

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060118.D
 Acq On : 24 Aug 2018 23:40
 Operator : VA/AP
 Sample : J4652-01
 Misc : 4.86g/5mL/MSVOA F/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SONO-S

Quant Time: Aug 25 05:37:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

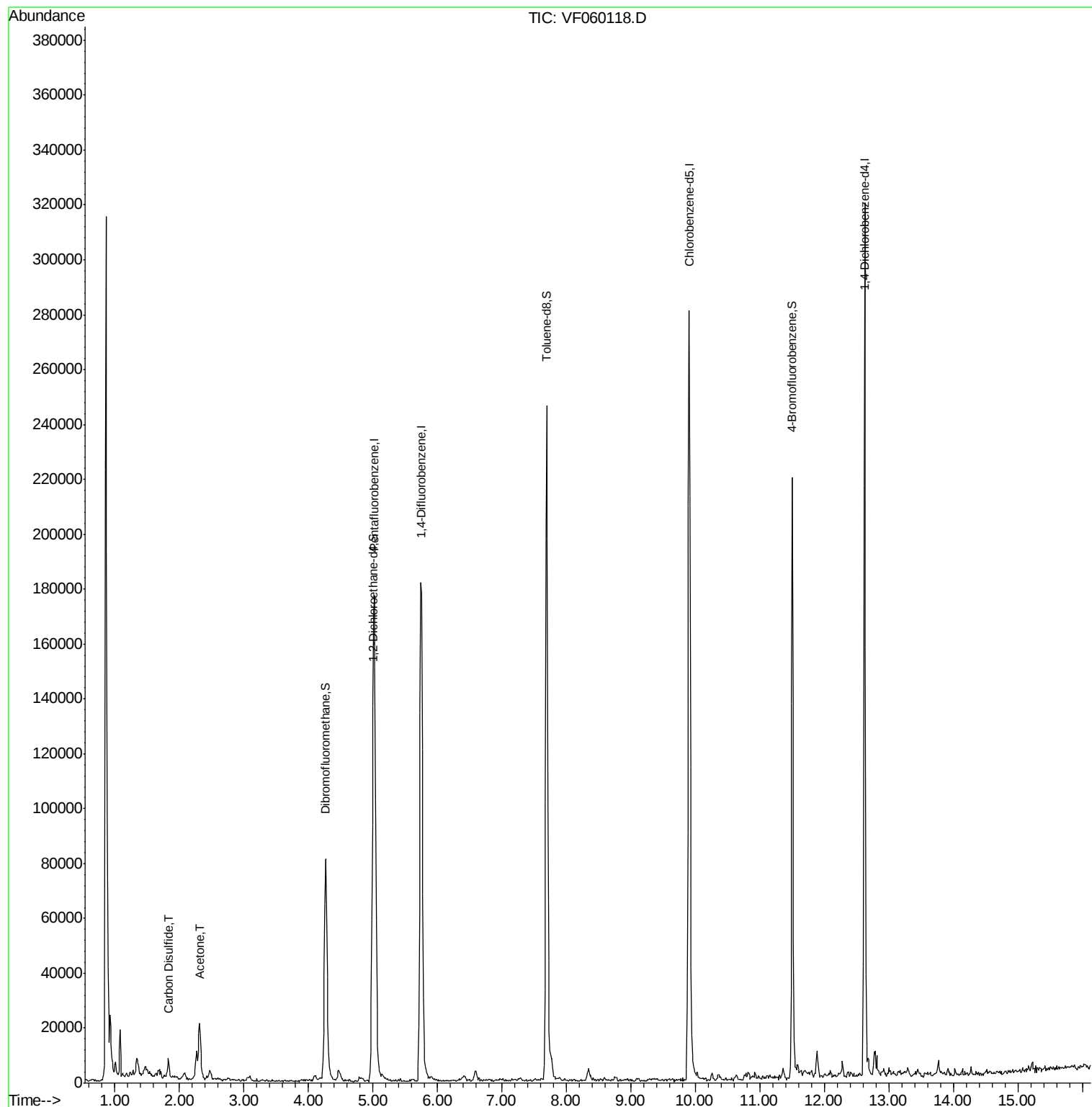
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	138695	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	196070	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	189682	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	73916	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	70028	36.89	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	73.78%	
35) Dibromofluoromethane	4.27	113	77440	50.30	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	7.70	98	200532	45.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.72%	
62) 4-Bromofluorobenzene	11.50	95	71948	31.10	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	62.20%	
Target Compounds						
16) Acetone	2.31	43	29746	59.62	ug/l	99
17) Carbon Disulfide	1.83	76	8271	3.00	ug/l #	91

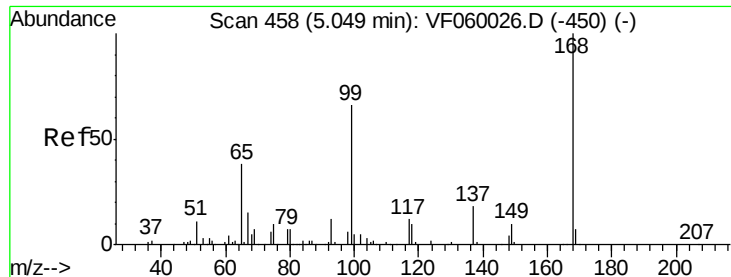
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF060118.D

Acq: 24 Aug 2018 23:40

Instrument :

MSVOA_F

ClientSampled :

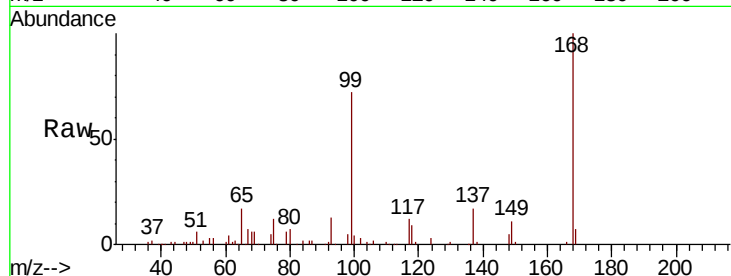
SONO-S

Tot Ion:168 Resp: 138695

Ion Ratio Lower Upper

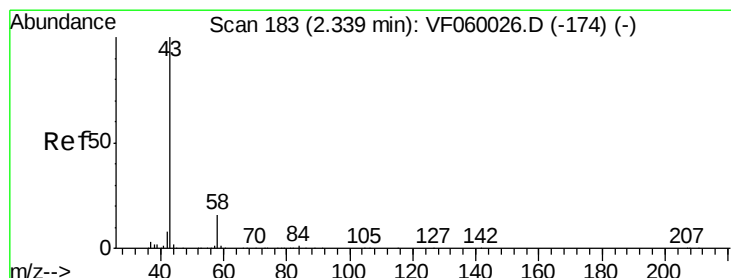
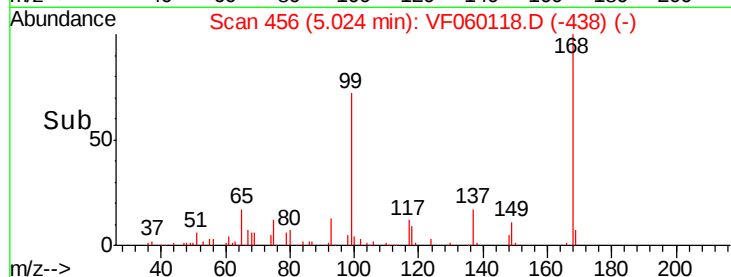
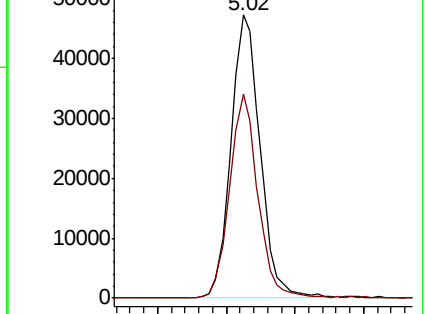
168 100

99 72.0 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 59.62 ug/l

RT: 2.31 min Scan# 181

Delta R.T. -0.02 min

Lab File: VF060118.D

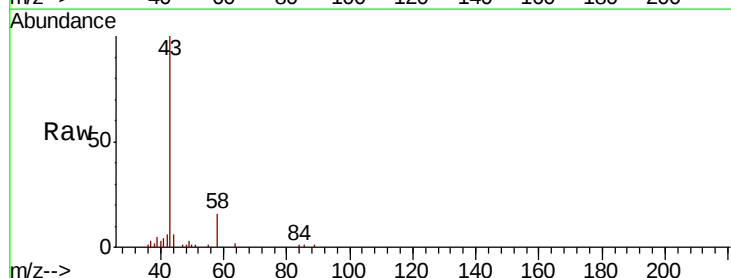
Acq: 24 Aug 2018 23:40

Tgt Ion: 43 Resp: 29746

Ion Ratio Lower Upper

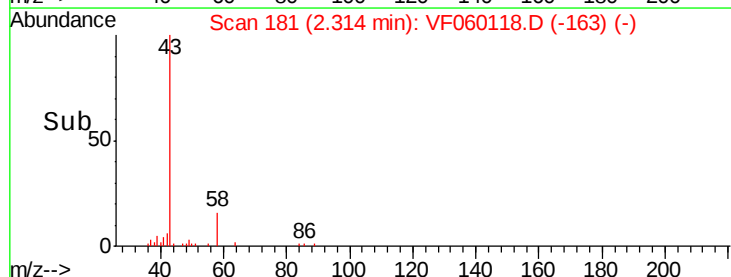
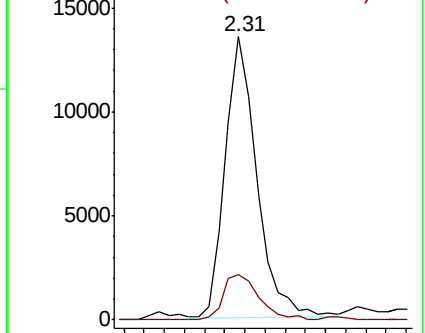
43 100

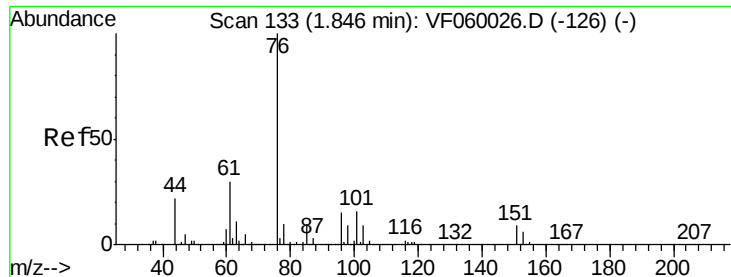
58 16.2 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

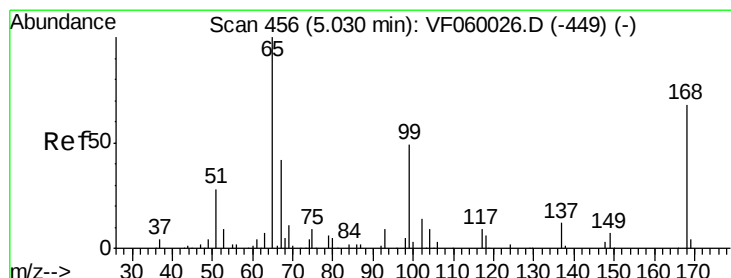
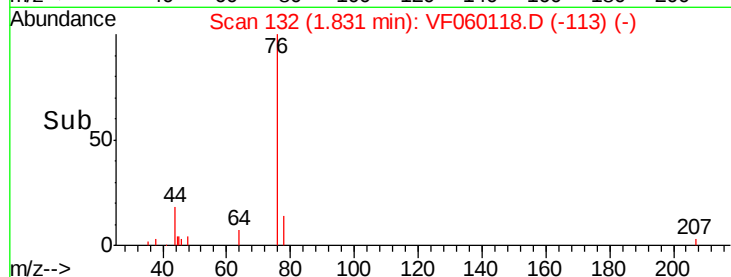
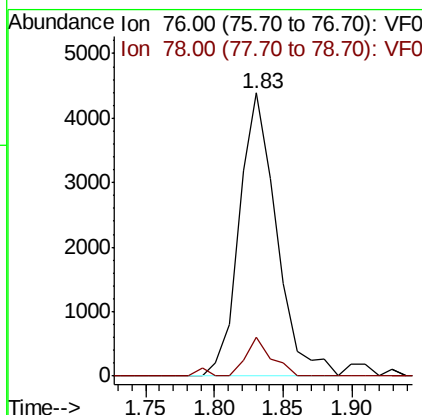
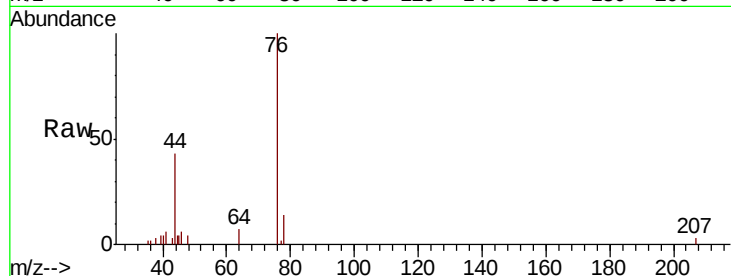




#17
Carbon Disulfide
Concen: 3.00 ug/l
RT: 1.83 min Scan# 132
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

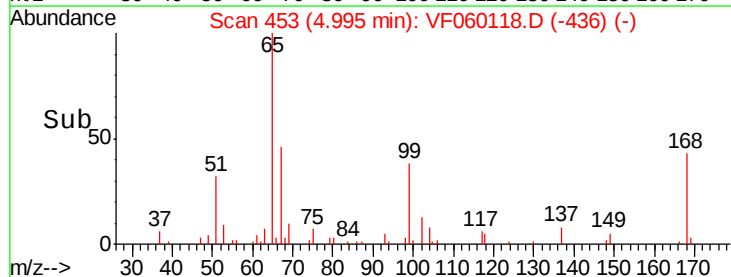
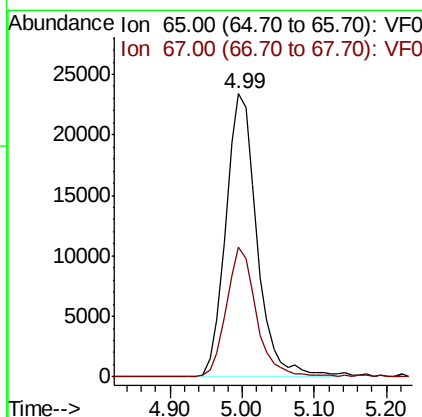
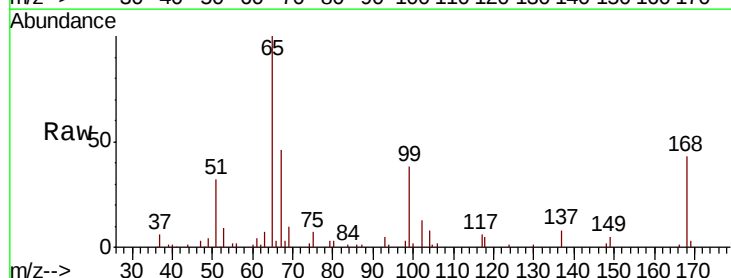
Instrument :
MSVOA_F
ClientSampleId :
SONO-S

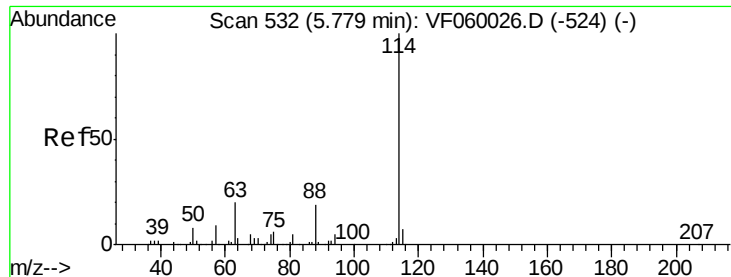
Tot Ion: 76 Resp: 8271
Ion Ratio Lower Upper
76 100
78 13.7 8.4 12.6#



#33
1,2-Dichloroethane-d4
Concen: 36.89 ug/l
RT: 4.99 min Scan# 453
Delta R.T. -0.03 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Tgt Ion: 65 Resp: 70028
Ion Ratio Lower Upper
65 100
67 45.9 0.0 92.0

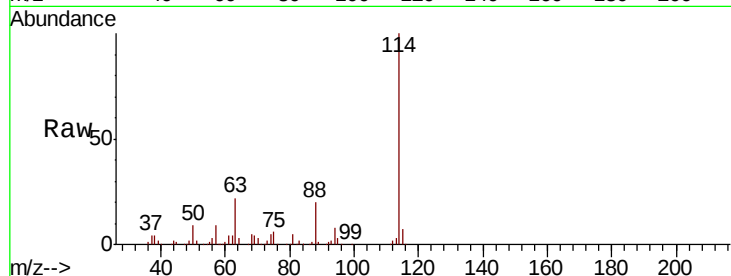




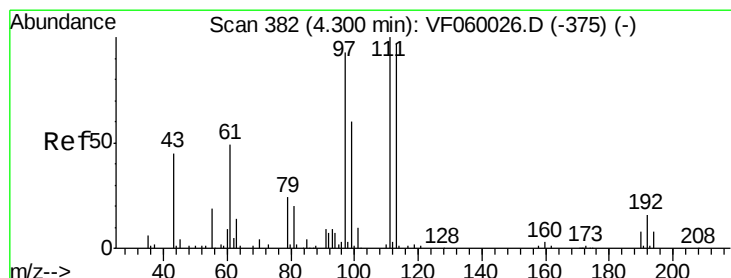
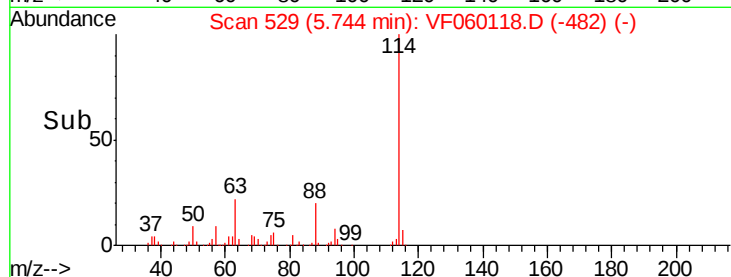
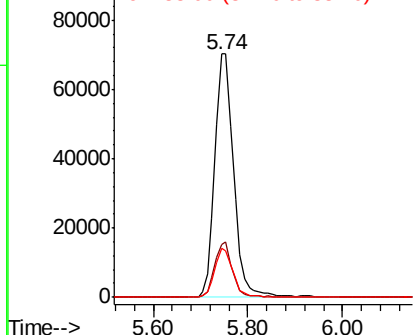
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.74 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VF060118.D
 Acq: 24 Aug 2018 23:40

Instrument :
 MSVOA_F
 ClientSampleId :
 SONO-S

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	40.4
88	20.0	0.0	38.6

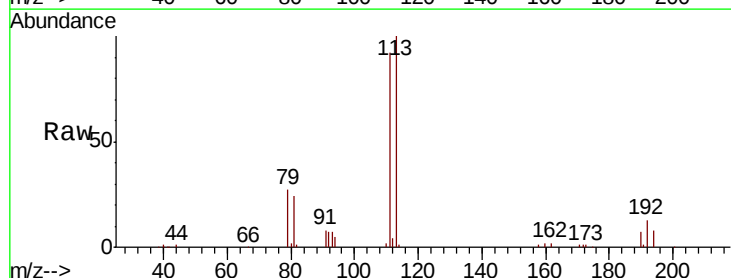


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

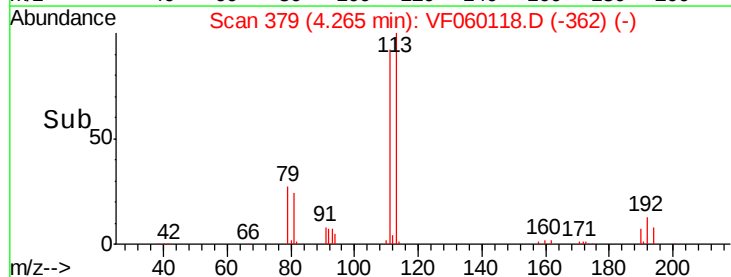
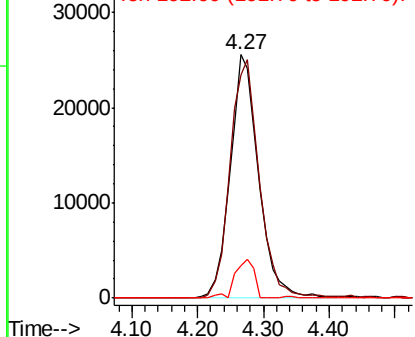


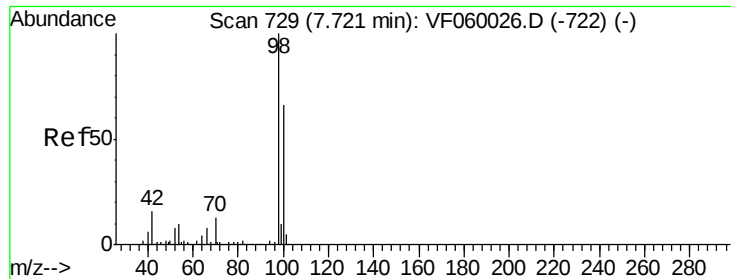
#35
 Dibromofluoromethane
 Concen: 50.30 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. -0.03 min
 Lab File: VF060118.D
 Acq: 24 Aug 2018 23:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	91.1	82.7	124.1
192	13.0	13.0	19.4



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

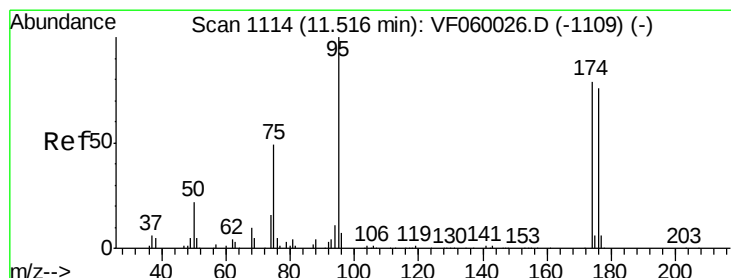
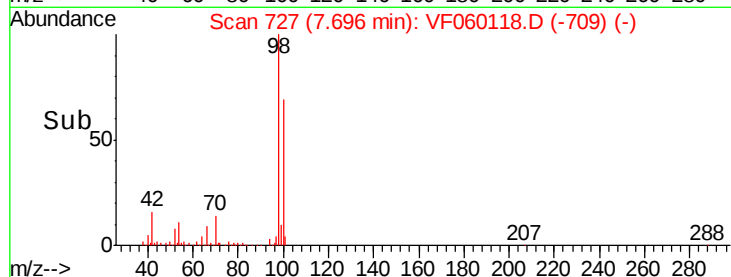
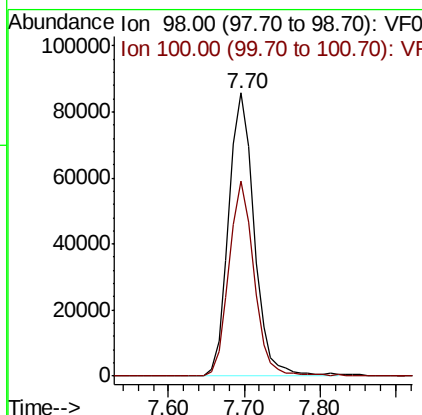
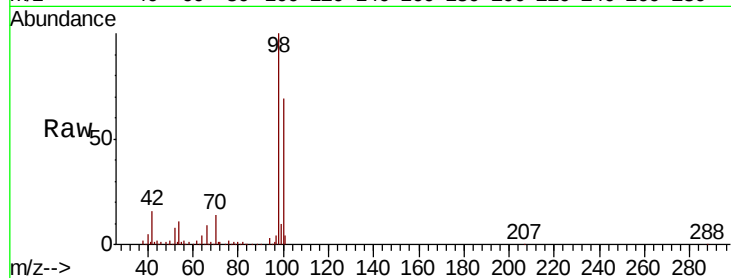




#50
Toluene-d8
Concen: 45.86 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

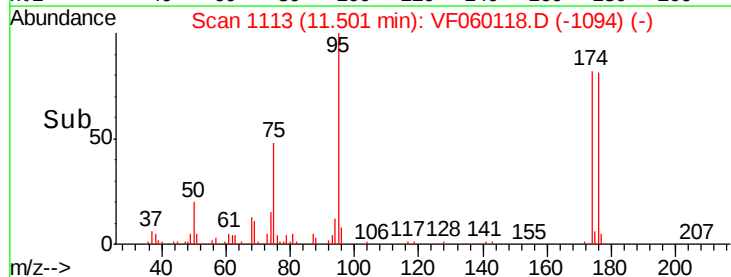
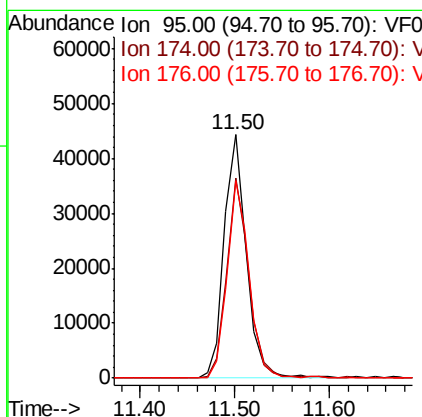
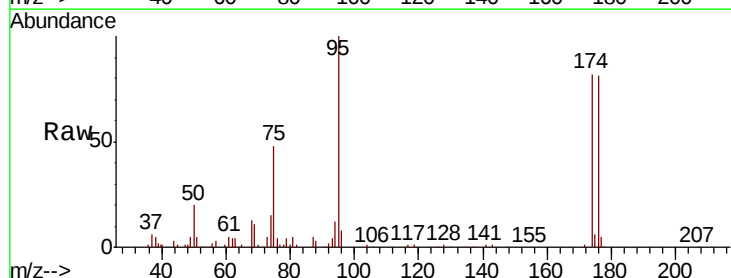
Instrument :
MSVOA_F
ClientSampleId :
SONO-S

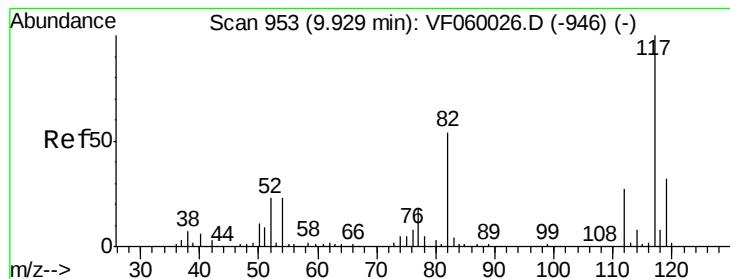
Tot Ion: 98 Resp: 200532
Ion Ratio Lower Upper
98 100
100 68.8 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 31.10 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF060118.D
Acq: 24 Aug 2018 23:40

Tgt Ion: 95 Resp: 71948
Ion Ratio Lower Upper
95 100
174 82.1 0.0 158.4
176 80.9 0.0 153.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.90 min Scan# 951

Delta R.T. -0.02 min

Lab File: VF060118.D

Acq: 24 Aug 2018 23:40

Instrument :

MSVOA_F

ClientSampleId :

SONO-S

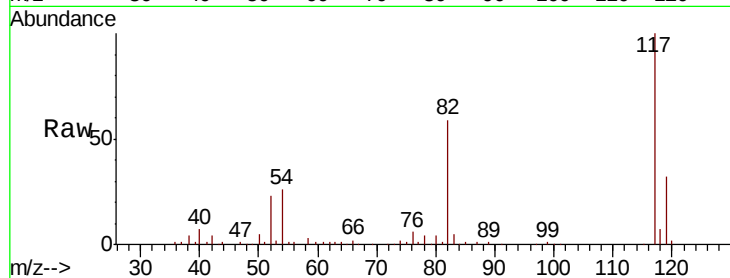
Tot Ion:117 Resp: 189682

Ion Ratio Lower Upper

117 100

82 59.4 43.6 65.4

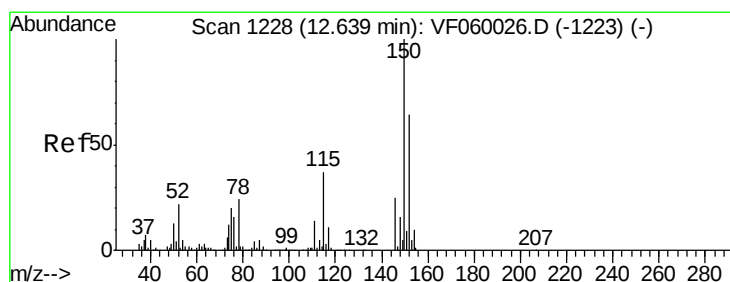
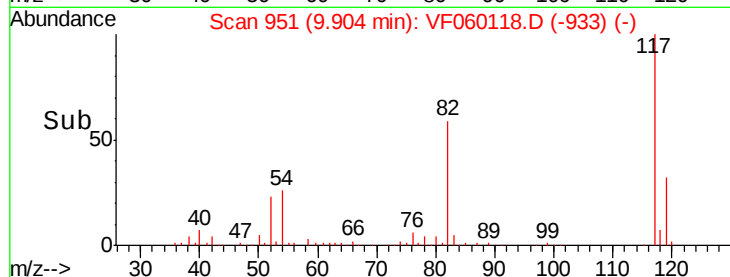
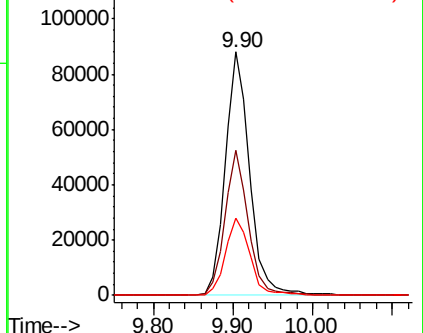
119 31.8 25.6 38.4



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: 12.62 min Scan# 1227

Delta R.T. -0.02 min

Lab File: VF060118.D

Acq: 24 Aug 2018 23:40

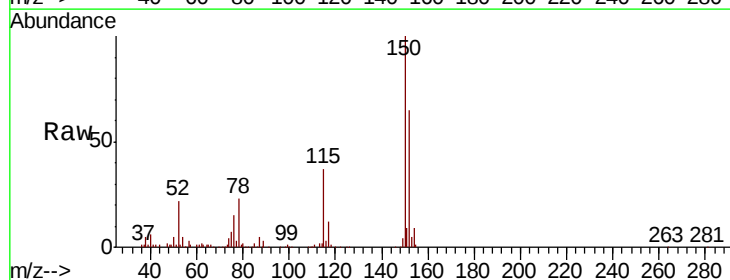
Tgt Ion:152 Resp: 73916

Ion Ratio Lower Upper

152 100

115 56.6 28.6 85.9

150 154.9 0.0 312.0



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

