

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027036.D
 Acq On : 22 Sep 2018 23:10
 Operator : MD/SY
 Sample : J4958-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914

Quant Time: Sep 24 05:35:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

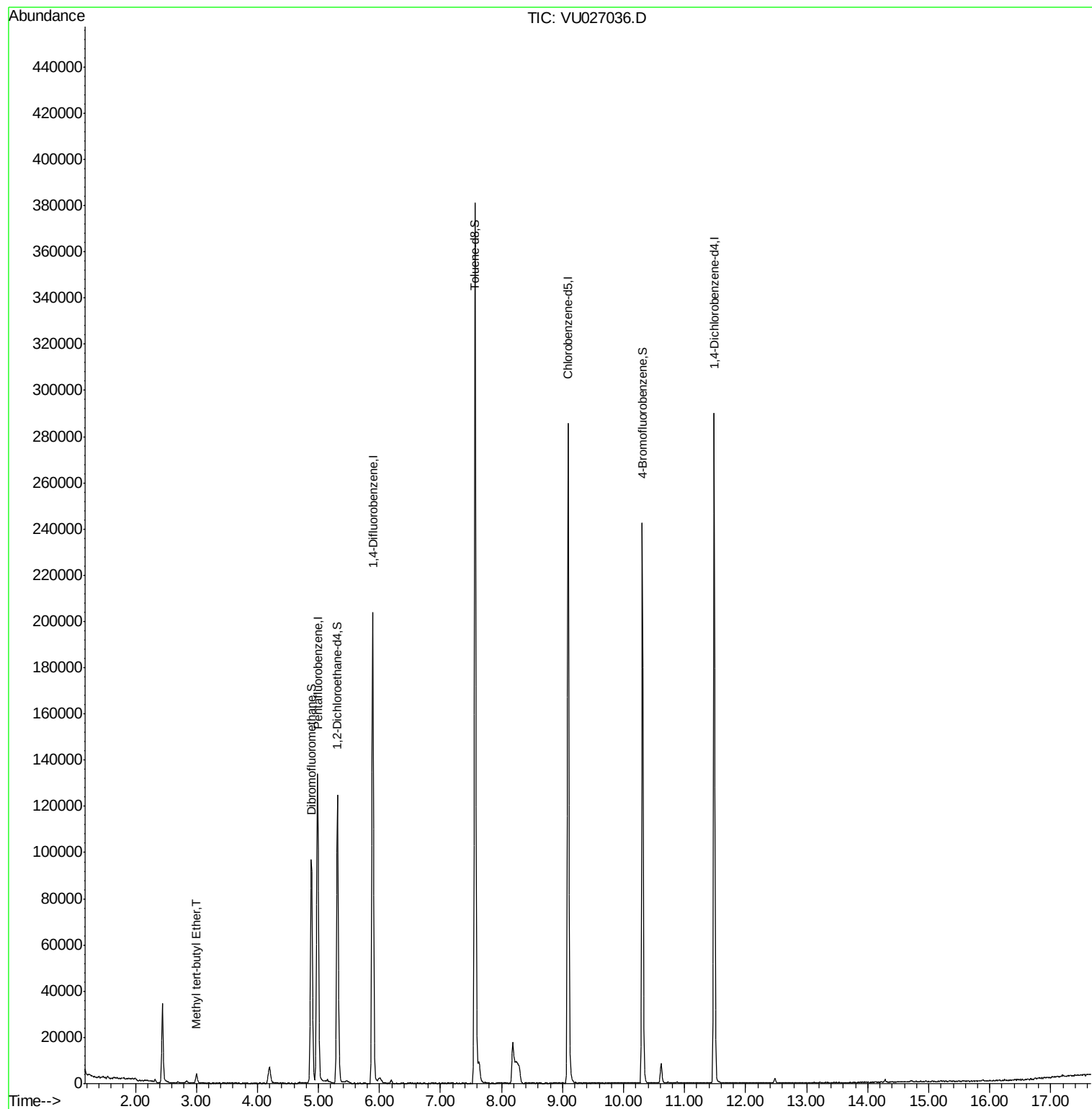
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	92867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156233	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	96517	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
35) Dibromofluoromethane	4.88	113	66738	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	7.57	98	240678	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
62) 4-Bromofluorobenzene	10.31	95	79202	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
Target Compounds						
19) Methyl tert-butyl Ether	3.00	73	3976	0.844	ug/l	98

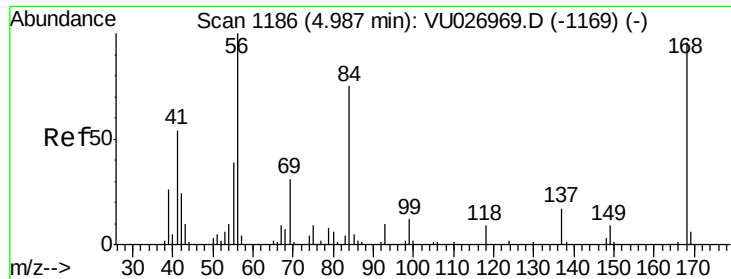
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027036.D

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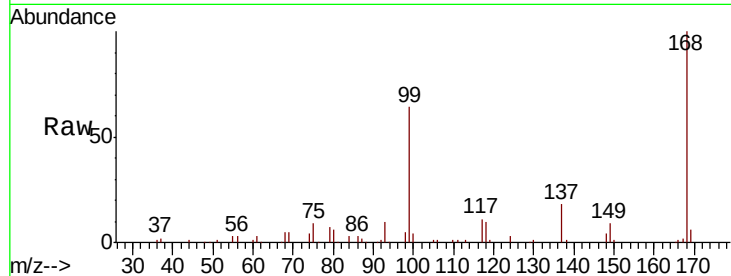
BPSI-TT-MW308D-20180914

Tot Ion:168 Resp: 92867

Ion Ratio Lower Upper

168 100

99 64.1 48.1 72.1



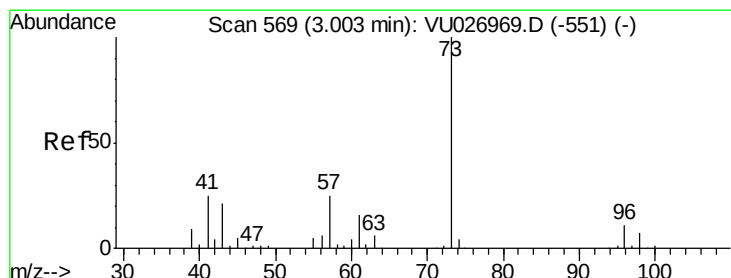
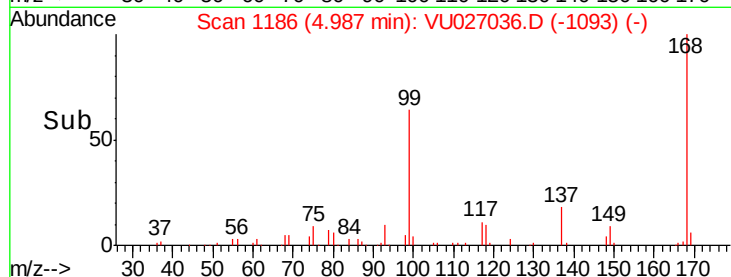
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

4.90 4.95 5.00 5.05

Time-->



#19

Methyl tert-butyl Ether

Concen: 0.844 ug/l

RT: 3.00 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU027036.D

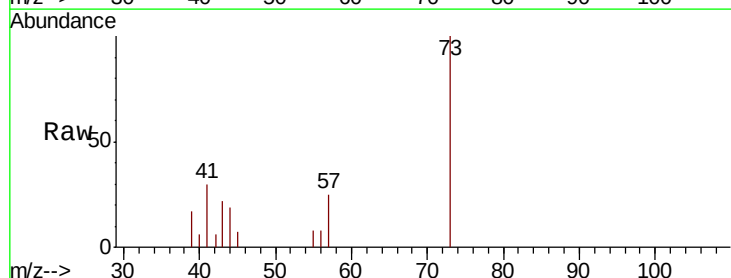
Acq: 22 Sep 2018 23:10

Tgt Ion: 73 Resp: 3976

Ion Ratio Lower Upper

73 100

57 25.5 19.8 29.6



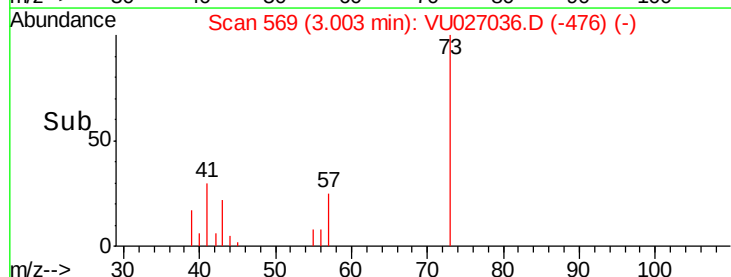
Abundance Ion 73.00 (72.70 to 73.70): VU026969.D (-551) (-)

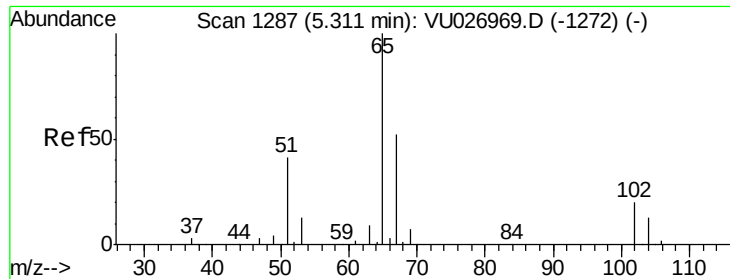
Ion 57.00 (56.70 to 57.70): VU026969.D (-551) (-)

3.00

2.95 3.00 3.05

Time-->

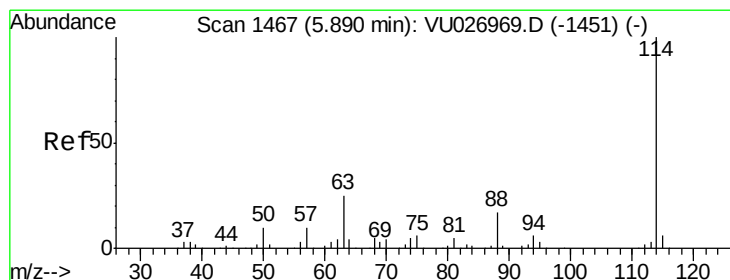
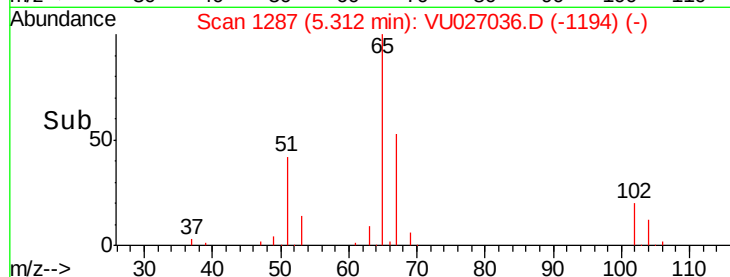
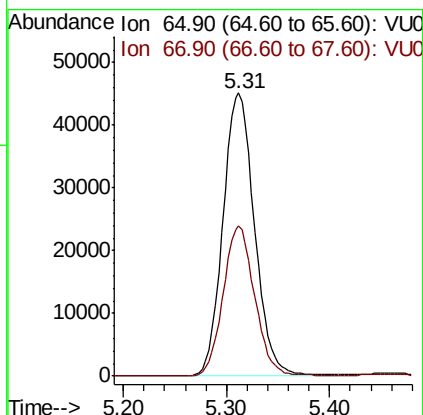
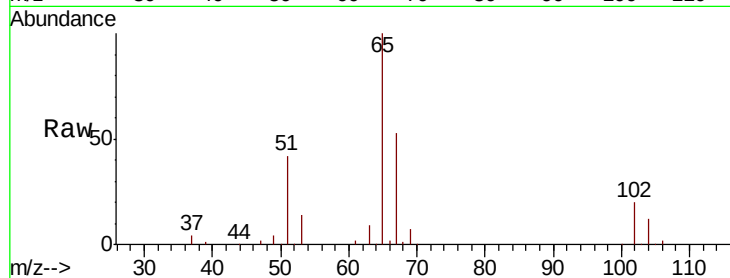




#33
 1,2-Dichloroethane-d4
 Concen: 51.638 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

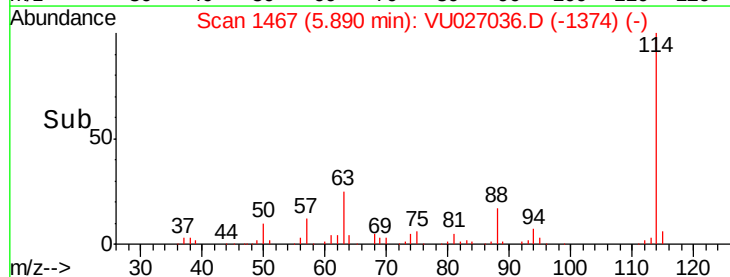
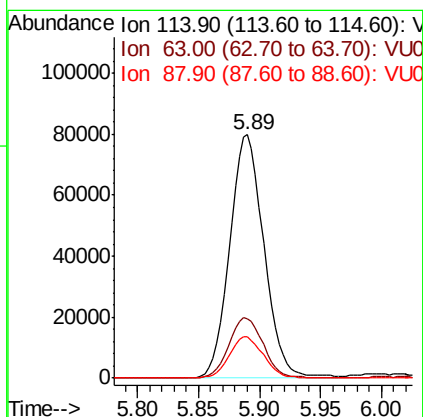
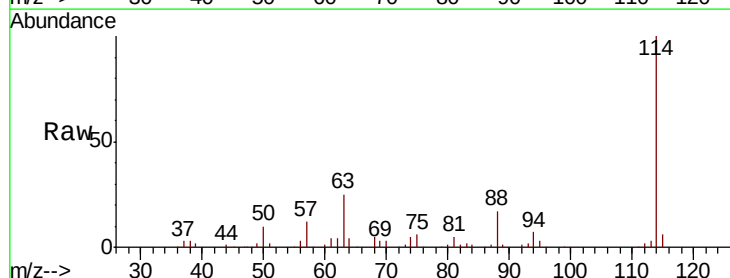
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914

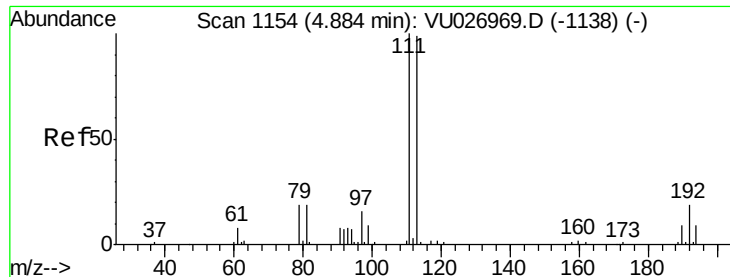
Tot Ion: 65 Resp: 96517
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

Tgt Ion: 114 Resp: 156233
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 16.8 0.0 33.8

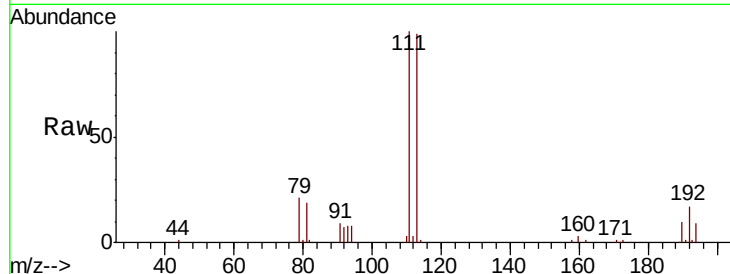




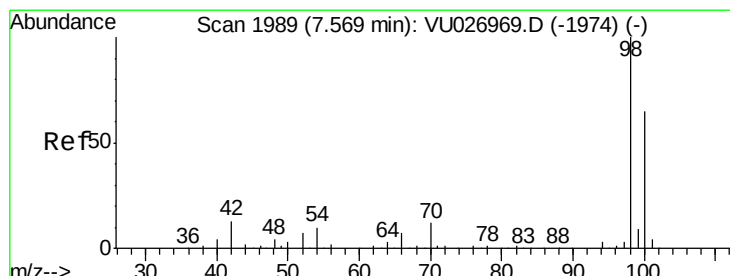
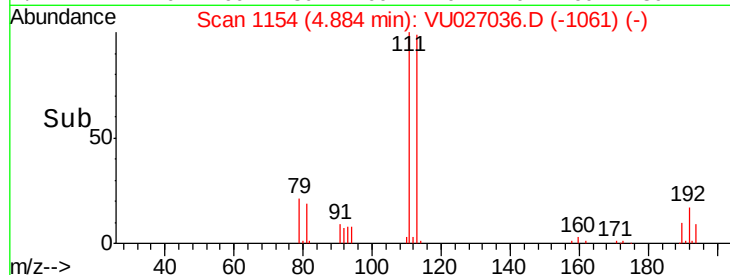
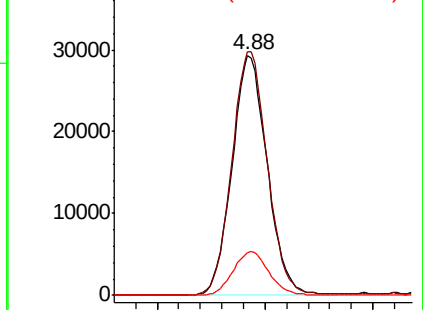
#35
 Dibromofluoromethane
 Concen: 49.281 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	18.3	15.2	22.8

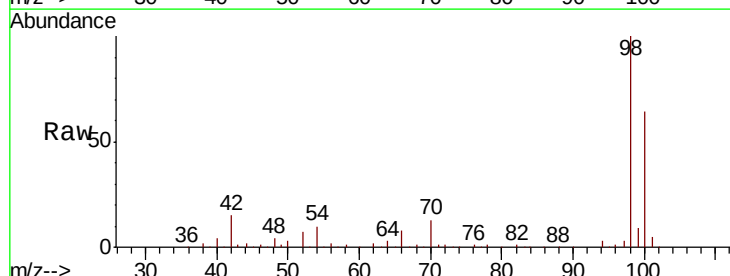


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

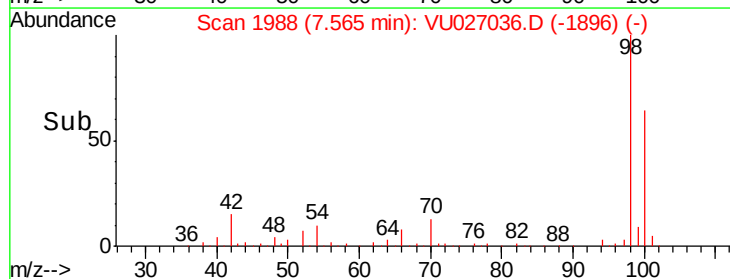
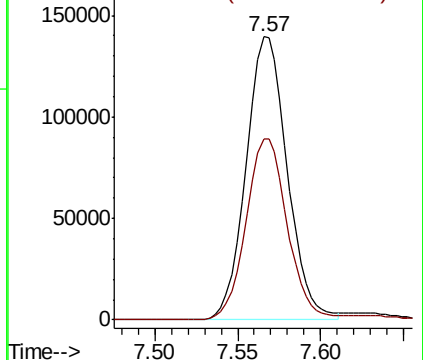


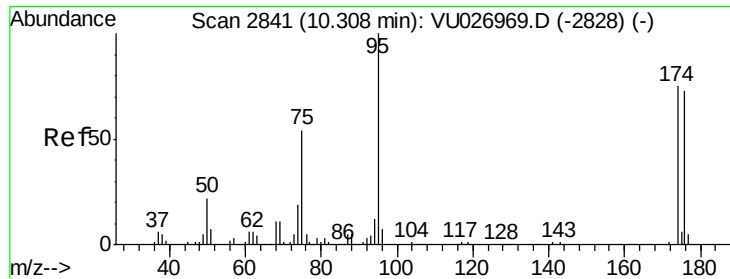
#50
 Toluene-d8
 Concen: 46.634 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.1	78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 44.724 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU027036.D

Acq: 22 Sep 2018 23:10

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914

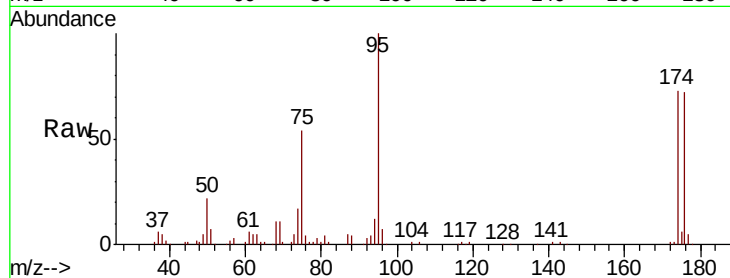
Tot Ion: 95 Resp: 79202

Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.2

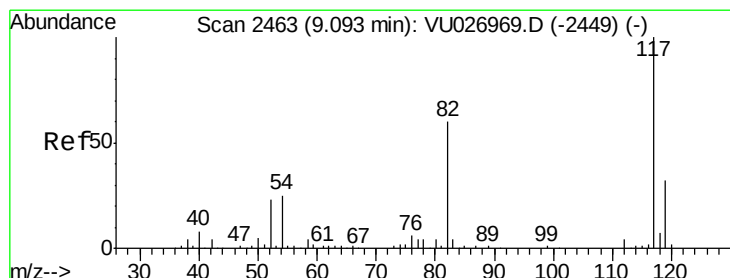
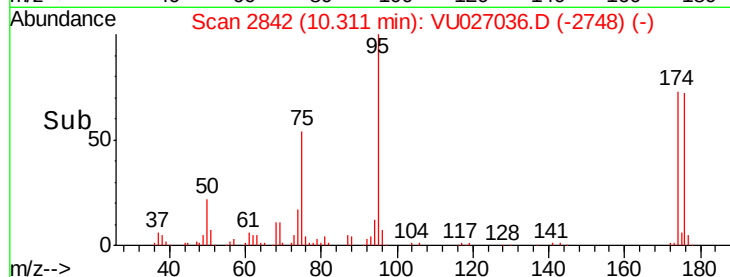
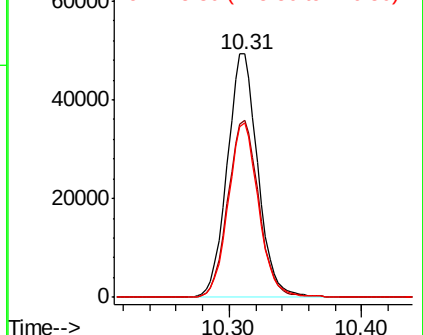
176 70.9 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027036.D

Acq: 22 Sep 2018 23:10

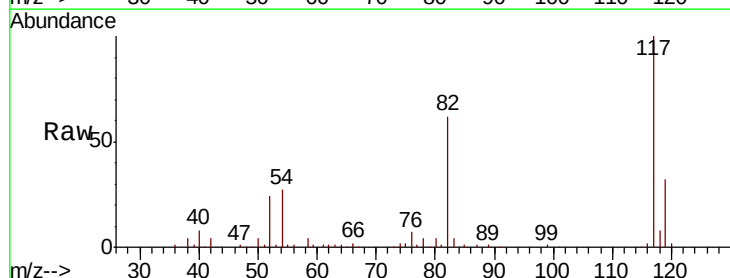
Tgt Ion: 117 Resp: 149922

Ion Ratio Lower Upper

117 100

82 62.4 48.0 72.0

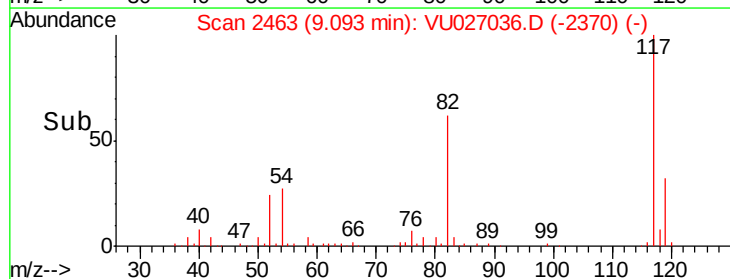
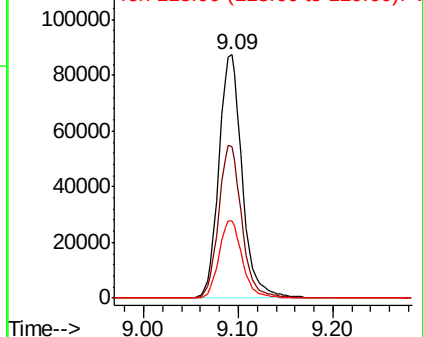
119 31.8 25.8 38.8

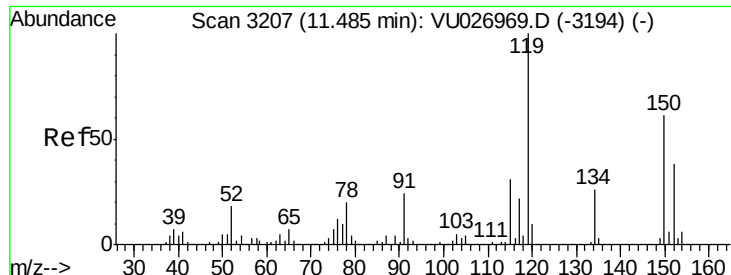


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027036.D
 Acq: 22 Sep 2018 23:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.9	134.5
150	157.7	0.0	355.8

