

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082918\
 Data File : VF060179.D
 Acq On : 29 Aug 2018 6:54
 Operator : VA/AP
 Sample : J4652-01RE
 Misc : 4.98g/5mL/MSVOA F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SONO-SRE

Quant Time: Aug 29 08:12:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 29 03:22:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	49482	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	49103	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	24882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	7726	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	9912	32.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.14%	
35) Dibromofluoromethane	4.28	113	12612	39.93	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.86%	
50) Toluene-d8	7.70	98	36199	33.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.00%	
62) 4-Bromofluorobenzene	11.51	95	9871	24.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.54%	

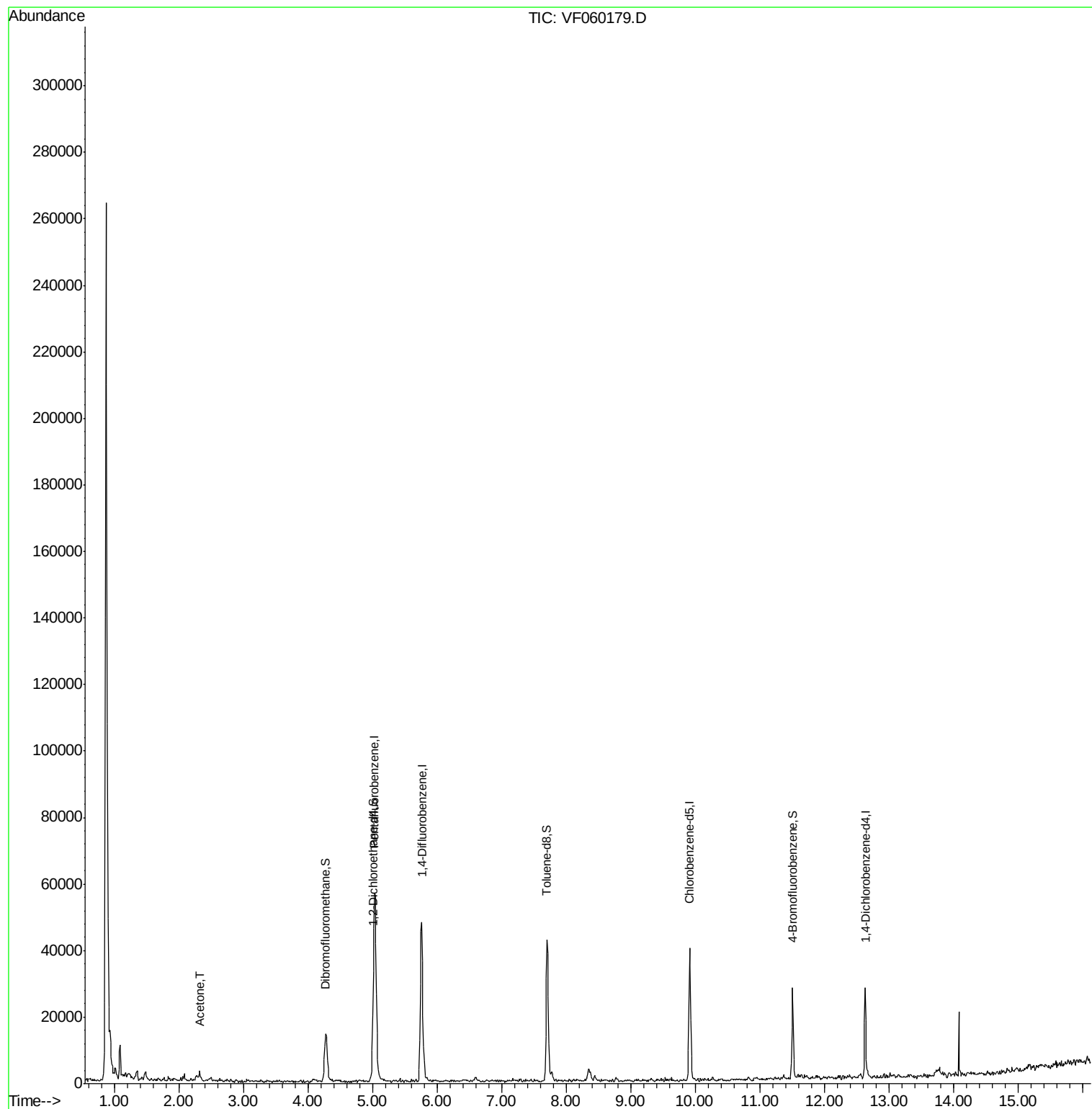
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	3099	68.36	ug/l #	75

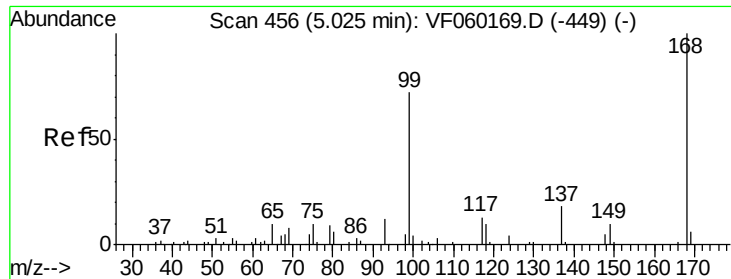
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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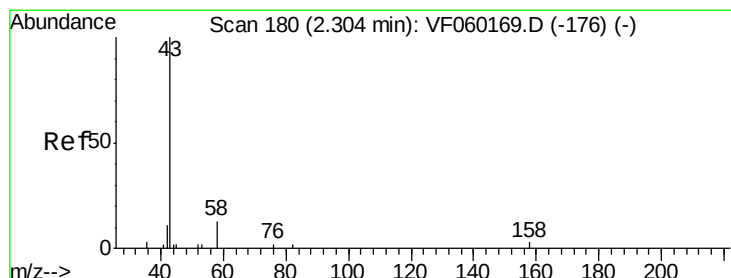
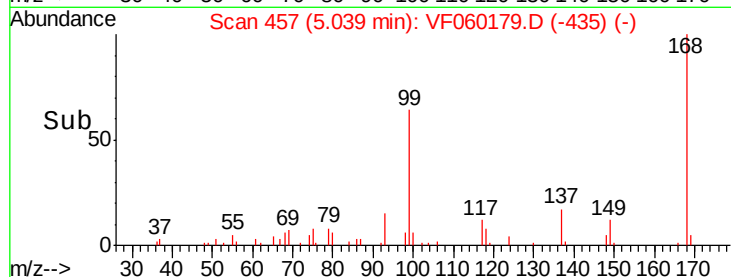
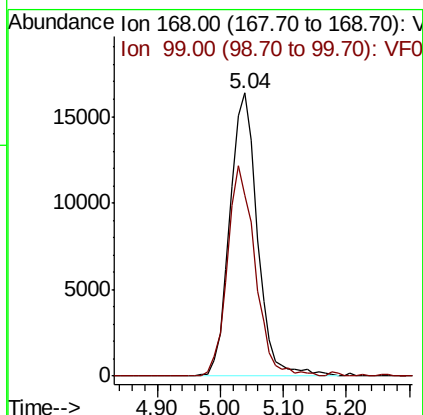
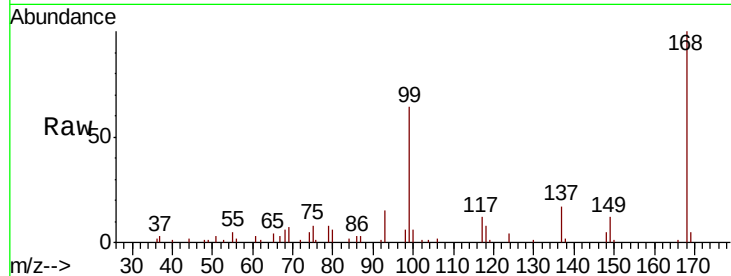




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF060179.D
Acq: 29 Aug 2018 6:54

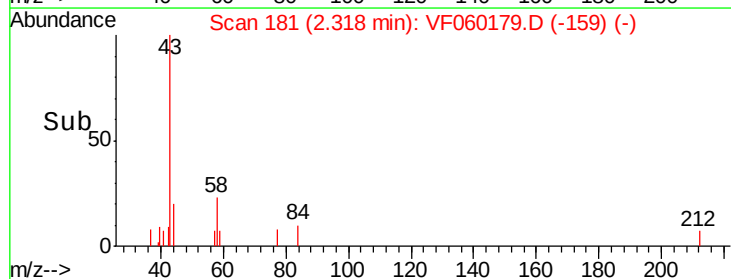
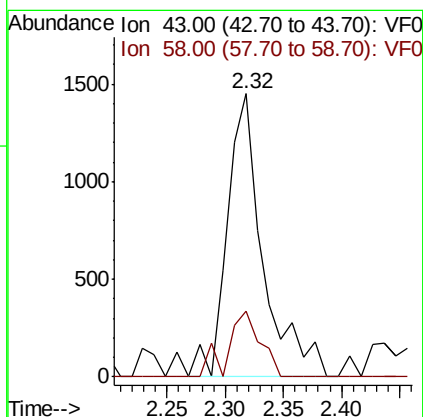
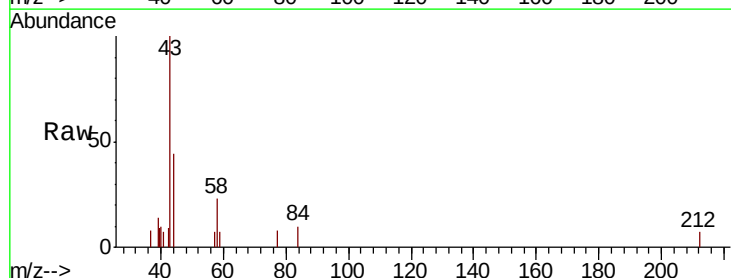
Instrument :
MSVOA_F
ClientSampleId :
SONO-SRE

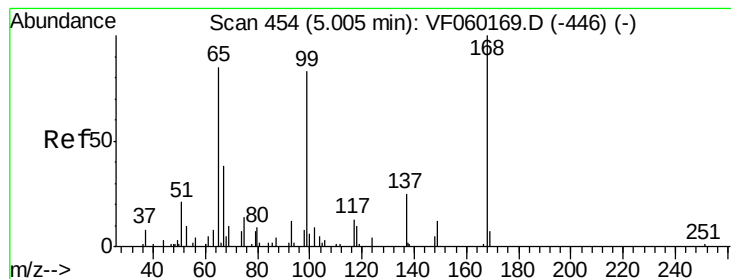
Tot Ion:168 Resp: 49482
Ion Ratio Lower Upper
168 100
99 63.9 57.9 86.9



#16
Acetone
Concen: 68.36 ug/l
RT: 2.32 min Scan# 181
Delta R.T. 0.01 min
Lab File: VF060179.D
Acq: 29 Aug 2018 6:54

Tgt Ion: 43 Resp: 3099
Ion Ratio Lower Upper
43 100
58 23.3 10.7 16.1#





#33

1,2-Dichloroethane-d4

Concen: 32.07 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF060179.D

Acq: 29 Aug 2018 6:54

Instrument :

MSVOA_F

ClientSampleId :

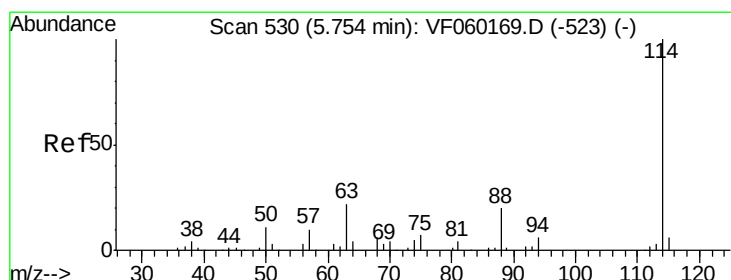
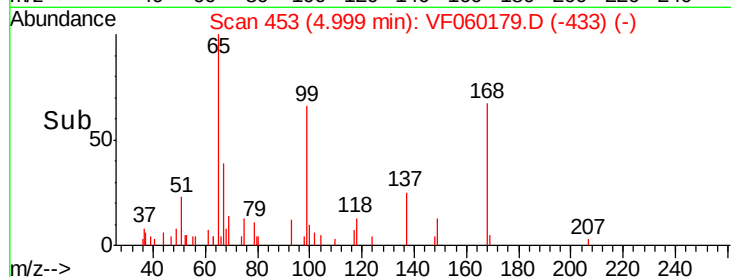
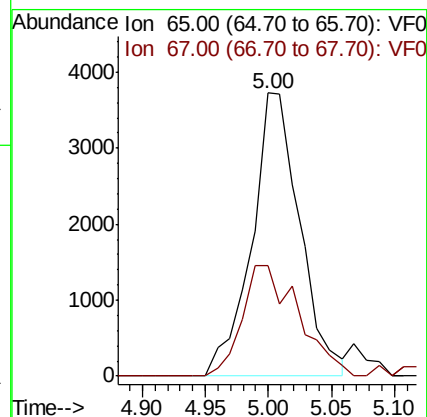
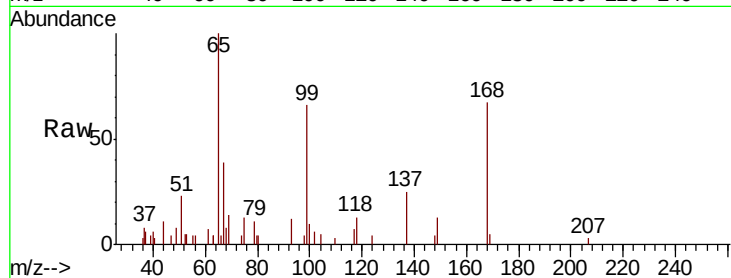
SONO-SRE

Tot Ion: 65 Resp: 9912

Ion Ratio Lower Upper

65 100

67 39.1 0.0 92.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. 0.00 min

Lab File: VF060179.D

Acq: 29 Aug 2018 6:54

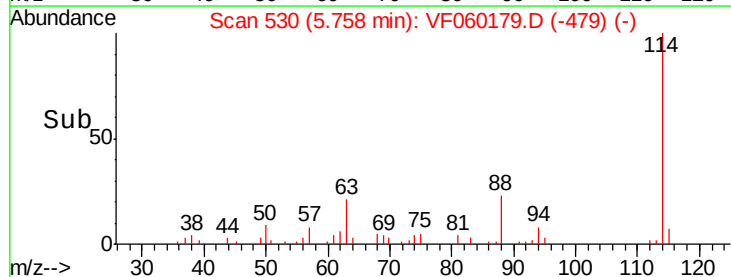
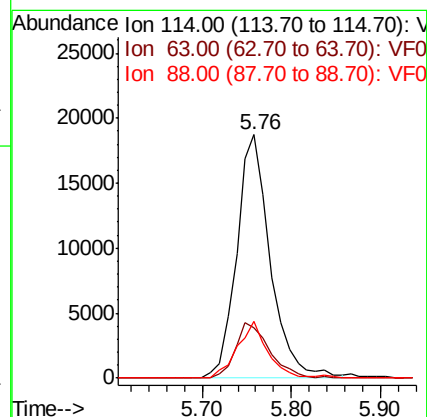
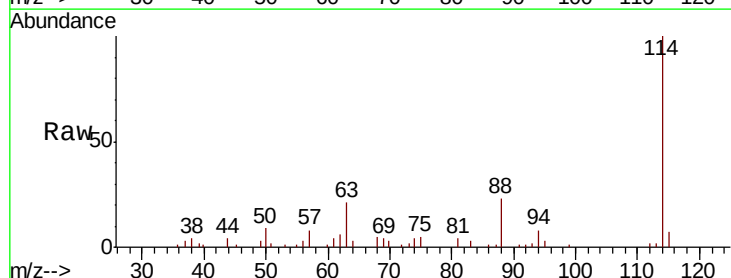
Tgt Ion: 114 Resp: 49103

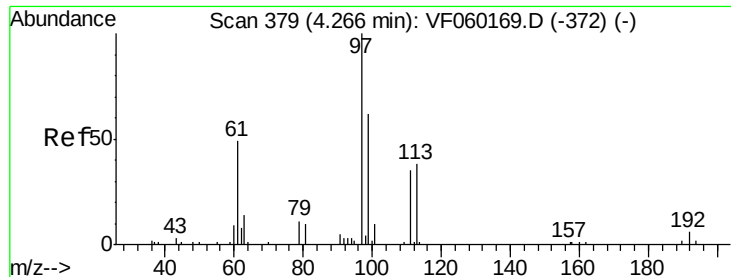
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.8

88 23.1 0.0 40.2

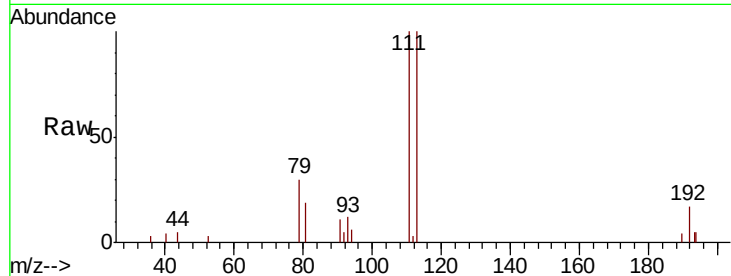




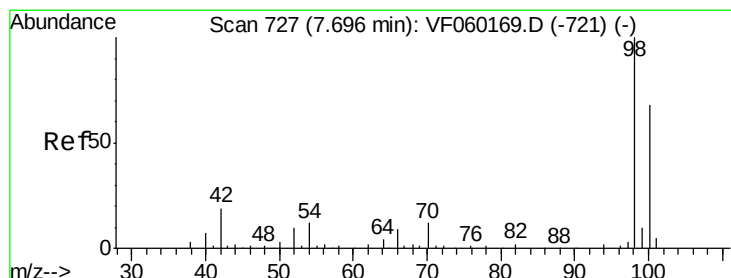
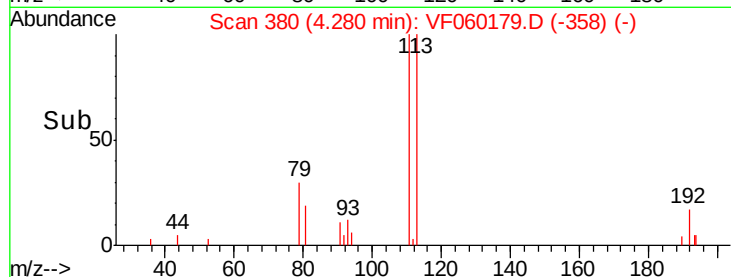
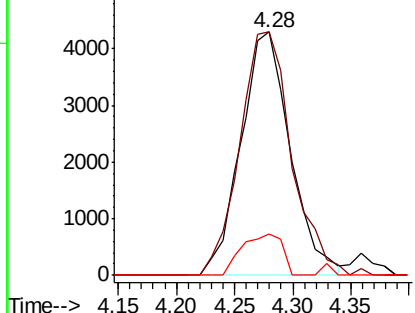
#35
 Dibromofluoromethane
 Concen: 39.93 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. 0.01 min
 Lab File: VF060179.D
 Acq: 29 Aug 2018 6:54

Instrument :
 MSVOA_F
 ClientSampleId :
 SONO-SRE

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.9	75.5	113.3
192	16.8	12.5	18.7

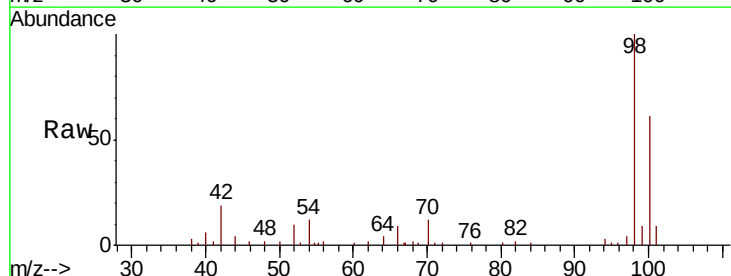


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

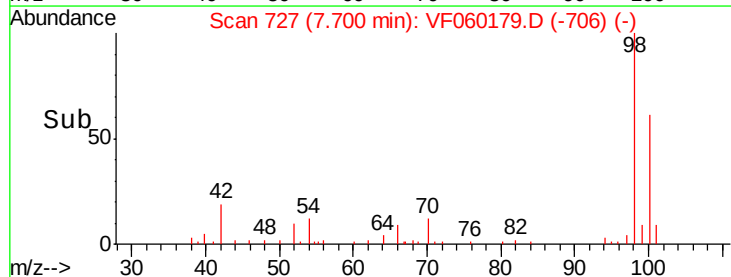
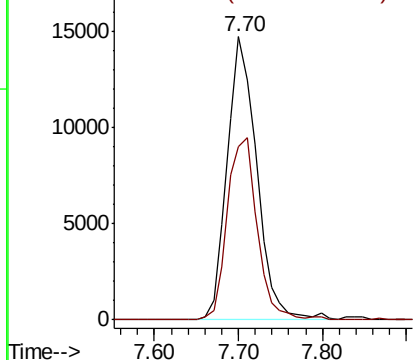


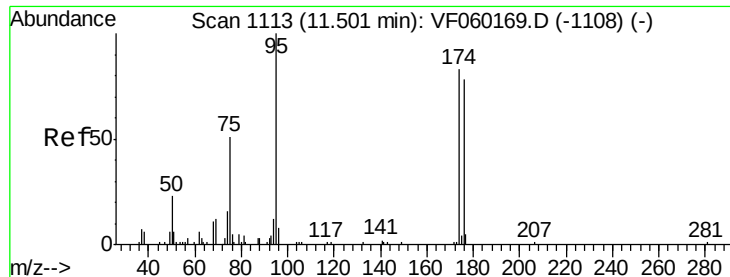
#50
 Toluene-d8
 Concen: 33.50 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VF060179.D
 Acq: 29 Aug 2018 6:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	61.0	54.5	81.7



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





#62

4-Bromofluorobenzene

Concen: 24.77 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF060179.D

Acq: 29 Aug 2018 6:54

Instrument :

MSVOA_F

ClientSampleId :

SONO-SRE

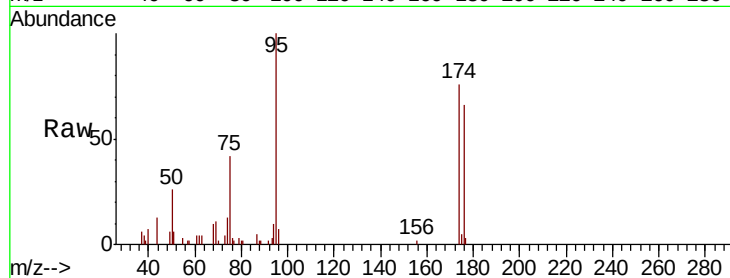
Tot Ion: 95 Resp: 9871

Ion Ratio Lower Upper

95 100

174 75.9 0.0 165.2

176 66.0 0.0 156.6



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

11.51

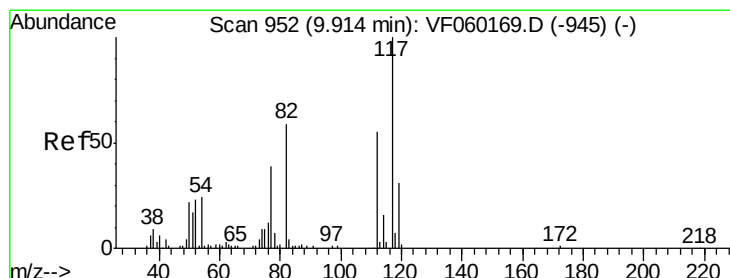
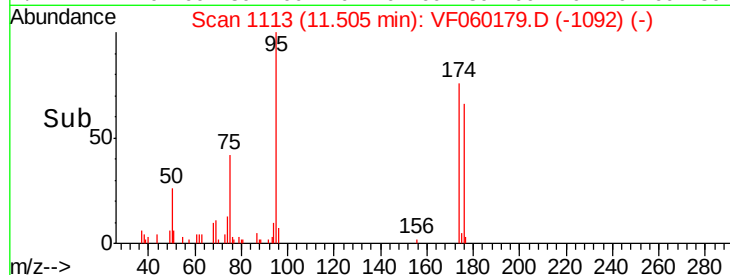
6000

4000

2000

0

Time--> 11.40 11.50 11.60



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF060179.D

Acq: 29 Aug 2018 6:54

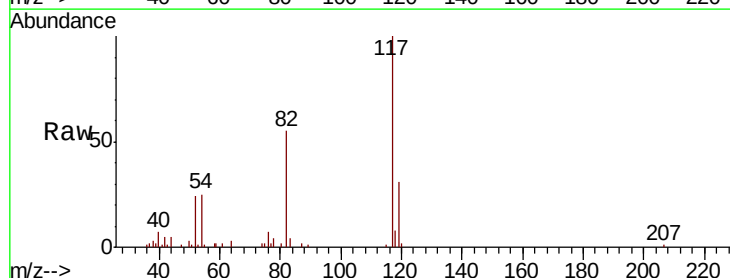
Tgt Ion: 117 Resp: 24882

Ion Ratio Lower Upper

117 100

82 55.0 47.2 70.8

119 31.4 25.0 37.4



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

9.92

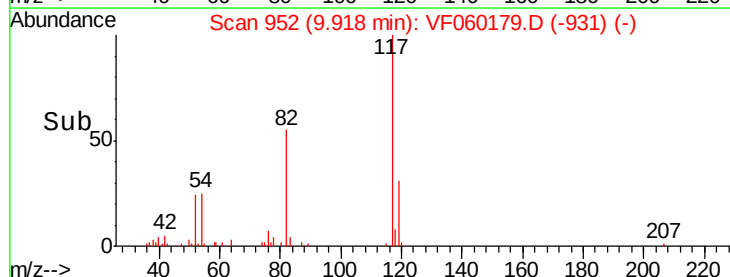
15000

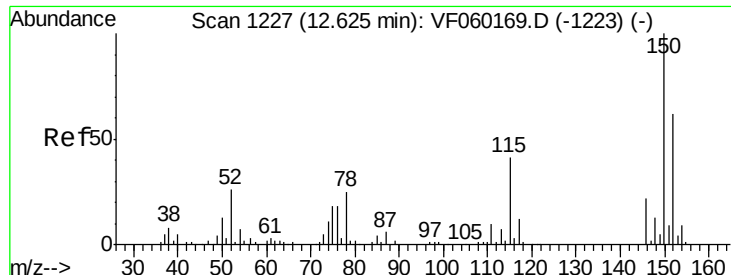
10000

5000

0

Time--> 9.80 9.90 10.00

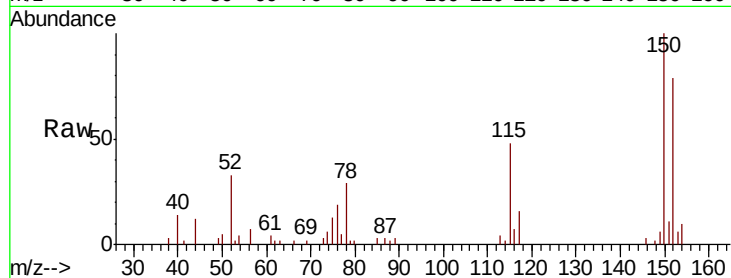




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VF060179.D
 Acq: 29 Aug 2018 6:54

Instrument :
 MSVOA_F
 ClientSampleId :
 SONO-SRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.6	33.2	99.6
150	127.3	0.0	325.6



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

