

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027021.D
 Acq On : 22 Sep 2018 17:21
 Operator : MD/SY
 Sample : J4958-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW306S-20180914

Quant Time: Sep 24 05:07:45 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	95243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	158097	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	152911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	95087	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
35) Dibromofluoromethane	4.88	113	66073	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	7.57	98	245277	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
62) 4-Bromofluorobenzene	10.31	95	82112	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	

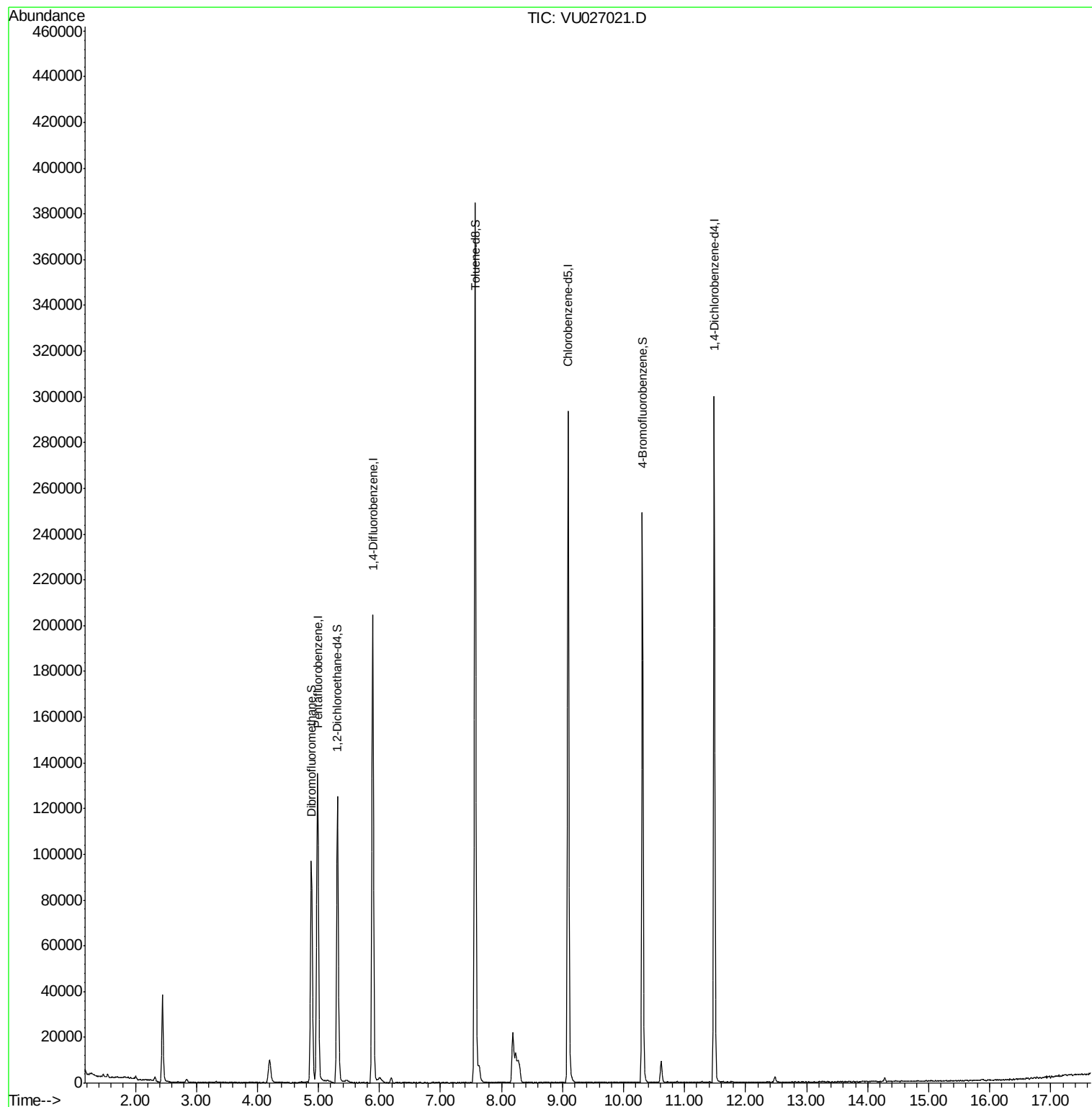
Target Compounds Qvalue

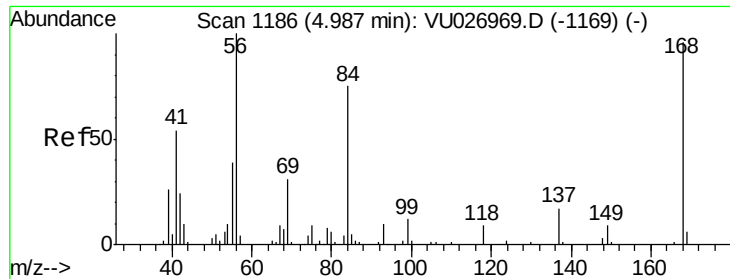
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027021.D

Acq: 22 Sep 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

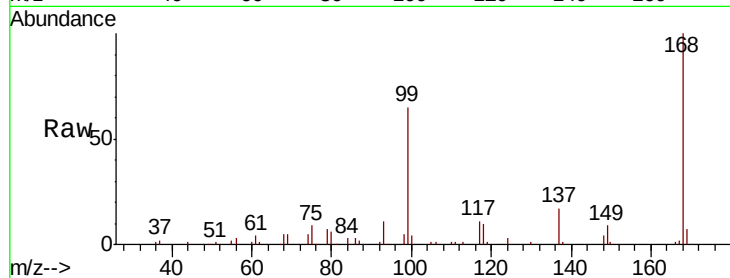
BPSI-TT-MW306S-20180914

Tot Ion:168 Resp: 95243

Ion Ratio Lower Upper

168 100

99 64.7 48.1 72.1

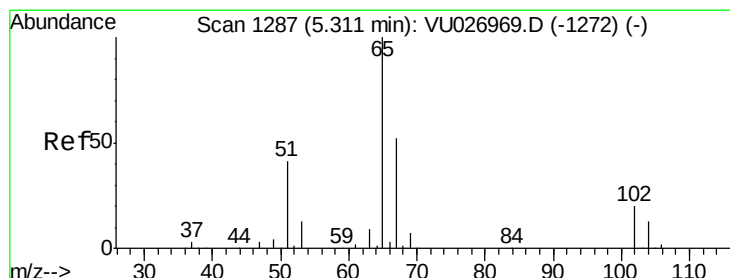
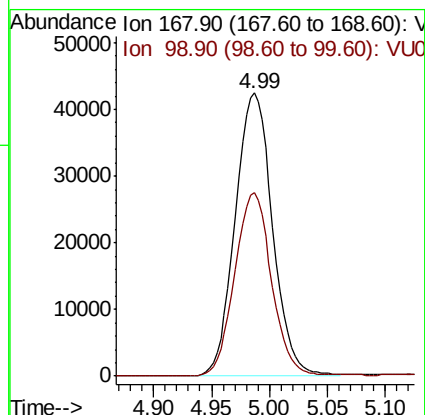
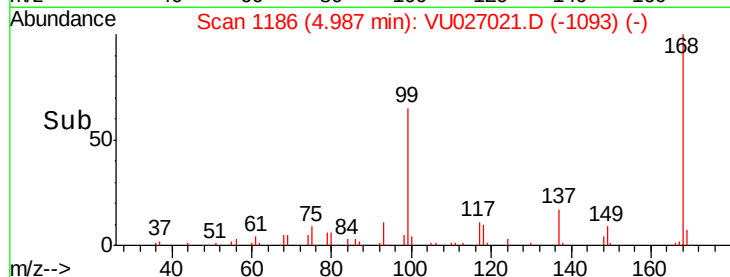


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027021.D (-1093) (-)

4.99

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.604 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027021.D

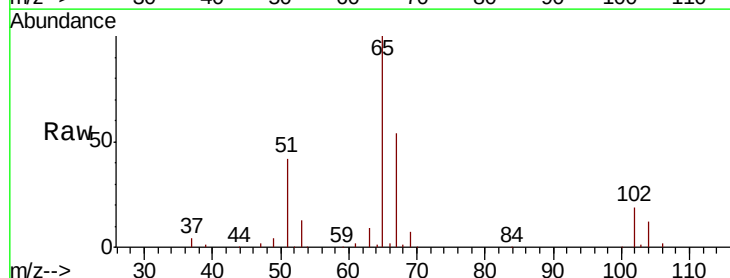
Acq: 22 Sep 2018 17:21

Tgt Ion: 65 Resp: 95087

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.6

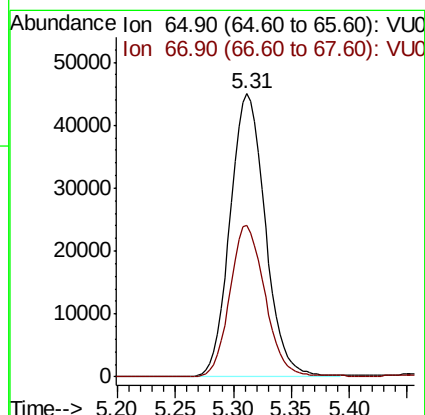
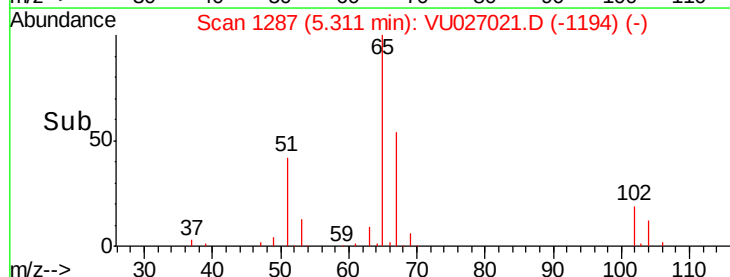


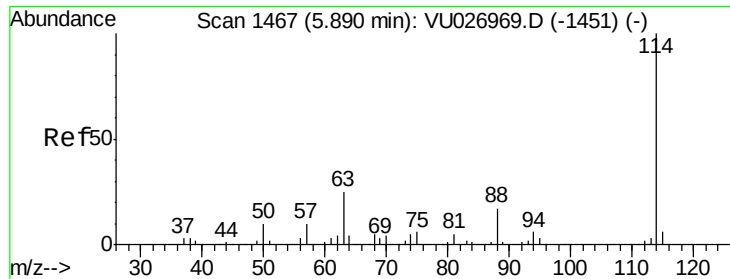
Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

Ion 66.90 (66.60 to 67.60): VU027021.D (-1194) (-)

5.31

Time-->

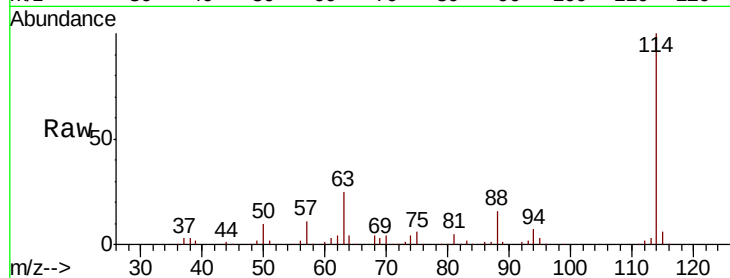




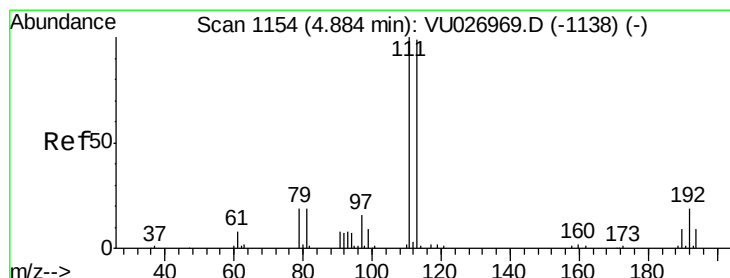
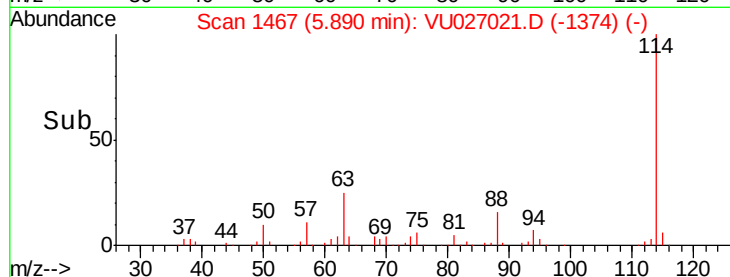
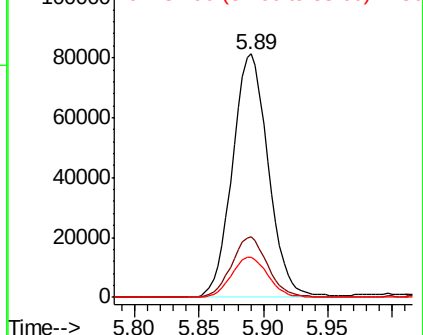
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027021.D
 Acq: 22 Sep 2018 17:21

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW306S-20180914

Tot Ion:114 Resp: 158097
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.4 0.0 33.8

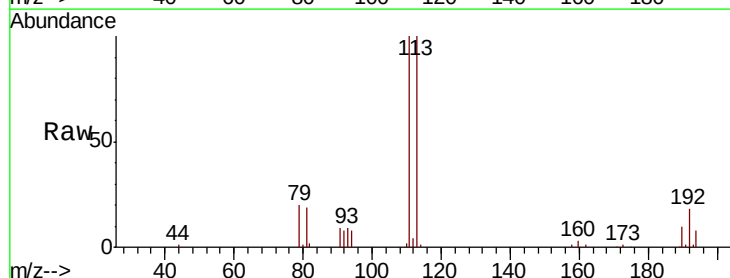


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

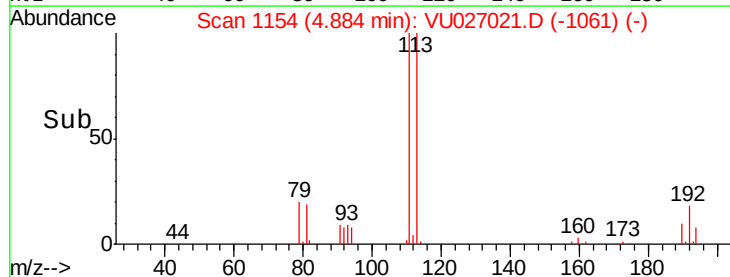
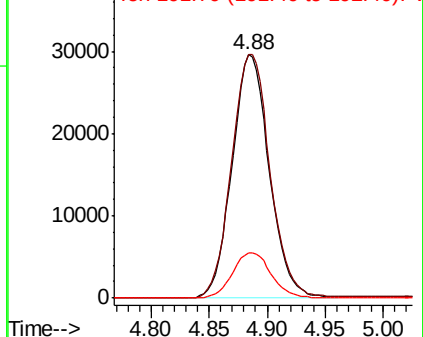


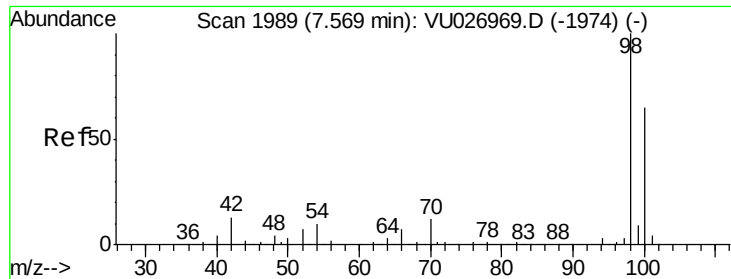
#35
 Dibromofluoromethane
 Concen: 48.215 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027021.D
 Acq: 22 Sep 2018 17:21

Tgt Ion:113 Resp: 66073
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 19.3 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

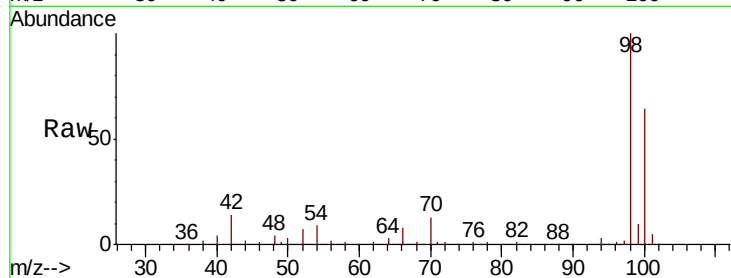




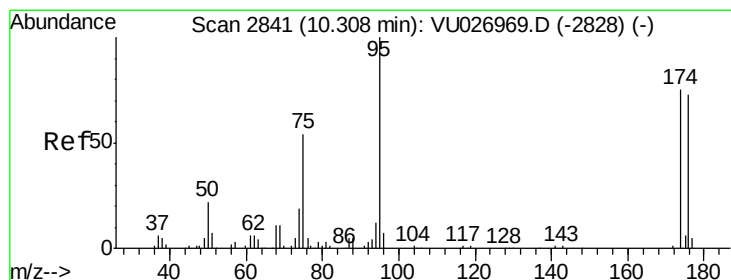
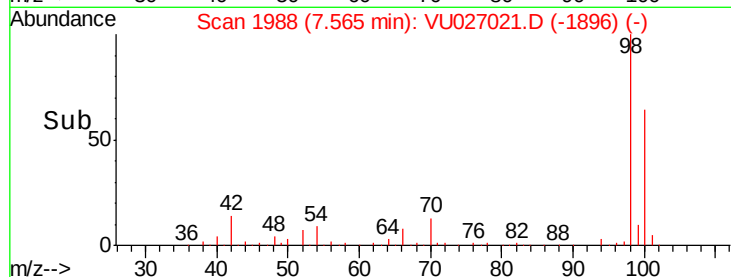
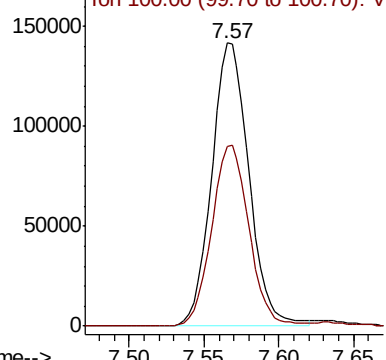
#50
Toluene-d8
Concen: 46.965 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027021.D
Acq: 22 Sep 2018 17:21

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW306S-20180914

Tot Ion: 98 Resp: 245277
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

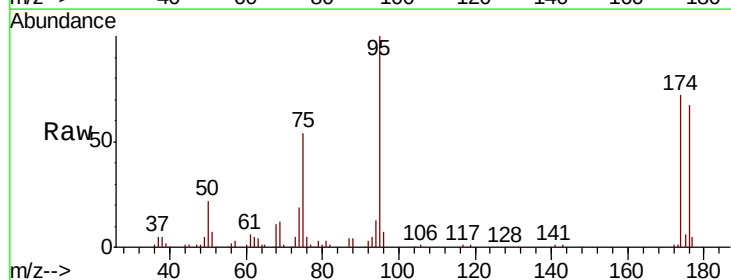


Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

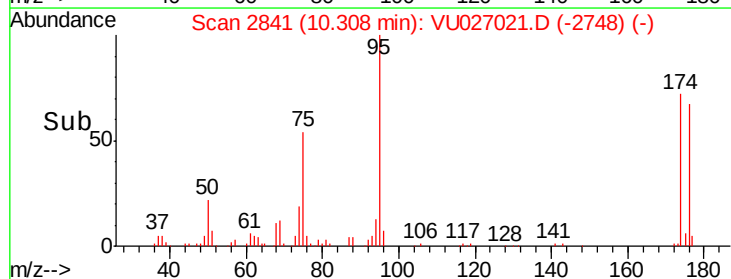
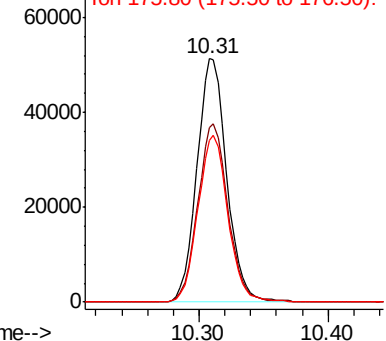


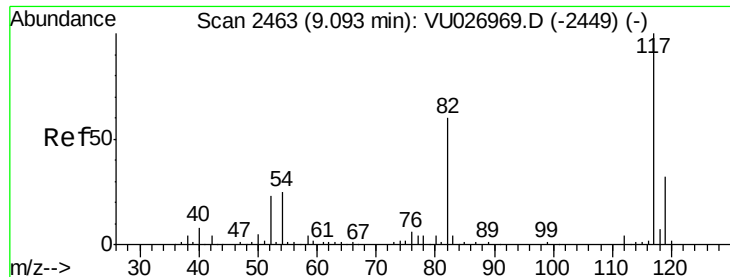
#62
4-Bromofluorobenzene
Concen: 45.820 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027021.D
Acq: 22 Sep 2018 17:21

Tgt Ion: 95 Resp: 82112
Ion Ratio Lower Upper
95 100
174 74.2 0.0 150.2
176 69.1 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

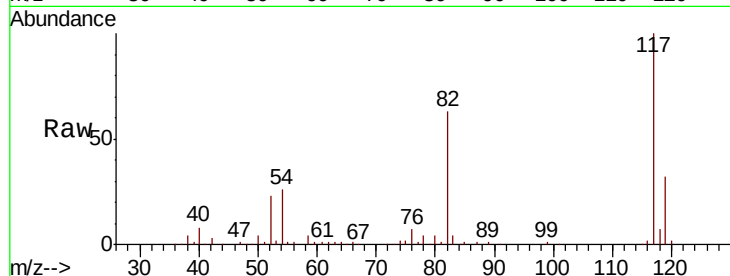




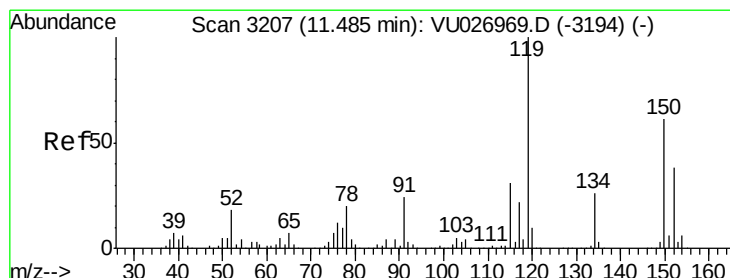
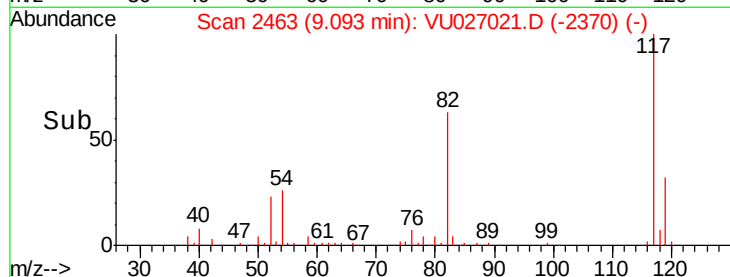
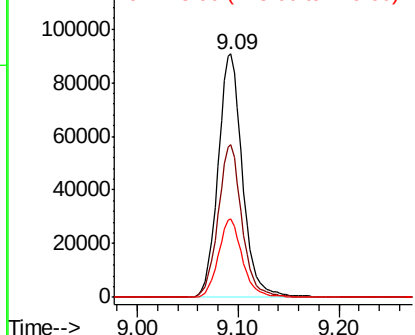
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027021.D
Acq: 22 Sep 2018 17:21

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW306S-20180914

Tot Ion:117 Resp: 152911
Ion Ratio Lower Upper
117 100
82 62.8 48.0 72.0
119 32.0 25.8 38.8

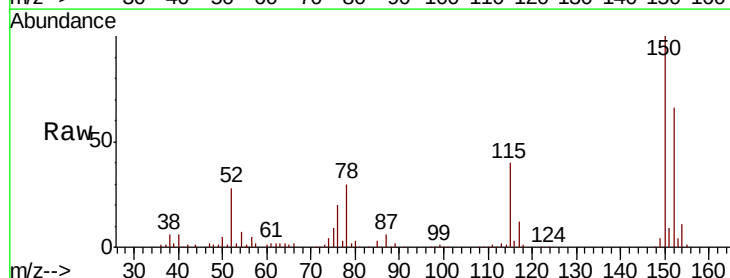


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027021.D
Acq: 22 Sep 2018 17:21

Tgt Ion:152 Resp: 71423
Ion Ratio Lower Upper
152 100
115 61.0 44.9 134.5
150 154.4 0.0 355.8



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

