07g/5mL/MSVOA F/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081518-FL-031

Quant Time: Aug 18 05:29:11 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

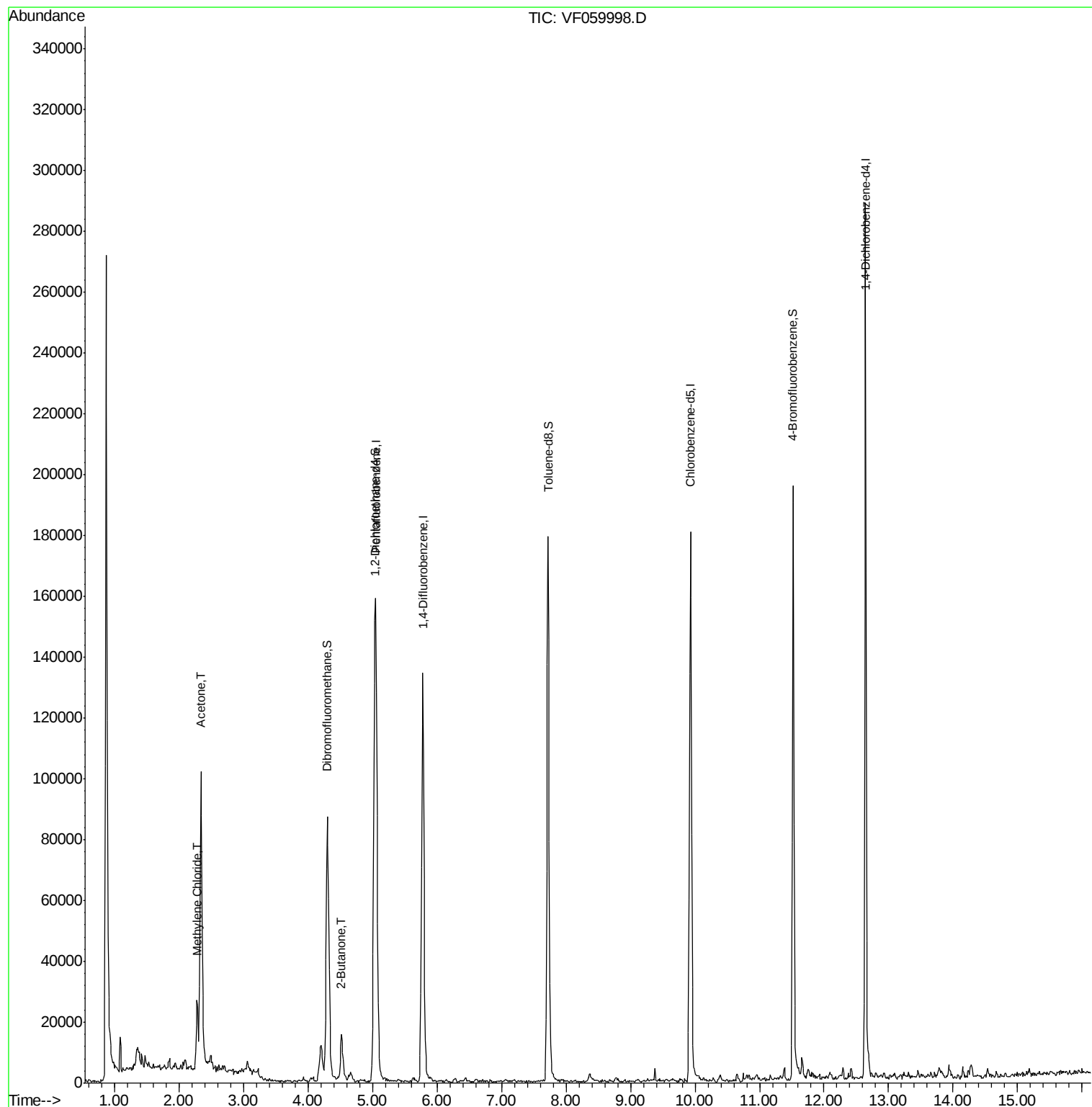
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	88147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	122422	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	114655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	64616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	102741	60.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.76%	
35) Dibromofluoromethane	4.30	113	72367	57.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.68%	
50) Toluene-d8	7.72	98	132621	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.52	95	65901	38.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.20%	
Target Compounds						
16) Acetone	2.34	43	165462	355.41	ug/l	99
20) Methylene Chloride	2.28	84	7815	4.59	ug/l #	84
25) 2-Butanone	4.52	43	27282	66.33	ug/l	93

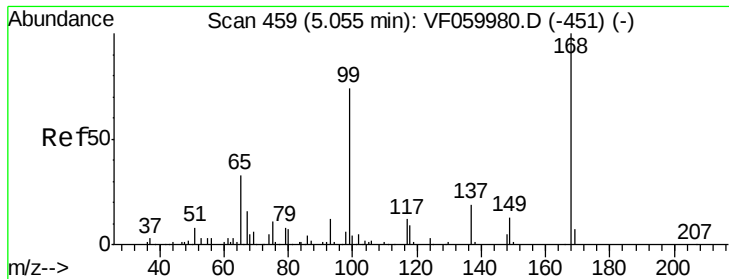
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF081718\
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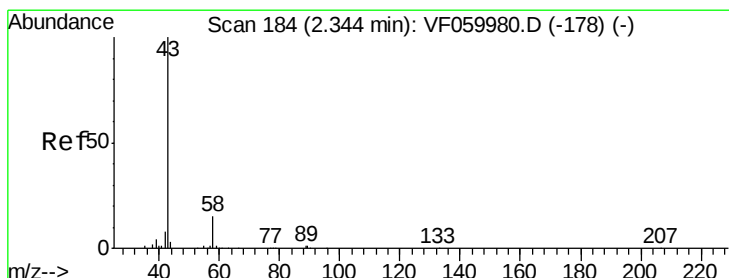
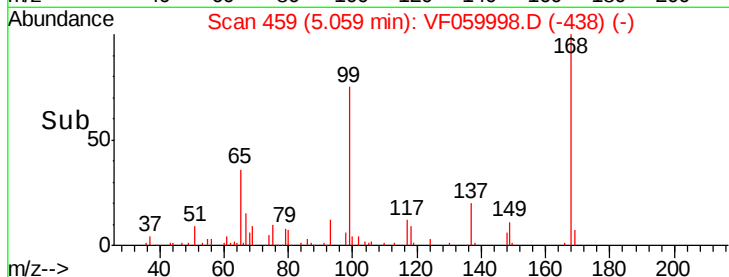
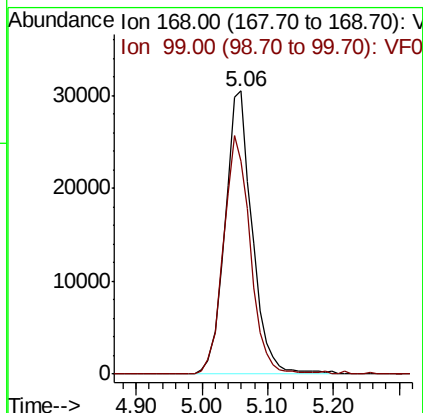
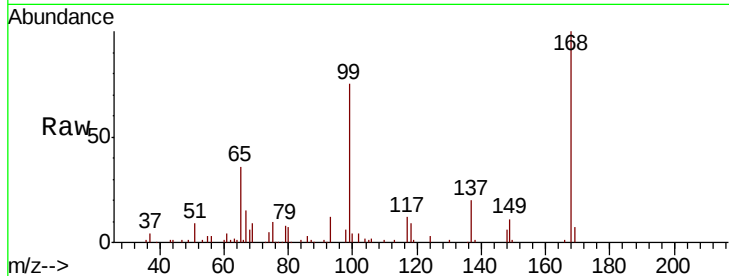




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.00 min
Lab File: VF059998.D
Acq: 18 Aug 2018 3:41

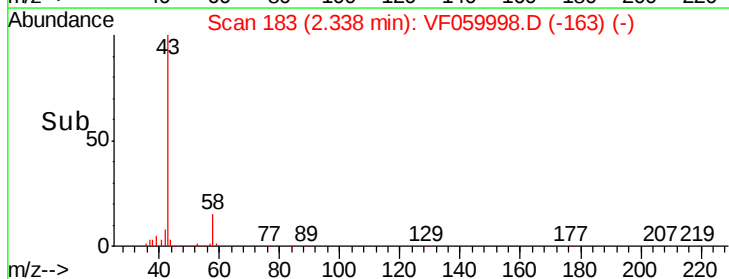
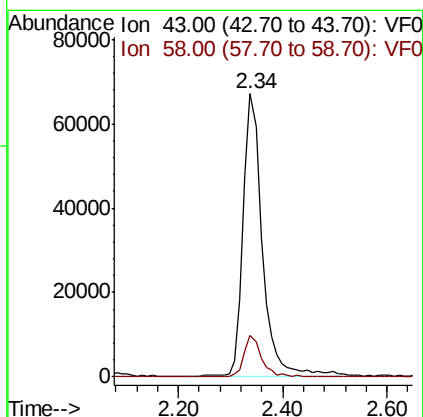
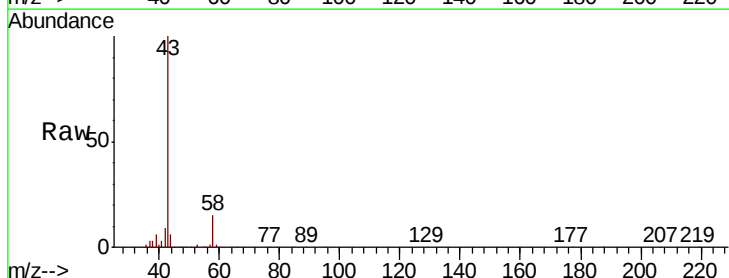
Instrument :
MSVOA_F
ClientSampleId :
RA-081518-FL-031

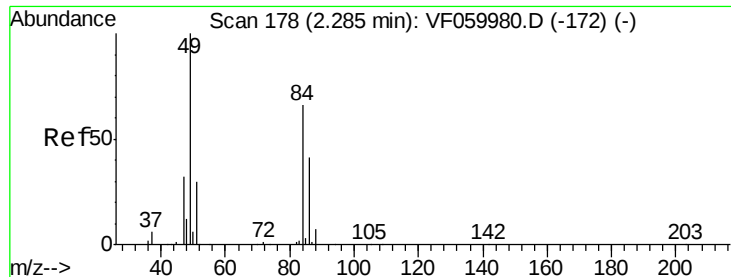
Tot Ion:168 Resp: 88147
Ion Ratio Lower Upper
168 100
99 75.0 59.0 88.6



#16
Acetone
Concen: 355.41 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF059998.D
Acq: 18 Aug 2018 3:41

Tgt Ion: 43 Resp: 165462
Ion Ratio Lower Upper
43 100
58 14.6 11.9 17.9

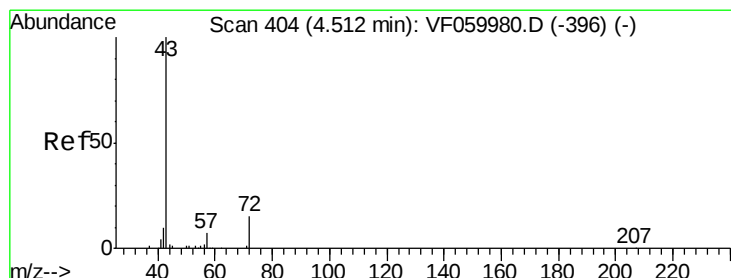
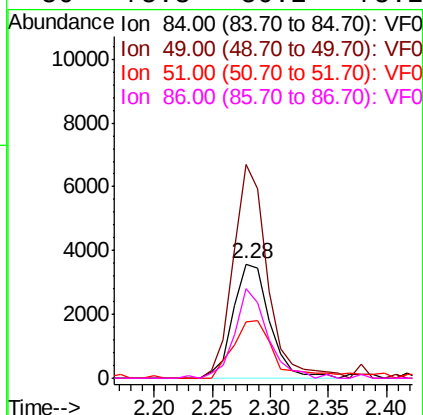
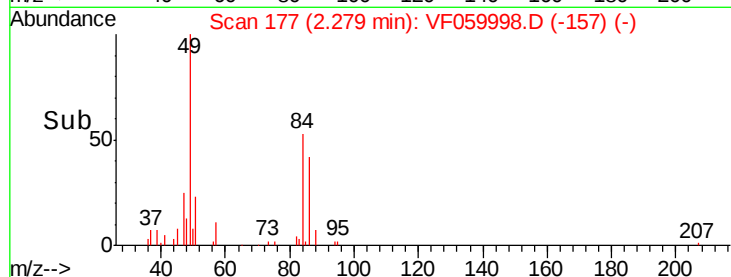
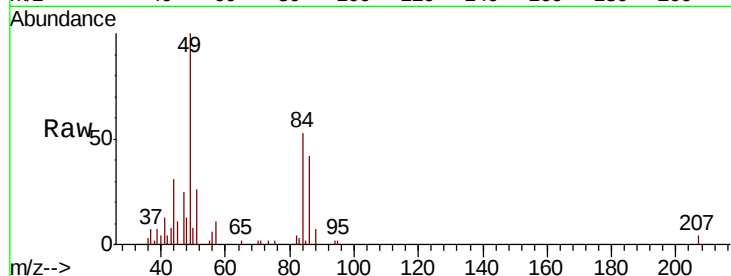




#20
Methylene Chloride
Concen: 4.59 ug/l
RT: 2.28 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF059998.D
Acq: 18 Aug 2018 3:41

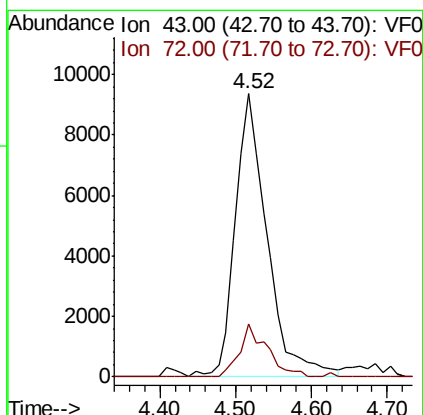
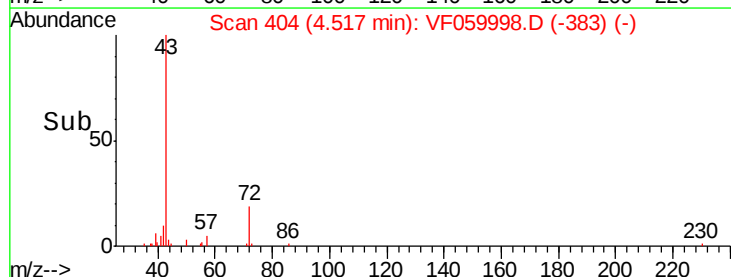
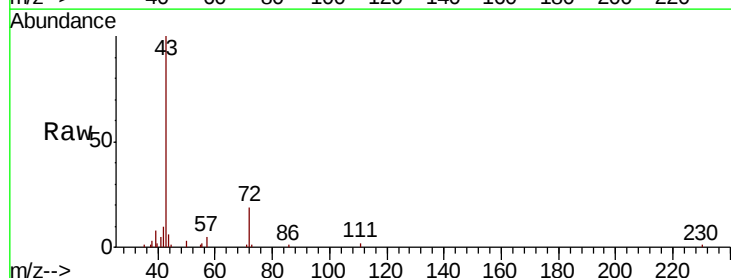
Instrument :
MSVOA_F
ClientSampleId :
RA-081518-FL-031

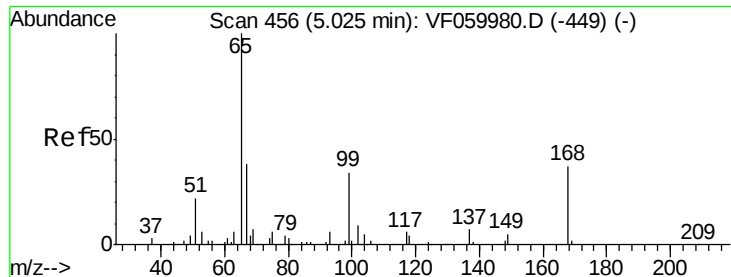
Tot Ion: 84 Resp: 7815
Ion Ratio Lower Upper
84 100
49 179.2 122.5 183.7
51 46.7 37.1 55.7
86 75.3 50.2 75.2#



#25
2-Butanone
Concen: 66.33 ug/l
RT: 4.52 min Scan# 404
Delta R.T. 0.00 min
Lab File: VF059998.D
Acq: 18 Aug 2018 3:41

Tgt Ion: 43 Resp: 27282
Ion Ratio Lower Upper
43 100
72 18.5 12.5 18.7

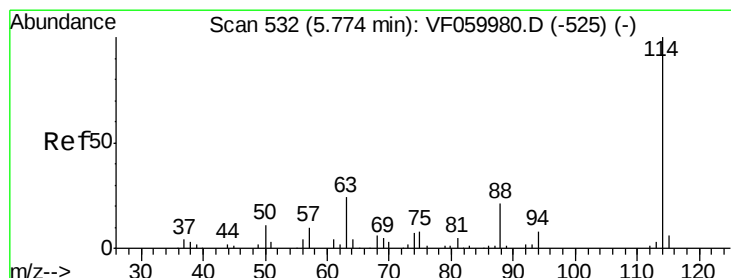
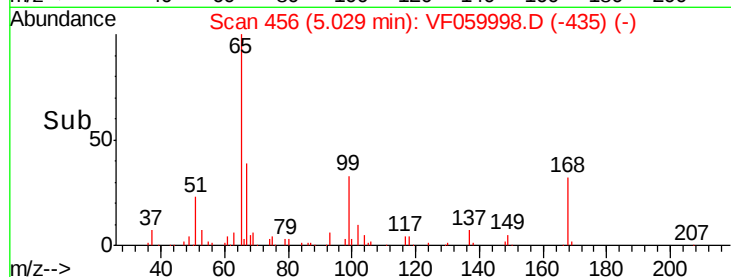
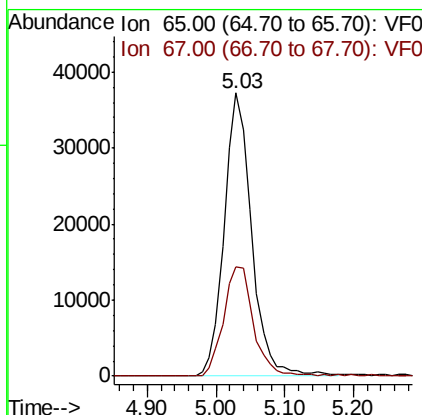
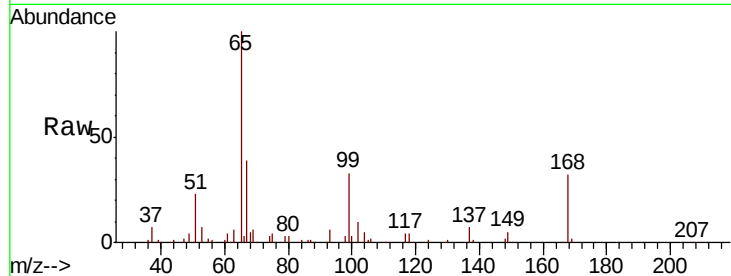




#33
 1,2-Dichloroethane-d4
 Concen: 60.38 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: VF059998.D
 Acq: 18 Aug 2018 3:41

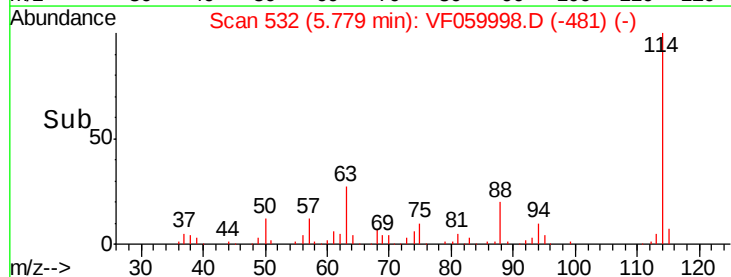
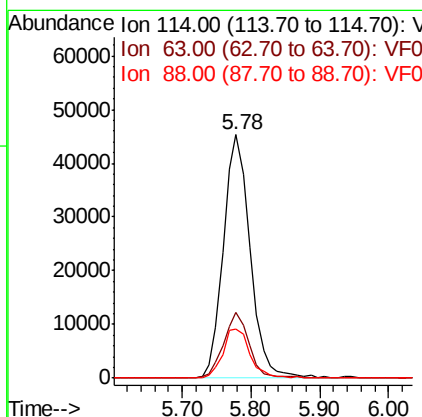
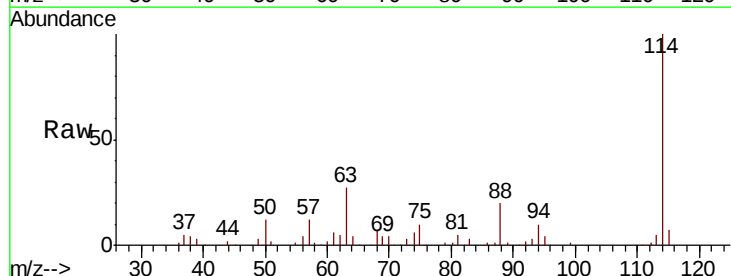
Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081518-FL-031

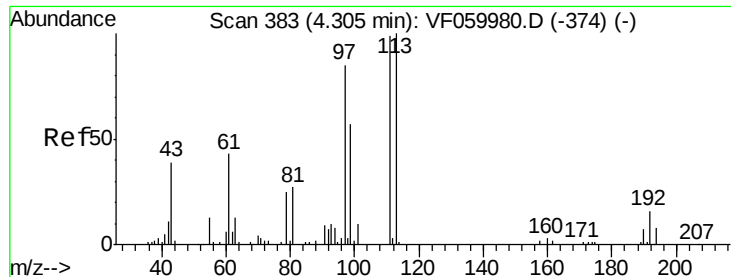
Tot Ion: 65 Resp: 102741
 Ion Ratio Lower Upper
 65 100
 67 38.6 0.0 82.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VF059998.D
 Acq: 18 Aug 2018 3:41

Tgt Ion: 114 Resp: 122422
 Ion Ratio Lower Upper
 114 100
 63 27.2 0.0 48.6
 88 20.4 0.0 42.8





#35

Dibromofluoromethane

Concen: 57.84 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF059998.D

Acq: 18 Aug 2018 3:41

Instrument :

MSVOA_F

ClientSampleId :

RA-081518-FL-031

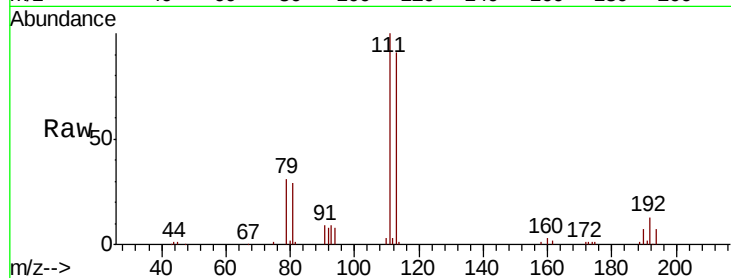
Tot Ion:113 Resp: 72367

Ion Ratio Lower Upper

113 100

111 109.9 79.5 119.3

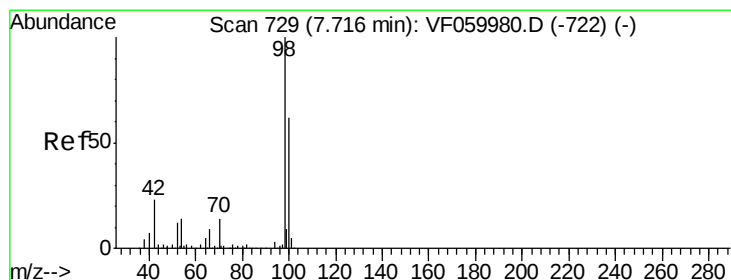
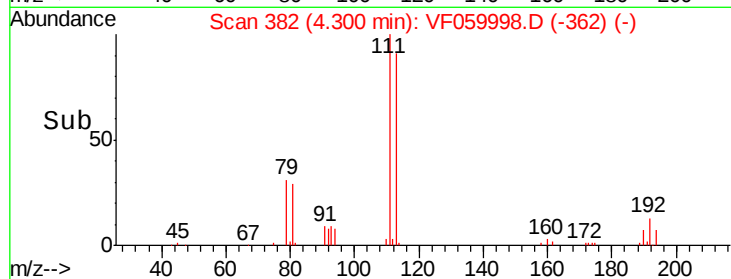
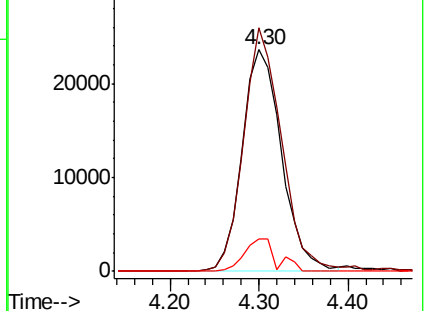
192 14.7 12.4 18.6



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: 47.66 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.00 min

Lab File: VF059998.D

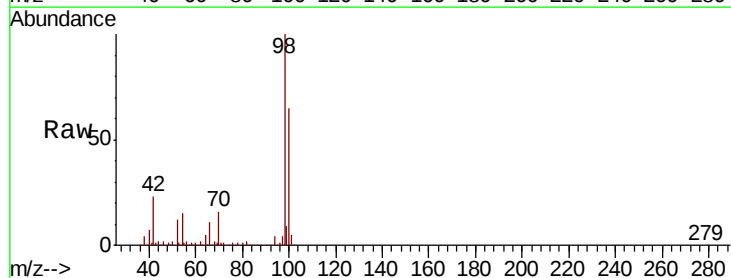
Acq: 18 Aug 2018 3:41

Tgt Ion: 98 Resp: 132621

Ion Ratio Lower Upper

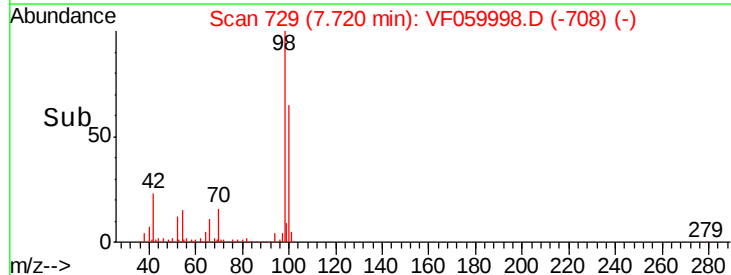
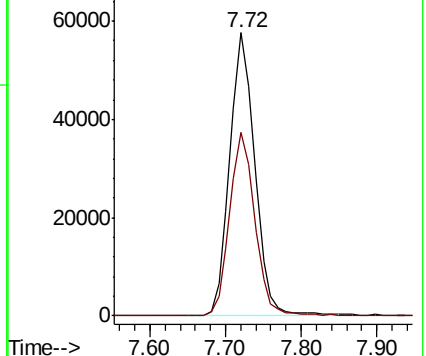
98 100

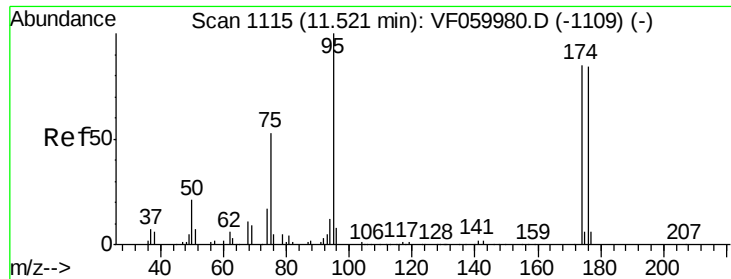
100 65.0 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 38.60 ug/l

RT: 11.52 min Scan# 1114

Delta R.T. -0.01 min

Lab File: VF059998.D

Acq: 18 Aug 2018 3:41

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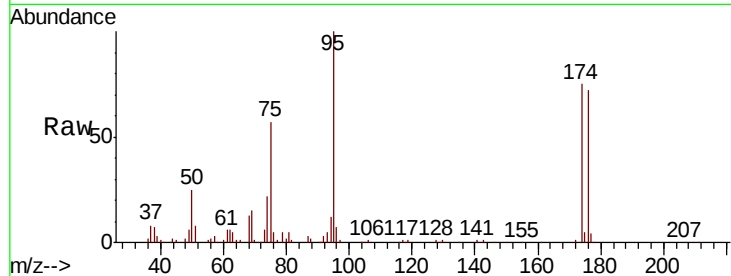
Tot Ion: 95 Resp: 65901

Ion Ratio Lower Upper

95 100

174 74.6 0.0 169.8

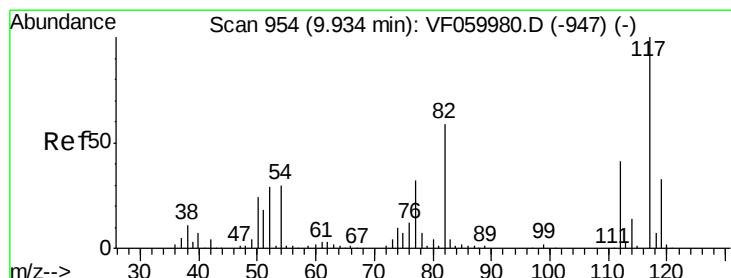
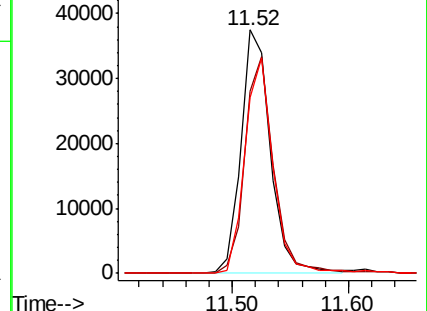
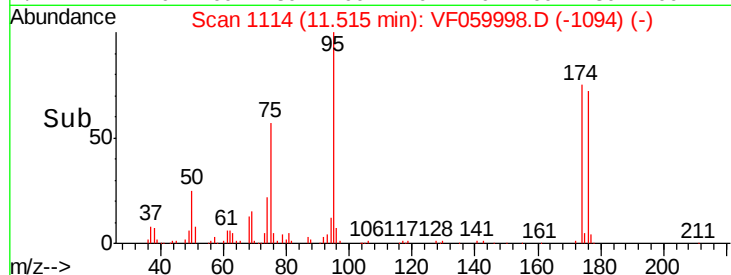
176 72.0 0.0 167.8



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: 50.00 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF059998.D

Acq: 18 Aug 2018 3:41

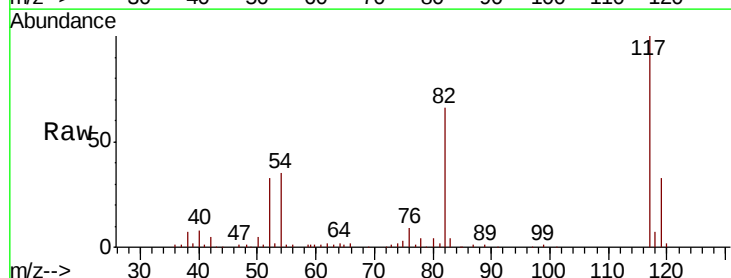
Tgt Ion: 117 Resp: 114655

Ion Ratio Lower Upper

117 100

82 65.8 47.2 70.8

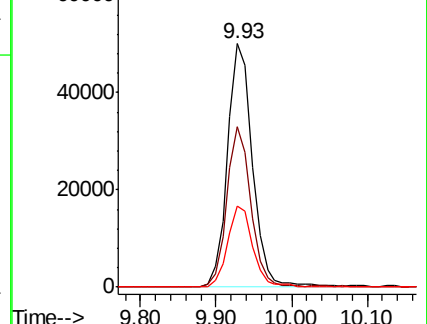
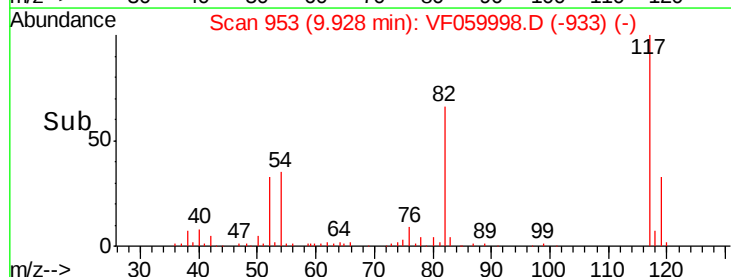
119 33.2 26.1 39.1

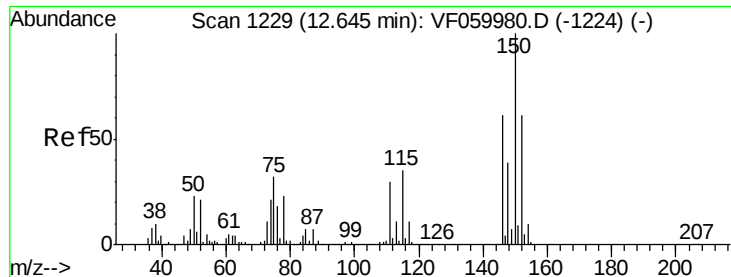


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF059998.D

Acq: 18 Aug 2018 3:41

Instrument :

MSVOA_F

ClientSampleId :

RA-081518-FL-031

Tot Ion:152 Resp: 64616

Ion Ratio Lower Upper

152 100

115 63.9 29.1 87.3

150 164.2 0.0 330.2

