

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121918\
 Data File : VU028801.D
 Acq On : 19 Dec 2018 18:09
 Operator : MD/SY
 Sample : J6449-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-17C_R1

Quant Time: Dec 20 06:53:25 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

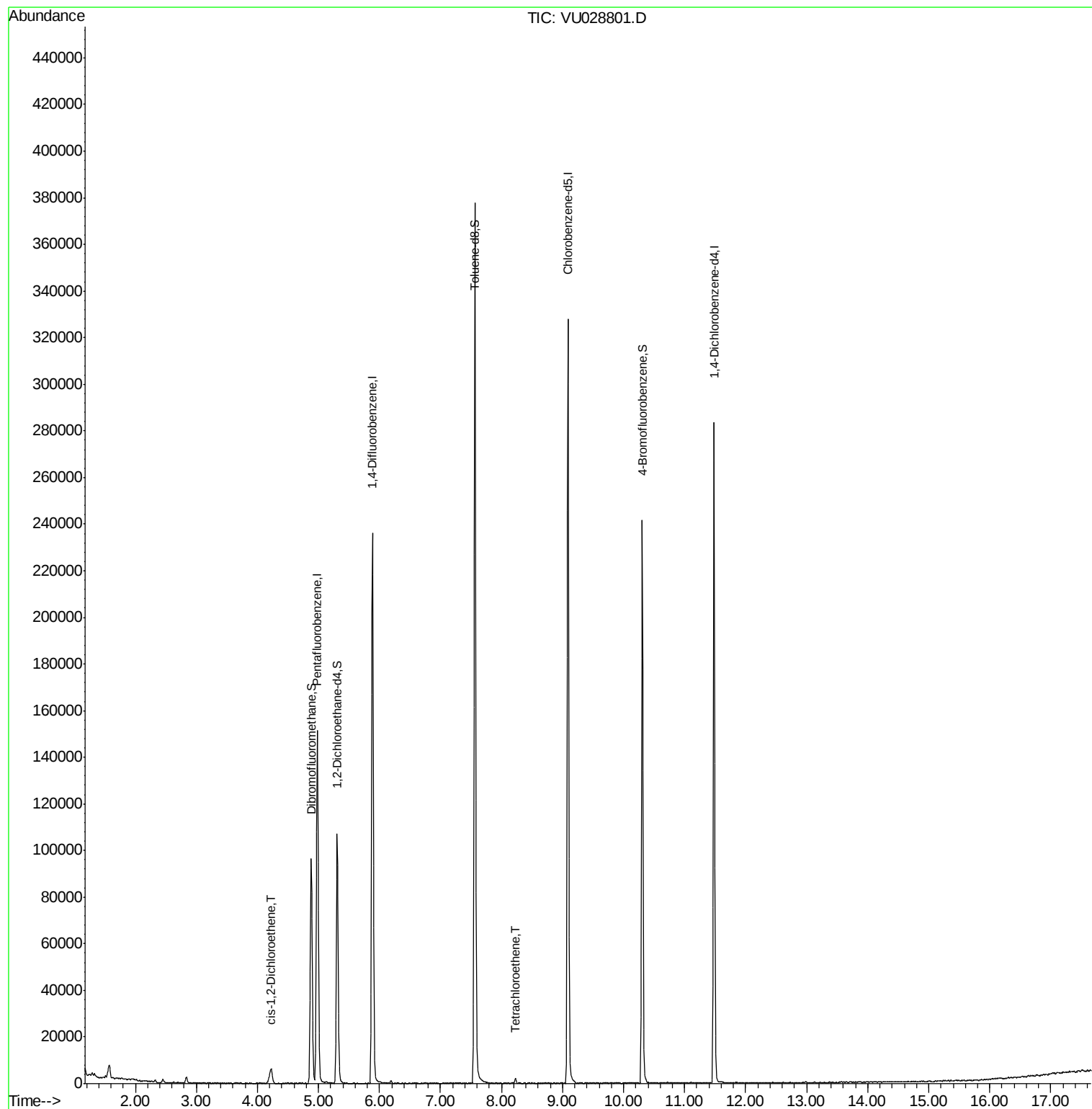
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	122621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	207207	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	189530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74850	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	81450	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
35) Dibromofluoromethane	4.88	113	68450	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
50) Toluene-d8	7.56	98	262216	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	10.30	95	82760	42.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.86%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	2816	1.619	ug/l	88
64) Tetrachloroethene	8.23	164	677	0.536	ug/l	86

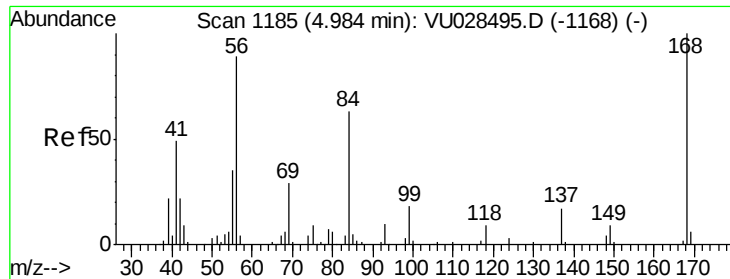
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028801.D

Acq: 19 Dec 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

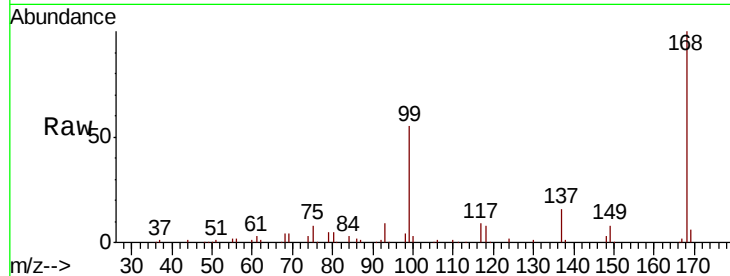
MW-17C_R1

Tot Ion:168 Resp: 122621

Ion Ratio Lower Upper

168 100

99 54.6 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028801.D (-1092) (-)

4.98

60000

50000

40000

30000

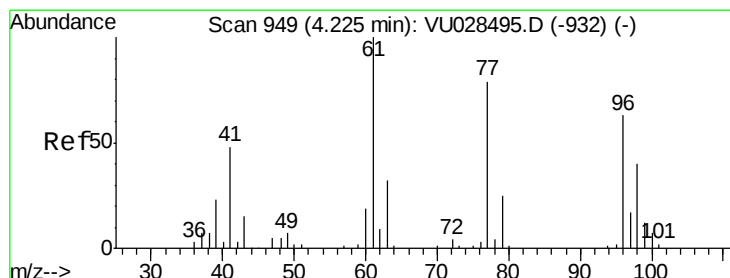
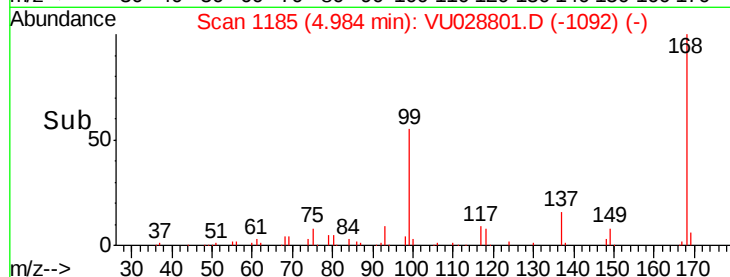
20000

10000

0

4.90 5.00 5.10

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.619 ug/l

RT: 4.23 min Scan# 952

Delta R.T. 0.01 min

Lab File: VU028801.D

Acq: 19 Dec 2018 18:09

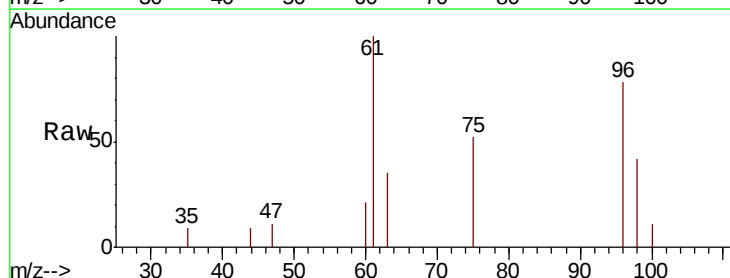
Tgt Ion: 96 Resp: 2816

Ion Ratio Lower Upper

96 100

61 145.3 0.0 332.4

98 60.7 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VU028495.D (-932) (-)

Ion 60.90 (60.60 to 61.60): VU028801.D (-856) (-)

Ion 97.90 (97.60 to 98.60): VU028801.D (-856) (-)

4.23

2000

1500

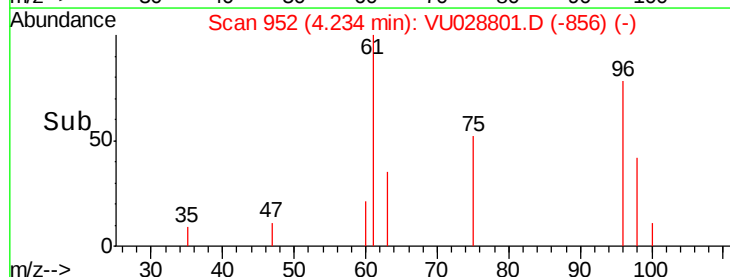
1000

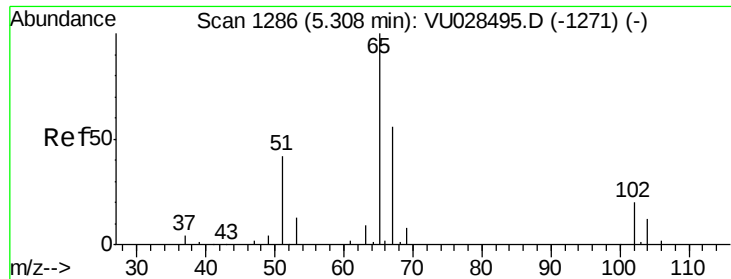
500

0

4.15 4.20 4.25 4.30

Time-->

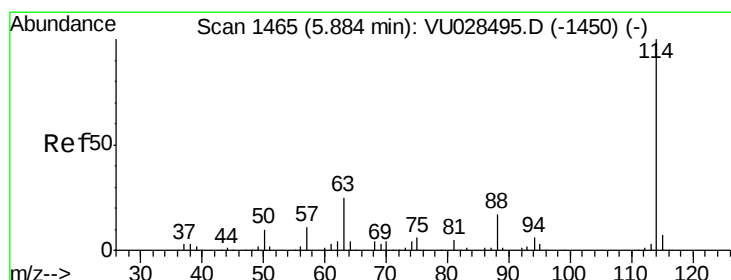
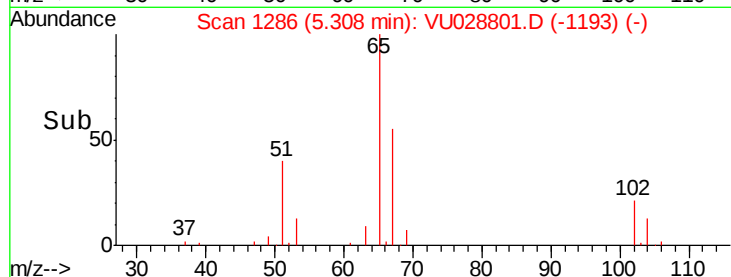
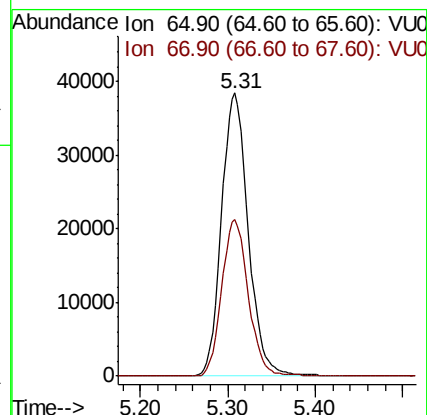
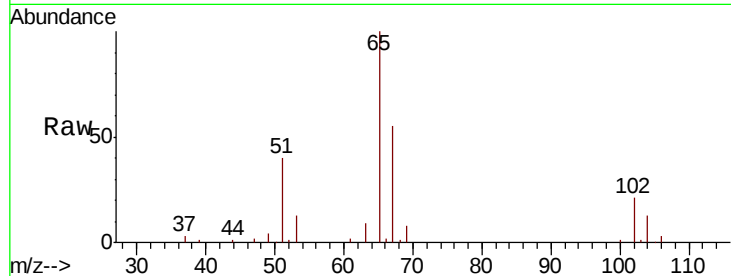




#33
 1,2-Dichloroethane-d4
 Concen: 43.526 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028801.D
 Acq: 19 Dec 2018 18:09

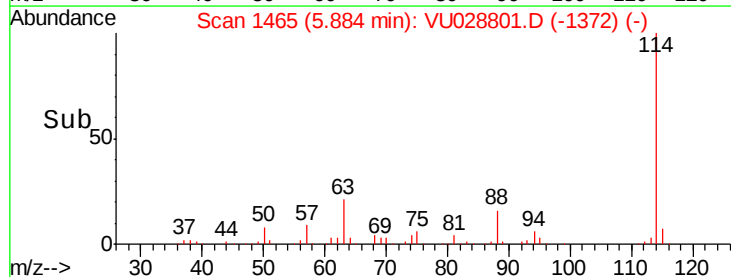
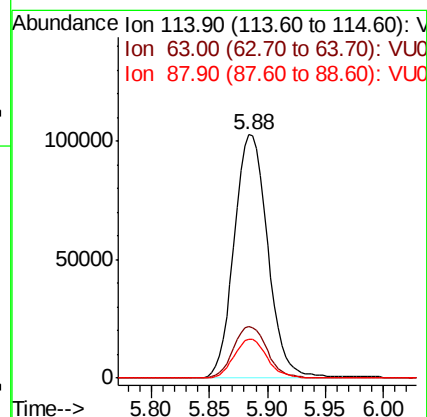
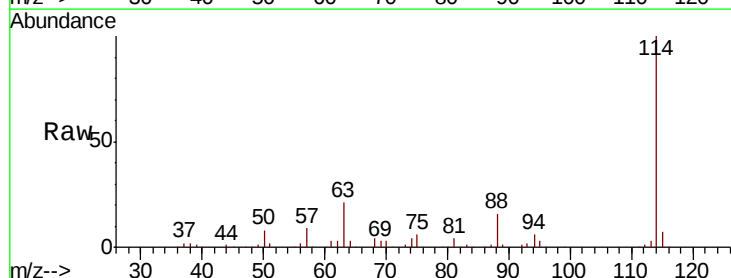
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-17C_R1

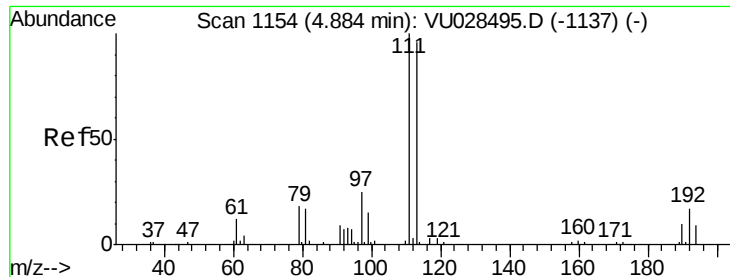
Tot Ion: 65 Resp: 81450
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028801.D
 Acq: 19 Dec 2018 18:09

Tgt Ion: 114 Resp: 207207
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 49.2
 88 16.2 0.0 33.4

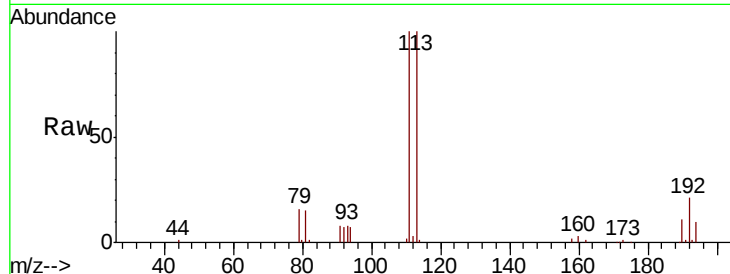




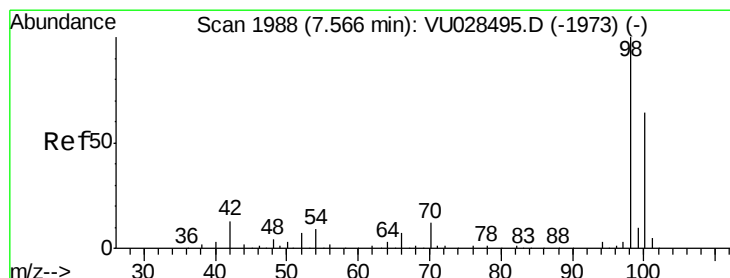
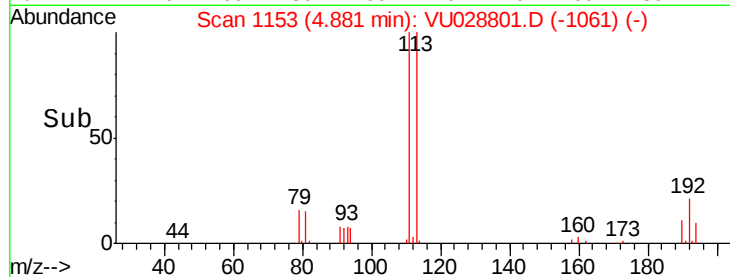
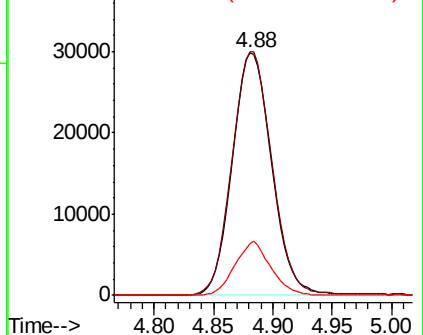
#35
 Dibromofluoromethane
 Concen: 52.494 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028801.D
 Acq: 19 Dec 2018 18:09

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-17C_R1

Tot Ion:113 Resp: 68450
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.4 125.0
 192 20.1 14.8 22.2

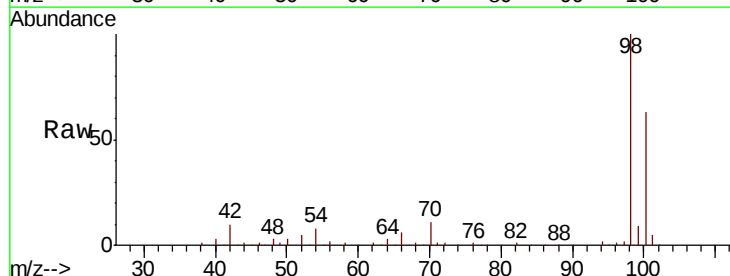


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

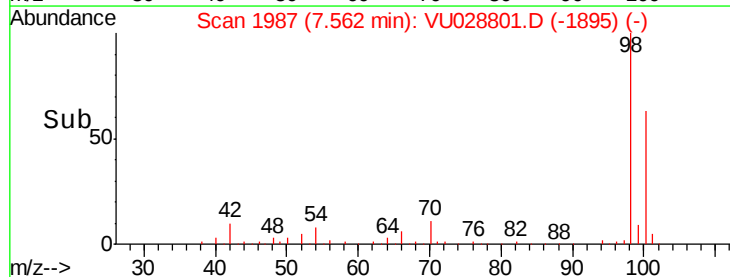
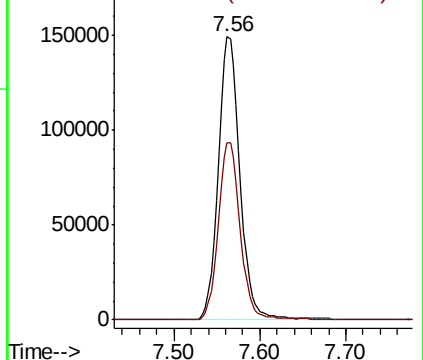


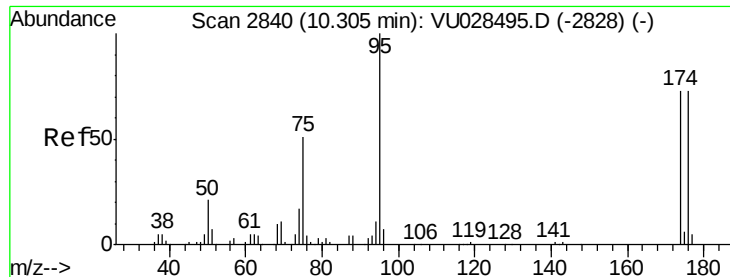
#50
 Toluene-d8
 Concen: 50.834 ug/l
 RT: 7.56 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VU028801.D
 Acq: 19 Dec 2018 18:09

Tgt Ion: 98 Resp: 262216
 Ion Ratio Lower Upper
 98 100
 100 62.8 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU

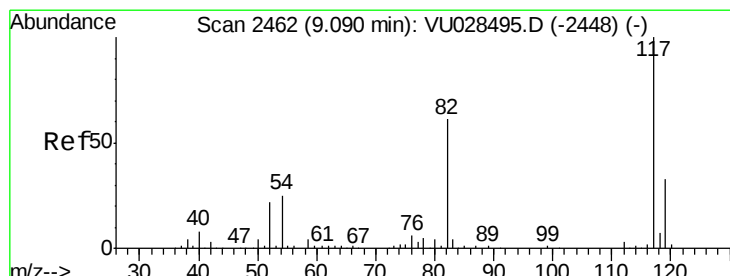
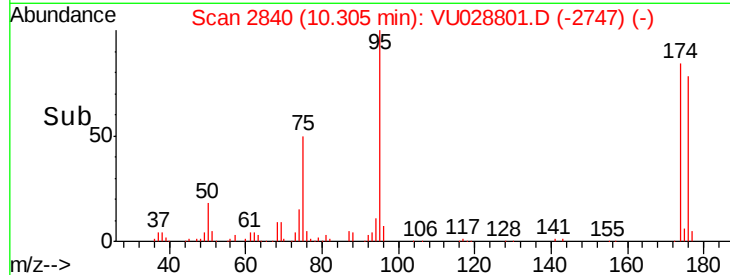
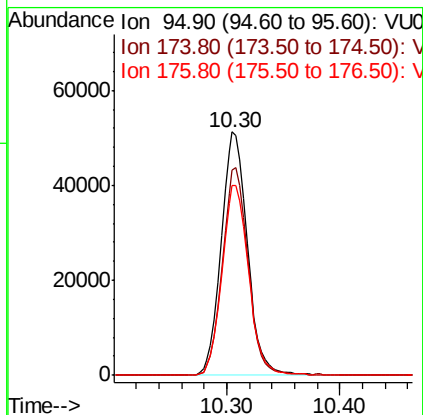
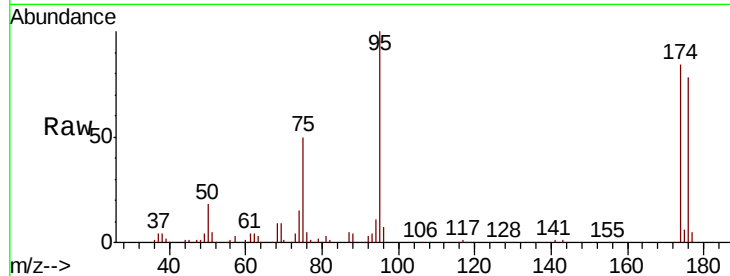




#62
 4-Bromofluorobenzene
 Concen: 42.926 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VU028801.D
 Acq: 19 Dec 2018 18:09

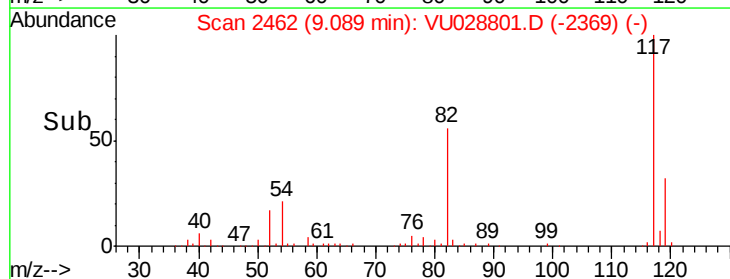
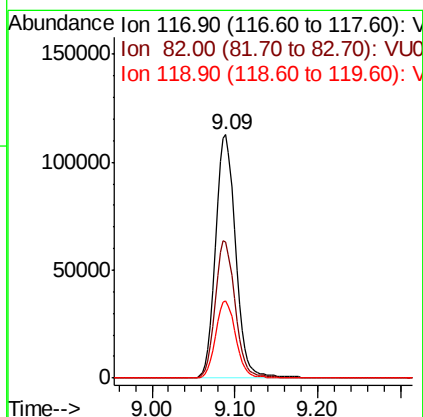
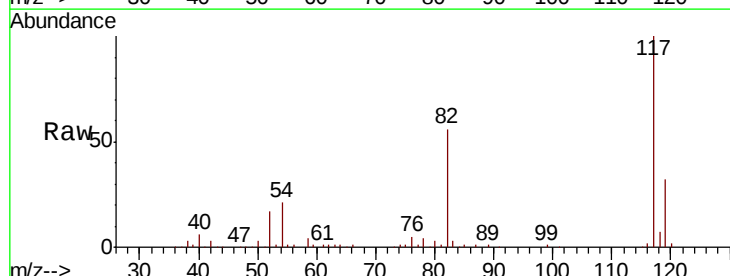
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-17C_R1

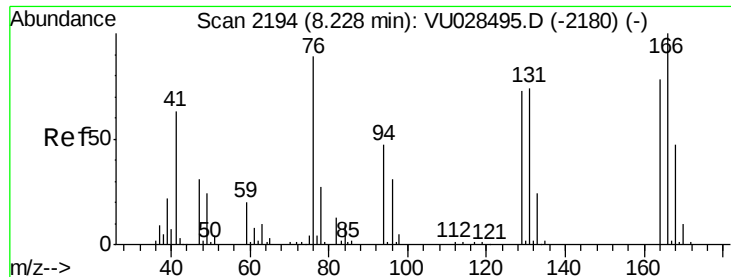
Tot Ion: 95 Resp: 82760
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 150.4
 176 79.2 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU028801.D
 Acq: 19 Dec 2018 18:09

Tgt Ion: 117 Resp: 189530
 Ion Ratio Lower Upper
 117 100
 82 56.1 48.9 73.3
 119 31.8 26.2 39.4





#64

Tetrachloroethene

Concen: 0.536 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU028801.D

Acq: 19 Dec 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

MW-17C_R1

Tot Ion:164 Resp: 677

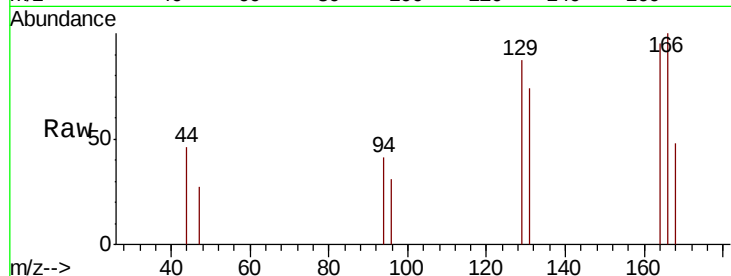
Ion Ratio Lower Upper

164 100

166 104.9 101.9 152.9

129 91.8 74.9 112.3

131 77.4 75.4 113.0

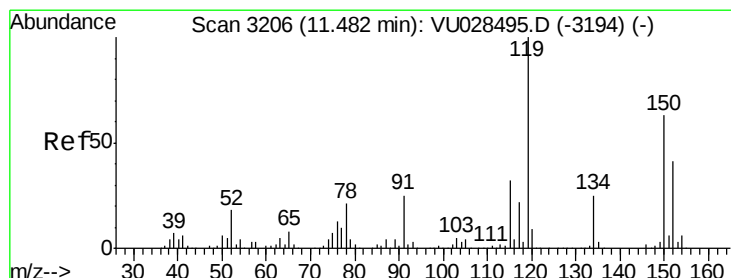
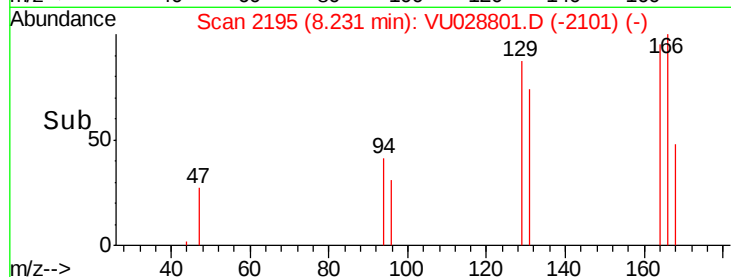
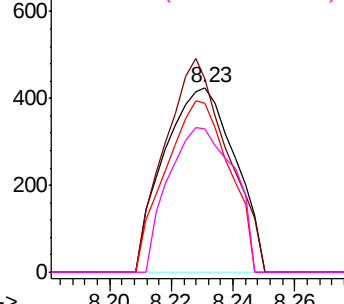


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU028801.D

Acq: 19 Dec 2018 18:09

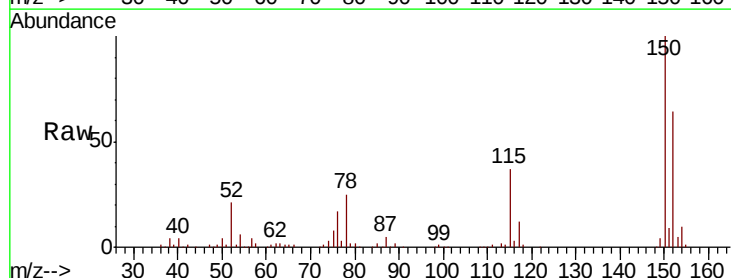
Tgt Ion:152 Resp: 74850

Ion Ratio Lower Upper

152 100

115 57.2 42.7 128.1

150 156.1 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

