

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
 Data File : VF060924.D
 Acq On : 6 Dec 2018 18:34
 Operator : VA/AP
 Sample : J6202-01
 Misc : 4.92g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SAMPLE-1

Quant Time: Dec 07 00:31:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

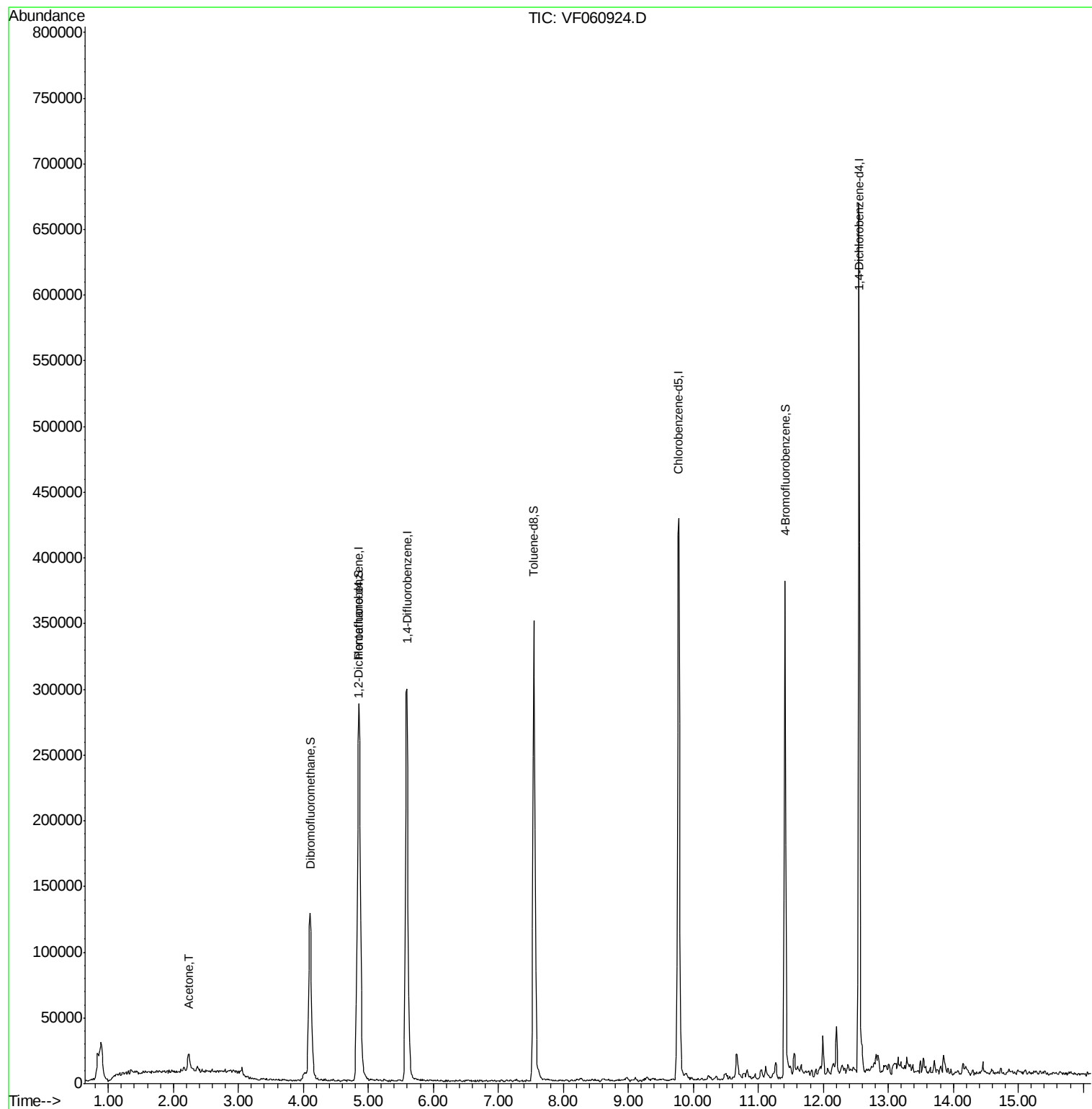
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	206672	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	348354	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.78	117	309933	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	164024	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	113457	46.60	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	93.20%	
35) Dibromofluoromethane	4.10	113	122163	44.20	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	88.40%	
50) Toluene-d8	7.55	98	291735	35.84	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	71.68%	
62) 4-Bromofluorobenzene	11.41	95	151629	40.98	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	81.96%	
Target Compounds						
16) Acetone	2.23	43	20228	45.055	ug/l	Qvalue 95

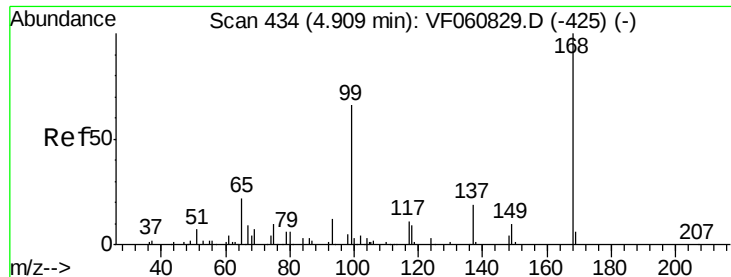
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF120618\
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QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF060924.D

Acq: 6 Dec 2018 18:34

Instrument :

MSVOA_F

ClientSampleId :

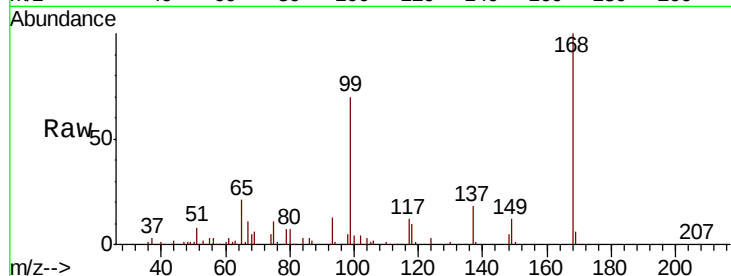
SAMPLE-1

Tot Ion:168 Resp: 206672

Ion Ratio Lower Upper

168 100

99 69.5 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

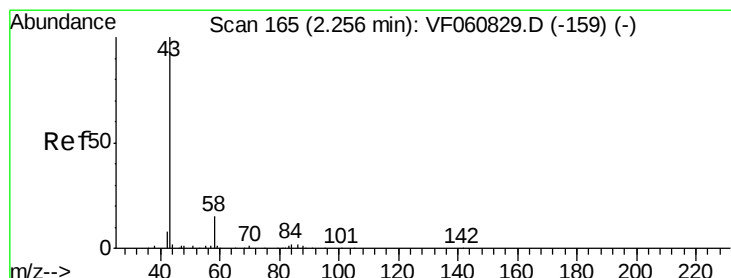
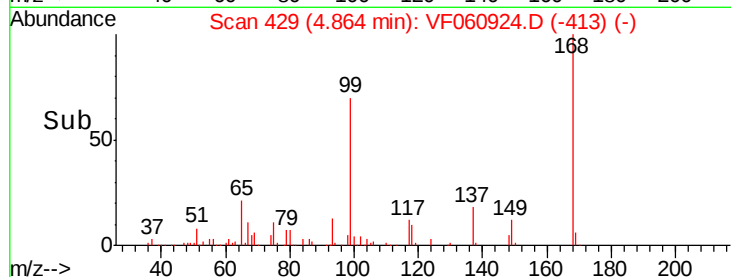
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 45.055 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.03 min

Lab File: VF060924.D

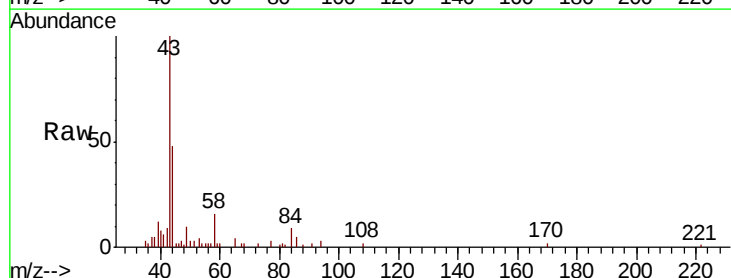
Acq: 6 Dec 2018 18:34

Tgt Ion: 43 Resp: 20228

Ion Ratio Lower Upper

43 100

58 16.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

8000

6000

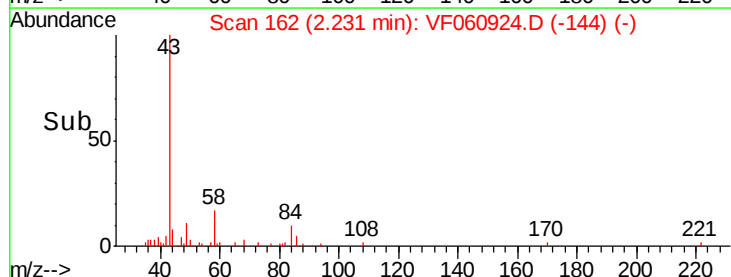
4000

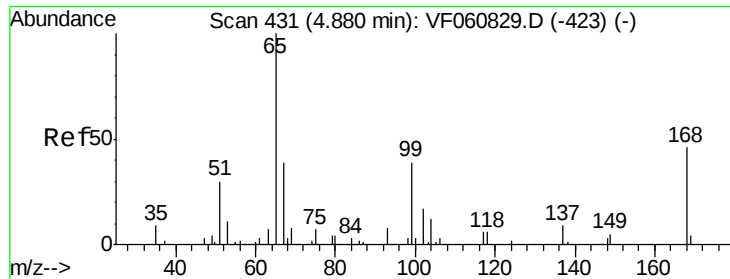
2000

0

Time-->

2.20 2.30





#33

1,2-Dichloroethane-d4

Concen: 46.601 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.05 min

Lab File: VF060924.D

Acq: 6 Dec 2018 18:34

Instrument :

MSVOA_F

ClientSampleId :

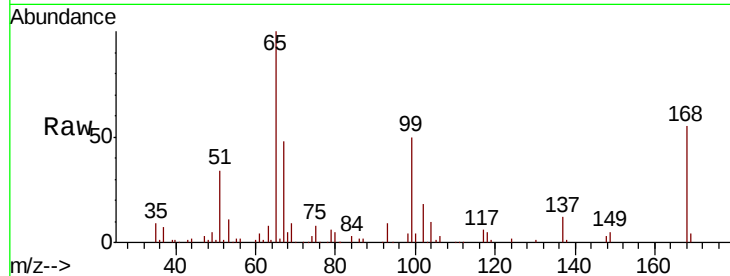
SAMPLE-1

Tot Ion: 65 Resp: 113457

Ion Ratio Lower Upper

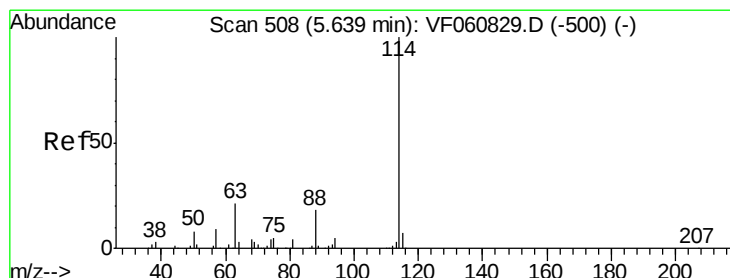
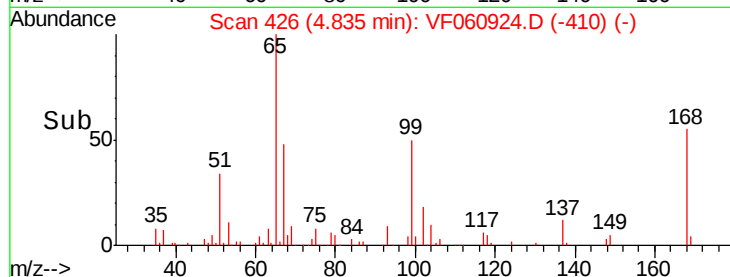
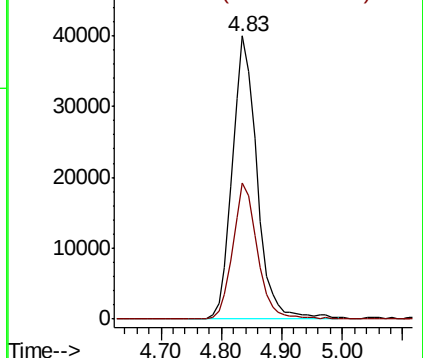
65 100

67 48.0 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF060924.D

Acq: 6 Dec 2018 18:34

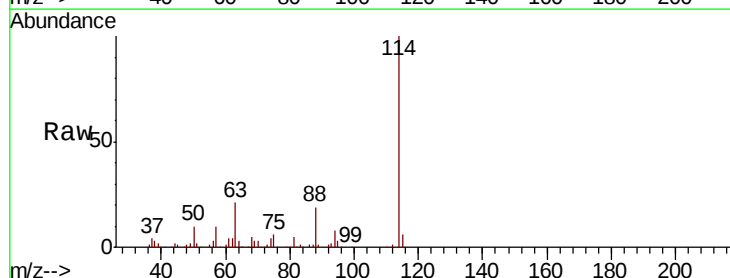
Tgt Ion:114 Resp: 348354

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

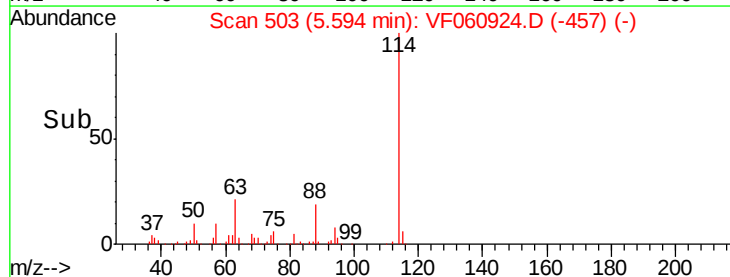
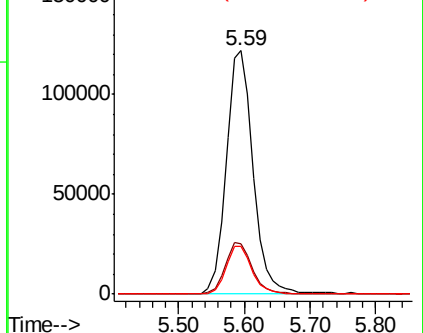
88 19.4 0.0 36.6

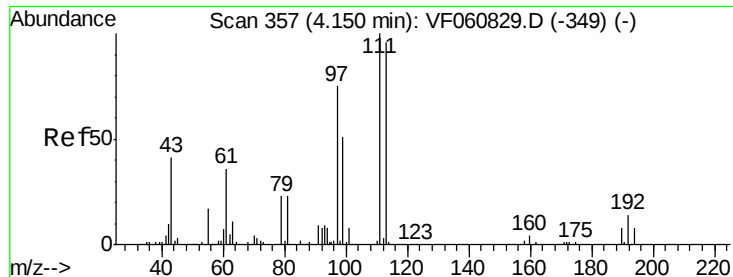


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

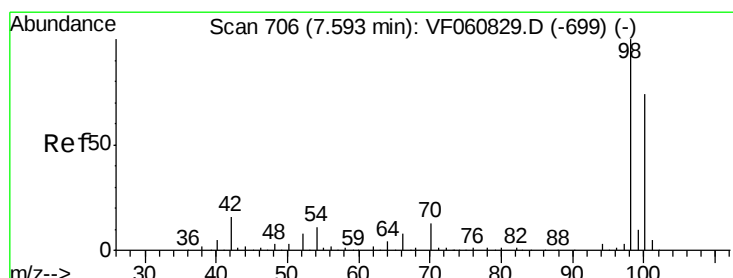
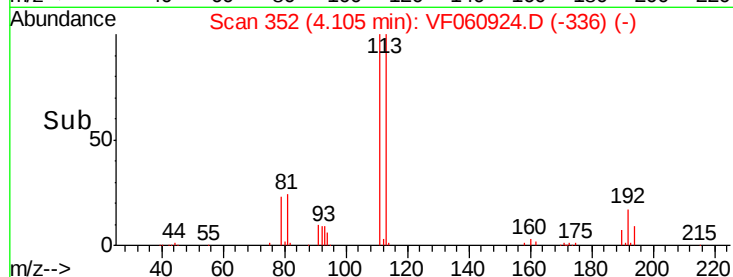
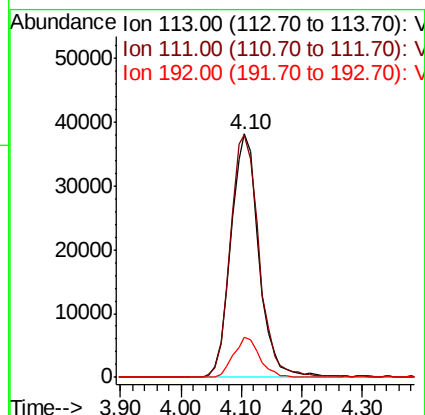
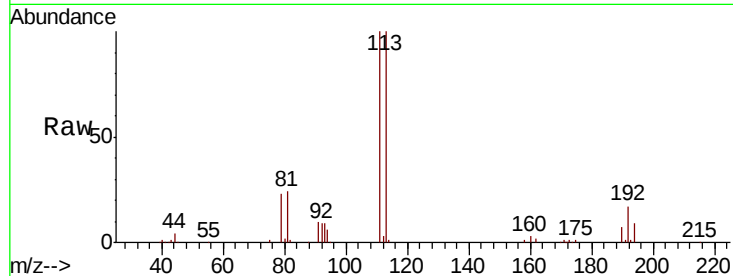




#35
Dibromofluoromethane
Concen: 44.205 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF060924.D
Acq: 6 Dec 2018 18:34

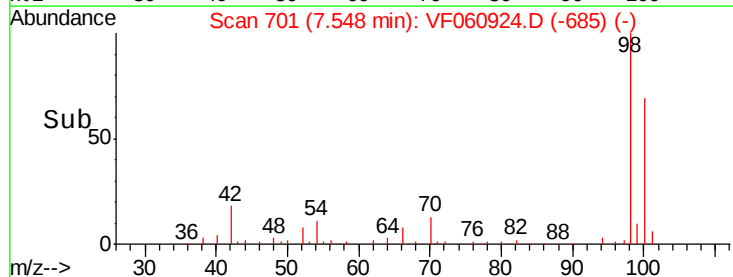
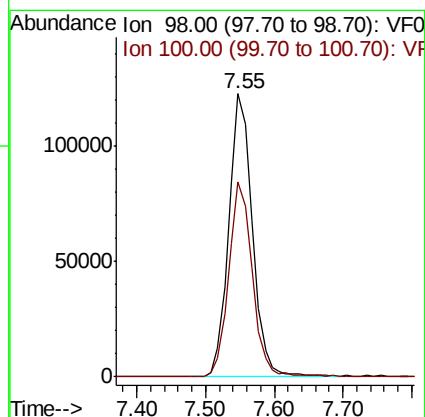
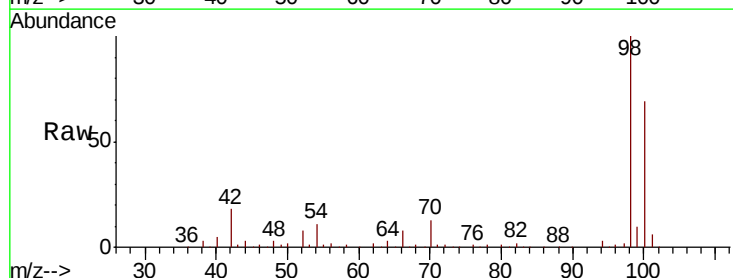
Instrument :
MSVOA_F
ClientSampleId :
SAMPLE-1

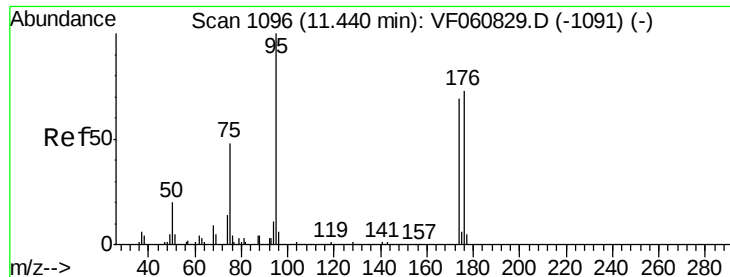
Tot Ion:113 Resp: 122163
Ion Ratio Lower Upper
113 100
111 99.6 83.0 124.6
192 16.6 12.3 18.5



#50
Toluene-d8
Concen: 35.837 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF060924.D
Acq: 6 Dec 2018 18:34

Tgt Ion: 98 Resp: 291735
Ion Ratio Lower Upper
98 100
100 69.0 59.3 88.9





#62

4-Bromofluorobenzene

Concen: 40.983 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF060924.D

Acq: 6 Dec 2018 18:34

Instrument :

MSVOA_F

ClientSampled :

SAMPLE-1

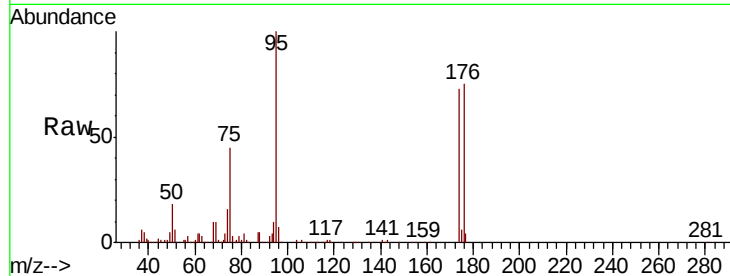
Tot Ion: 95 Resp: 151629

Ion Ratio Lower Upper

95 100

174 73.1 0.0 138.2

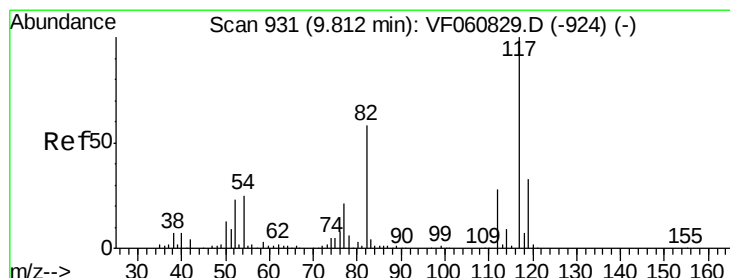
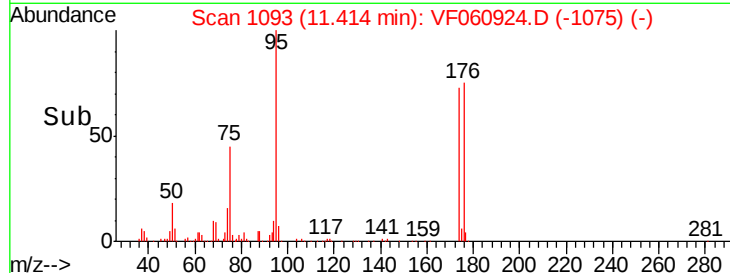
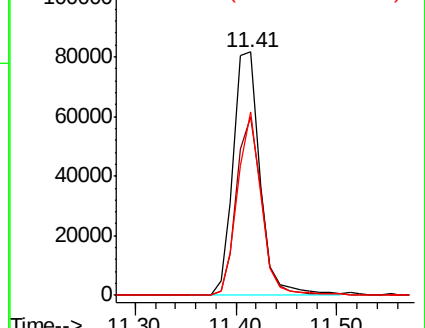
176 75.2 0.0 146.2



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: 9.78 min Scan# 927

Delta R.T. -0.04 min

Lab File: VF060924.D

Acq: 6 Dec 2018 18:34

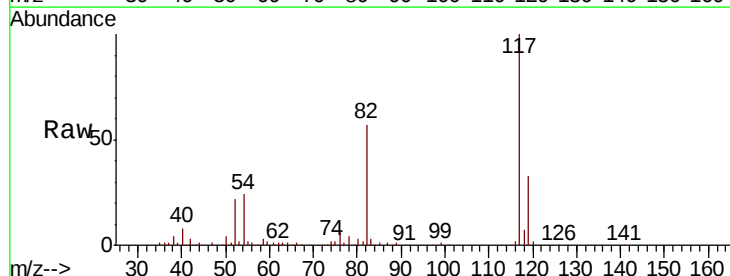
Tgt Ion: 117 Resp: 309933

Ion Ratio Lower Upper

117 100

82 56.5 46.6 69.8

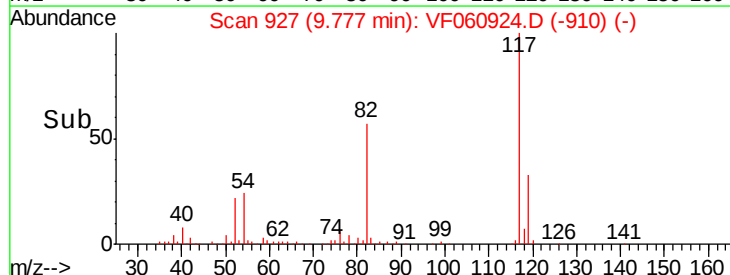
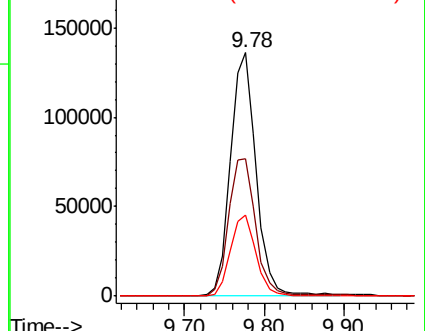
119 33.5 26.4 39.6

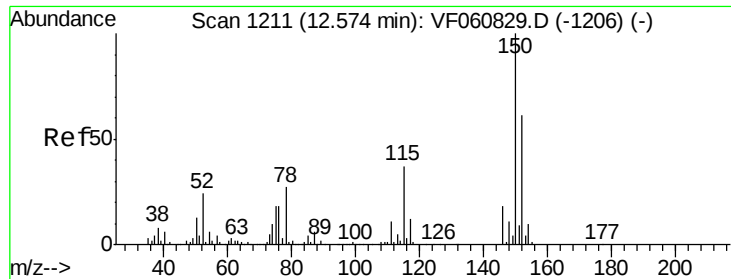


Abundance Ion 117.00 (116.70 to 117.70): V

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: 12.55 min Scan# 1208

Delta R.T. -0.03 min

Lab File: VF060924.D

Acq: 6 Dec 2018 18:34

Instrument :

MSVOA_F

ClientSampleId :

SAMPLE-1

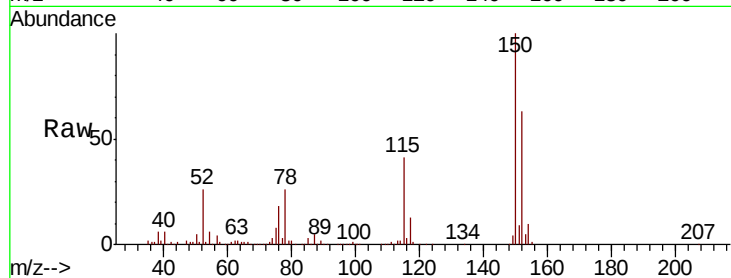
Tot Ion:152 Resp: 164024

Ion Ratio Lower Upper

152 100

115 64.5 30.1 90.5

150 159.4 0.0 327.6



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

