

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028696.D
 Acq On : 14 Dec 2018 20:28
 Operator : MD/SY
 Sample : J6393-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16-53A_R1

Quant Time: Dec 15 02:11:48 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

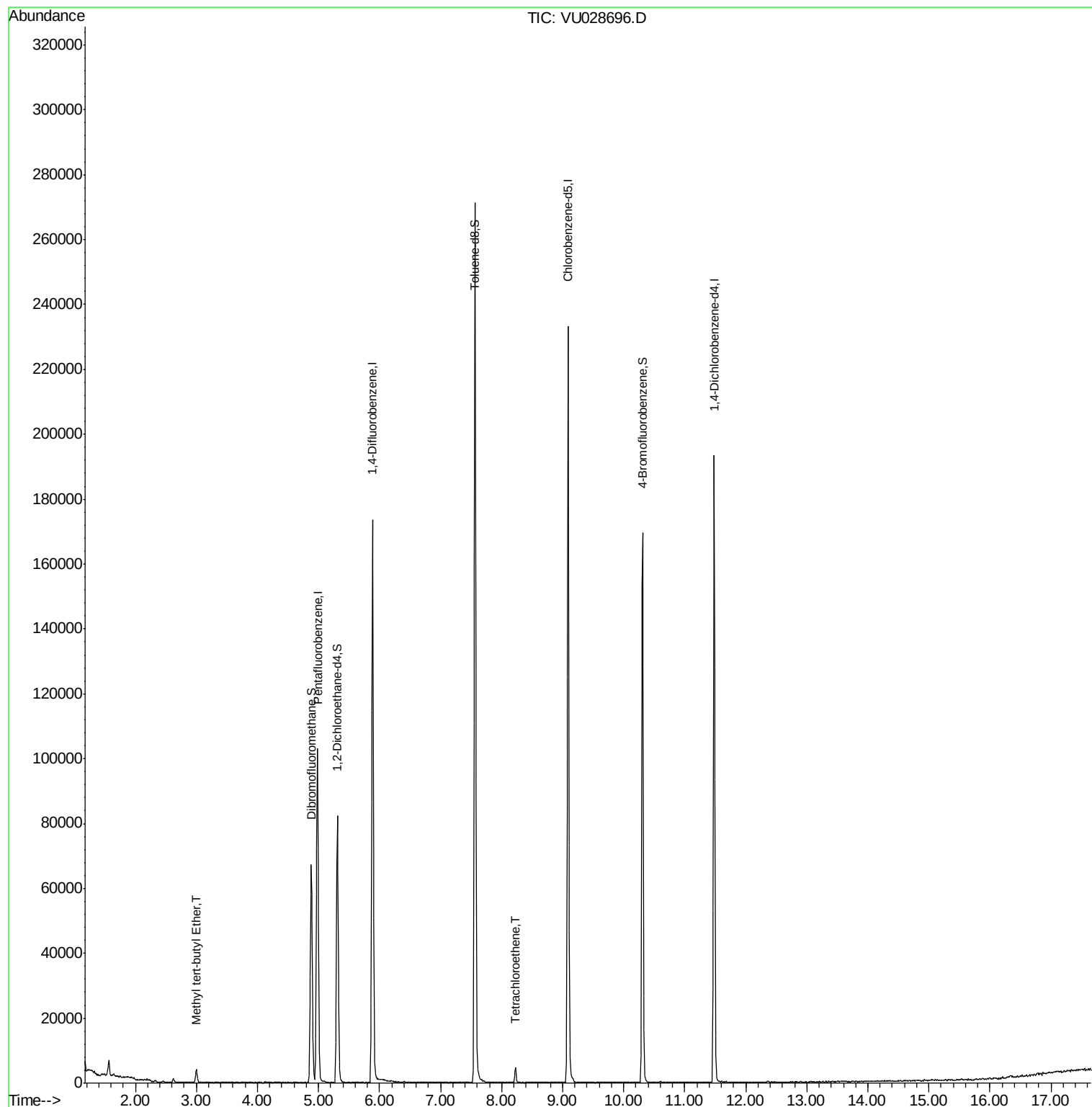
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	75770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	138164	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	121318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	47448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	64502	55.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.56%	
35) Dibromofluoromethane	4.88	113	46259	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
50) Toluene-d8	7.57	98	174452	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	10.31	95	56154	43.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.36%	
Target Compounds						
19) Methyl tert-butyl Ether	3.00	73	3998	1.250	ug/l	91
64) Tetrachloroethene	8.23	164	1054	1.302	ug/l	89

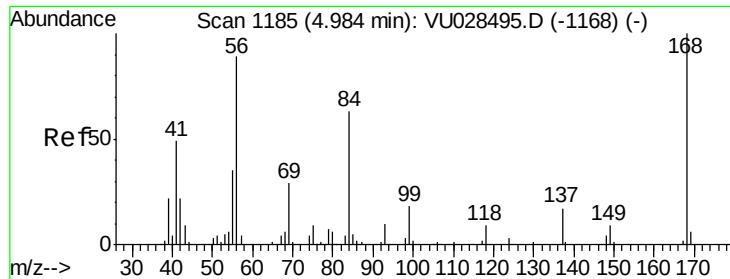
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028696.D

Acq: 14 Dec 2018 20:28

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MSVOA_U

ClientSampleId :

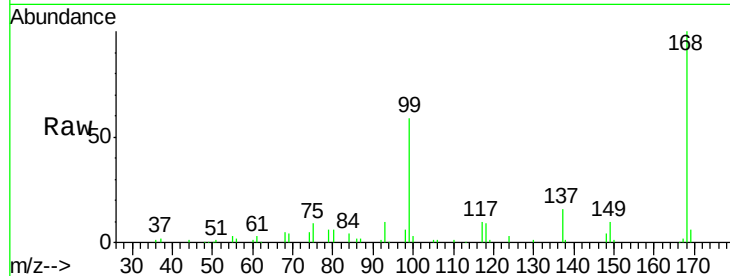
MW-16-53A_R1

Tgt Ion:168 Resp: 75770

Ion Ratio Lower Upper

168 100

99 59.4 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

30000

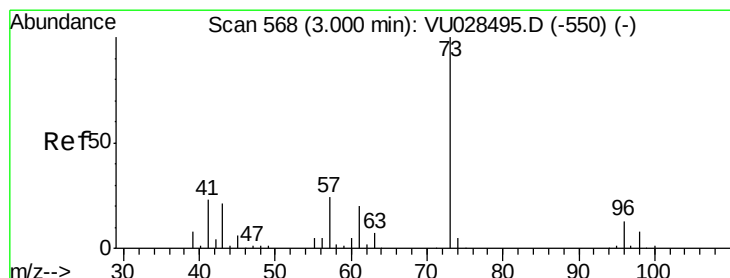
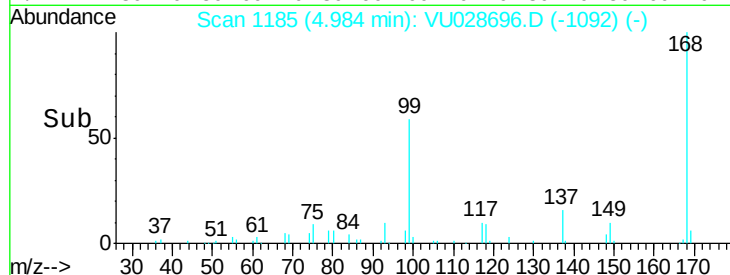
20000

10000

0

4.90 5.00 5.10

Time-->



#19

Methyl tert-butyl Ether

Concen: 1.250 ug/l

RT: 3.00 min Scan# 567

Delta R.T. -0.00 min

Lab File: VU028696.D

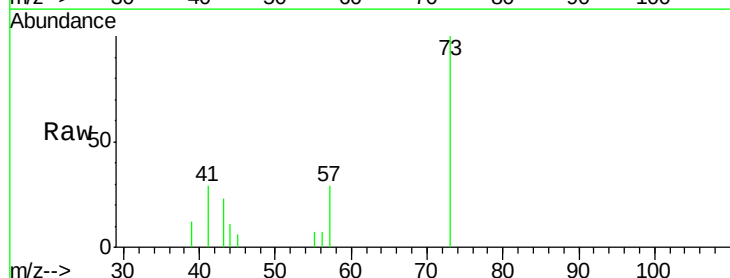
Acq: 14 Dec 2018 20:28

Tgt Ion: 73 Resp: 3998

Ion Ratio Lower Upper

73 100

57 28.6 19.4 29.2



Abundance Ion 73.00 (72.70 to 73.70): VU028495.D (-550) (-)

Ion 57.00 (56.70 to 57.70): VU028495.D (-550) (-)

3.00

2000

1500

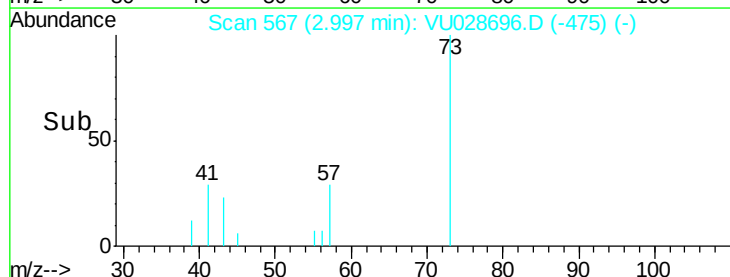
1000

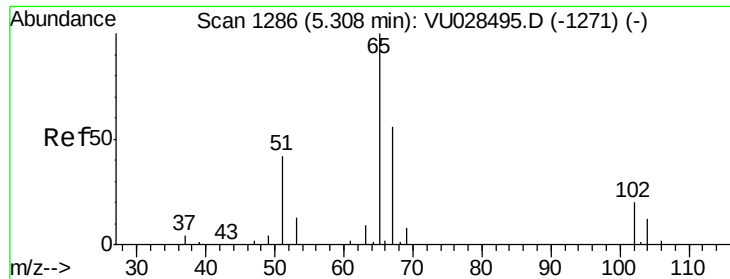
500

0

2.95 3.00 3.05

Time-->

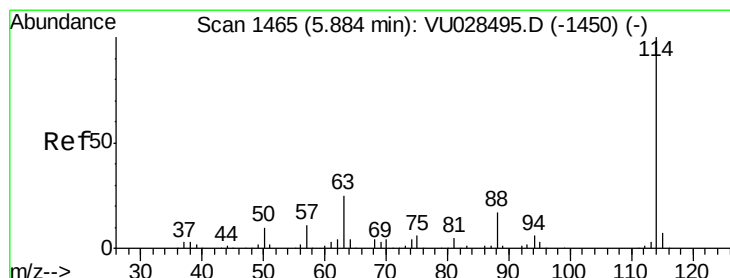
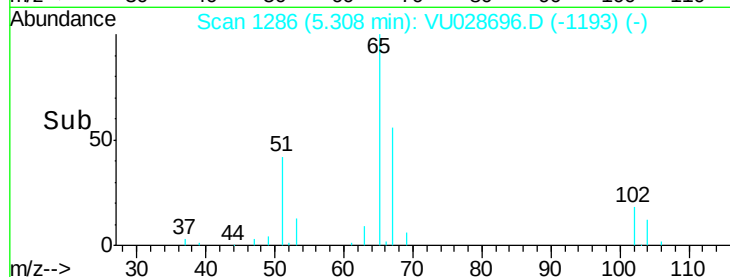
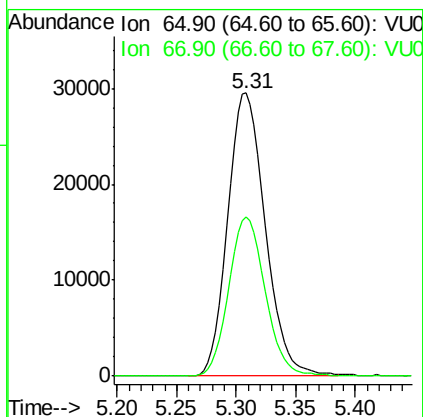
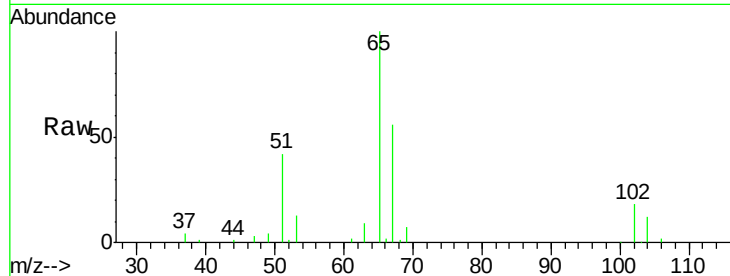




#33
 1,2-Dichloroethane-d4
 Concen: 55.783 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028696.D
 Acq: 14 Dec 2018 20:28

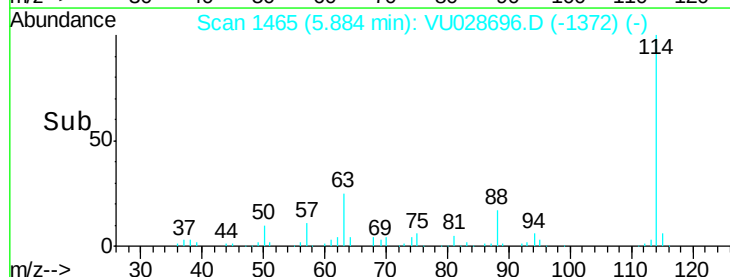
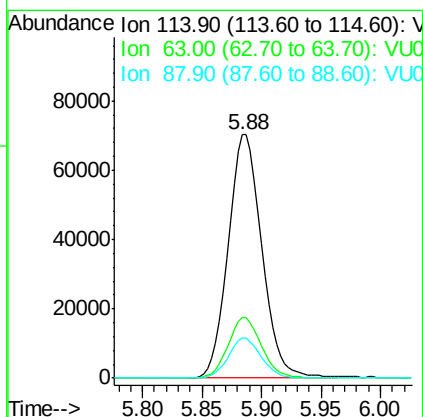
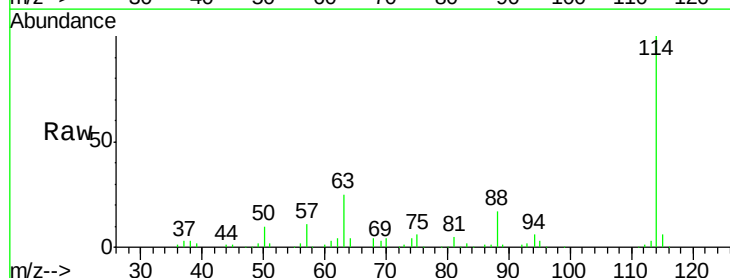
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16-53A_R1

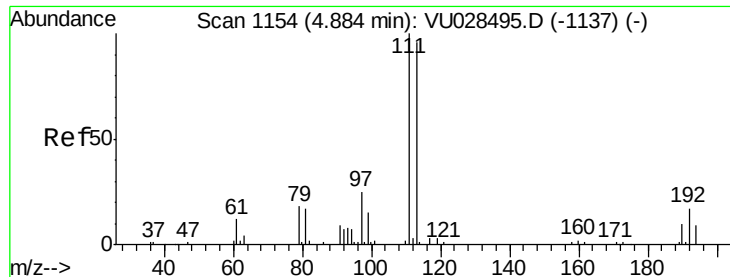
Tgt Ion: 65 Resp: 64502
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028696.D
 Acq: 14 Dec 2018 20:28

Tgt Ion: 114 Resp: 138164
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.5 0.0 33.4

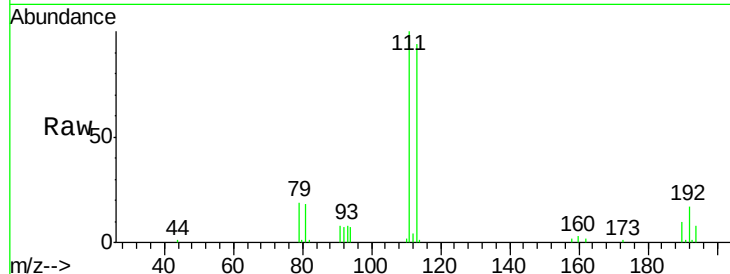




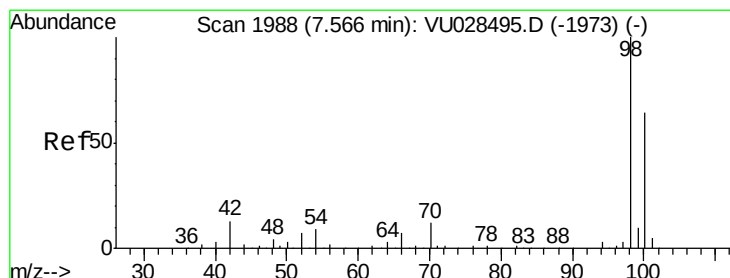
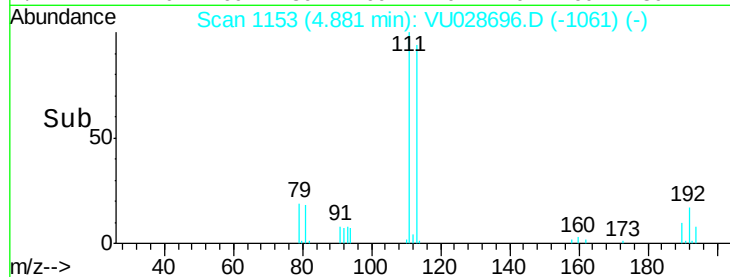
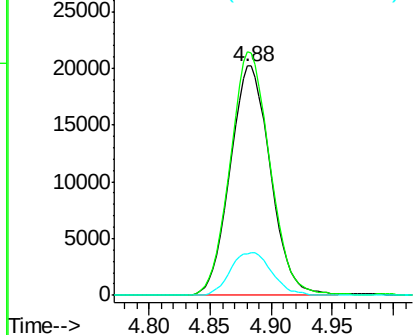
#35
 Dibromofluoromethane
 Concen: 53.203 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028696.D
 Acq: 14 Dec 2018 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-16-53A_R1

Tgt Ion: 113 Resp: 46259
 Ion Ratio Lower Upper
 113 100
 111 105.1 83.4 125.0
 192 19.1 14.8 22.2

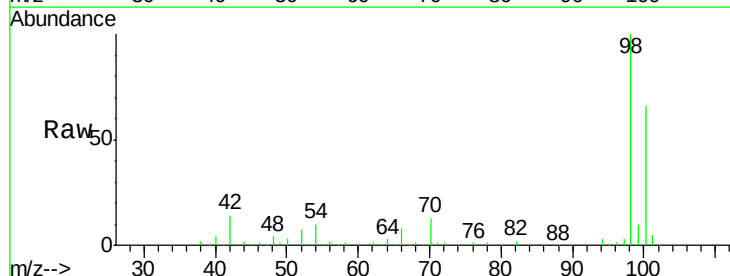


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

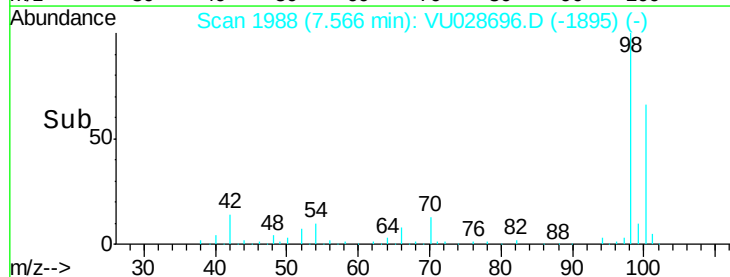
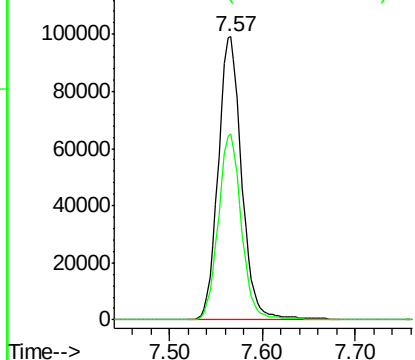


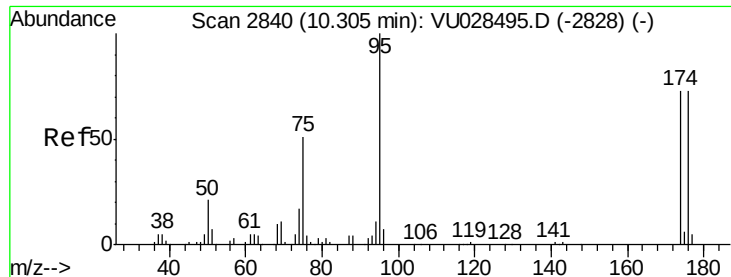
#50
 Toluene-d8
 Concen: 50.720 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VU028696.D
 Acq: 14 Dec 2018 20:28

Tgt Ion: 98 Resp: 174452
 Ion Ratio Lower Upper
 98 100
 100 64.3 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: 43.681 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028696.D

Acq: 14 Dec 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

MW-16-53A_R1

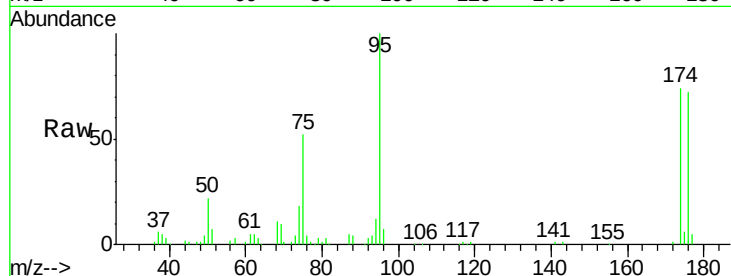
Tgt Ion: 95 Resp: 56154

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.4

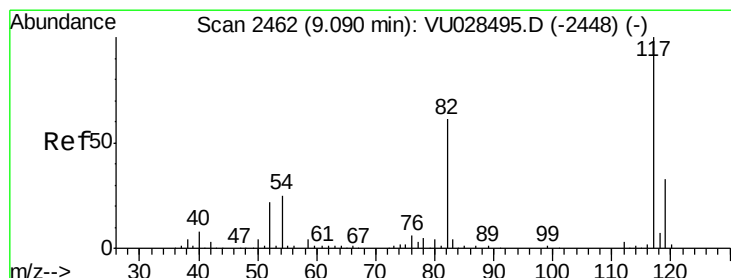
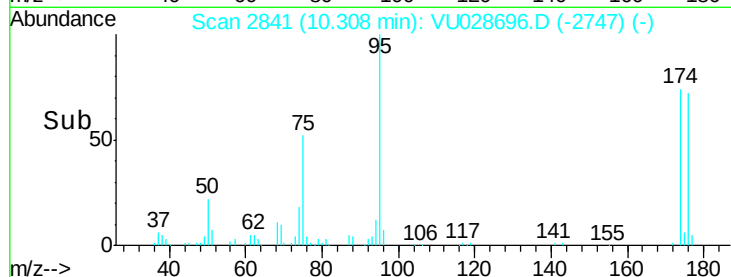
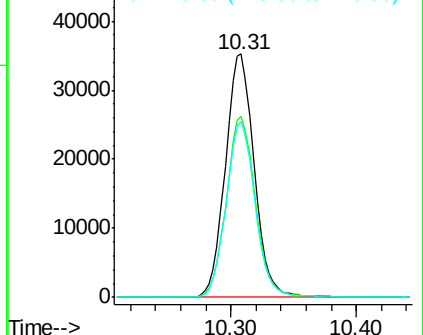
176 72.5 0.0 145.2



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: VU028696.D

Acq: 14 Dec 2018 20:28

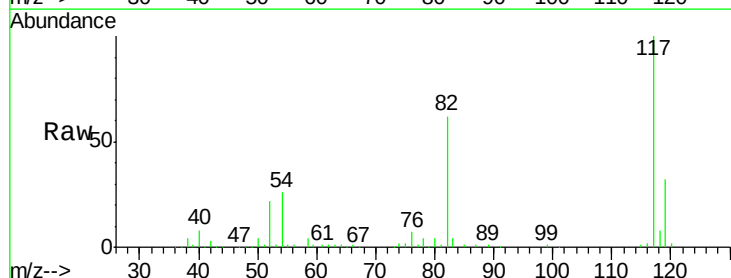
Tgt Ion: 117 Resp: 121318

Ion Ratio Lower Upper

117 100

82 61.7 48.9 73.3

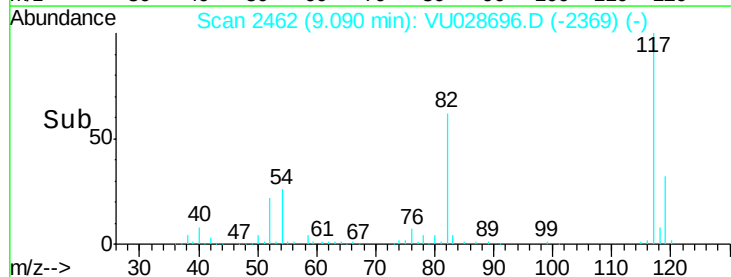
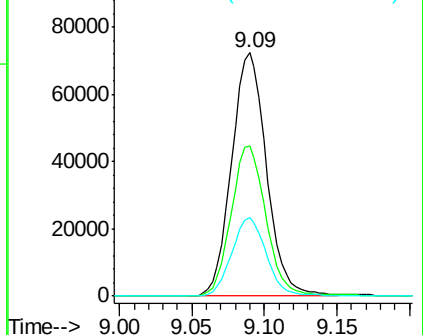
119 32.3 26.2 39.4

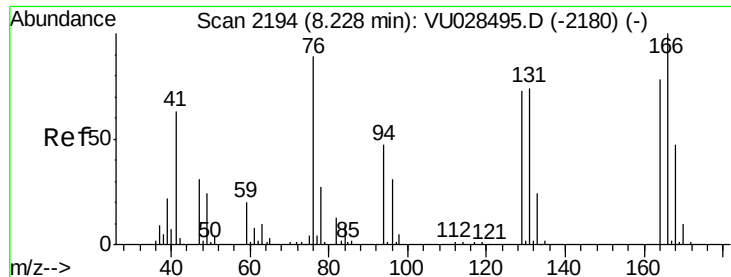


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

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

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





#64

Tetrachloroethene

Concen: 1.302 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU028696.D

Acq: 14 Dec 2018 20:28

Instrument :

MSVOA_U

ClientSampleId :

MW-16-53A_R1

Tgt Ion:164 Resp: 1054

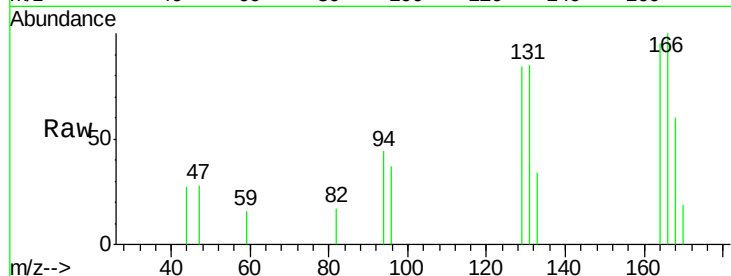
Ion Ratio Lower Upper

164 100

166 105.2 101.9 152.9

129 88.0 74.9 112.3

131 89.6 75.4 113.0

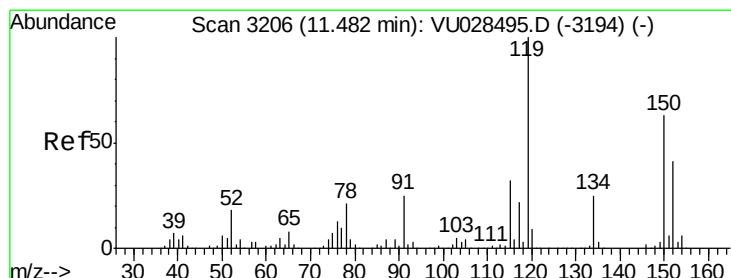
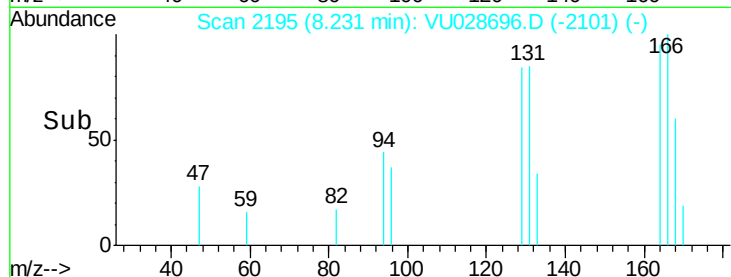
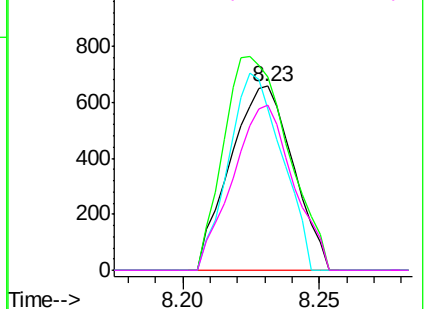


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU028696.D

Acq: 14 Dec 2018 20:28

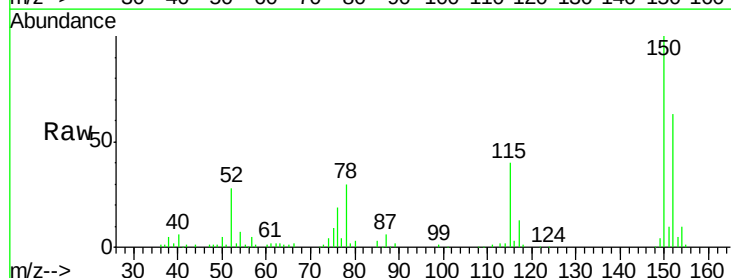
Tgt Ion:152 Resp: 47448

Ion Ratio Lower Upper

152 100

115 60.7 42.7 128.1

150 154.7 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

