

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028654.D
 Acq On : 12 Dec 2018 15:58
 Operator : MD/SY
 Sample : J6343-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW29D-20181209

Quant Time: Dec 13 03:07:19 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

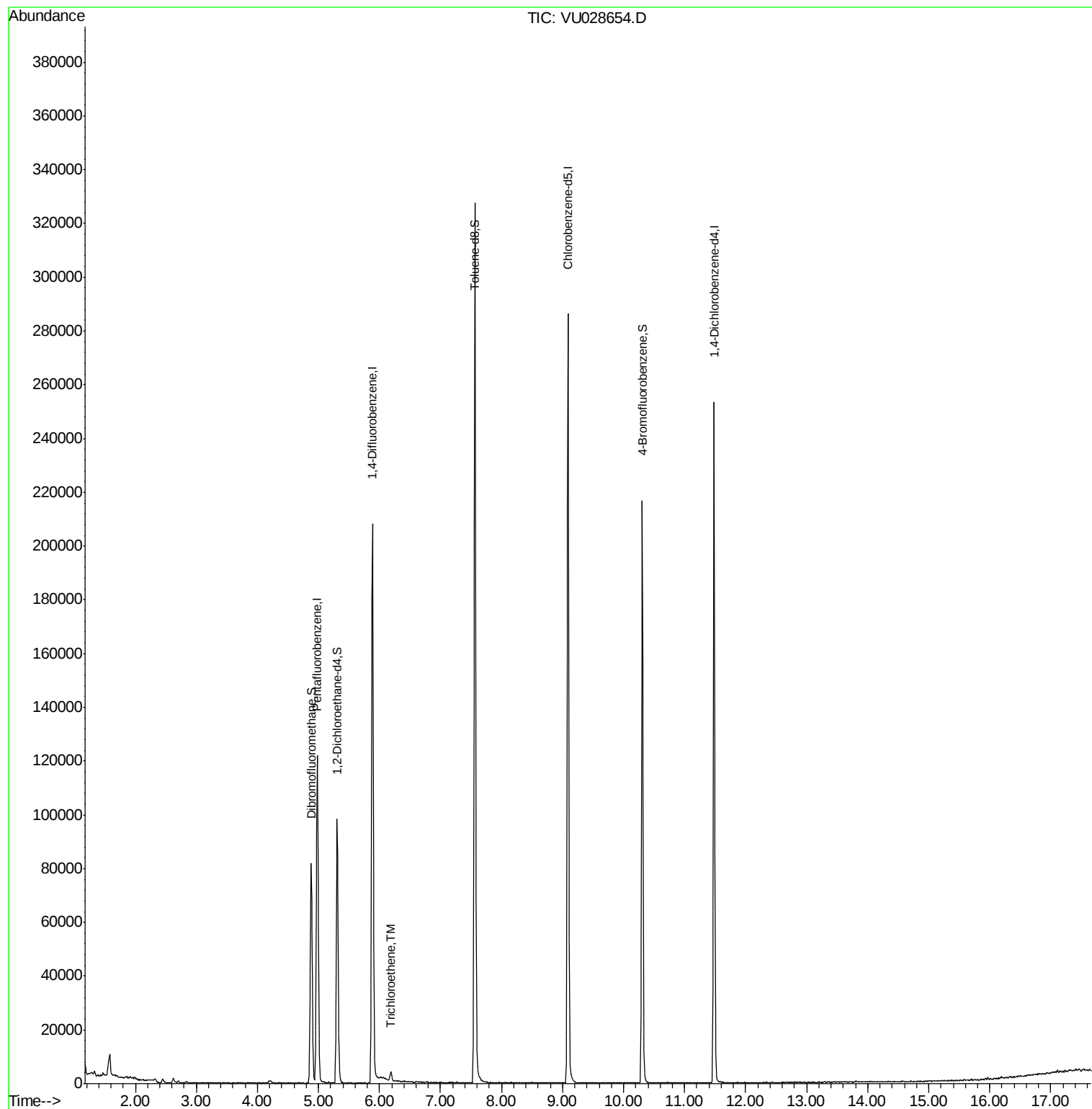
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	92214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	168539	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	153487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	62261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75405	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
35) Dibromofluoromethane	4.88	113	55891	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
50) Toluene-d8	7.56	98	216587	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	10.30	95	72854	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
Target Compounds						
44) Trichloroethene	6.19	130	1142	0.946	ug/l	Qvalue 89

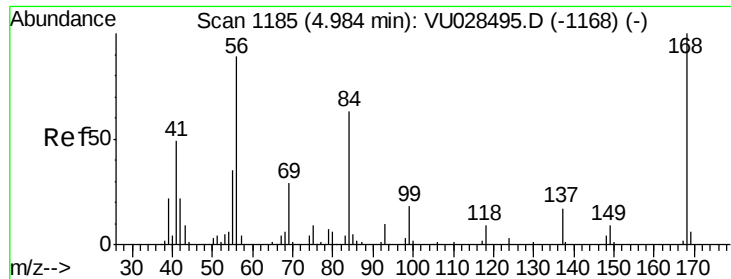
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028654.D

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Instrument :

MSVOA_U

ClientSampleId :

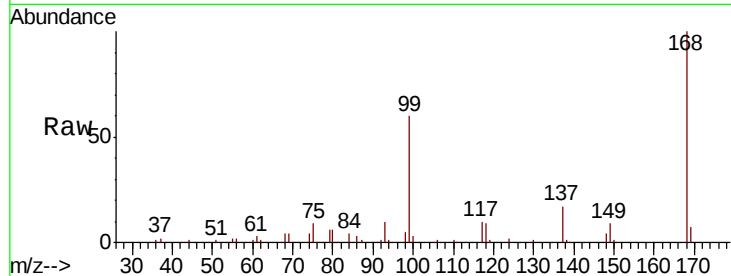
BP-HN-MW29D-20181209

Tot Ion:168 Resp: 92214

Ion Ratio Lower Upper

168 100

99 60.2 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

40000

30000

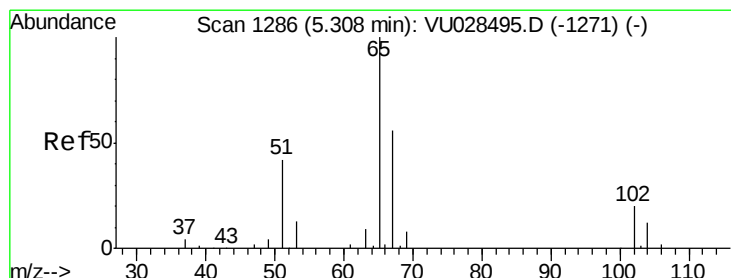
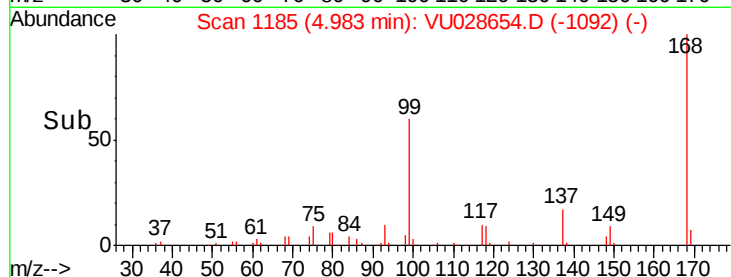
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.583 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028654.D

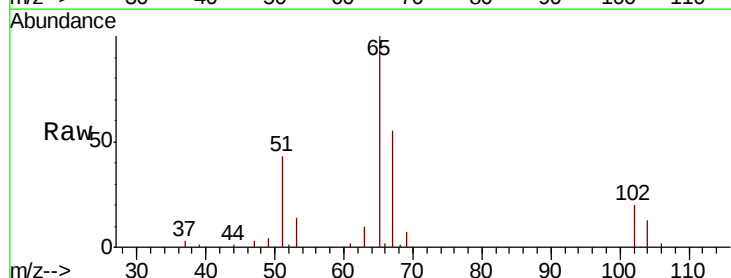
Acq: 12 Dec 2018 15:58

Tgt Ion: 65 Resp: 75405

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

40000

30000

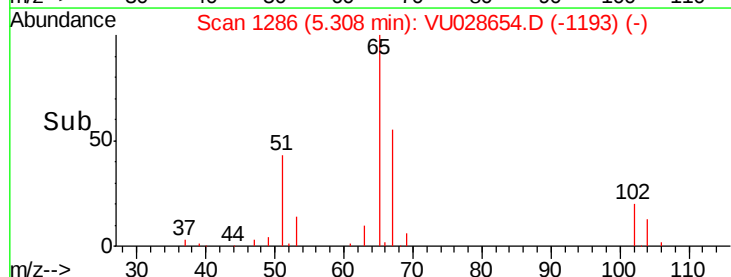
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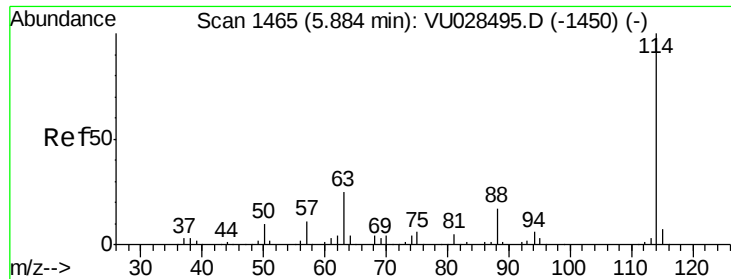
10000

0

5.20 5.30 5.40

Time-->

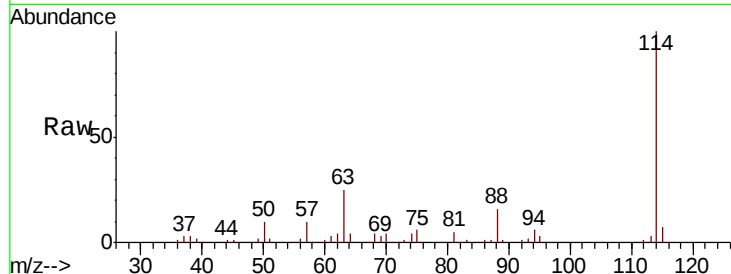




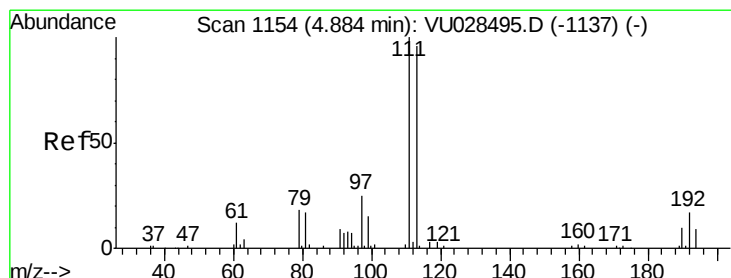
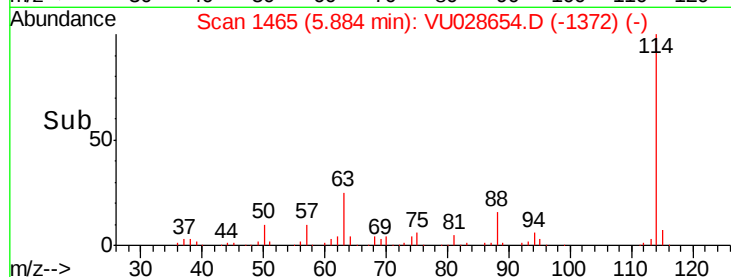
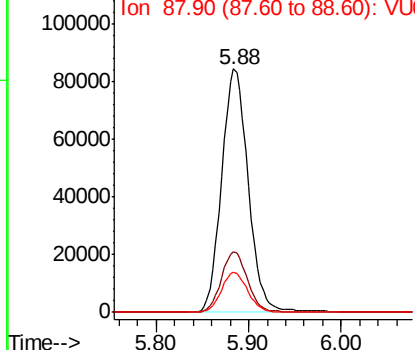
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028654.D
 Acq: 12 Dec 2018 15:58

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW29D-20181209

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	49.2
88	16.3	0.0	33.4

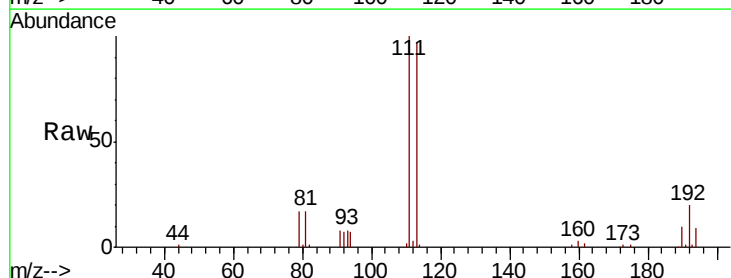


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

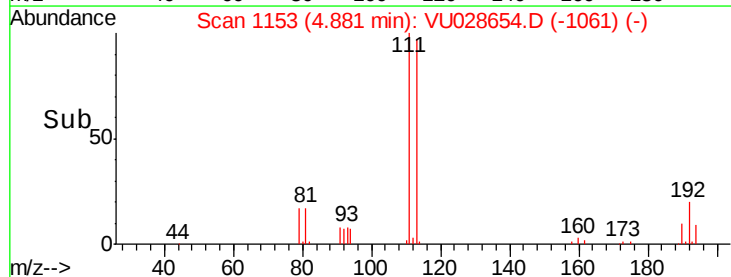
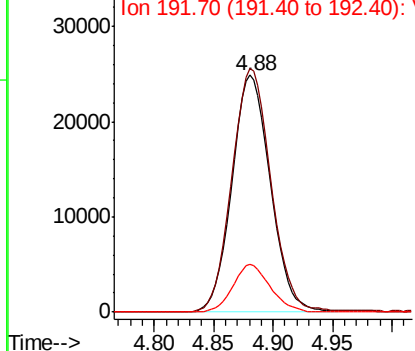


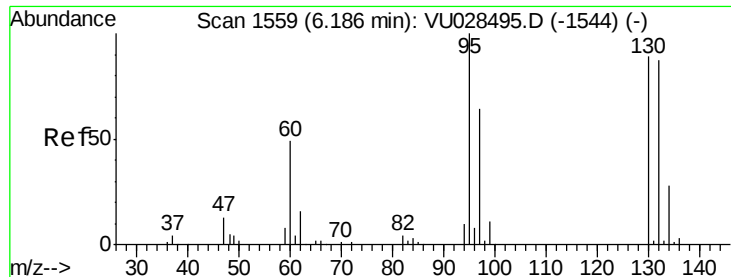
#35
 Dibromofluoromethane
 Concen: 52.696 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028654.D
 Acq: 12 Dec 2018 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.0
192	19.3	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





#44

Trichloroethene

Concen: 0.946 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028654.D

Acq: 12 Dec 2018 15:58

Instrument :

MSVOA_U

ClientSampleId :

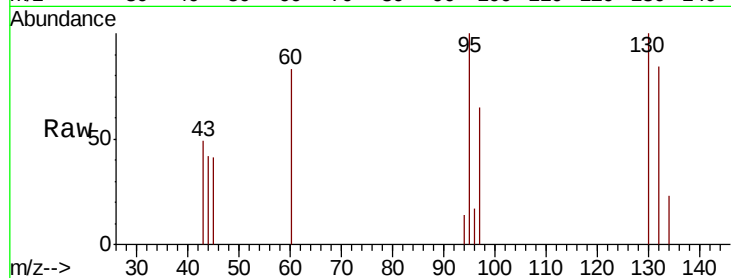
BP-HN-MW29D-20181209

Tot Ion:130 Resp: 1142

Ion Ratio Lower Upper

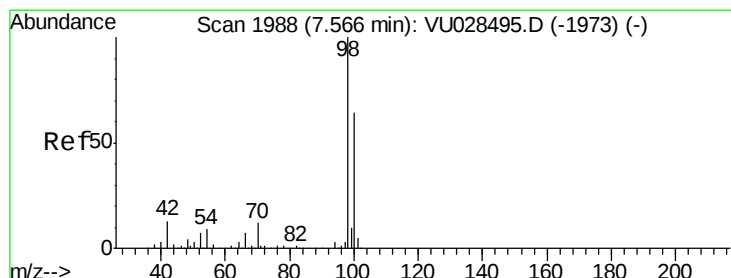
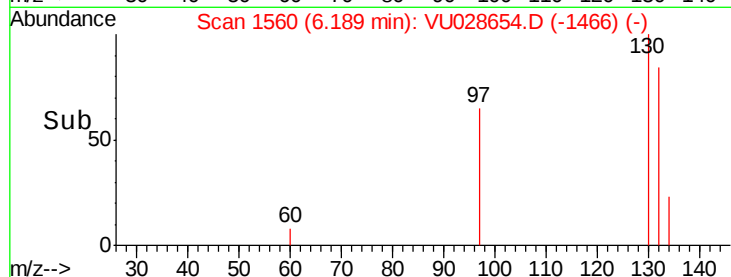
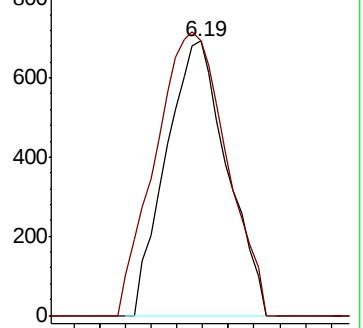
130 100

95 100.3 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 51.622 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028654.D

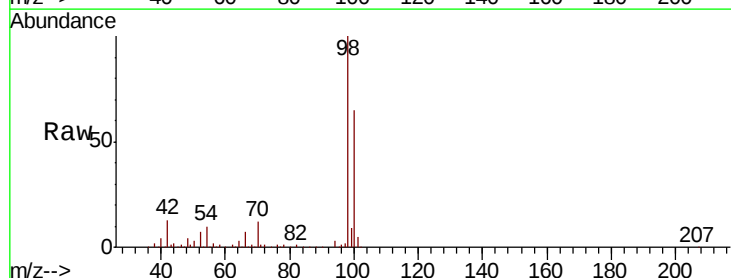
Acq: 12 Dec 2018 15:58

Tgt Ion: 98 Resp: 216587

Ion Ratio Lower Upper

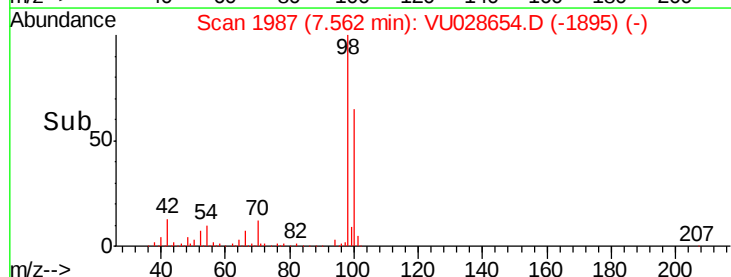
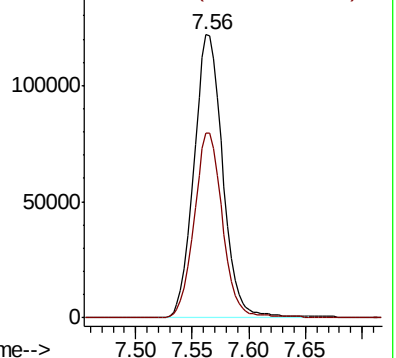
98 100

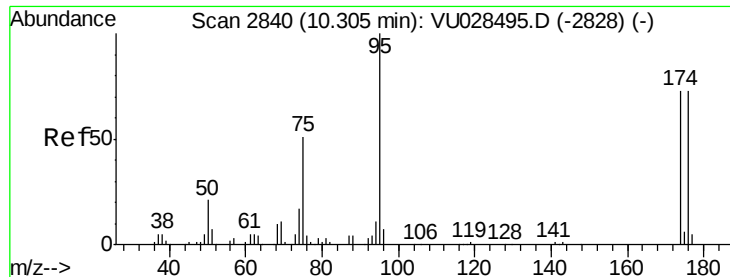
100 64.6 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 46.458 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028654.D

Acq: 12 Dec 2018 15:58

Instrument :

MSVOA_U

ClientSampleId :

BP-HN-MW29D-20181209

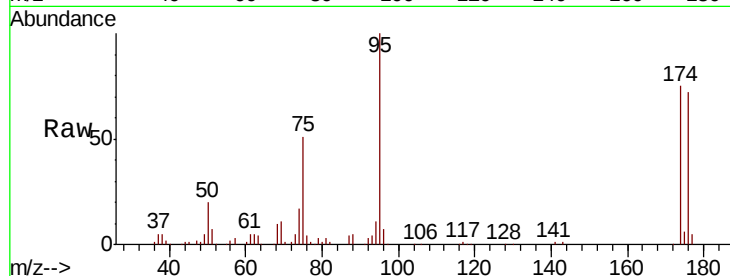
Tot Ion: 95 Resp: 72854

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.4

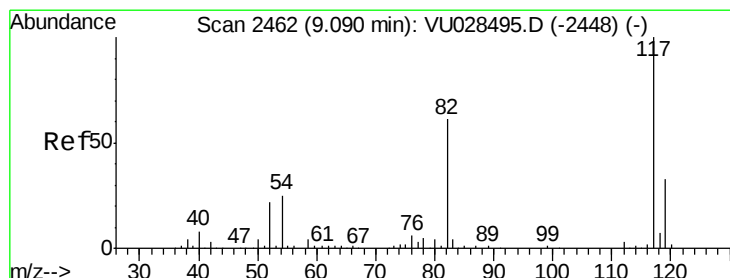
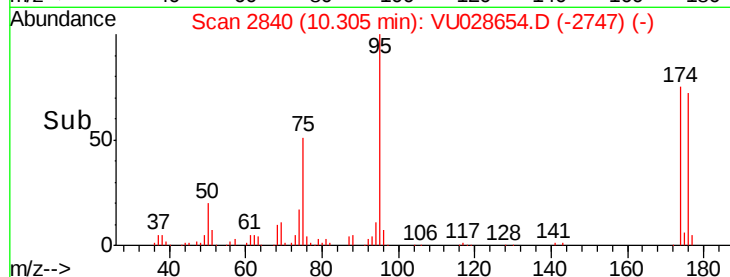
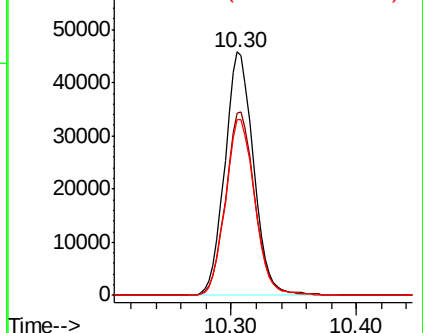
176 73.5 0.0 145.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028654.D

Acq: 12 Dec 2018 15:58

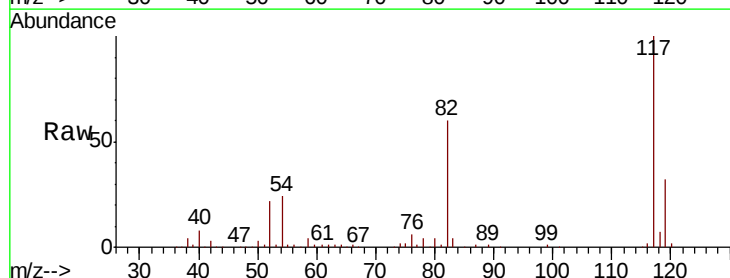
Tgt Ion: 117 Resp: 153487

Ion Ratio Lower Upper

117 100

82 59.8 48.9 73.3

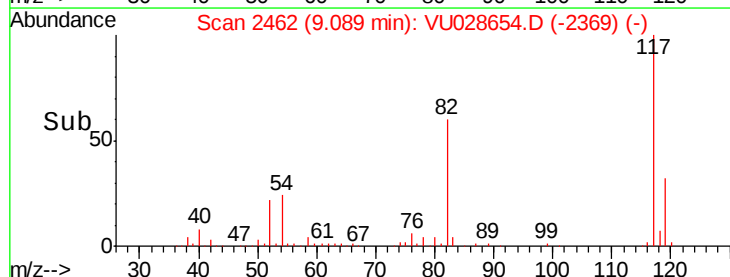
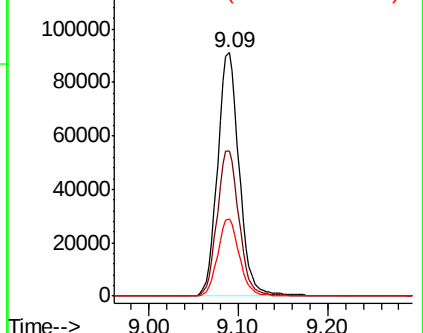
119 31.5 26.2 39.4

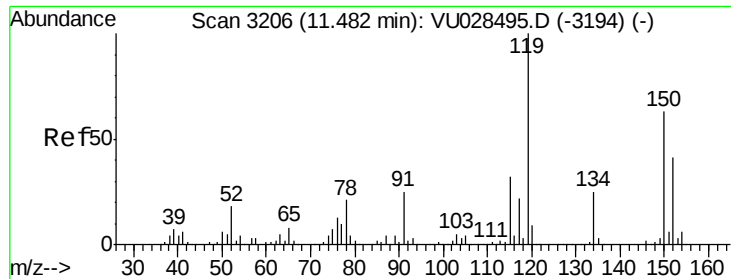


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028654.D
 Acq: 12 Dec 2018 15:58

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-HN-MW29D-20181209

Tot Ion:152 Resp: 62261
 Ion Ratio Lower Upper
 152 100
 115 60.0 42.7 128.1
 150 155.0 0.0 346.0

