

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028657.D
 Acq On : 12 Dec 2018 17:11
 Operator : MD/SY
 Sample : J6343-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW24IR-20181209

Quant Time: Dec 13 03:08:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

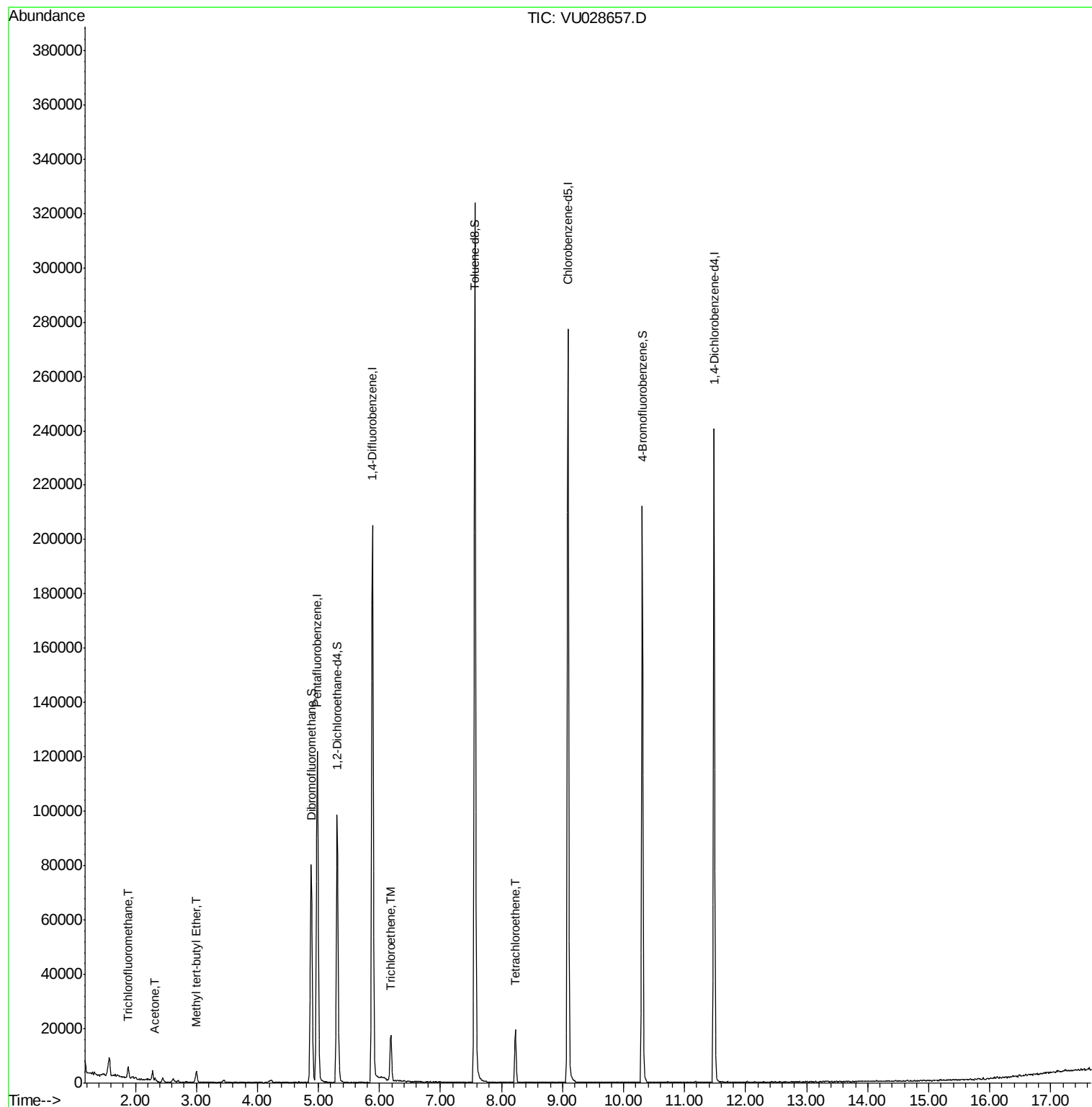
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	90648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	166522	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	58541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74918	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
35) Dibromofluoromethane	4.88	113	55332	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
50) Toluene-d8	7.56	98	213012	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	10.30	95	69611	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
Target Compounds						
7) Trichlorofluoromethane	1.88	101	2598	1.532	ug/l	94
16) Acetone	2.32	43	1667	1.847	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	4504	1.177	ug/l	91
44) Trichloroethene	6.18	130	6159	5.161	ug/l	87
64) Tetrachloroethene	8.23	164	4250	4.309	ug/l	96

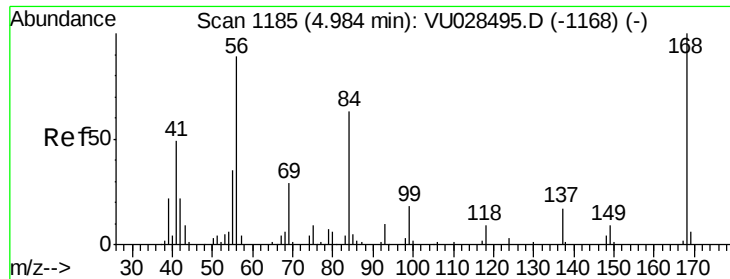
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028657.D

Acq: 12 Dec 2018 17:11

Instrument :

MSVOA_U

ClientSampleId :

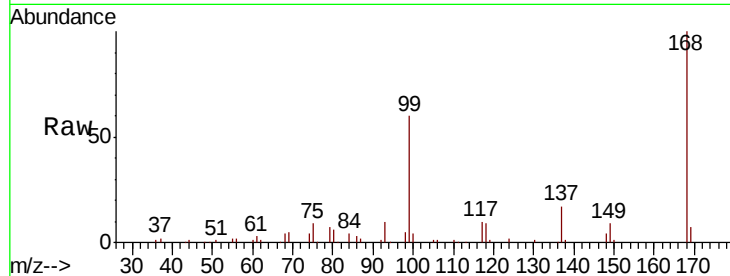
BP-HN-MW24IR-20181209

Tot Ion:168 Resp: 90648

Ion Ratio Lower Upper

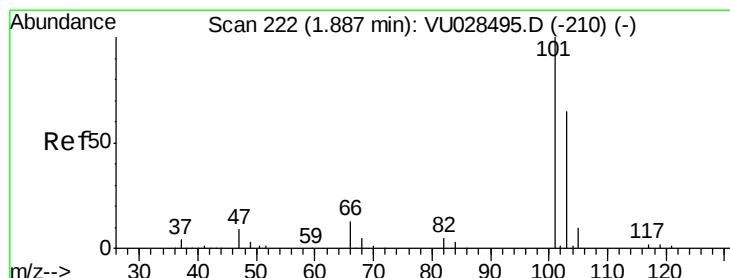
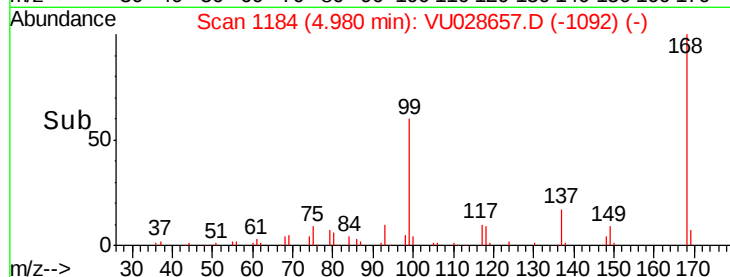
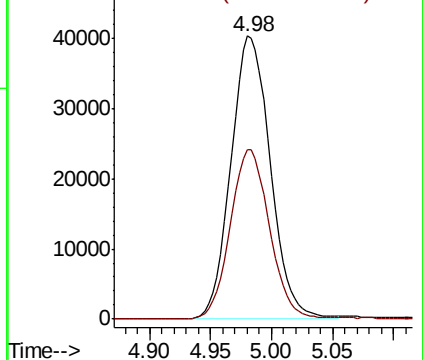
168 100

99 59.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#7

Trichlorofluoromethane

Concen: 1.532 ug/l

RT: 1.88 min Scan# 220

Delta R.T. -0.01 min

Lab File: VU028657.D

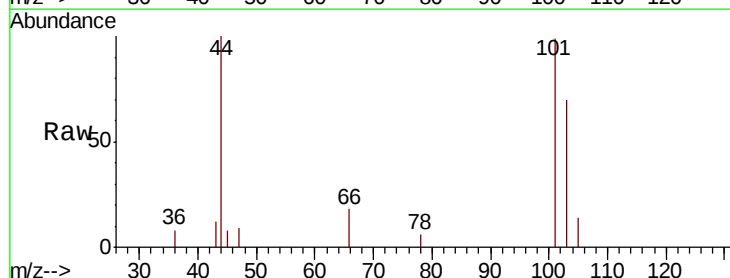
Acq: 12 Dec 2018 17:11

Tgt Ion:101 Resp: 2598

Ion Ratio Lower Upper

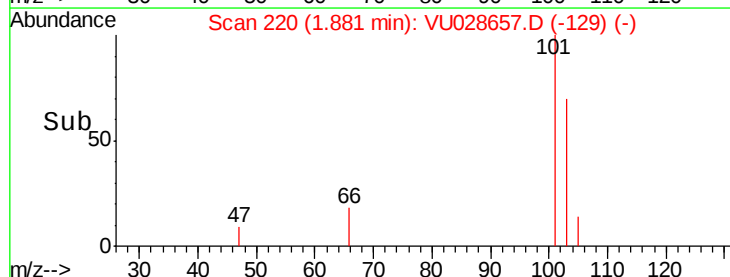
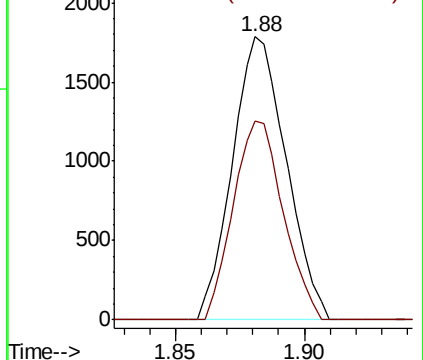
101 100

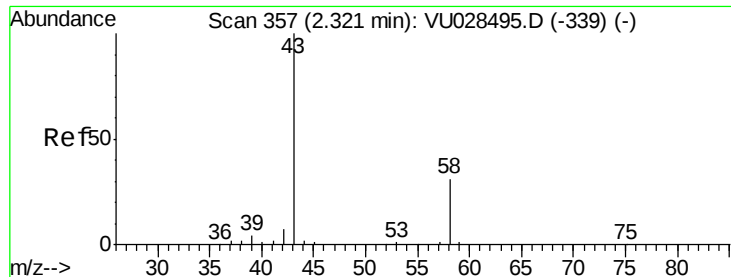
103 70.3 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#16

Acetone

Concen: 1.847 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028657.D

Acq: 12 Dec 2018 17:11

Instrument :

MSVOA_U

ClientSampleId :

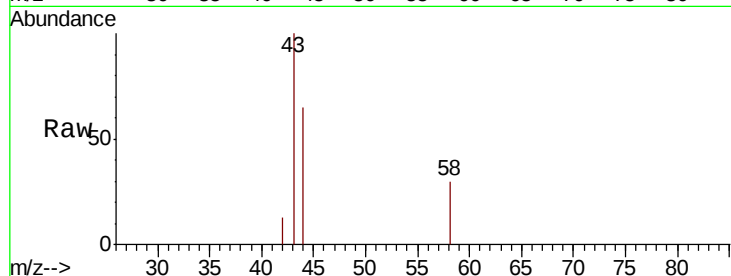
BP-HN-MW24IR-20181209

Tot Ion: 43 Resp: 1667

Ion Ratio Lower Upper

43 100

58 30.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

1000

800

600

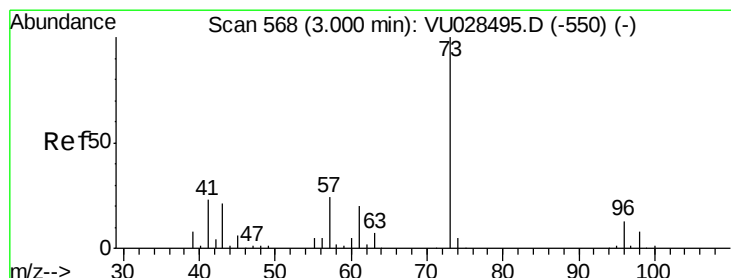
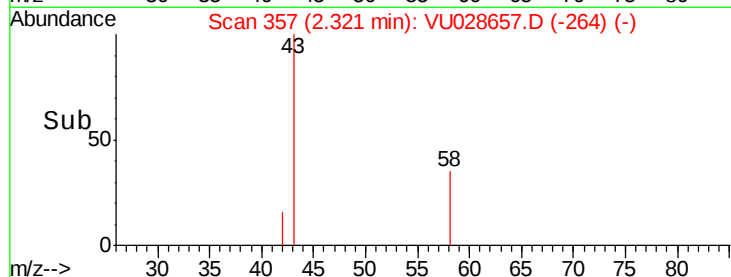
400

200

0

2.30 2.35

Time-->



#19

Methyl tert-butyl Ether

Concen: 1.177 ug/l

RT: 3.00 min Scan# 567

Delta R.T. -0.00 min

Lab File: VU028657.D

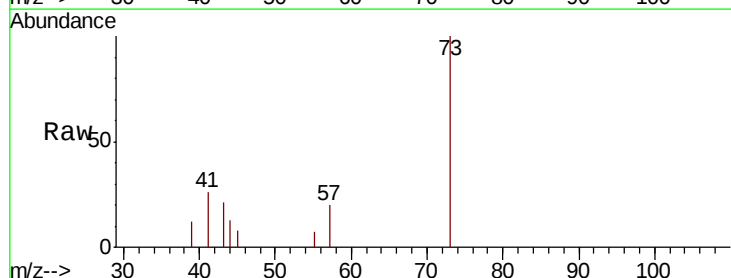
Acq: 12 Dec 2018 17:11

Tgt Ion: 73 Resp: 4504

Ion Ratio Lower Upper

73 100

57 19.9 19.4 29.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

3.00

2000

1500

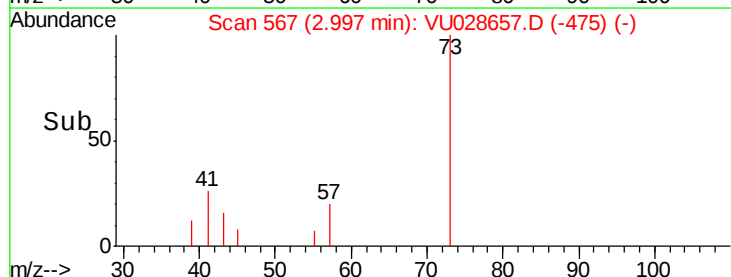
1000

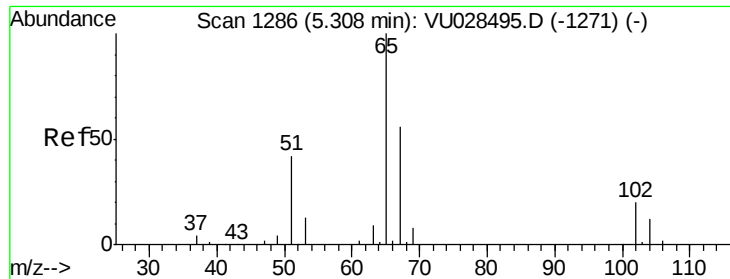
500

0

2.95 3.00 3.05

Time-->

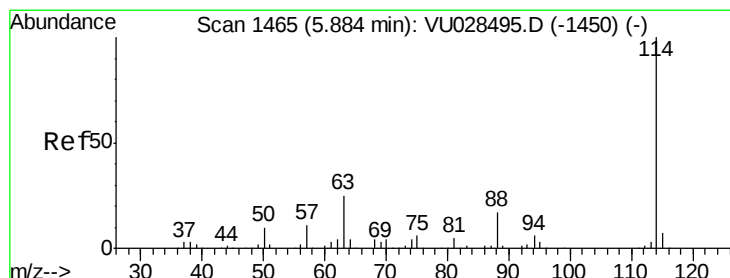
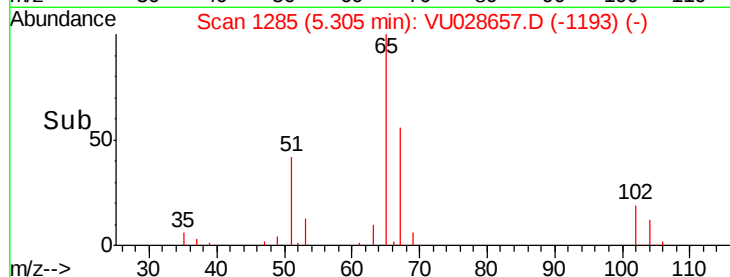
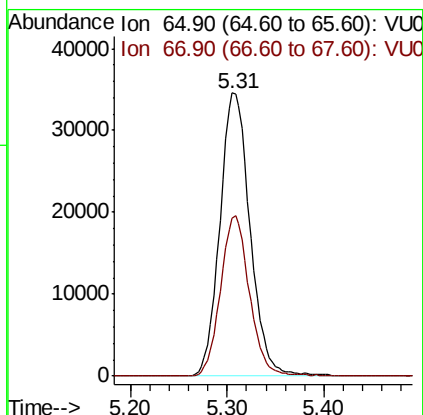
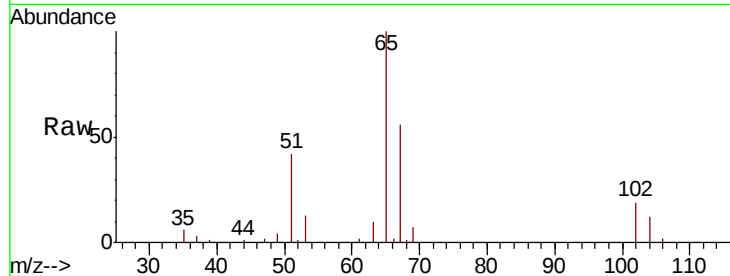




#33
 1,2-Dichloroethane-d4
 Concen: 54.157 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VU028657.D
 Acq: 12 Dec 2018 17:11

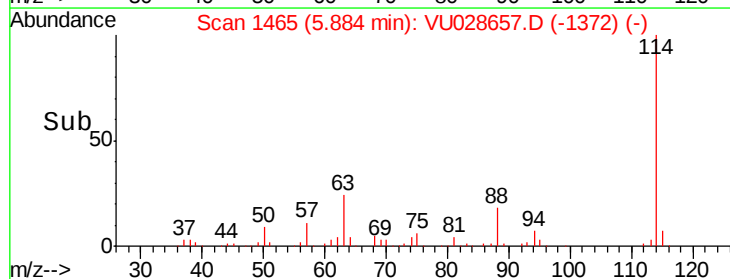
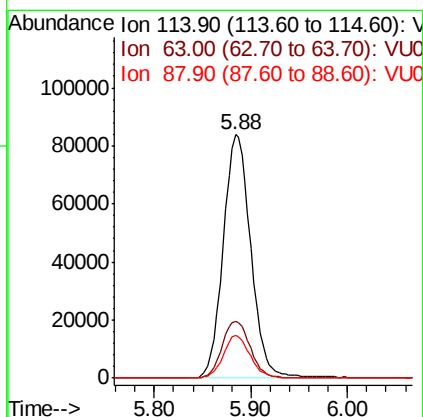
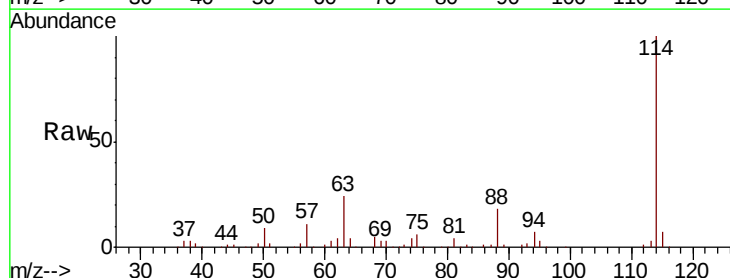
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW24IR-20181209

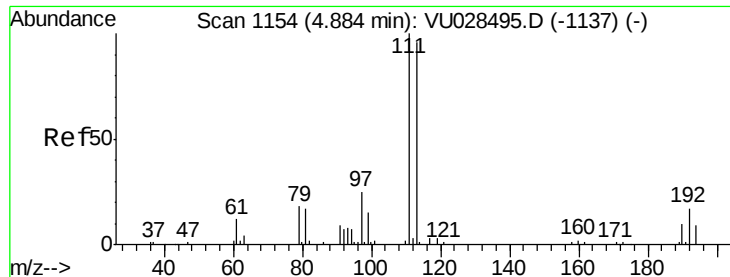
Tot Ion: 65 Resp: 74918
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028657.D
 Acq: 12 Dec 2018 17:11

Tgt Ion: 114 Resp: 166522
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 49.2
 88 17.6 0.0 33.4

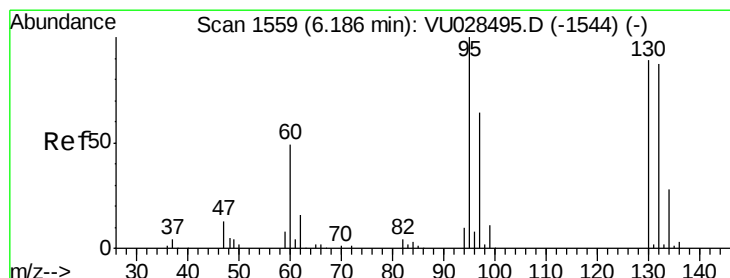
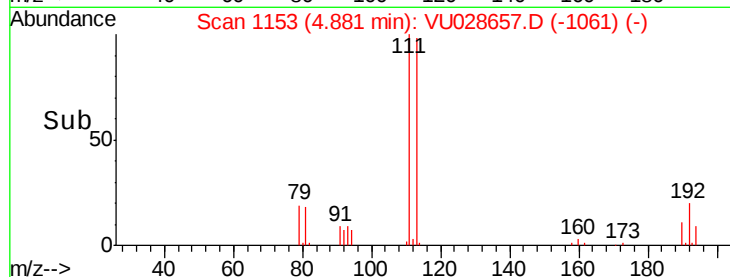
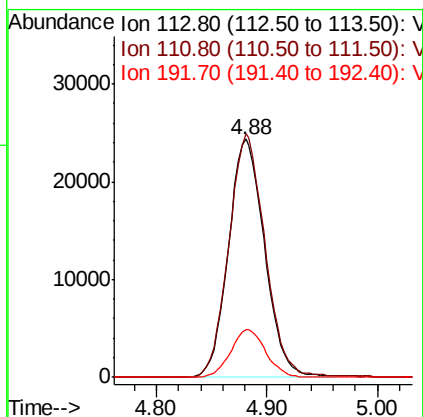
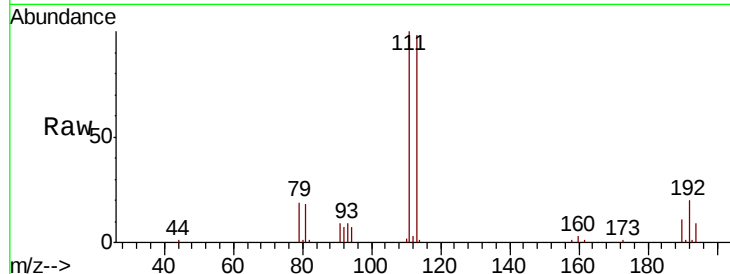




#35
 Dibromofluoromethane
 Concen: 52.801 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028657.D
 Acq: 12 Dec 2018 17:11

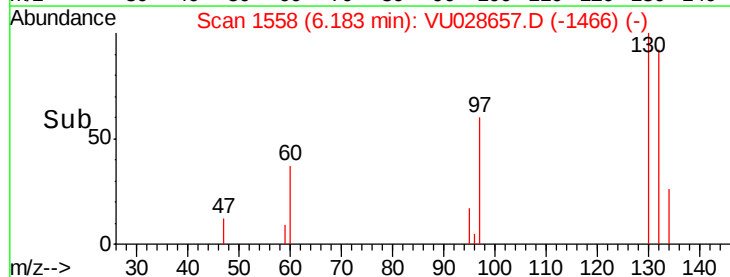
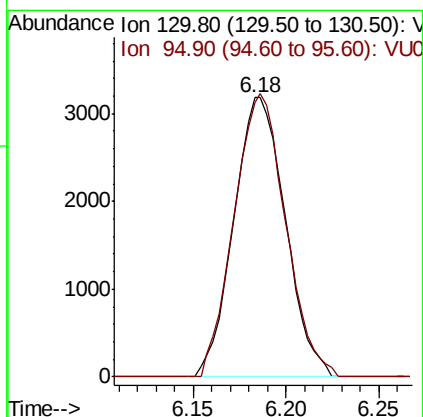
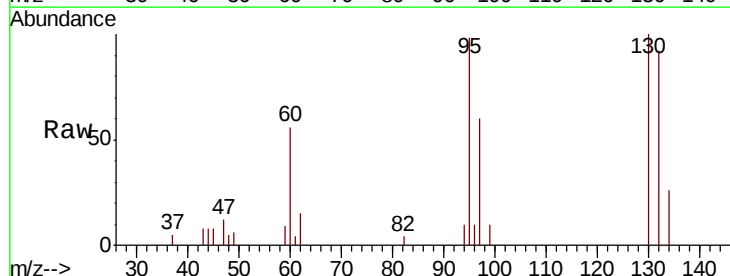
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW24IR-20181209

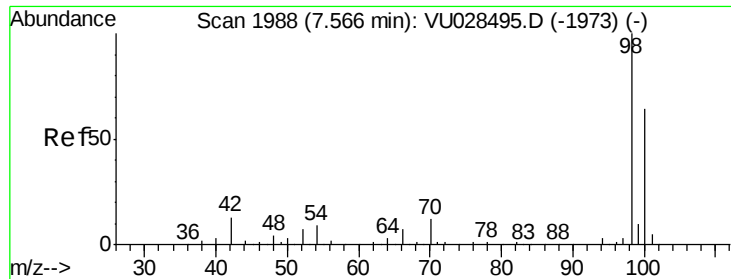
Tot Ion:113 Resp: 55332
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.4 125.0
 192 19.2 14.8 22.2



#44
 Trichloroethene
 Concen: 5.161 ug/l
 RT: 6.18 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VU028657.D
 Acq: 12 Dec 2018 17:11

Tgt Ion:130 Resp: 6159
 Ion Ratio Lower Upper
 130 100
 95 98.3 0.0 224.0





#50

Toluene-d8

Concen: 51.385 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028657.D

Acq: 12 Dec 2018 17:11

Instrument :

MSVOA_U

ClientSampleId :

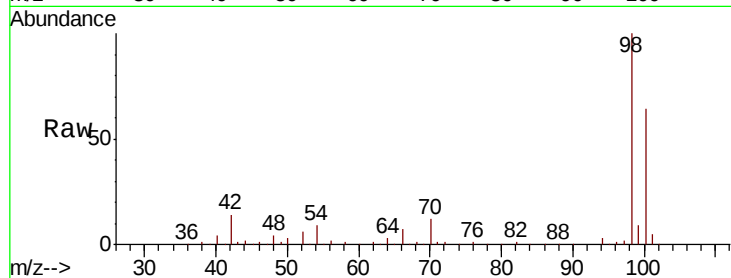
BP-HN-MW24IR-20181209

Tot Ion: 98 Resp: 213012

Ion Ratio Lower Upper

98 100

100 63.9 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

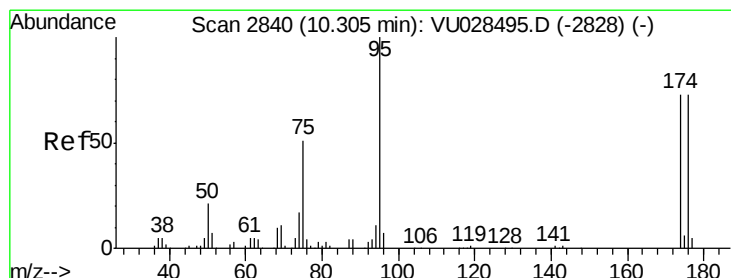
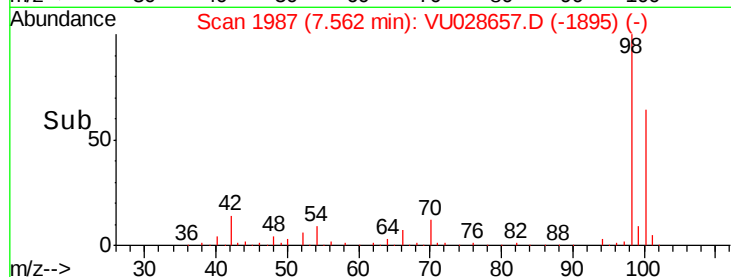
7.56

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.927 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028657.D

Acq: 12 Dec 2018 17:11

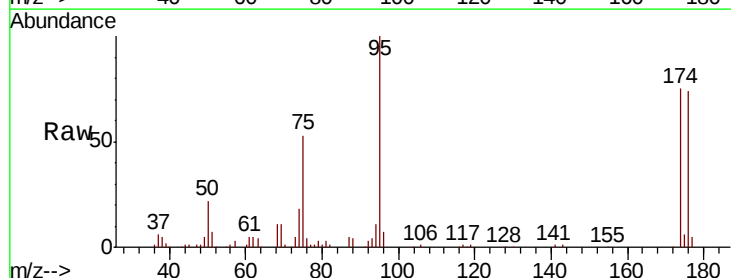
Tgt Ion: 95 Resp: 69611

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.4

176 74.9 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

60000

50000

40000

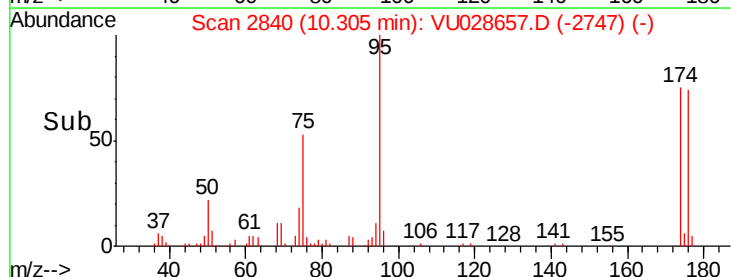
30000

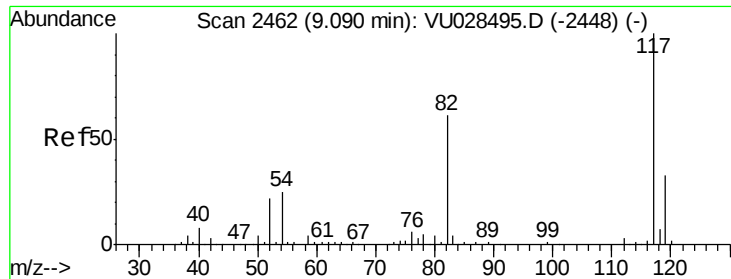
20000

10000

0

Time-->

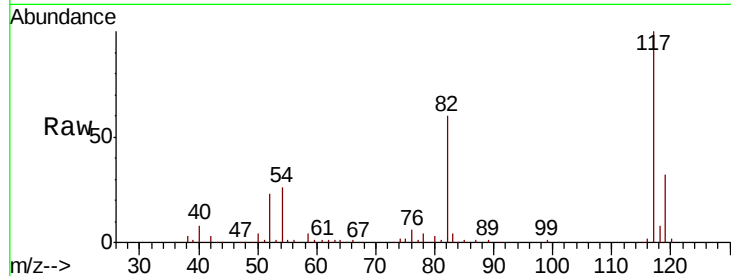




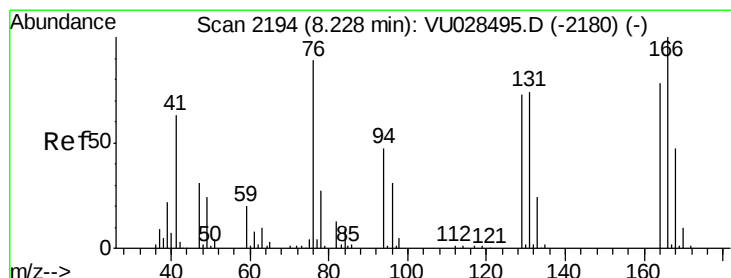
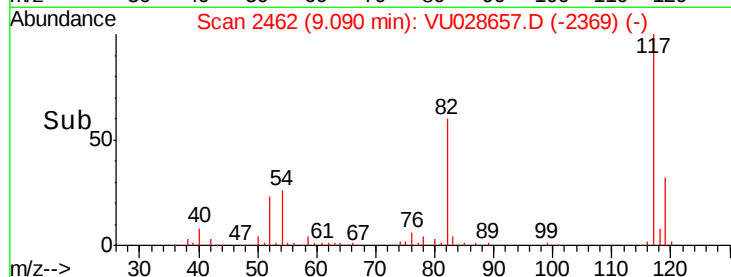
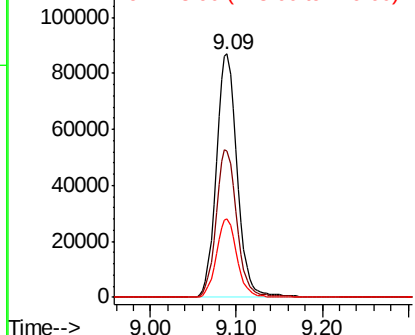
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028657.D
Acq: 12 Dec 2018 17:11

Instrument :
MSVOA_U
ClientSampleId :
BP-HN-MW24IR-20181209

Tot Ion:117 Resp: 147872
Ion Ratio Lower Upper
117 100
82 60.3 48.9 73.3
119 32.4 26.2 39.4

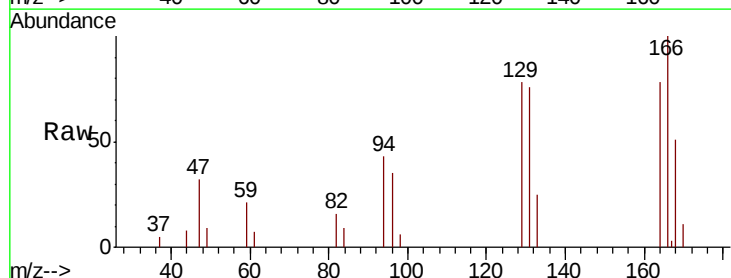


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

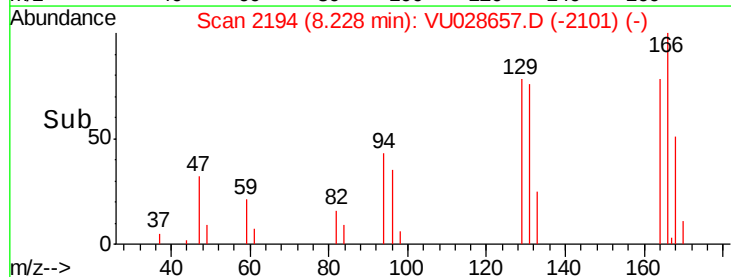
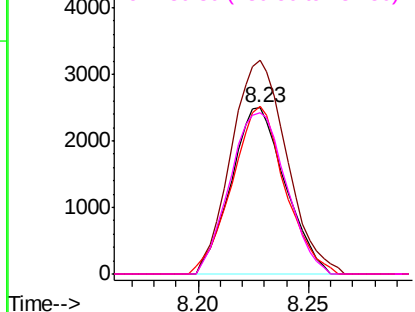


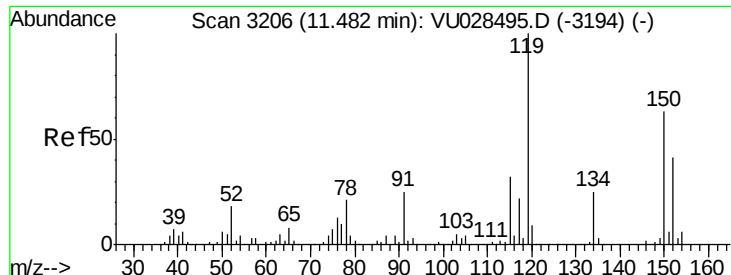
#64
Tetrachloroethene
Concen: 4.309 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028657.D
Acq: 12 Dec 2018 17:11

Tgt Ion:164 Resp: 4250
Ion Ratio Lower Upper
164 100
166 128.7 101.9 152.9
129 100.8 74.9 112.3
131 97.4 75.4 113.0



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# 3206
 Delta R.T. -0.00 min
 Lab File: VU028657.D
 Acq: 12 Dec 2018 17:11

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW24IR-20181209

Tot Ion:152 Resp: 58541
 Ion Ratio Lower Upper
 152 100
 115 60.8 42.7 128.1
 150 158.3 0.0 346.0

