

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034098.D
 Acq On : 30 Aug 2019 15:07
 Operator : JC/SP
 Sample : K4555-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-12

Quant Time: Aug 31 04:03:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

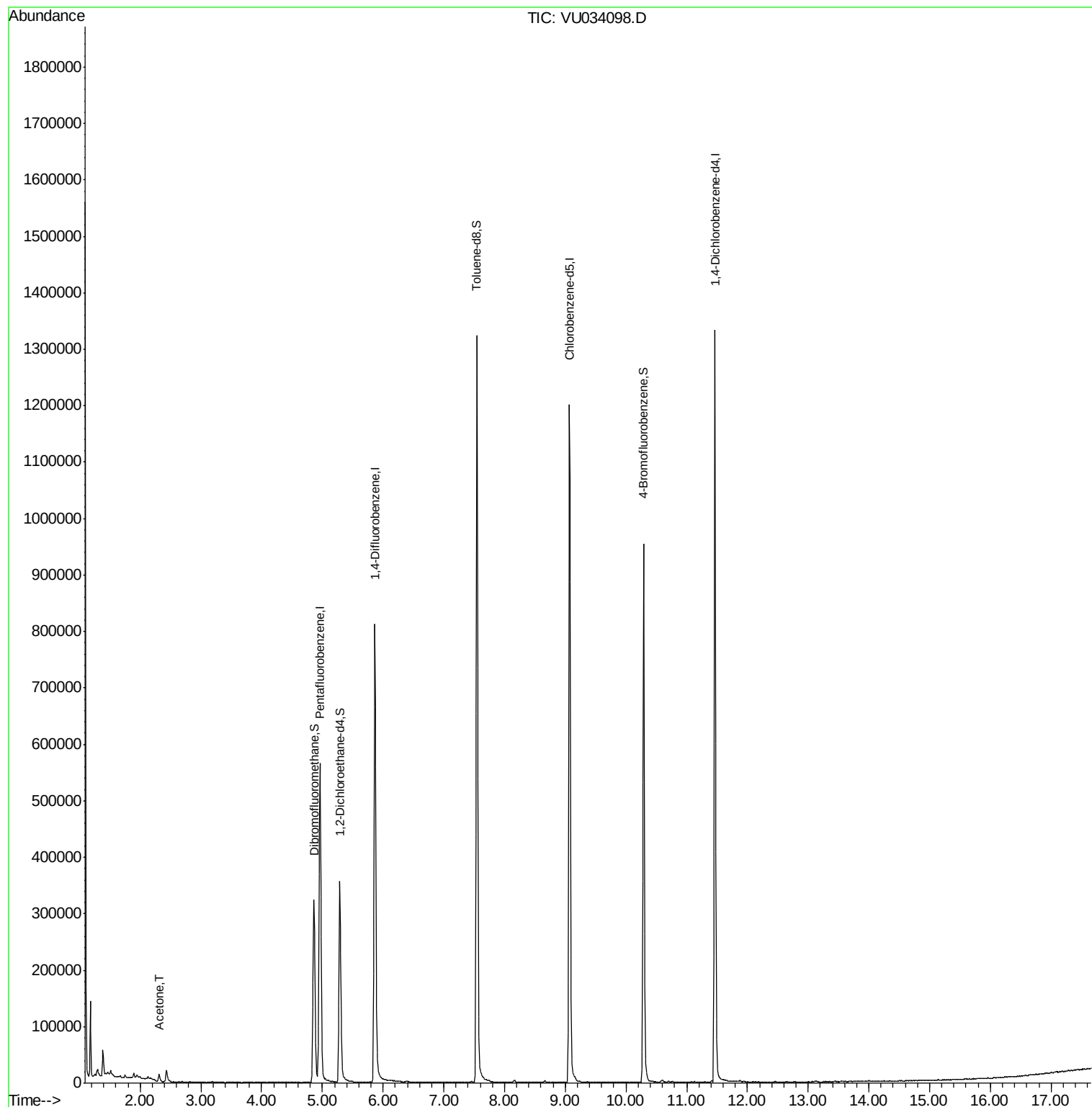
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	450804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	727254	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	708889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	364889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	289816	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
35) Dibromofluoromethane	4.86	113	237549	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	7.55	98	909402	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	10.29	95	330797	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
Target Compounds						
16) Acetone	2.31	43	14691	4.984	ug/l	Qvalue 99

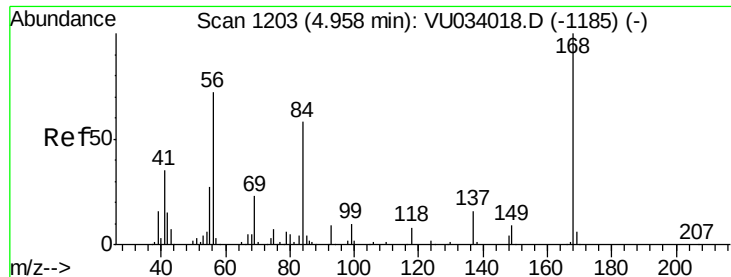
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034098.D

Acq: 30 Aug 2019 15:07

Instrument :

MSVOA_U

ClientSampleId :

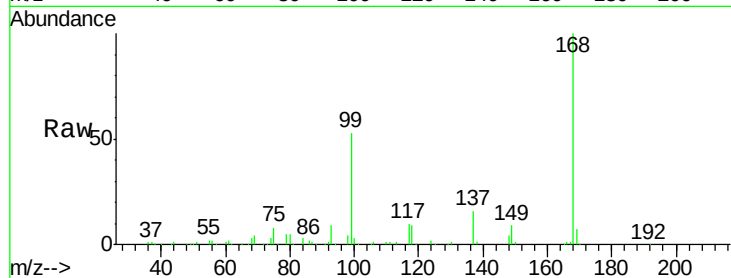
TW-12

Tot Ion:168 Resp: 450804

Ion Ratio Lower Upper

168 100

99 53.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034098.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034098.D (-1185) (-)

4.96

200000

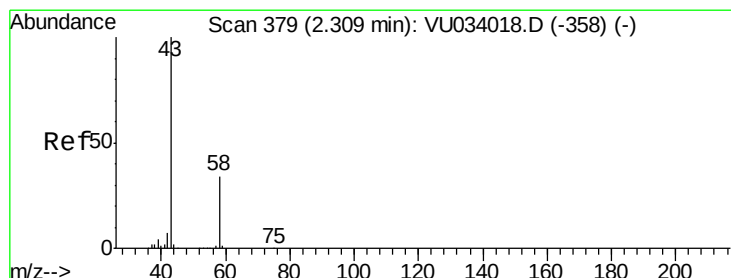
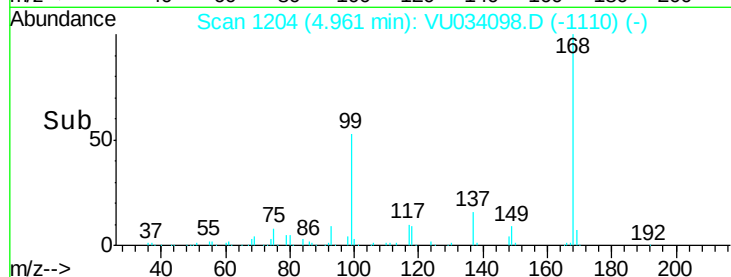
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.984 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034098.D

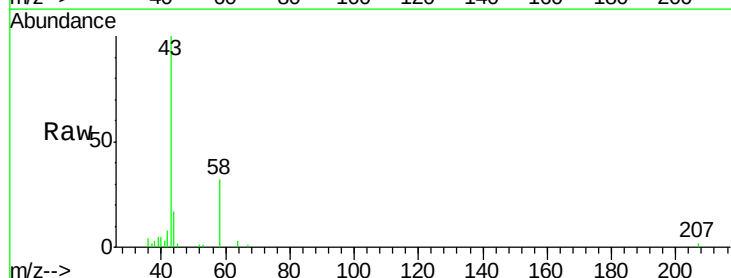
Acq: 30 Aug 2019 15:07

Tgt Ion: 43 Resp: 14691

Ion Ratio Lower Upper

43 100

58 32.7 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034098.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034098.D (-286) (-)

2.31

10000

8000

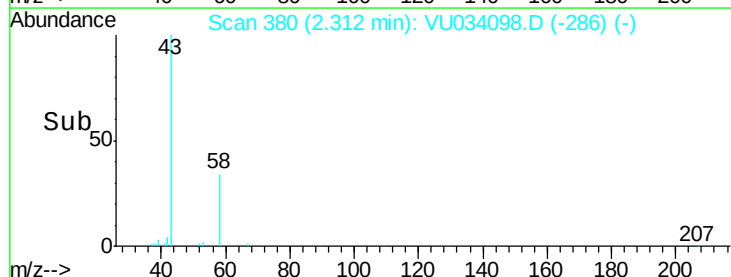
6000

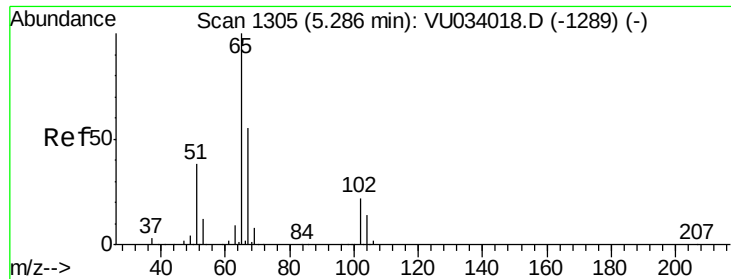
4000

2000

0

Time-->

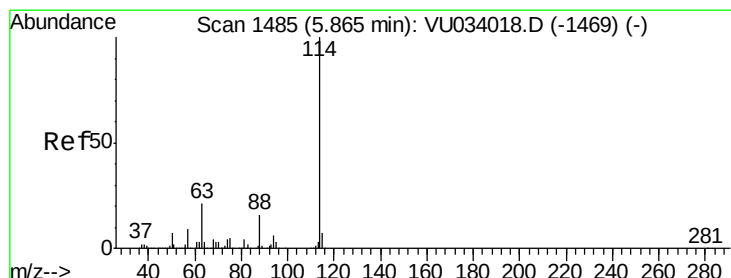
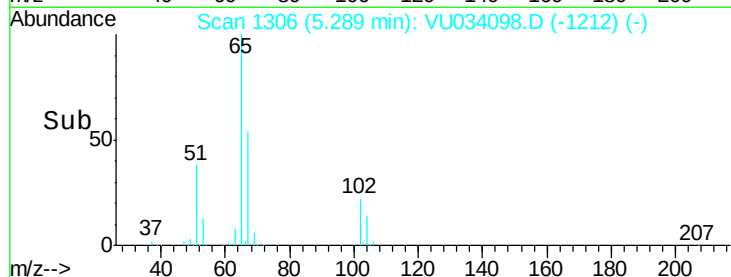
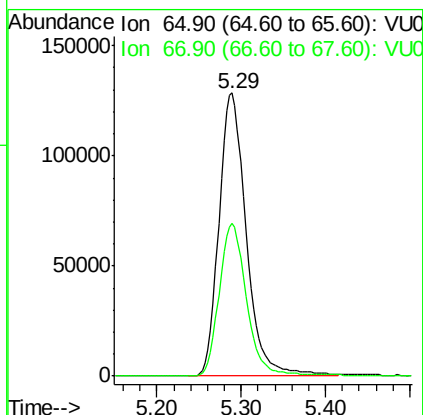
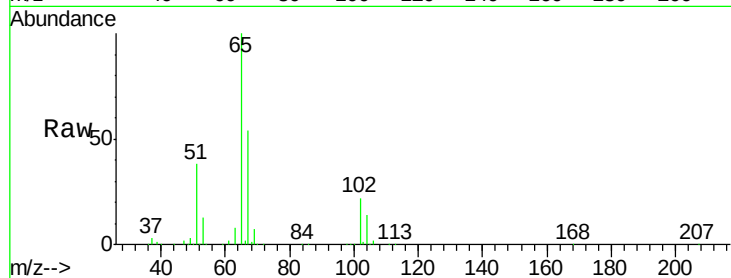




#33
 1,2-Dichloroethane-d4
 Concen: 50.173 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034098.D
 Acq: 30 Aug 2019 15:07

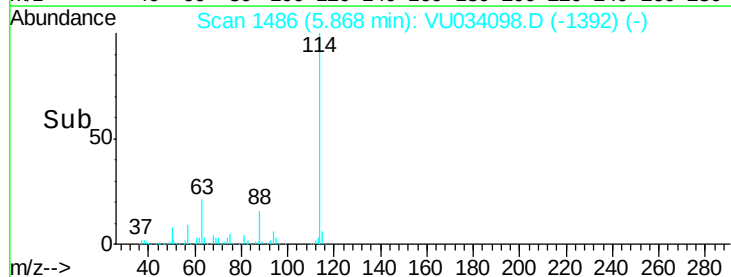
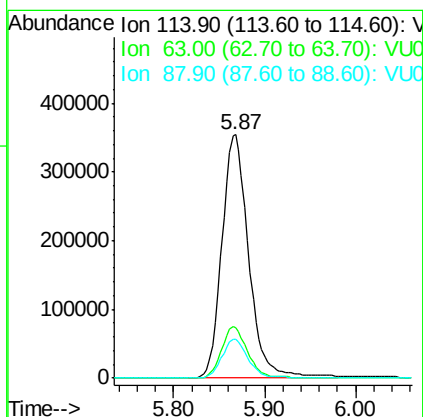
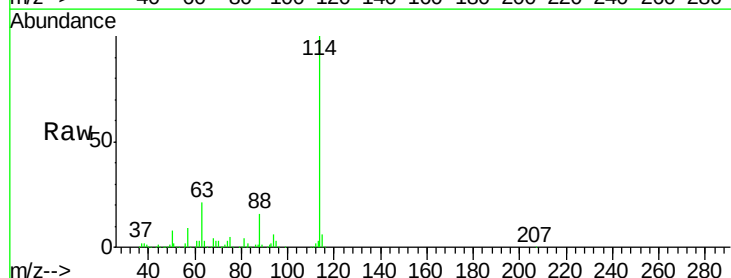
Instrument :
 MSVOA_U
 ClientSampled :
 TW-12

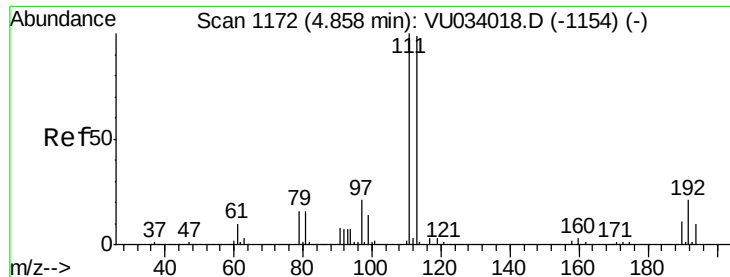
Tot Ion: 65 Resp: 289816
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034098.D
 Acq: 30 Aug 2019 15:07

Tgt Ion: 114 Resp: 727254
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.0
 88 16.2 0.0 32.0

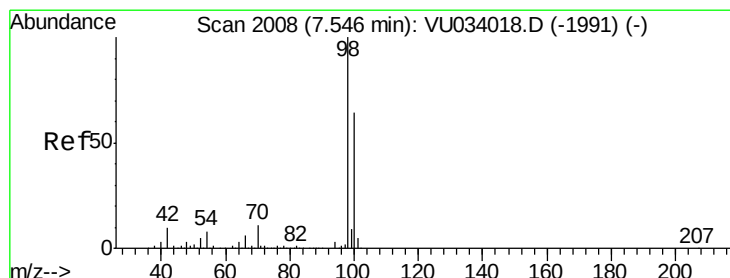
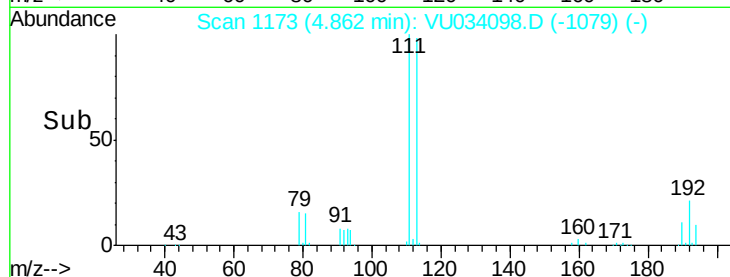
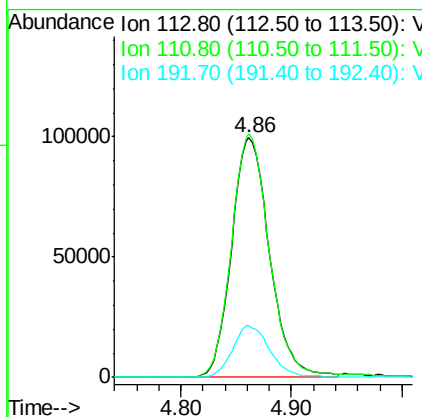
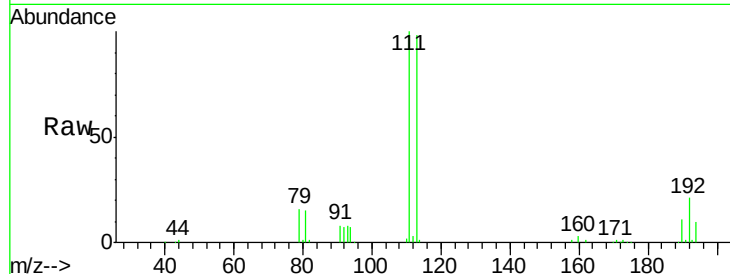




#35
 Dibromofluoromethane
 Concen: 47.094 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034098.D
 Acq: 30 Aug 2019 15:07

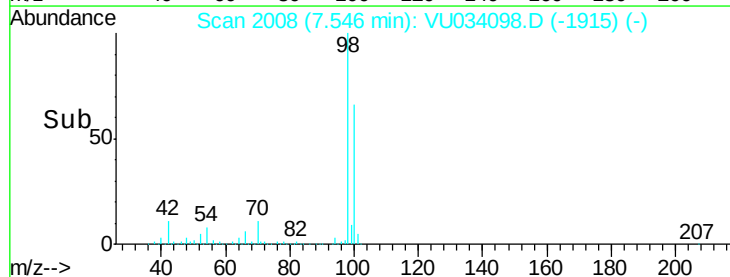
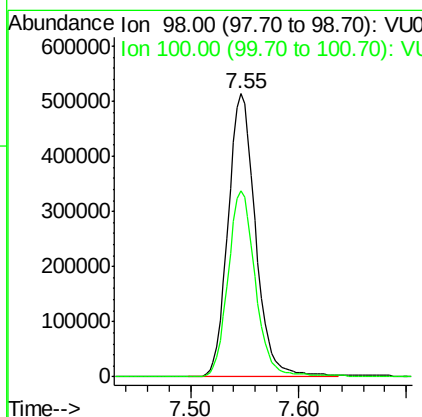
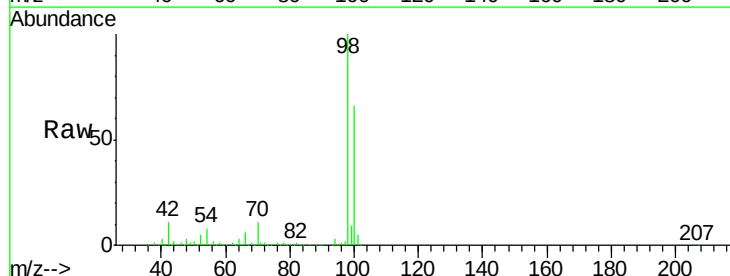
Instrument :
 MSVOA_U
 ClientSampleId :
 TW-12

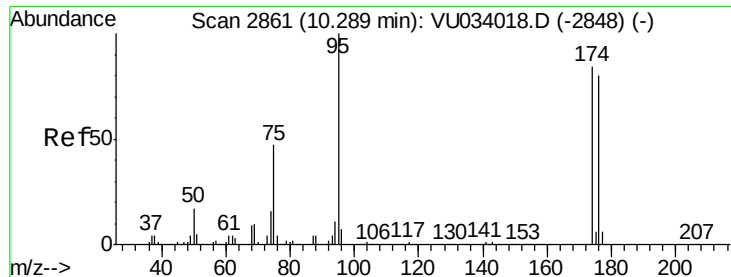
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.7	122.5
192	21.2	17.1	25.7



#50
 Toluene-d8
 Concen: 48.149 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VU034098.D
 Acq: 30 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.3	75.5





#62

4-Bromofluorobenzene

Concen: 45.025 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034098.D

Acq: 30 Aug 2019 15:07

Instrument :

MSVOA_U

ClientSampleId :

TW-12

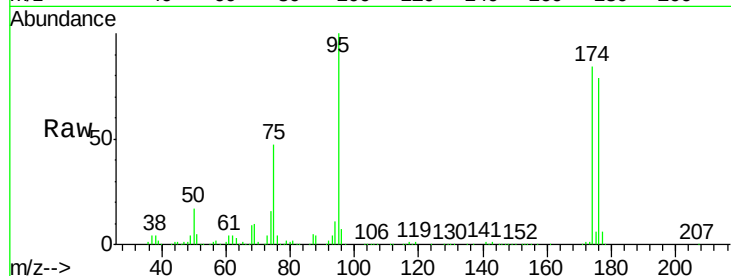
Tot Ion: 95 Resp: 330797

Ion Ratio Lower Upper

95 100

174 86.3 0.0 168.8

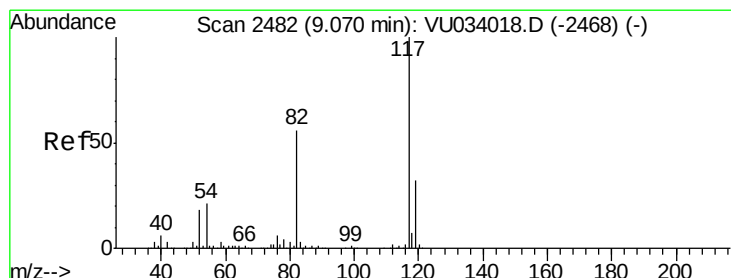
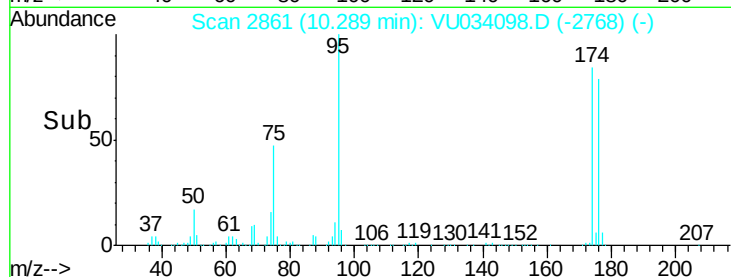
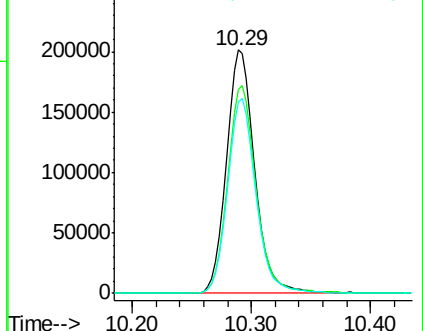
176 80.4 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034098.D

Acq: 30 Aug 2019 15:07

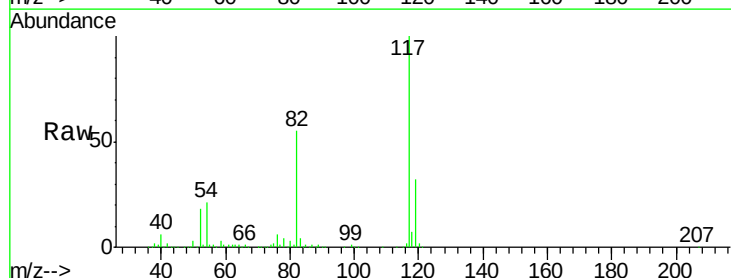
Tgt Ion: 117 Resp: 708889

Ion Ratio Lower Upper

117 100

82 55.5 45.1 67.7

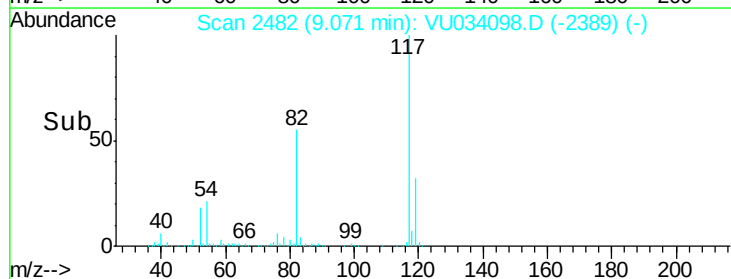
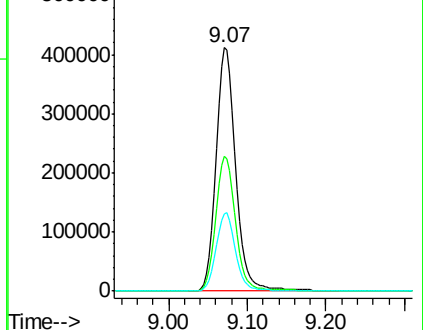
119 31.9 25.4 38.0

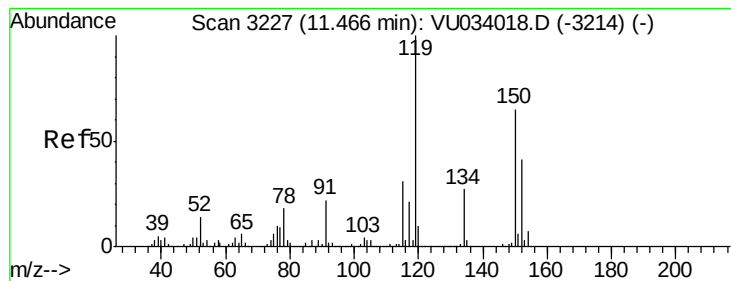


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034098.D

Acq: 30 Aug 2019 15:07

Instrument :

MSVOA_U

ClientSampleId :

TW-12

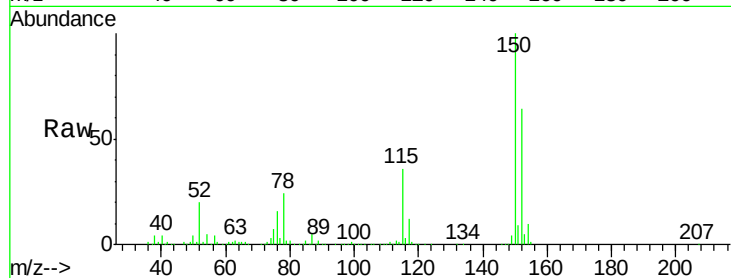
Tot Ion:152 Resp: 364889

Ion Ratio Lower Upper

152 100

115 56.4 41.1 123.3

150 156.9 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

