

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121318\
 Data File : VU028653.D
 Acq On : 12 Dec 2018 15:34
 Operator : MD/SY
 Sample : J6343-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW29IR-20181209

Quant Time: Dec 13 00:48:53 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

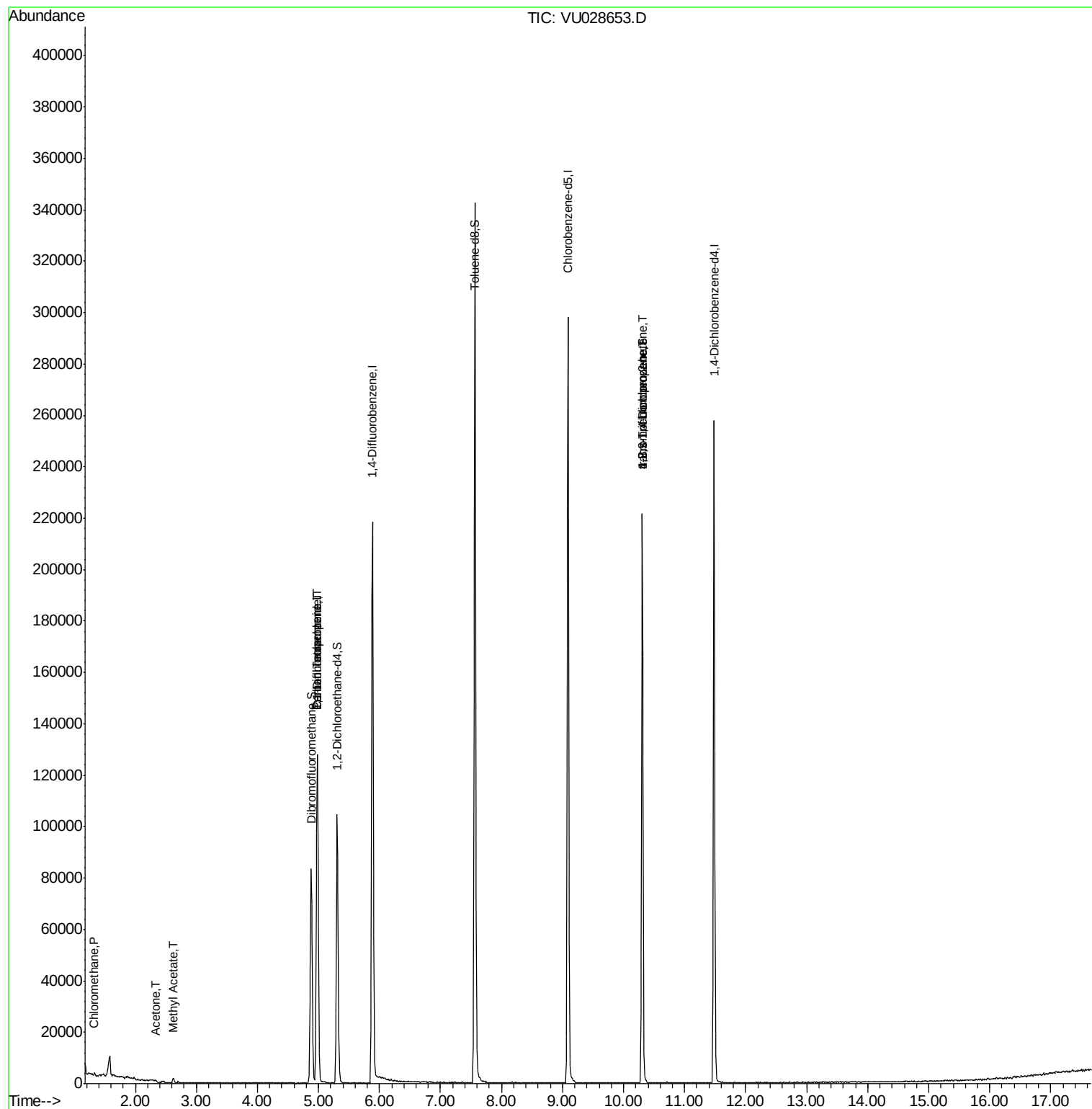
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	97802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	176351	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	159557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	64542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	77389	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	4.88	113	59105	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	7.57	98	226633	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	10.30	95	76136	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1295	0.537	ug/l #	88
16) Acetone	2.32	43	954	0.980	ug/l #	44
18) Methyl Acetate	2.62	43	2603	1.031	ug/l #	81
31) Cyclohexane	4.98	56	2252	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8235	4.267	ug/l #	50
38) Carbon Tetrachloride	4.98	117	9682	6.225	ug/l #	15
76) 1,2,3-Trichloropropane	10.31	75	38884	23.593	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	38884	57.924	ug/l #	100

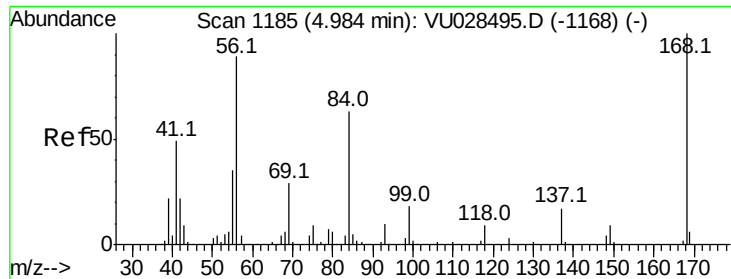
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121318\
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BP-HN-MW29IR-20181209

Quant Time: Dec 13 00:48:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028653.D

Acq: 12 Dec 2018 15:34

Instrument :

MSVOA_U

ClientSampleId :

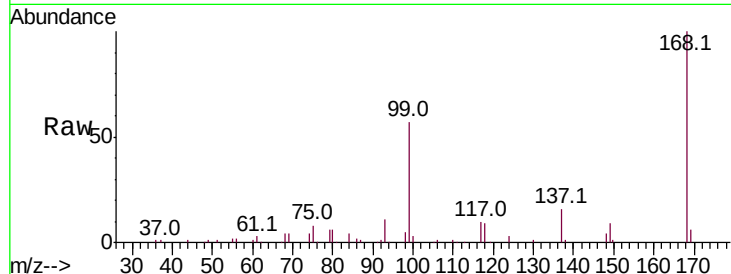
BP-HN-MW29IR-20181209

Tot Ion:168 Resp: 97802

Ion Ratio Lower Upper

168 100

99 56.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

50000

40000

30000

20000

10000

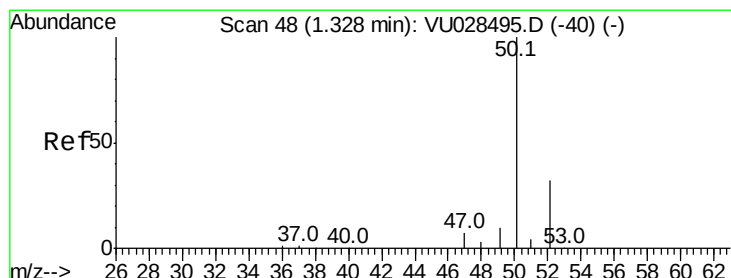
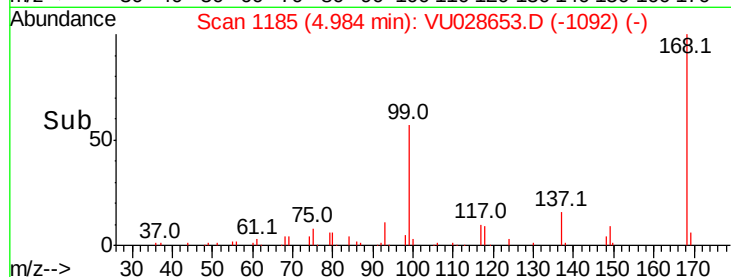
0

4.90

5.00

5.10

Time-->



#3

Chloromethane

Concen: 0.537 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028653.D

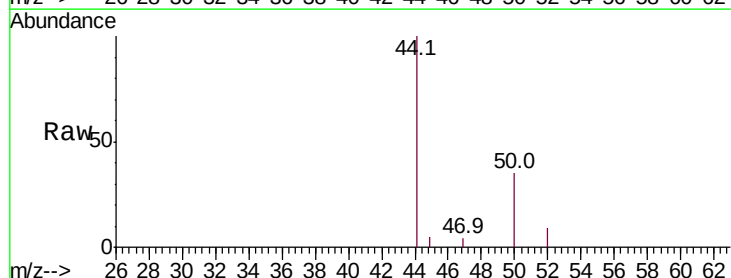
Acq: 12 Dec 2018 15:34

Tgt Ion: 50 Resp: 1295

Ion Ratio Lower Upper

50 100

52 25.1 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

1200

1000

800

600

400

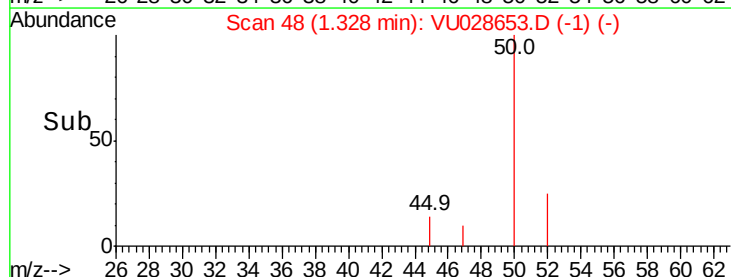
200

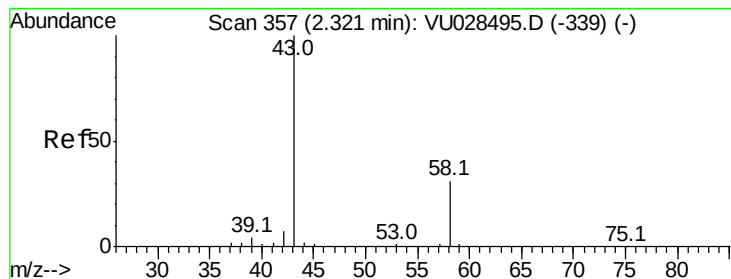
0

1.30

1.35

Time-->





#16

Acetone

Concen: 0.980 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028653.D

Acq: 12 Dec 2018 15:34

Instrument :

MSVOA_U

ClientSampleId :

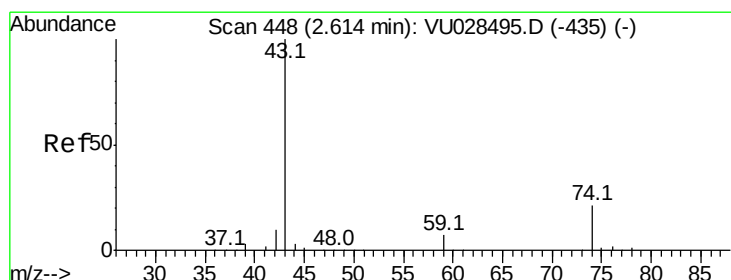
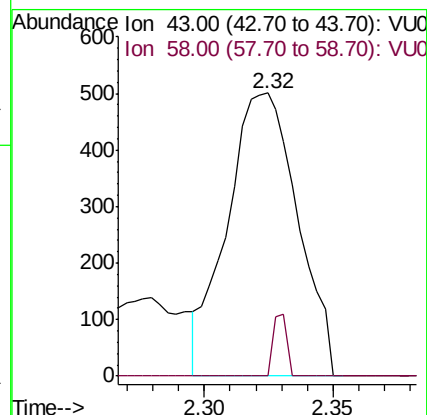
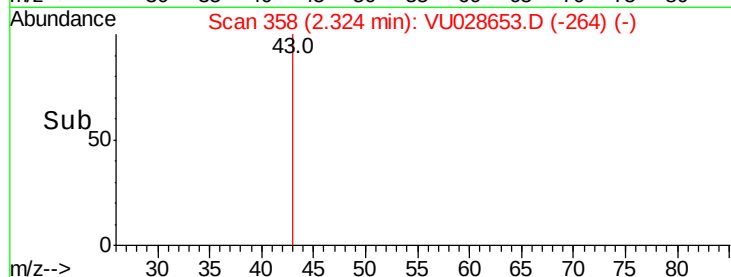
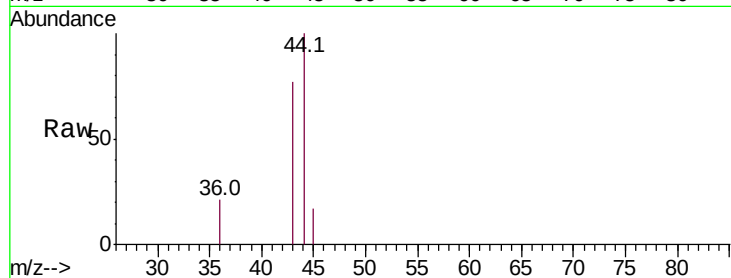
BP-HN-MW29IR-20181209

Tot Ion: 43 Resp: 954

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



#18

Methyl Acetate

Concen: 1.031 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028653.D

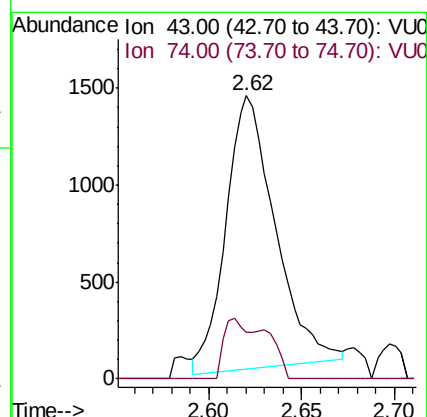
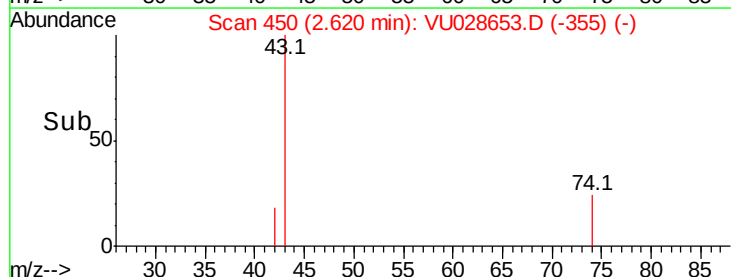
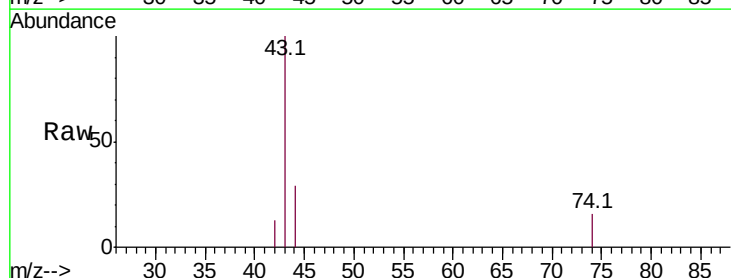
Acq: 12 Dec 2018 15:34

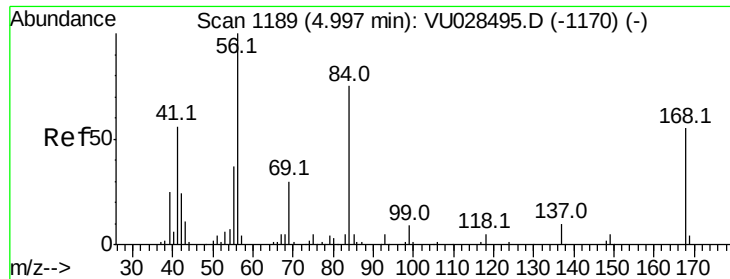
Tgt Ion: 43 Resp: 2603

Ion Ratio Lower Upper

43 100

74 11.6 16.4 24.6#

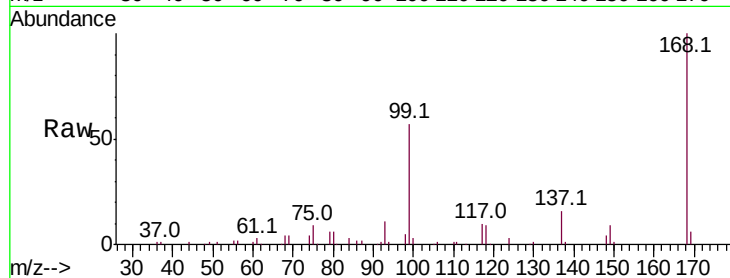




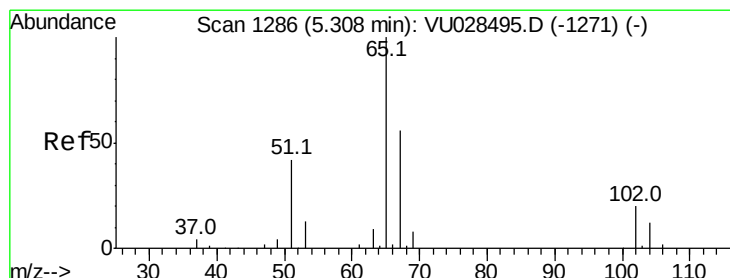
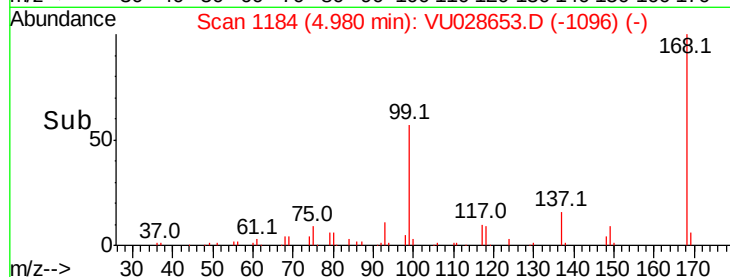
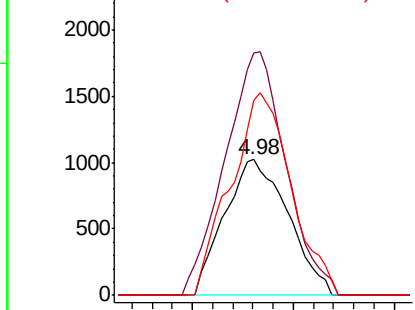
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028653.D
Acq: 12 Dec 2018 15:34

Instrument :
MSVOA_U
ClientSampleId :
BP-HN-MW29IR-20181209

Tot Ion: 56 Resp: 2252
Ion Ratio Lower Upper
56 100
69 179.1 24.0 36.0#
84 143.5 59.7 89.5#

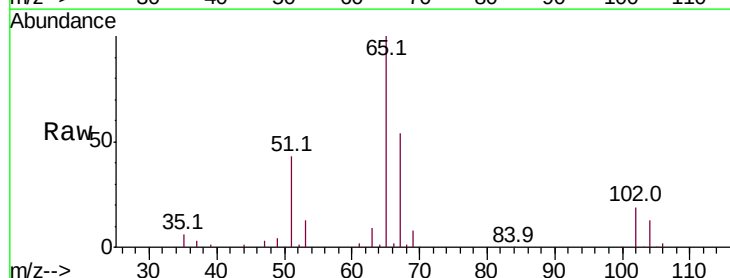


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

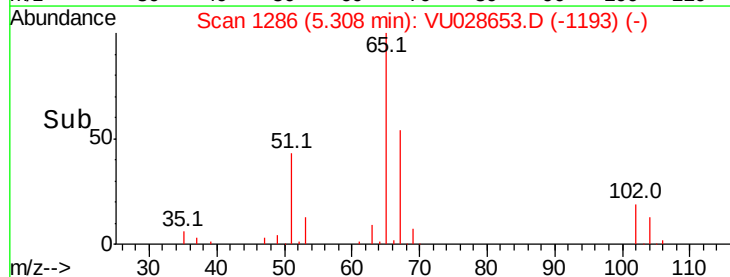
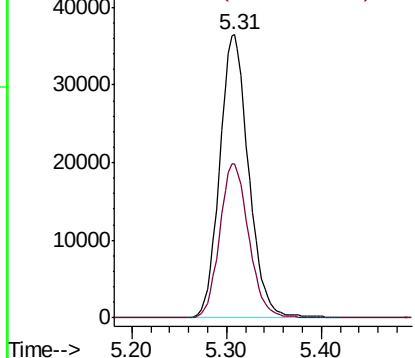


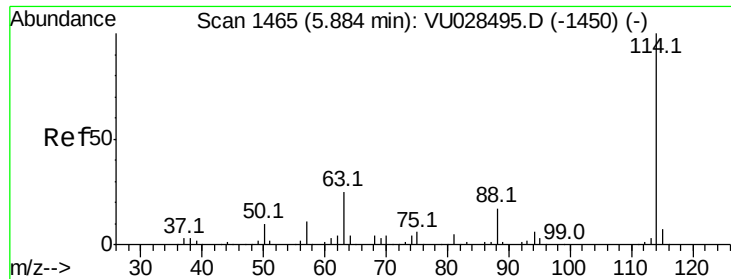
#33
1,2-Dichloroethane-d4
Concen: 51.851 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028653.D
Acq: 12 Dec 2018 15:34

Tgt Ion: 65 Resp: 77389
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

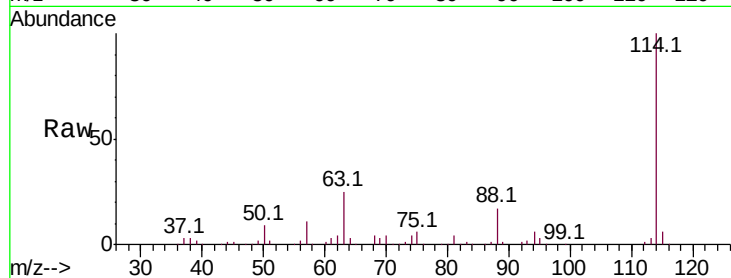




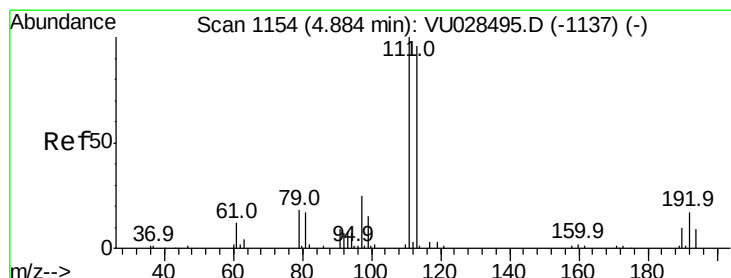
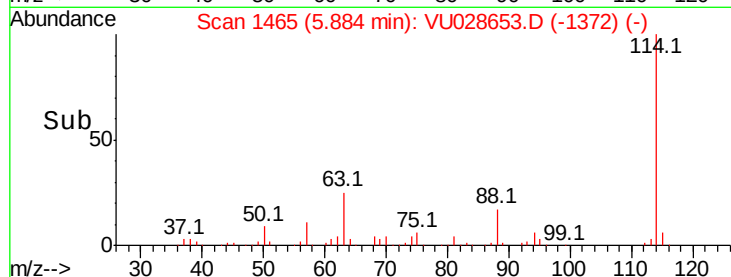
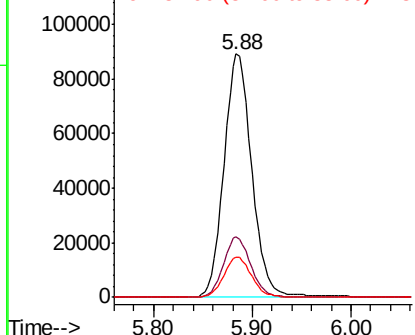
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028653.D
 Acq: 12 Dec 2018 15:34

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW29IR-20181209

Tot Ion:	114	Resp:	176351
Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	16.7	0.0	33.4

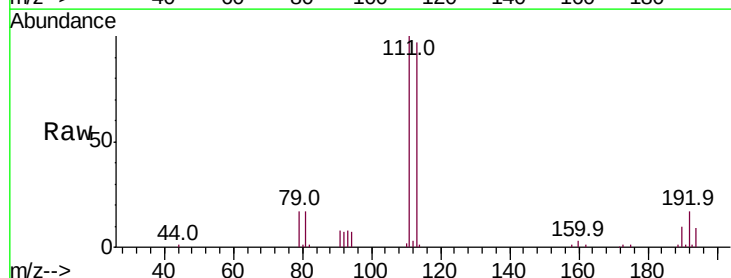


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

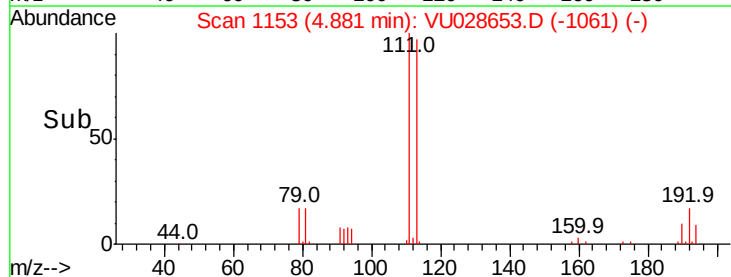
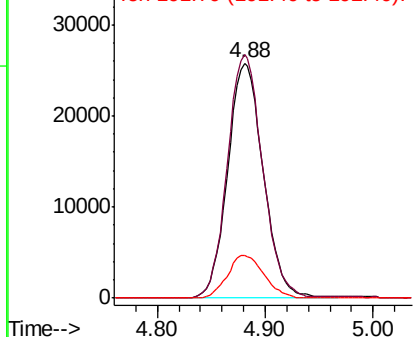


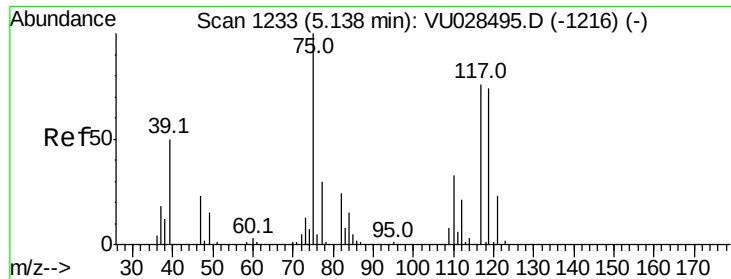
#35
 Dibromofluoromethane
 Concen: 53.258 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028653.D
 Acq: 12 Dec 2018 15:34

Tgt Ion:	113	Resp:	59105
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.0
192	18.6	14.8	22.2



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





#36

1,1-Dichloropropene

Concen: 4.267 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028653.D

Acq: 12 Dec 2018 15:34

Instrument :

MSVOA_U

ClientSampleId :

BP-HN-MW29IR-20181209

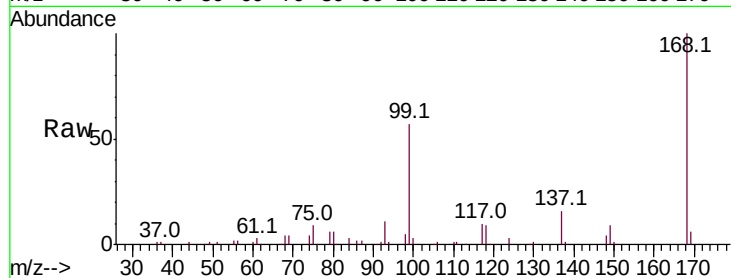
Tot Ion: 75 Resp: 8235

Ion Ratio Lower Upper

75 100

110 7.0 16.1 48.2#

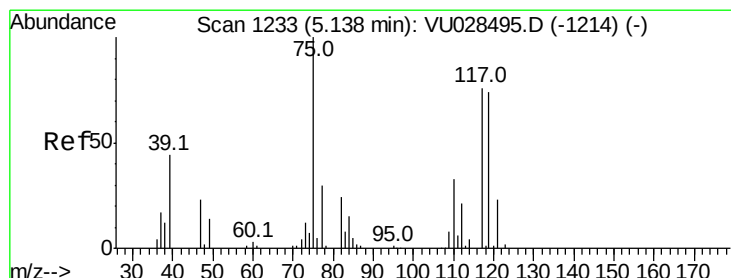
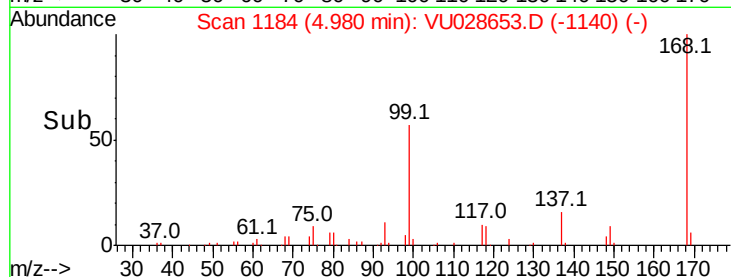
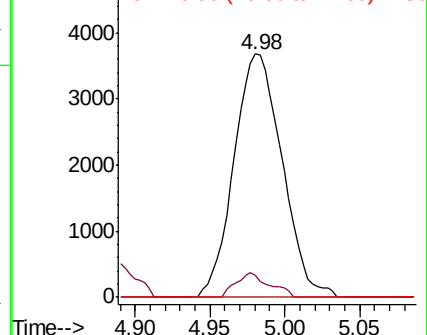
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0



#38

Carbon Tetrachloride

Concen: 6.225 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028653.D

Acq: 12 Dec 2018 15:34

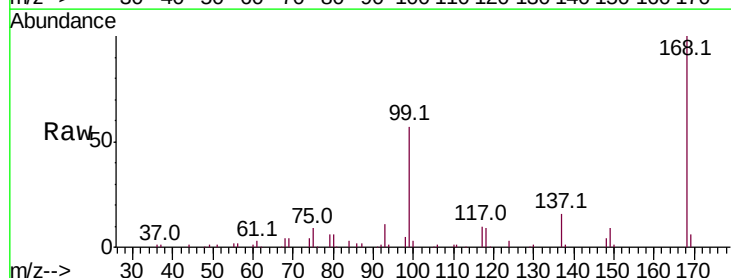
Tgt Ion: 117 Resp: 9682

Ion Ratio Lower Upper

117 100

119 4.5 77.6 116.4#

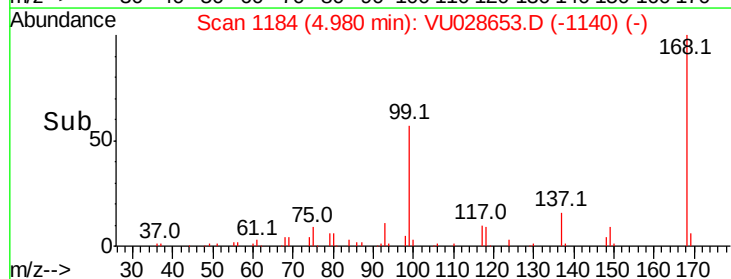
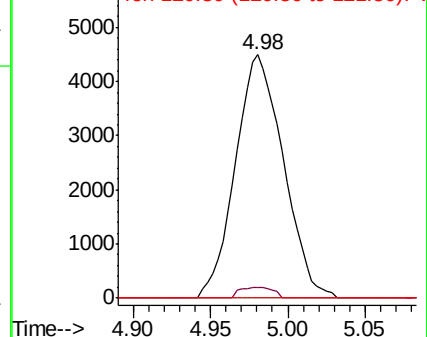
121 0.0 24.6 36.8#

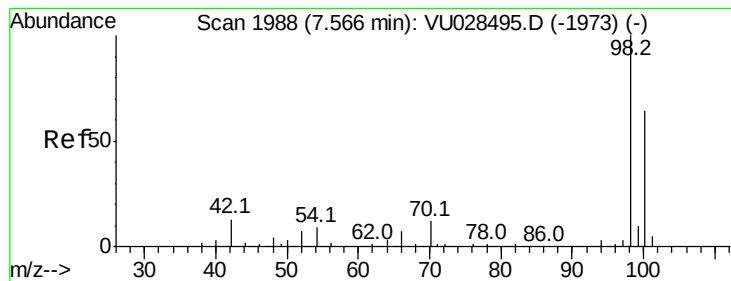


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.623 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028653.D

Acq: 12 Dec 2018 15:34

Instrument :

MSVOA_U

ClientSampleId :

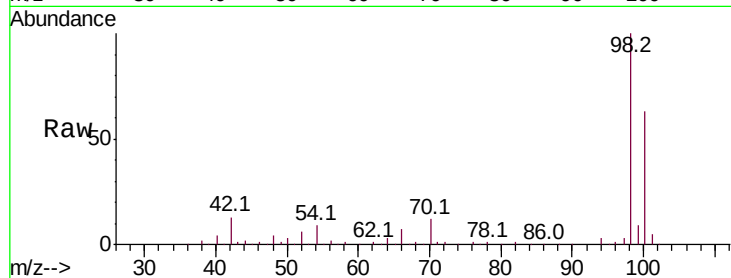
BP-HN-MW29IR-20181209

Tot Ion: 98 Resp: 226633

Ion Ratio Lower Upper

98 100

100 62.8 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) (-)

7.57

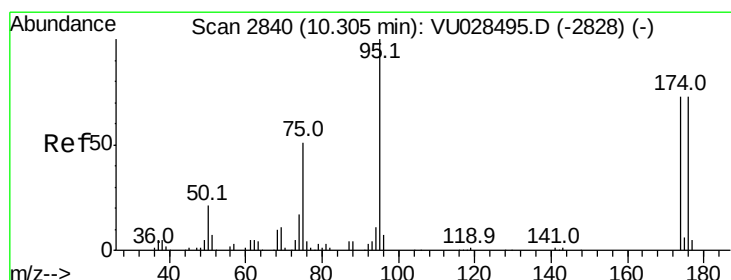
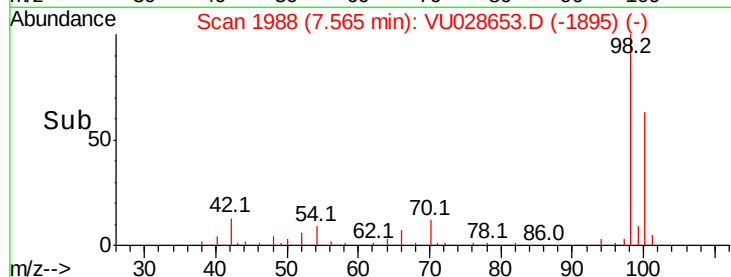
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.400 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028653.D

Acq: 12 Dec 2018 15:34

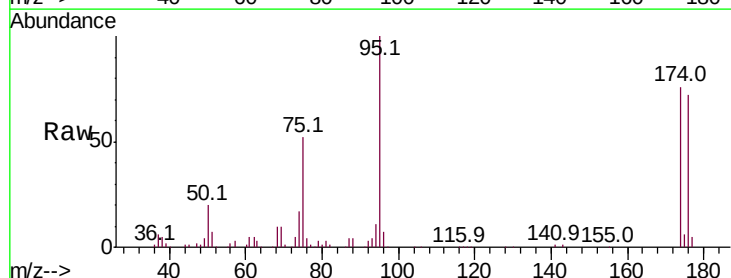
Tgt Ion: 95 Resp: 76136

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.4

176 73.3 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) (-)

10.30

60000

50000

40000

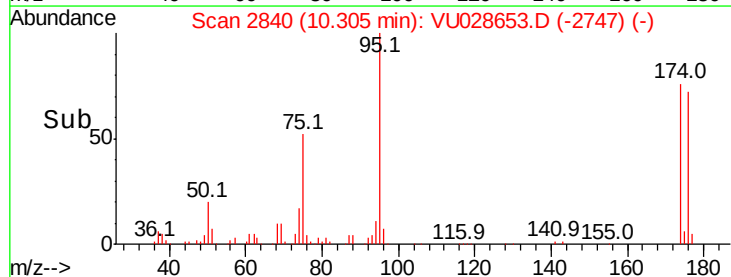
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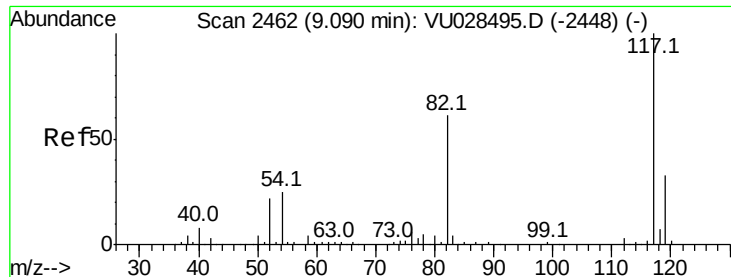
20000

10000

0

Time-->

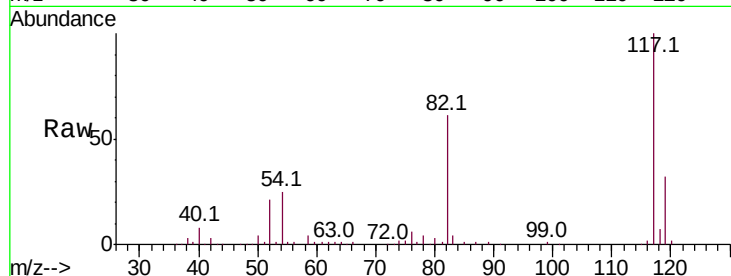




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028653.D
Acq: 12 Dec 2018 15:34

Instrument :
MSVOA_U
ClientSampleId :
BP-HN-MW29IR-20181209

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	48.9	73.3
119	32.3	26.2	39.4

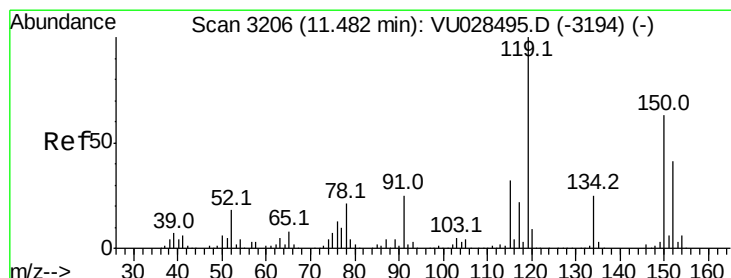
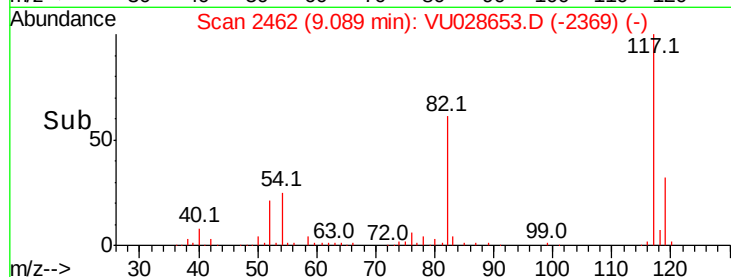
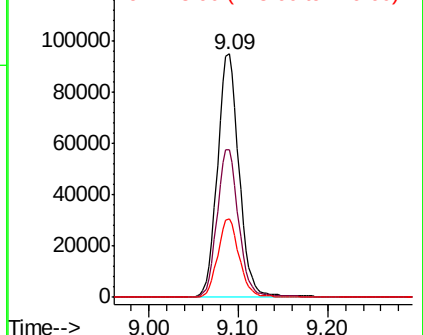


Abundance

Ion 116.90 (116.60 to 117.60): V

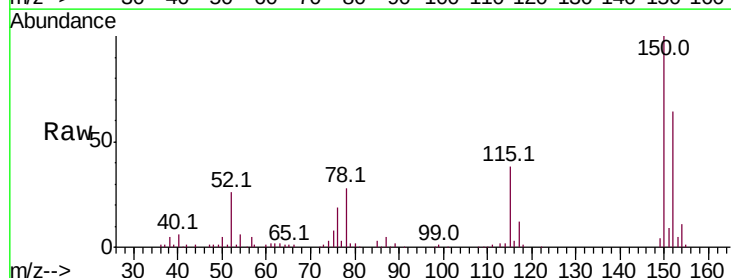
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): 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: VU028653.D
Acq: 12 Dec 2018 15:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	42.7	128.1
150	155.4	0.0	346.0

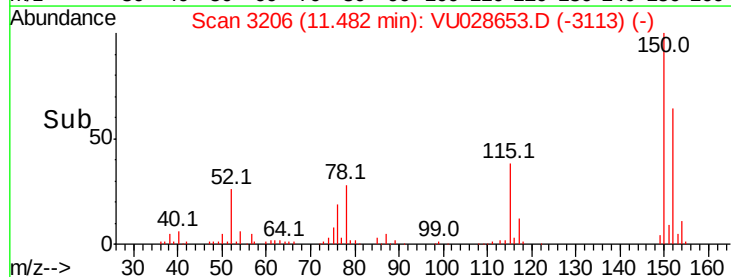
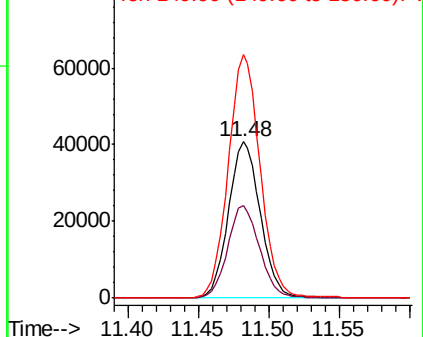


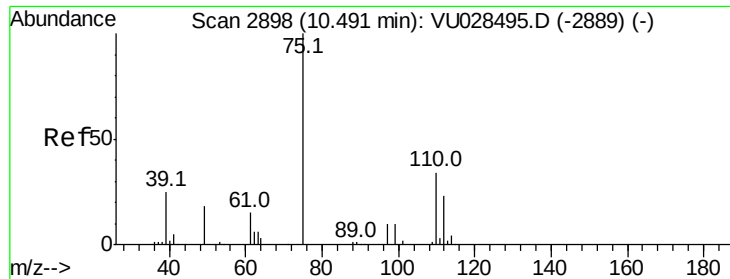
Abundance

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





#76

1,2,3-Trichloropropane

Concen: 23.593 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.18 min

Lab File: VU028653.D

Acq: 12 Dec 2018 15:34

Instrument :

MSVOA_U

ClientSampleId :

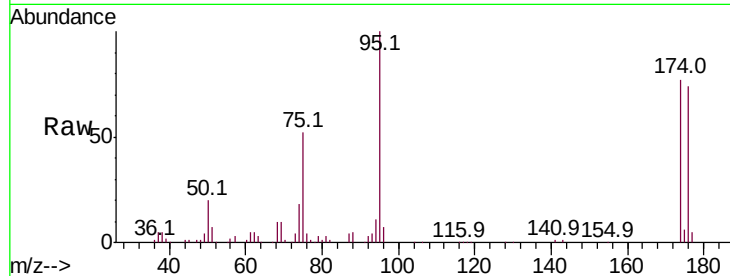
BP-HN-MW29IR-20181209

Tot Ion: 75 Resp: 38884

Ion Ratio Lower Upper

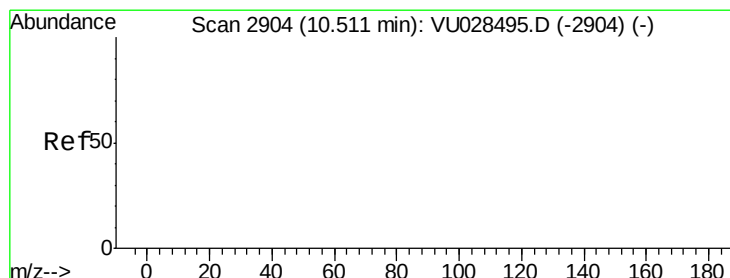
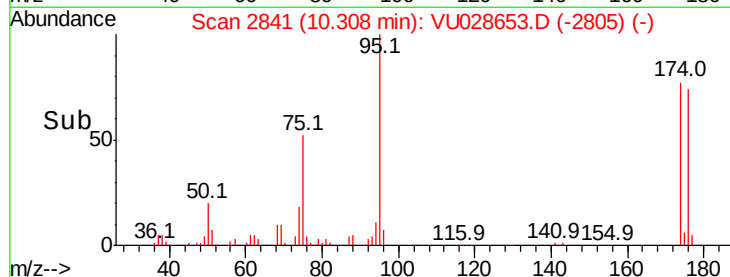
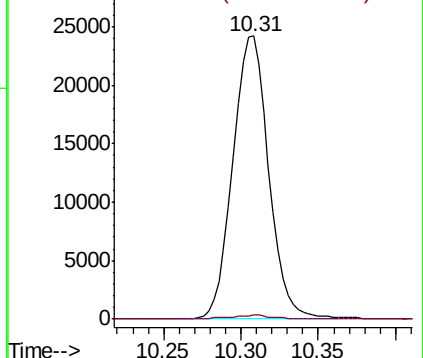
75 100

77 1.5 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#81

trans-1,4-Dichloro-2-butene

Concen: 57.924 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU028653.D

Acq: 12 Dec 2018 15:34

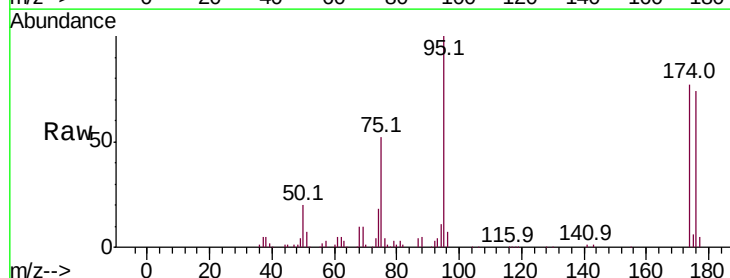
Tgt Ion: 75 Resp: 38884

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

