

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\
 Data File : VF060880.D
 Acq On : 29 Nov 2018 21:36
 Operator : VA/AP
 Sample : J5761-03
 Misc : 7.63g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AU-05-112918

Quant Time: Nov 30 06:43:16 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

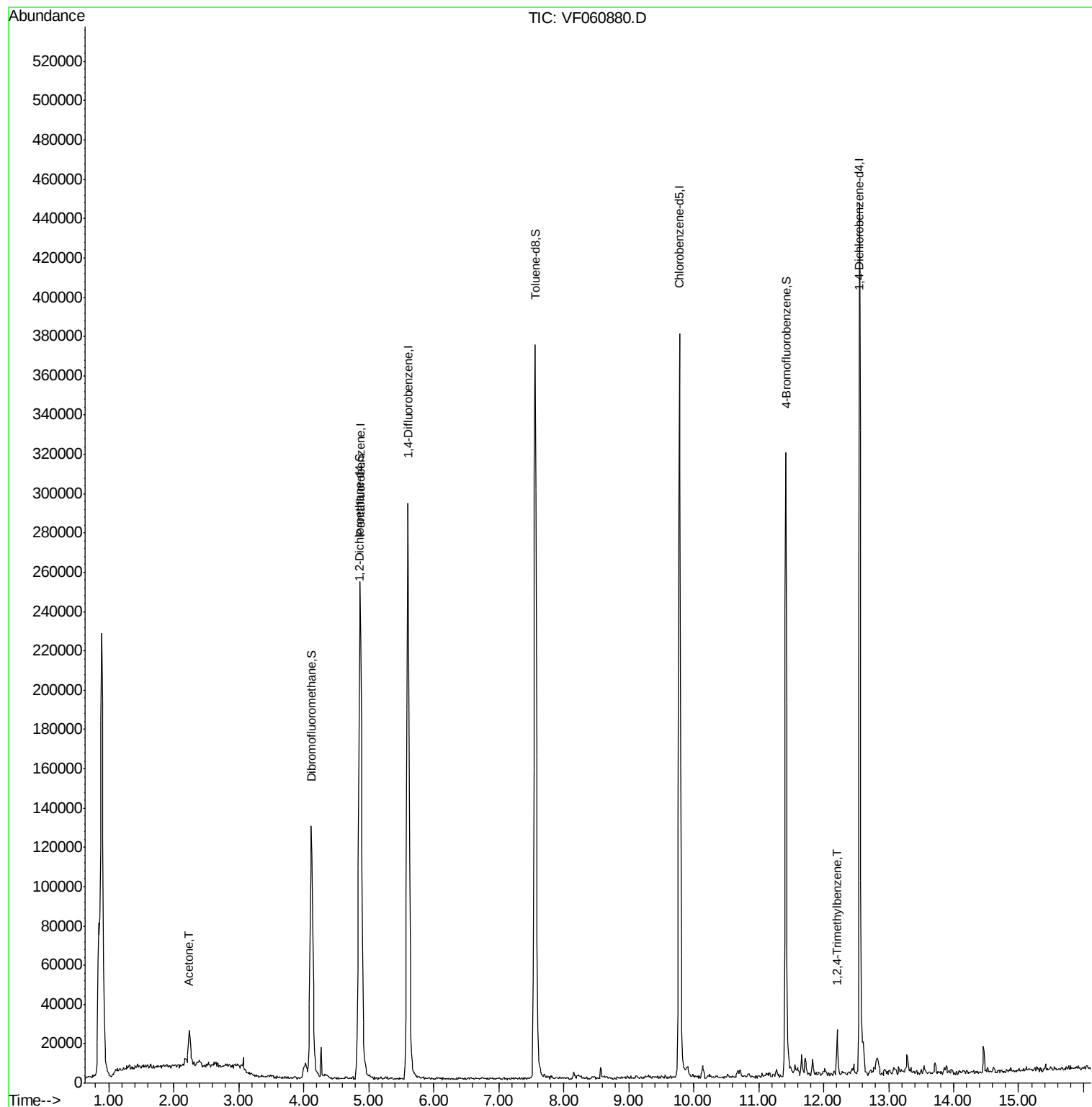
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	181669	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.61	114	324875	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.78	117	265469	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	109587	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	108036	50.48	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	4.12	113	116239	45.10	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	90.20%	
50) Toluene-d8	7.56	98	313385	41.28	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	82.56%	
62) 4-Bromofluorobenzene	11.42	95	121563	35.23	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	70.46%	
Target Compounds						
16) Acetone	2.24	43	28522	72.271	ug/l	95
84) 1,2,4-Trimethylbenzene	12.21	105	9370	1.335	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.03 min

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MSVOA_F

ClientSampleId :

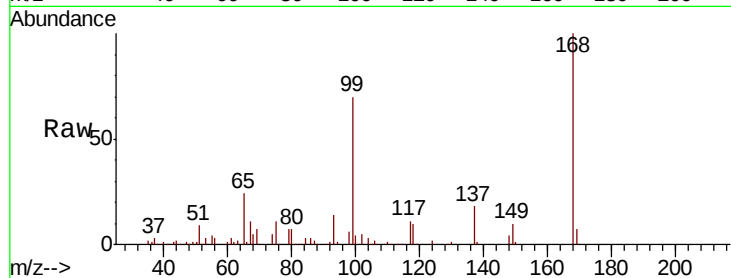
AU-05-112918

Tot Ion:168 Resp: 181669

Ion Ratio Lower Upper

168 100

99 69.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

60000

50000

40000

30000

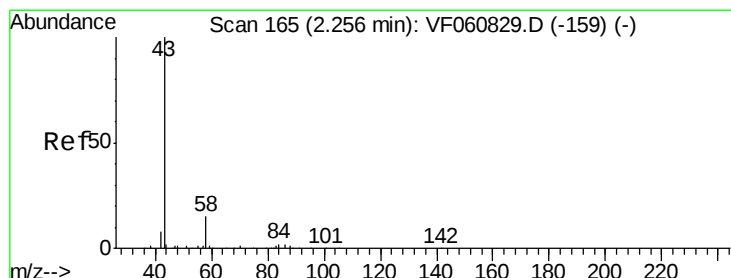
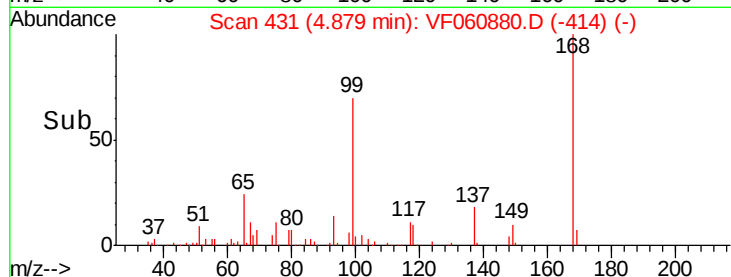
20000

10000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 72.271 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF060880.D

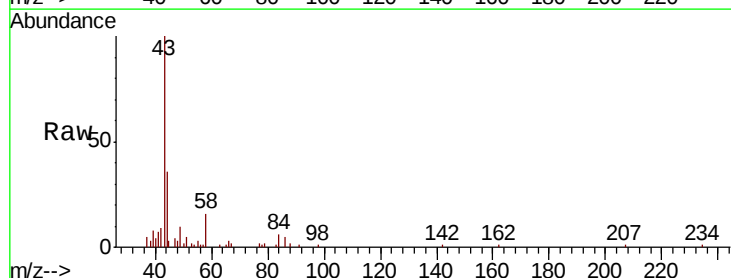
Acq: 29 Nov 2018 21:36

Tgt Ion: 43 Resp: 28522

Ion Ratio Lower Upper

43 100

58 16.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

12000

10000

8000

6000

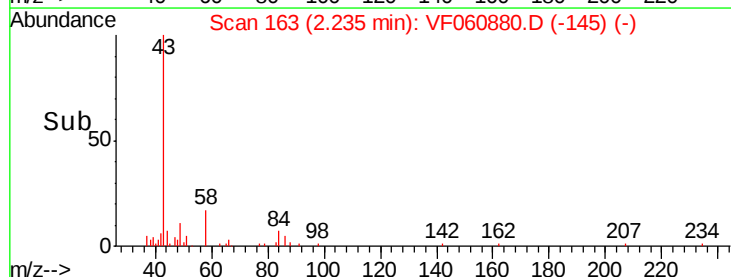
4000

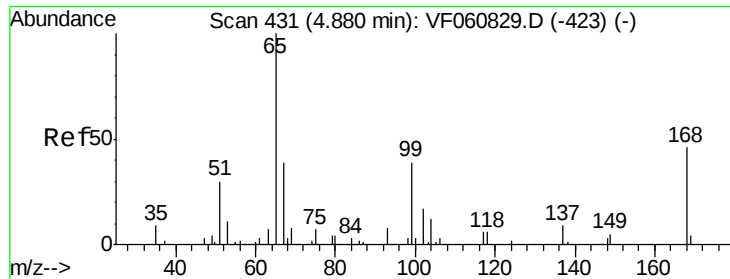
2000

0

Time-->

2.20 2.30

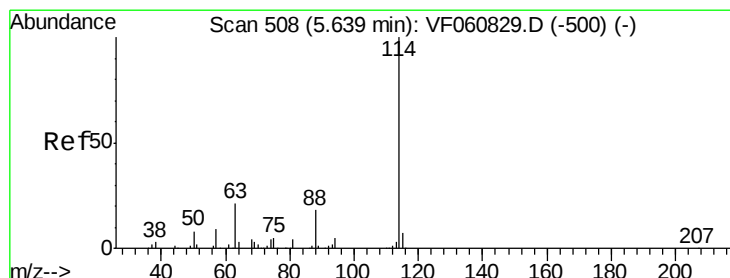
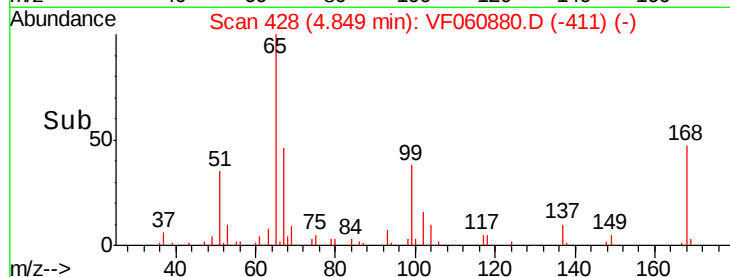
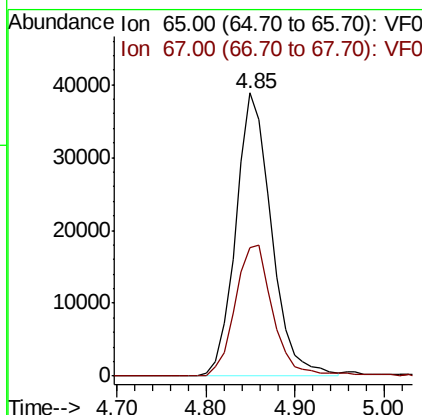
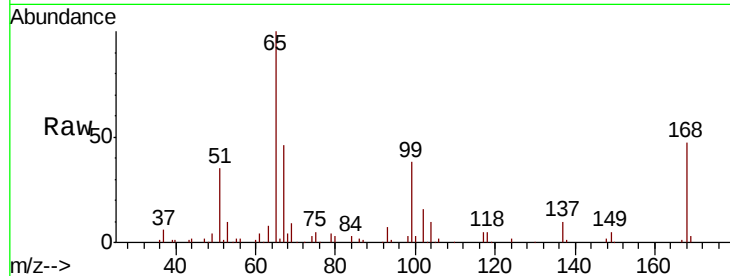




#33
 1,2-Dichloroethane-d4
 Concen: 50.481 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.03 min
 Lab File: VF060880.D
 Acq: 29 Nov 2018 21:36

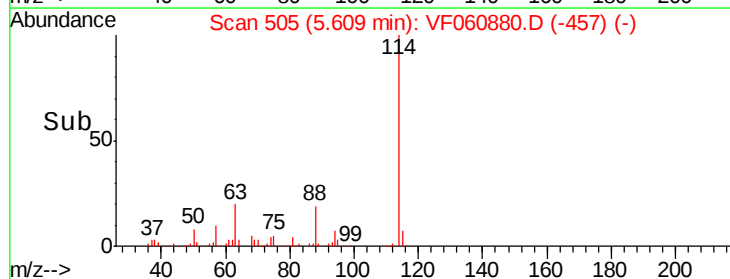
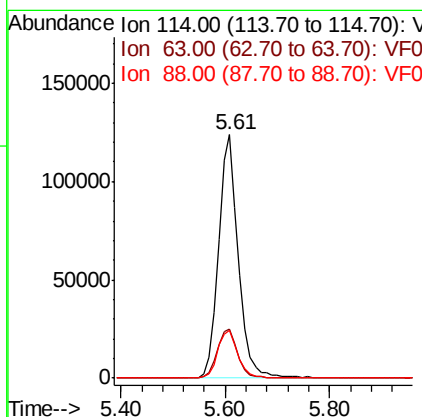
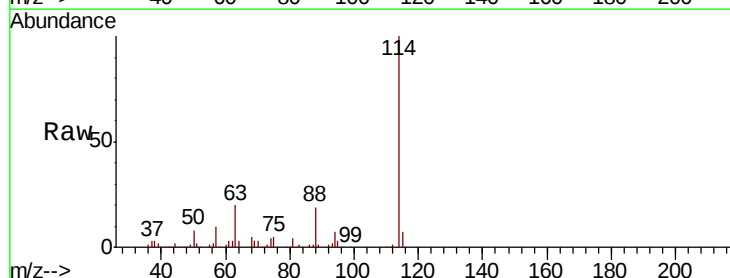
Instrument :
 MSVOA_F
 ClientSampleId :
 AU-05-112918

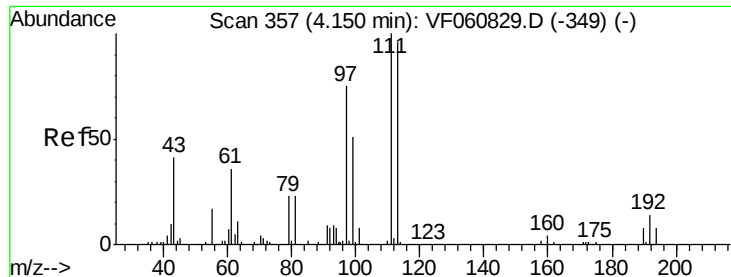
Tot Ion: 65 Resp: 108036
 Ion Ratio Lower Upper
 65 100
 67 45.6 0.0 96.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.03 min
 Lab File: VF060880.D
 Acq: 29 Nov 2018 21:36

Tgt Ion: 114 Resp: 324875
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.6
 88 19.4 0.0 36.6

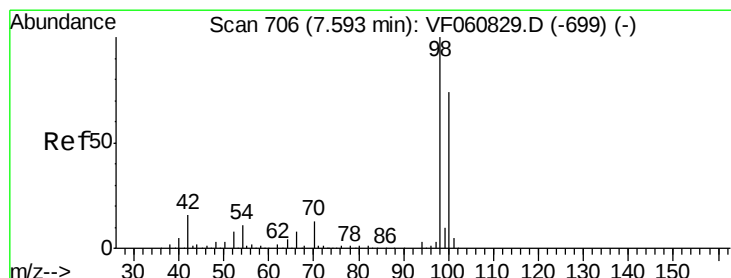
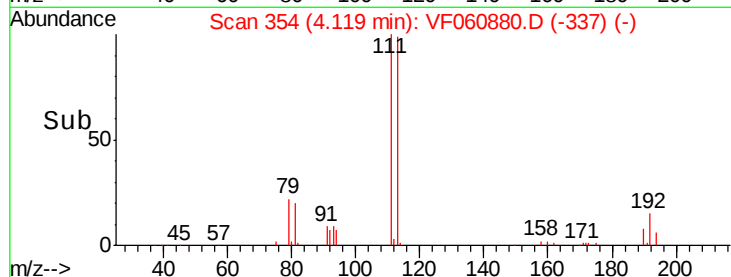
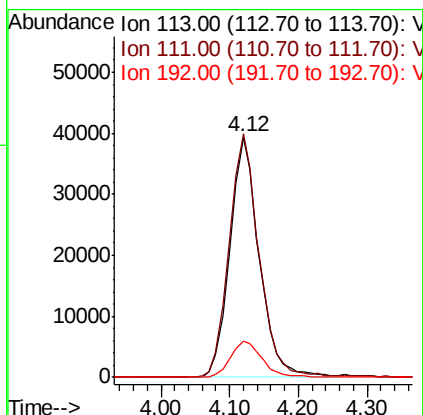
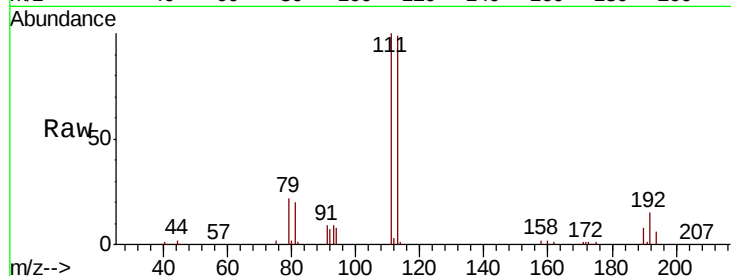




#35
Dibromofluoromethane
Concen: 45.101 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.03 min
Lab File: VF060880.D
Acq: 29 Nov 2018 21:36

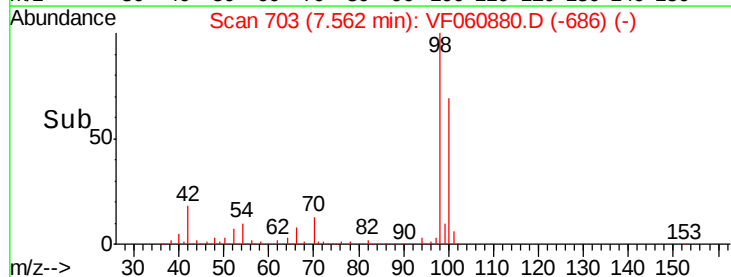
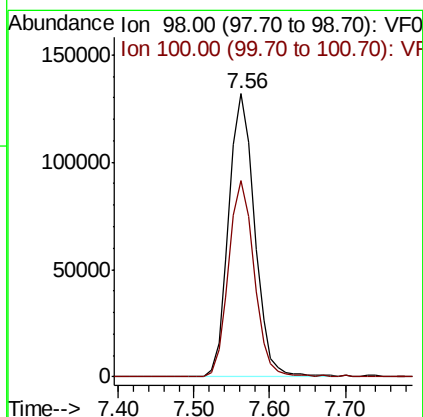
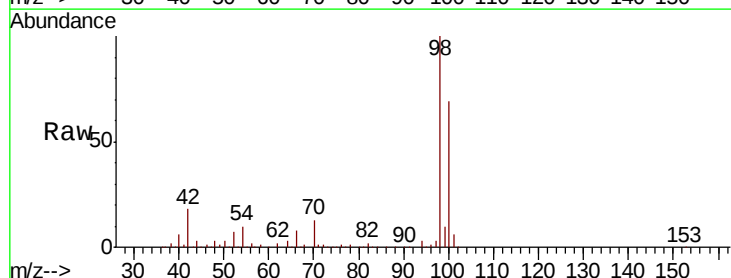
Instrument :
MSVOA_F
ClientSampleId :
AU-05-112918

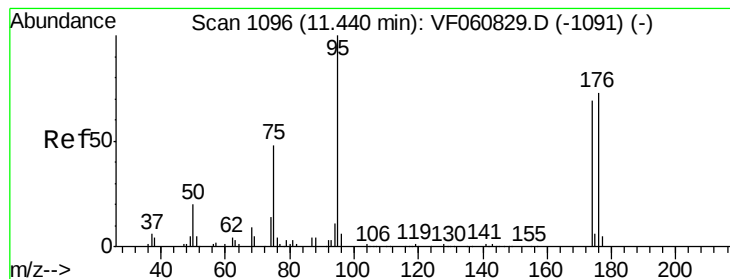
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.6
192	15.1	12.3	18.5



#50
Toluene-d8
Concen: 41.278 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.03 min
Lab File: VF060880.D
Acq: 29 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.4	59.3	88.9





#62

4-Bromofluorobenzene

Concen: 35.231 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.02 min

Lab File: VF060880.D

Acq: 29 Nov 2018 21:36

Instrument :

MSVOA_F

ClientSampleId :

AU-05-112918

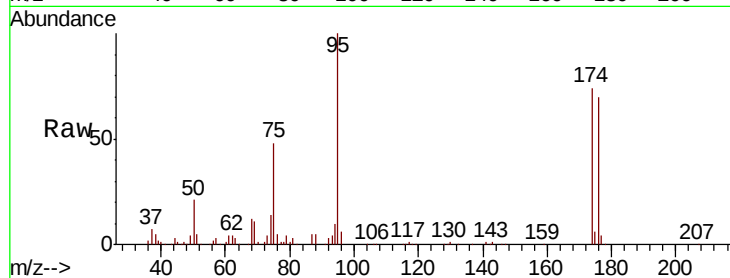
Tot Ion: 95 Resp: 121563

Ion Ratio Lower Upper

95 100

174 73.9 0.0 138.2

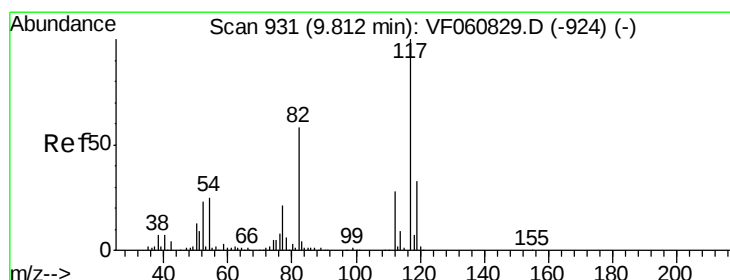
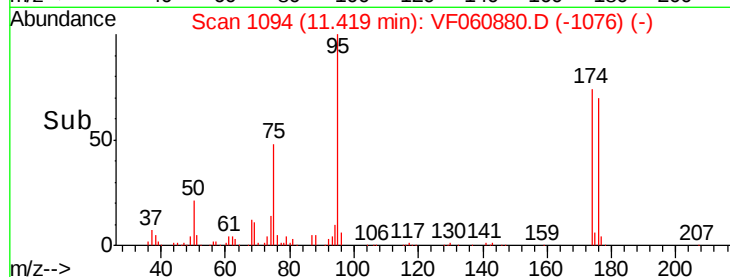
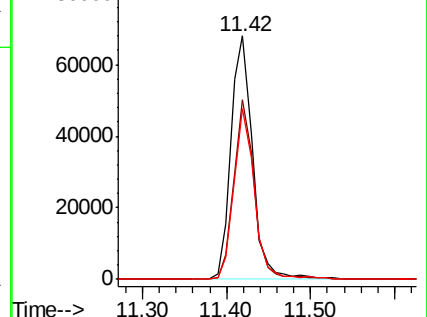
176 70.1 0.0 146.2



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# 928

Delta R.T. -0.03 min

Lab File: VF060880.D

Acq: 29 Nov 2018 21:36

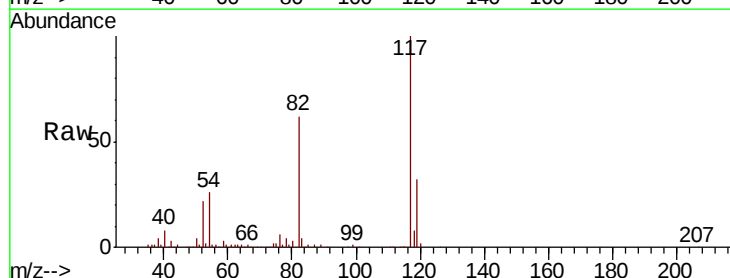
Tgt Ion: 117 Resp: 265469

Ion Ratio Lower Upper

117 100

82 62.3 46.6 69.8

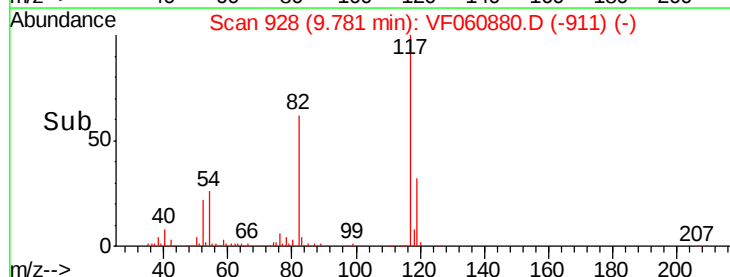
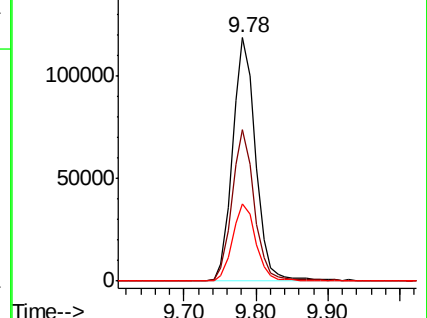
119 31.6 26.4 39.6

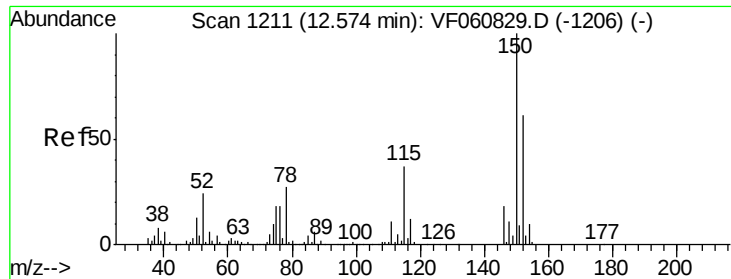


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



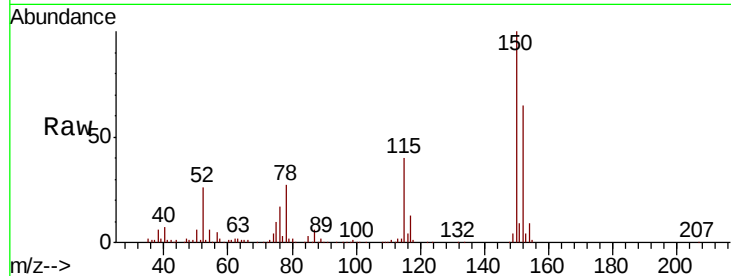


#72

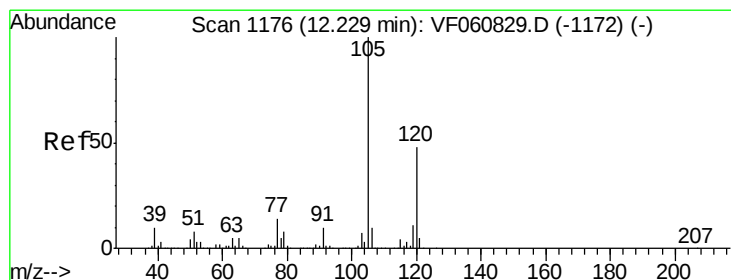
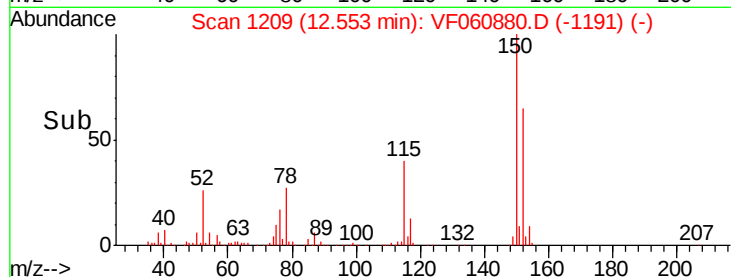
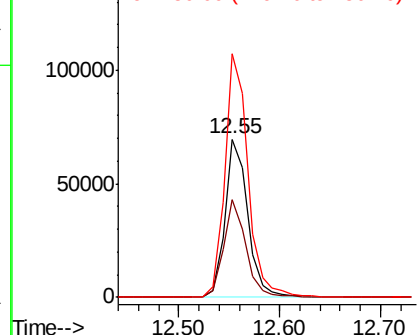
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060880.D
Acq: 29 Nov 2018 21:36

Instrument :
MSVOA_F
ClientSampleId :
AU-05-112918

Tot Ion:152 Resp: 109587
Ion Ratio Lower Upper
152 100
115 61.8 30.1 90.5
150 154.2 0.0 327.6



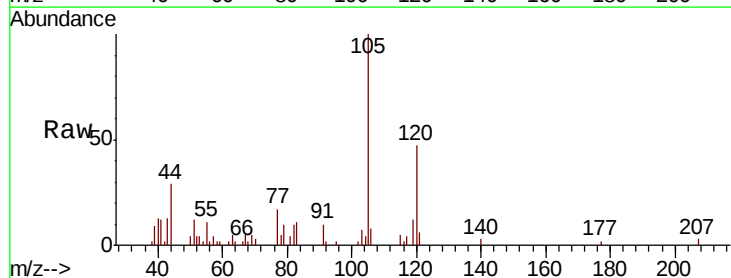
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



#84

1,2,4-Trimethylbenzene
Concen: 1.335 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.02 min
Lab File: VF060880.D
Acq: 29 Nov 2018 21:36

Tgt Ion:105 Resp: 9370
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

