

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027007.D
 Acq On : 22 Sep 2018 09:14
 Operator : MD/SY
 Sample : J4958-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-HN-MW24IR-20180914

Quant Time: Sep 24 04:18:25 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

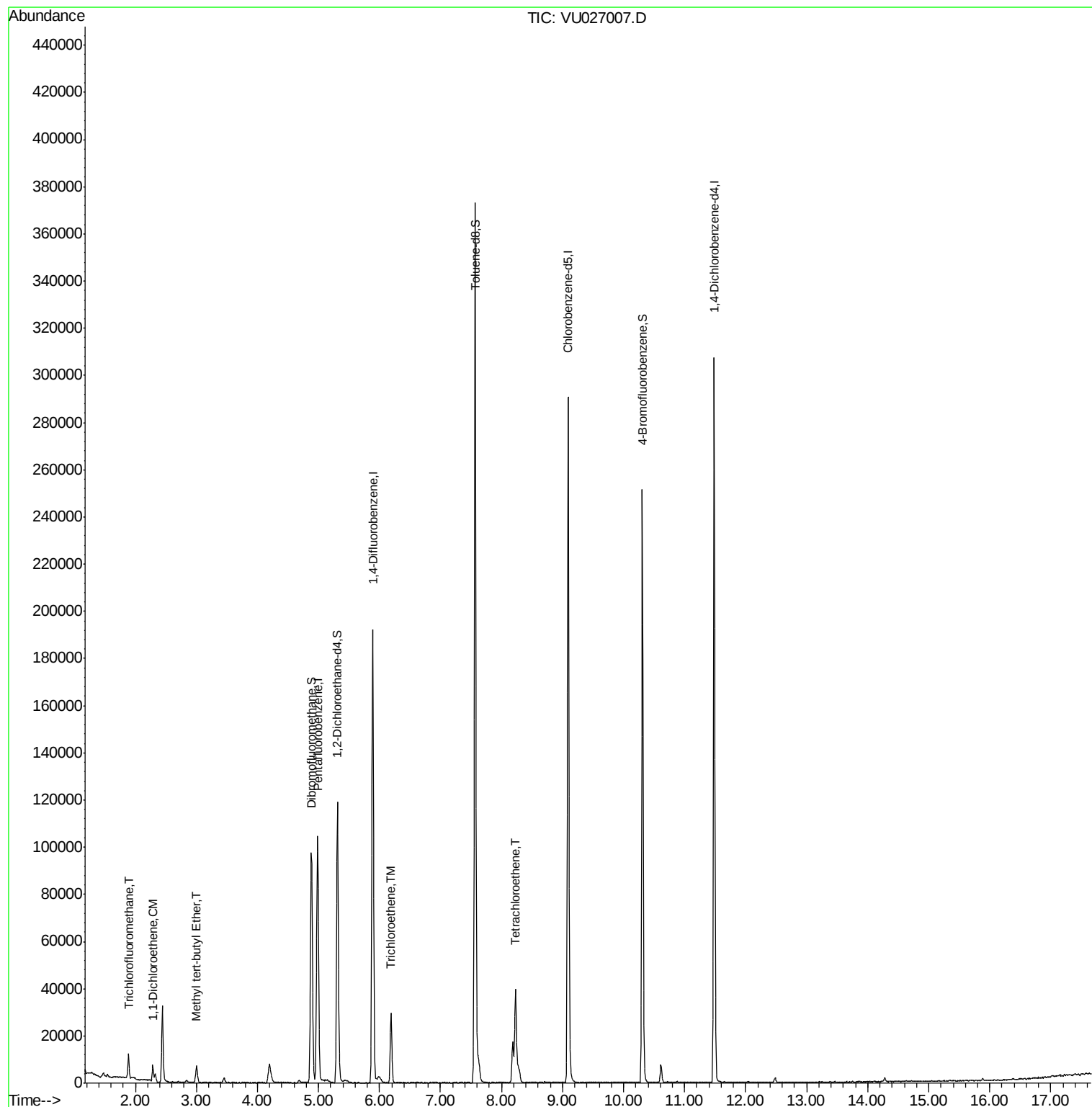
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	74272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	146264	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	91659	61.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.64%	
35) Dibromofluoromethane	4.89	113	66903	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
50) Toluene-d8	7.57	98	245250	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	10.31	95	81643	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
Target Compounds						
7) Trichlorofluoromethane	1.89	101	5847	3.299	ug/l	97
12) 1,1-Dichloroethene	2.29	96	1744	1.700	ug/l	91
19) Methyl tert-butyl Ether	3.00	73	6728	1.785	ug/l	94
44) Trichloroethene	6.19	130	10215	8.086	ug/l	97
64) Tetrachloroethene	8.23	164	7387	6.336	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027007.D

Acq: 22 Sep 2018 09:14

Instrument :

MSVOA_U

ClientSampleId :

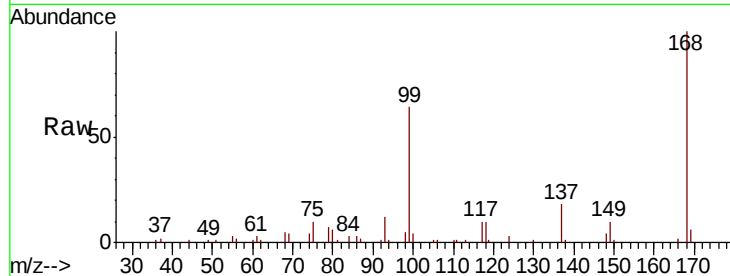
BPSI-HN-MW24IR-20180914

Tot Ion:168 Resp: 74272

Ion Ratio Lower Upper

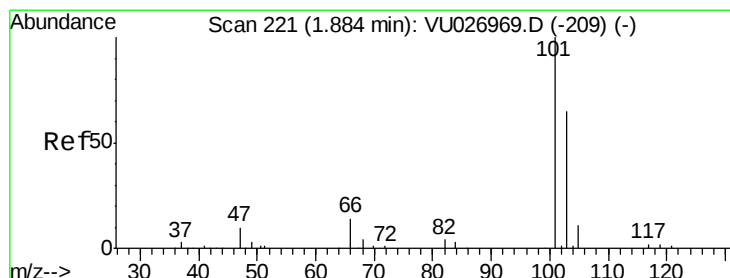
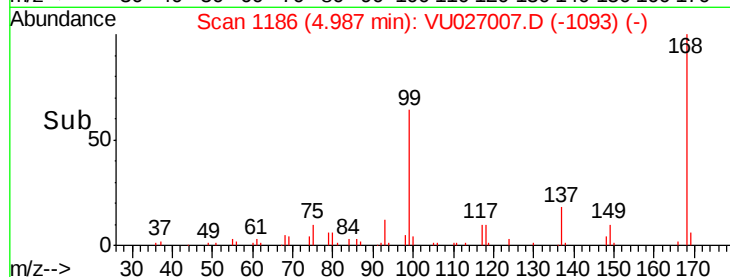
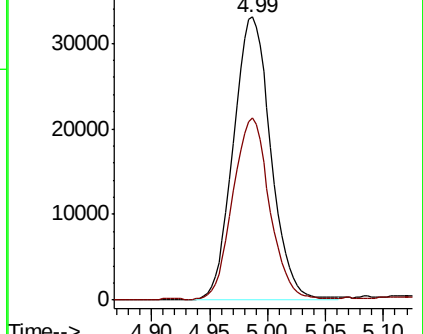
168 100

99 63.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#7

Trichlorofluoromethane

Concen: 3.299 ug/l

RT: 1.89 min Scan# 223

Delta R.T. 0.01 min

Lab File: VU027007.D

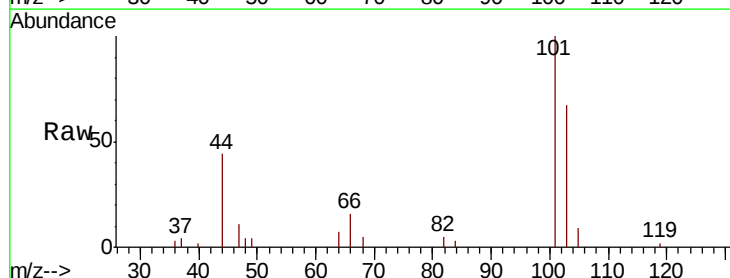
Acq: 22 Sep 2018 09:14

Tgt Ion:101 Resp: 5847

Ion Ratio Lower Upper

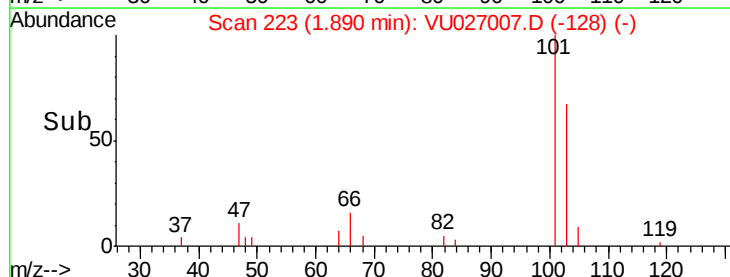
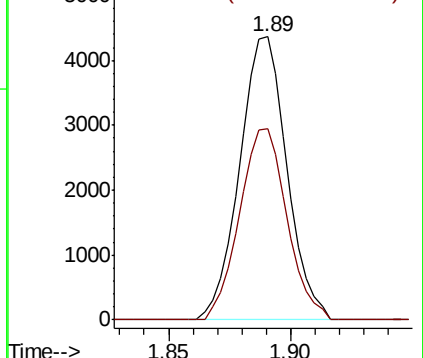
101 100

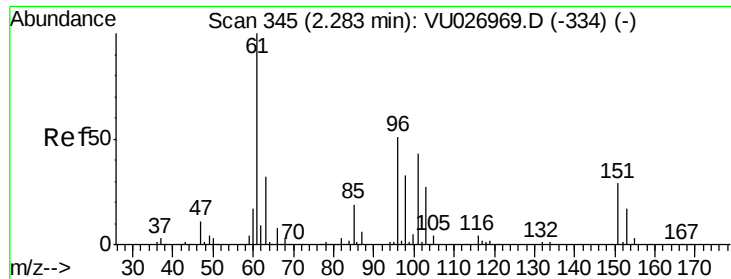
103 67.4 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#12

1,1-Dichloroethene

Concen: 1.700 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027007.D

Acq: 22 Sep 2018 09:14

Instrument :

MSVOA_U

ClientSampleId :

BPSI-HN-MW24IR-20180914

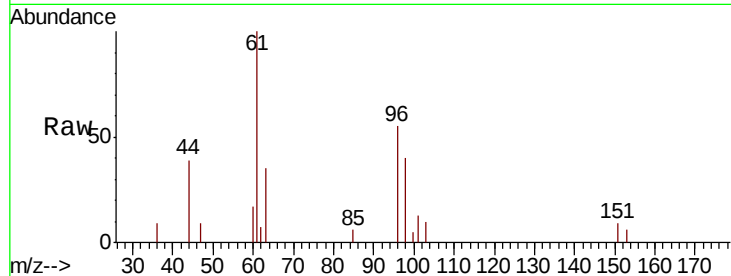
Tot Ion: 96 Resp: 1744

Ion Ratio Lower Upper

96 100

61 182.5 156.1 234.1

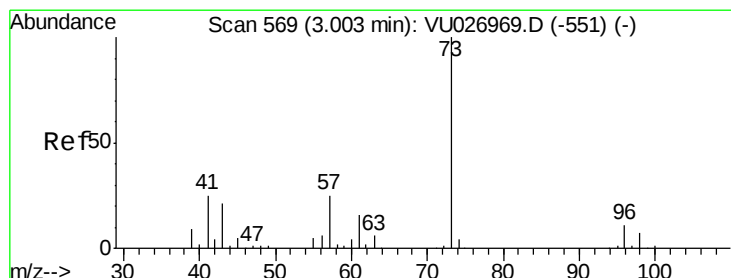
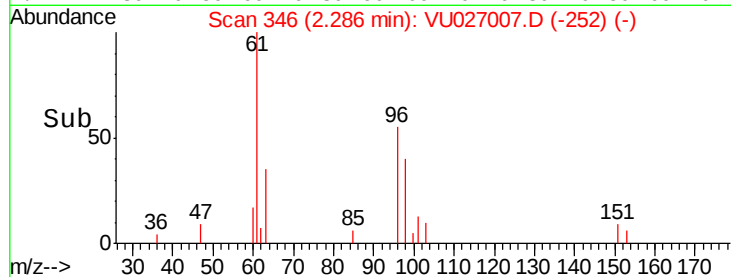
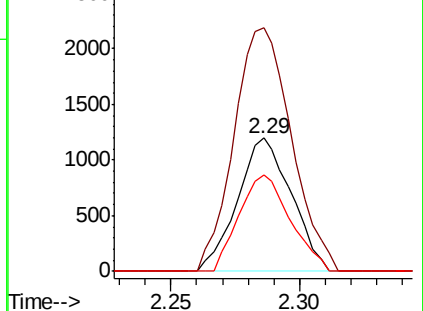
98 72.6 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VU027007.D (-252) (-)

Ion 60.90 (60.60 to 61.60): VU027007.D (-252) (-)

Ion 97.90 (97.60 to 98.60): VU027007.D (-252) (-)



#19

Methyl tert-butyl Ether

Concen: 1.785 ug/l

RT: 3.00 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU027007.D

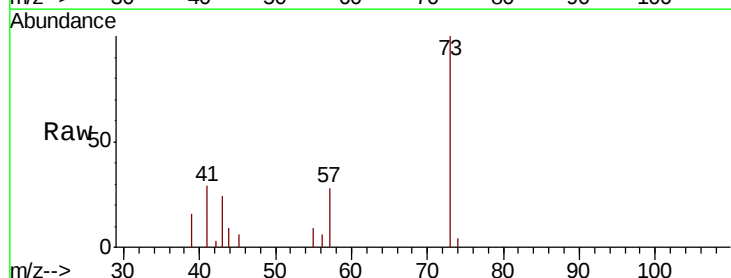
Acq: 22 Sep 2018 09:14

Tgt Ion: 73 Resp: 6728

Ion Ratio Lower Upper

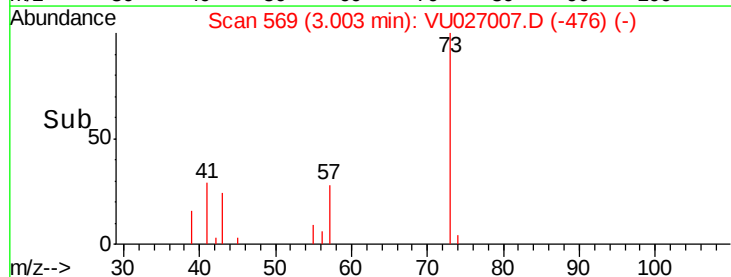
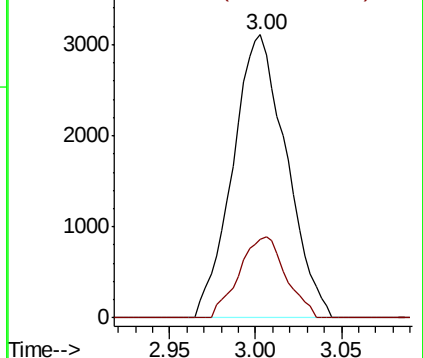
73 100

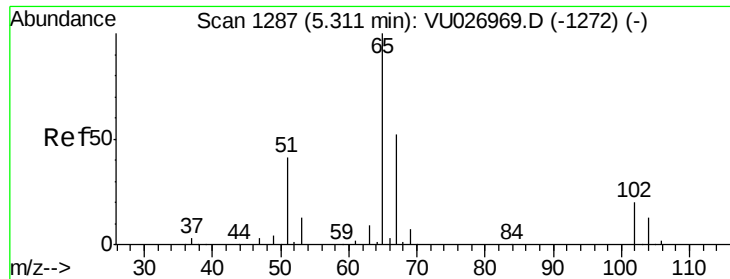
57 27.6 19.8 29.6



Abundance Ion 73.00 (72.70 to 73.70): VU027007.D (-476) (-)

Ion 57.00 (56.70 to 57.70): VU027007.D (-476) (-)

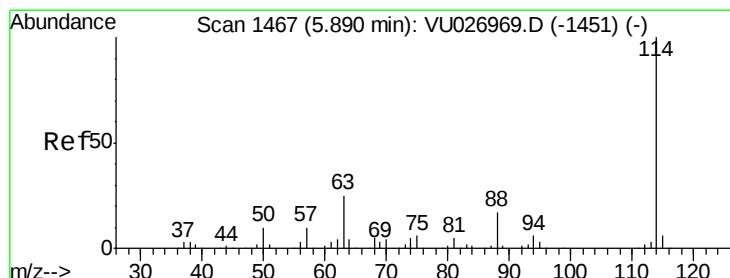
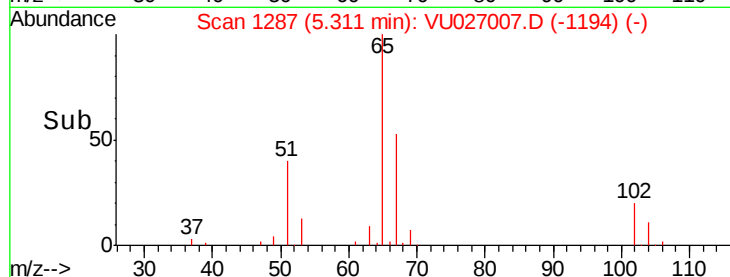
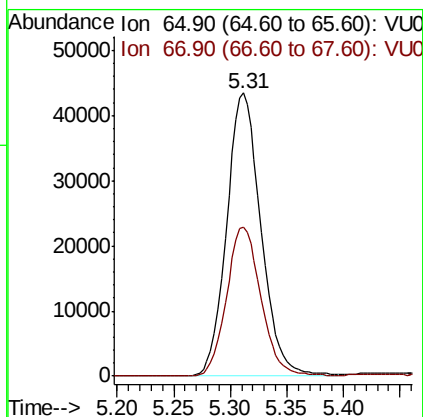
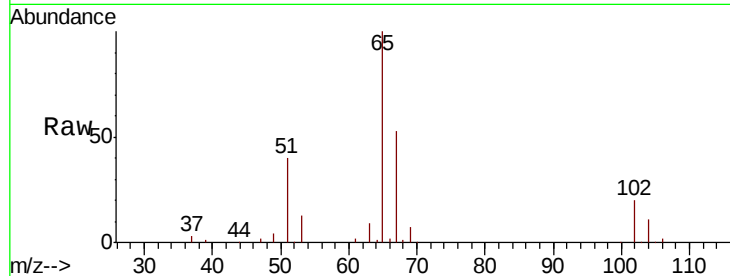




#33
 1,2-Dichloroethane-d4
 Concen: 61.317 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027007.D
 Acq: 22 Sep 2018 09:14

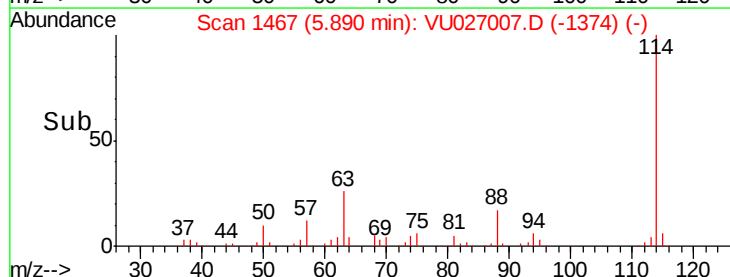
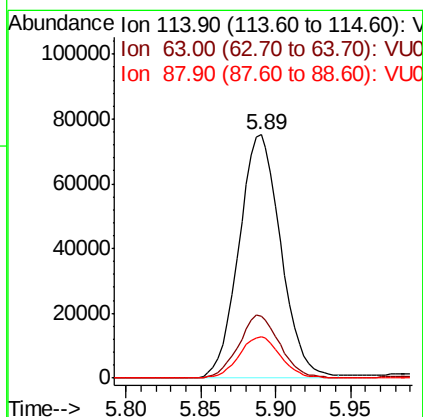
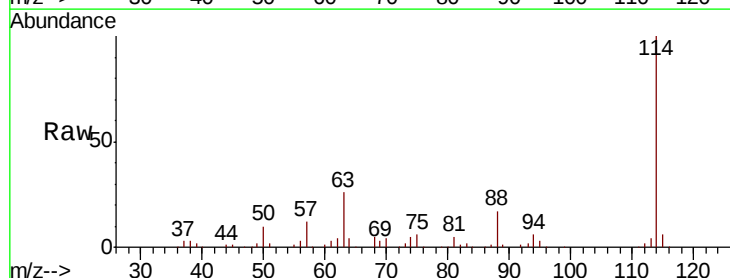
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-HN-MW24IR-20180914

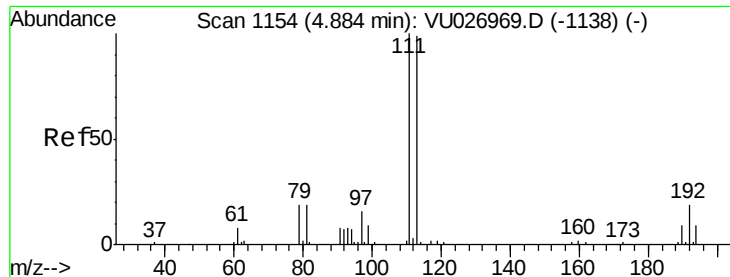
Tot Ion: 65 Resp: 91659
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027007.D
 Acq: 22 Sep 2018 09:14

Tgt Ion: 114 Resp: 146264
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.770 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027007.D

Acq: 22 Sep 2018 09:14

Instrument :

MSVOA_U

ClientSampleId :

BPSI-HN-MW24IR-20180914

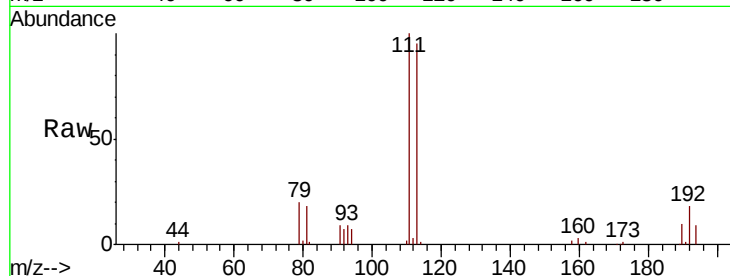
Tot Ion:113 Resp: 66903

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

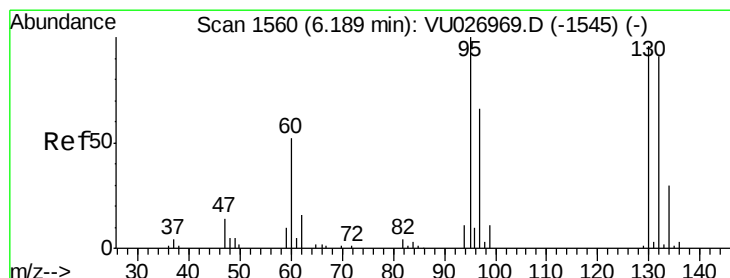
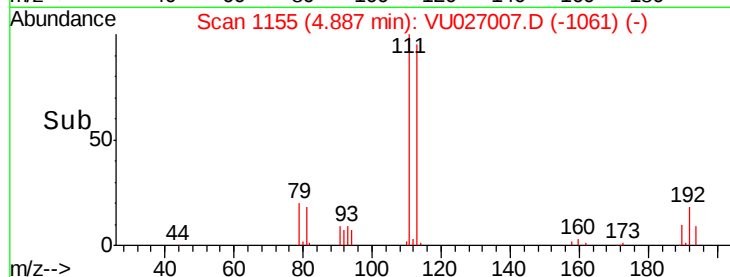
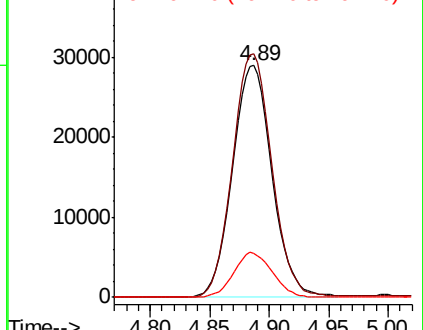
192 18.7 15.2 22.8



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



#44

Trichloroethene

Concen: 8.086 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027007.D

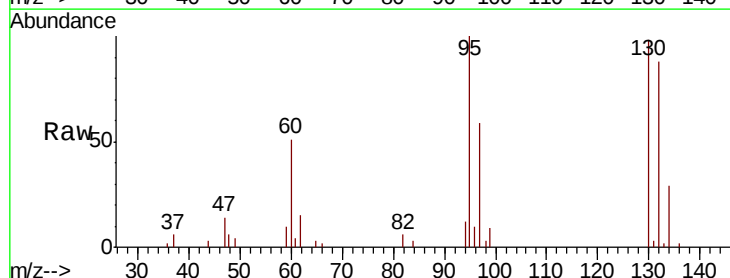
Acq: 22 Sep 2018 09:14

Tgt Ion:130 Resp: 10215

Ion Ratio Lower Upper

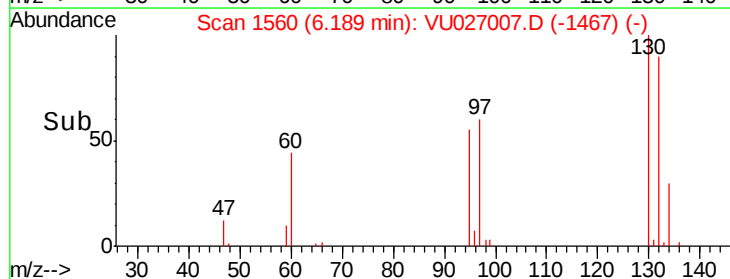
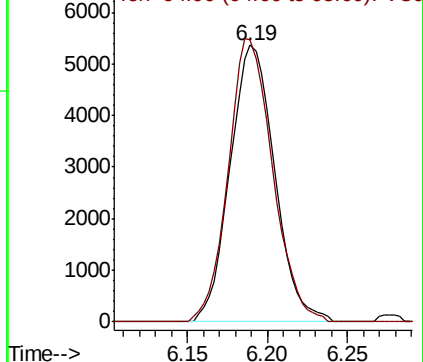
130 100

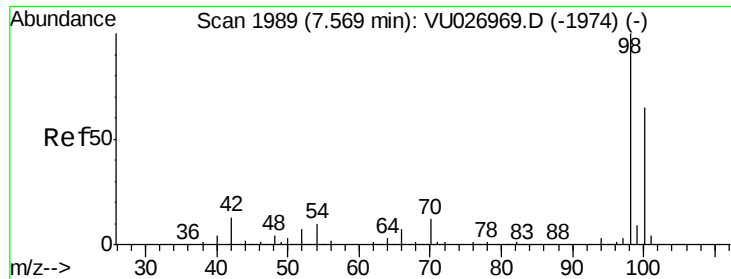
95 101.8 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 50.758 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027007.D

Acq: 22 Sep 2018 09:14

Instrument :

MSVOA_U

ClientSampleId :

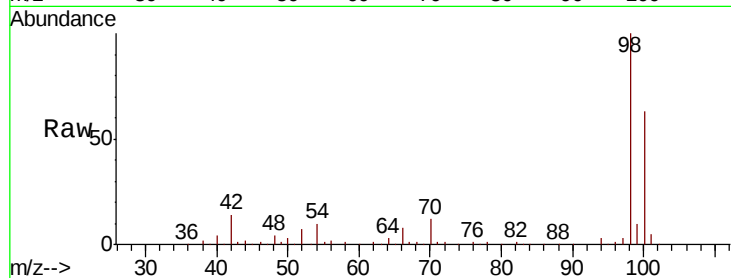
BPSI-HN-MW24IR-20180914

Tot Ion: 98 Resp: 245250

Ion Ratio Lower Upper

98 100

100 61.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

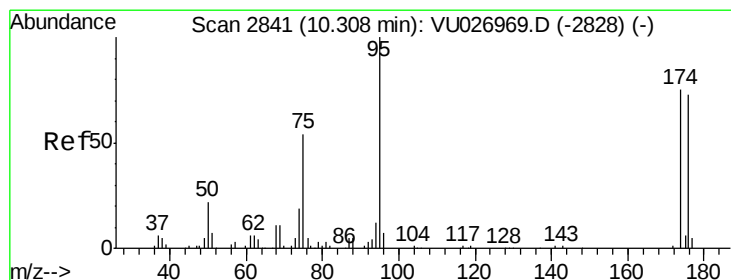
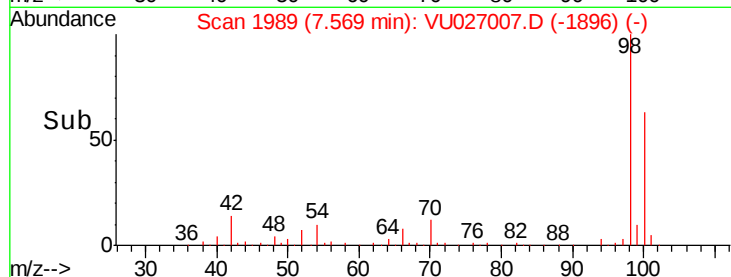
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.245 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027007.D

Acq: 22 Sep 2018 09:14

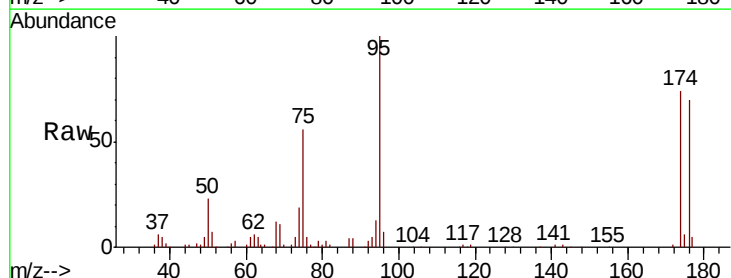
Tgt Ion: 95 Resp: 81643

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

176 71.2 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

10.31

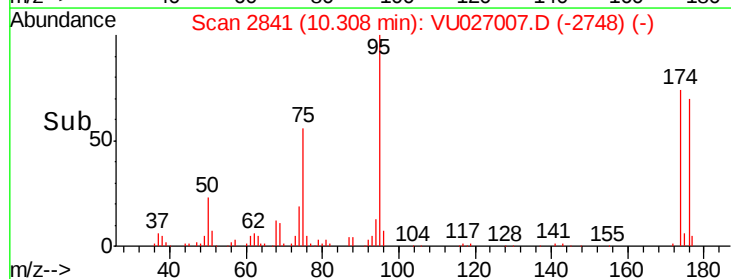
60000

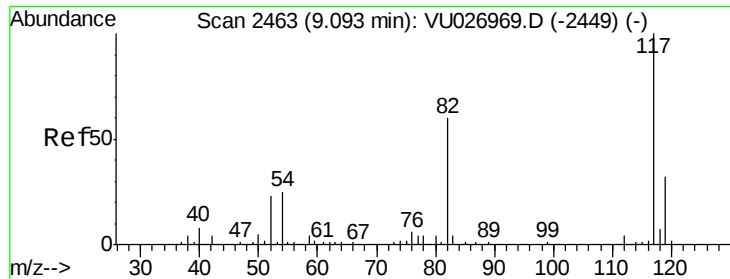
40000

20000

0

Time-->

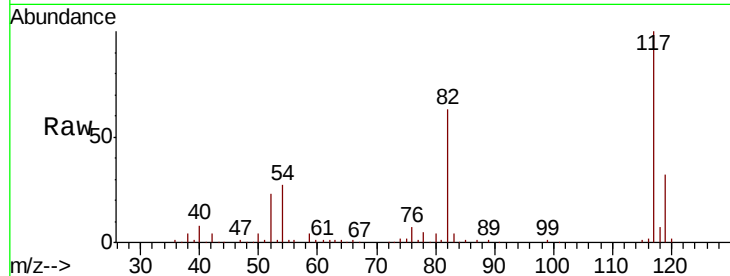




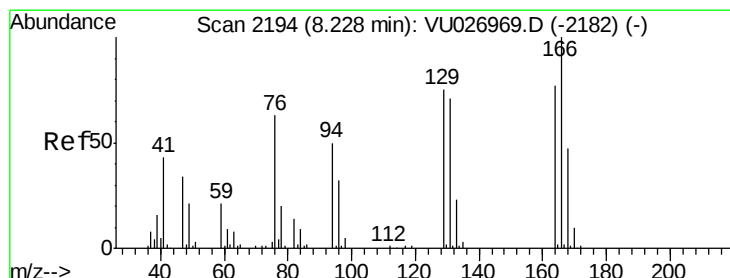
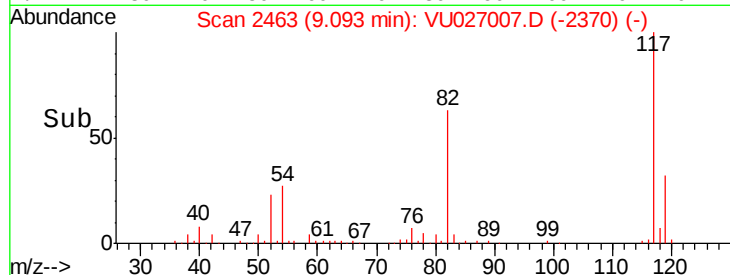
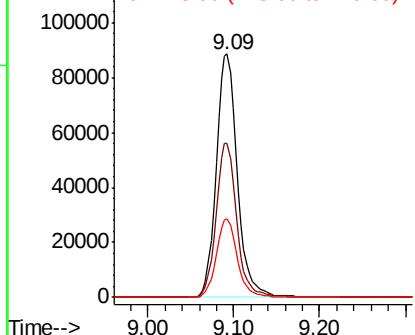
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027007.D
Acq: 22 Sep 2018 09:14

Instrument :
MSVOA_U
ClientSampleId :
BPSI-HN-MW24IR-20180914

Tot Ion:117 Resp: 151296
Ion Ratio Lower Upper
117 100
82 63.1 48.0 72.0
119 32.0 25.8 38.8

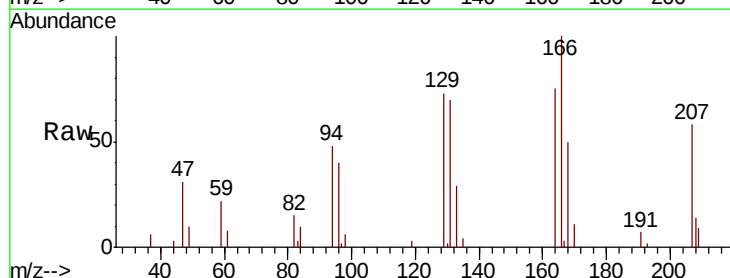


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

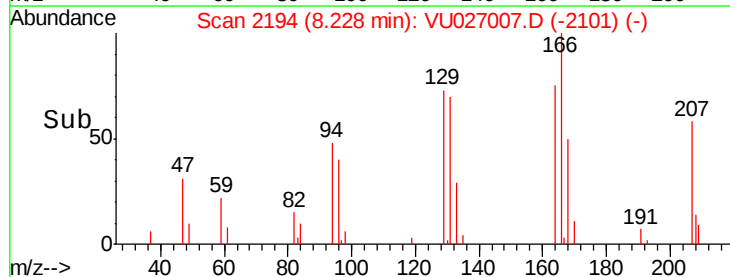
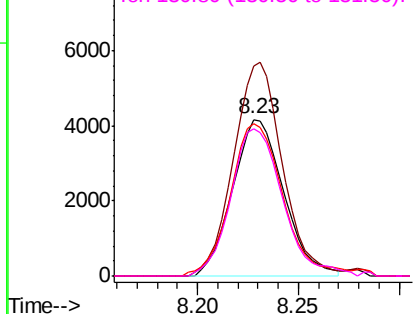


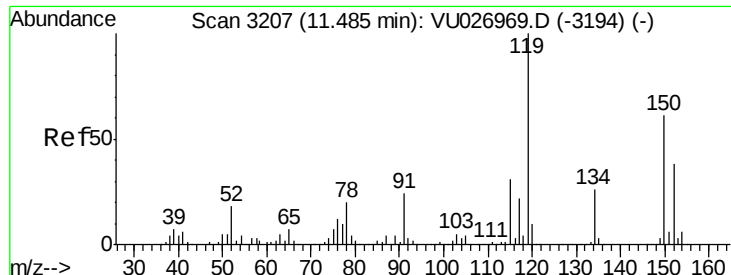
#64
Tetrachloroethene
Concen: 6.336 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027007.D
Acq: 22 Sep 2018 09:14

Tgt Ion:164 Resp: 7387
Ion Ratio Lower Upper
164 100
166 134.0 104.4 156.6
129 95.0 78.7 118.1
131 94.2 73.9 110.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VU027007.D

Acq: 22 Sep 2018 09:14

Instrument :

MSVOA_U

ClientSampleId :

BPSI-HN-MW24IR-20180914

Tot Ion:152 Resp: 73002

Ion Ratio Lower Upper

152 100

115 62.7 44.9 134.5

150 158.6 0.0 355.8

