

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028742.D
 Acq On : 18 Dec 2018 00:46
 Operator : MD/SY
 Sample : J6413-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1R

Quant Time: Dec 18 07:45:30 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

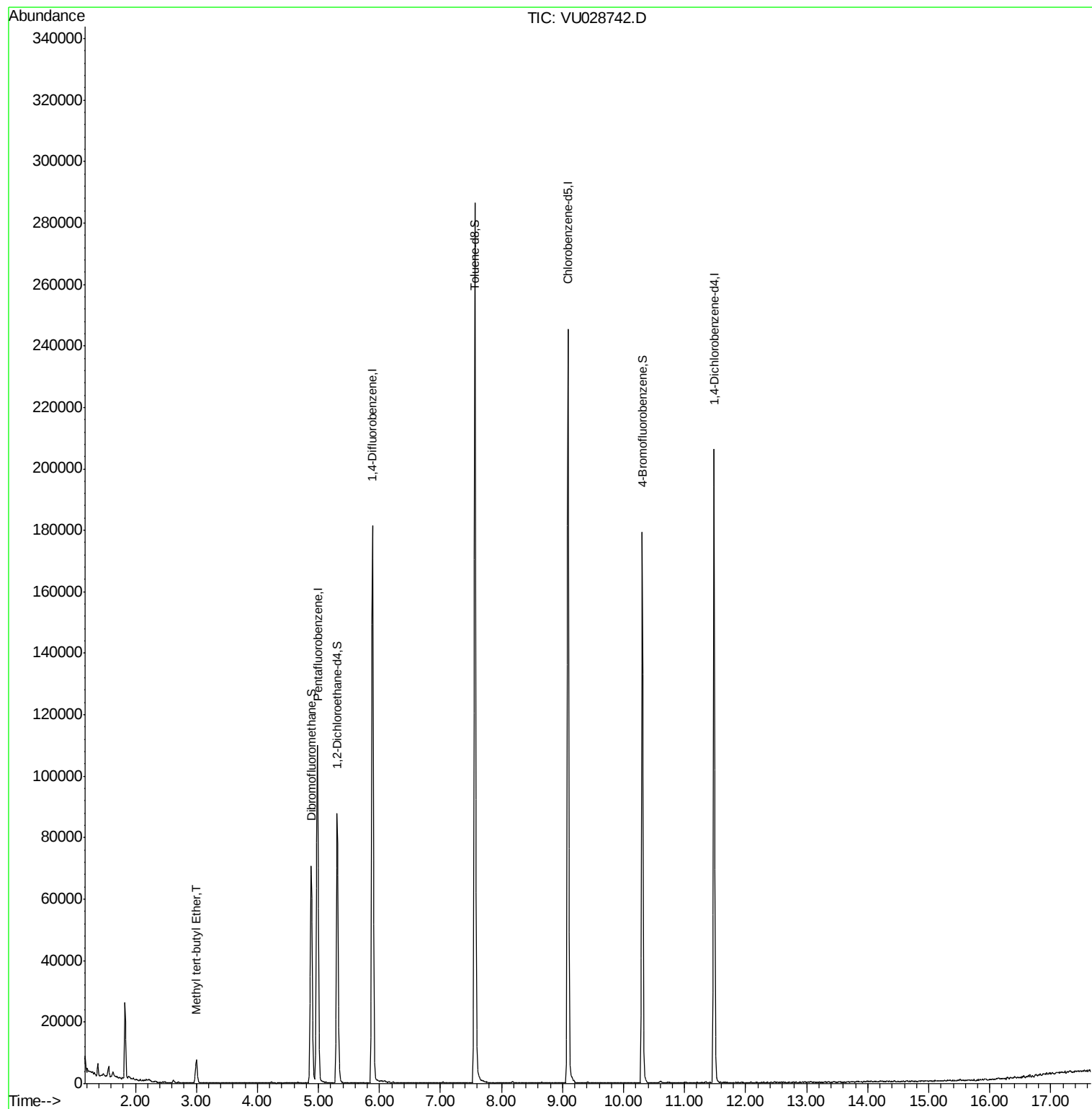
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	82562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	144427	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	129261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	50178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	66448	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
35) Dibromofluoromethane	4.88	113	49697	54.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.36%	
50) Toluene-d8	7.56	98	187122	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	10.31	95	60641	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
Target Compounds						
19) Methyl tert-butyl Ether	3.00	73	8249	2.367	ug/l	Qvalue 96

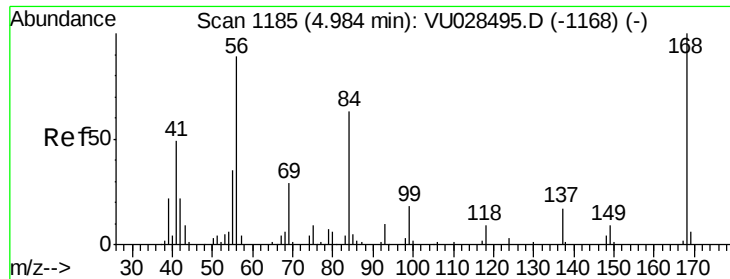
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028742.D

Acq: 18 Dec 2018 00:46

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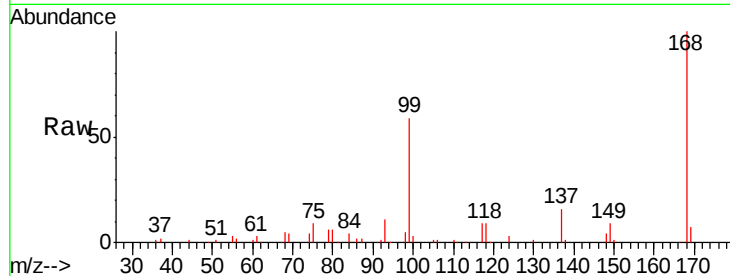
MW-1R

Tgt Ion:168 Resp: 82562

Ion Ratio Lower Upper

168 100

99 58.9 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028495.D

4.98

40000

30000

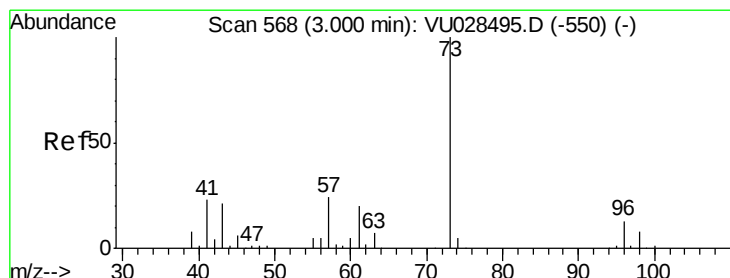
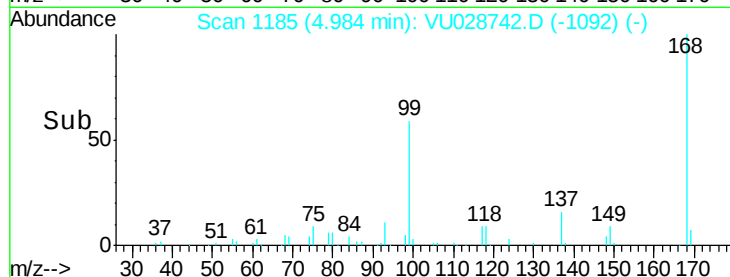
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#19

Methyl tert-butyl Ether

Concen: 2.367 ug/l

RT: 3.00 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU028742.D

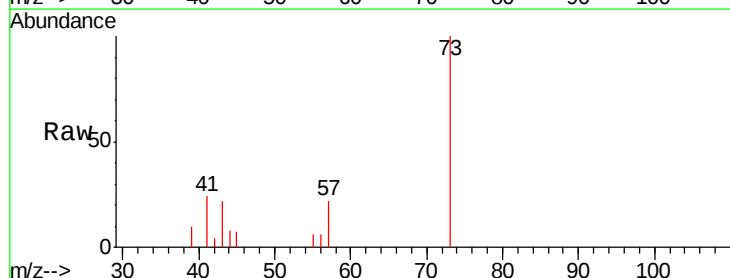
Acq: 18 Dec 2018 00:46

Tgt Ion: 73 Resp: 8249

Ion Ratio Lower Upper

73 100

57 22.4 19.4 29.2



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

Ion 57.00 (56.70 to 57.70): VU028495.D

3.00

4000

3000

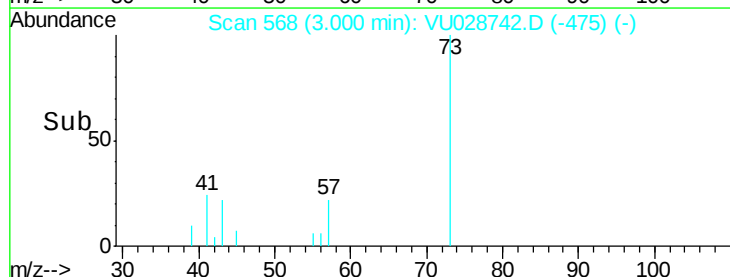
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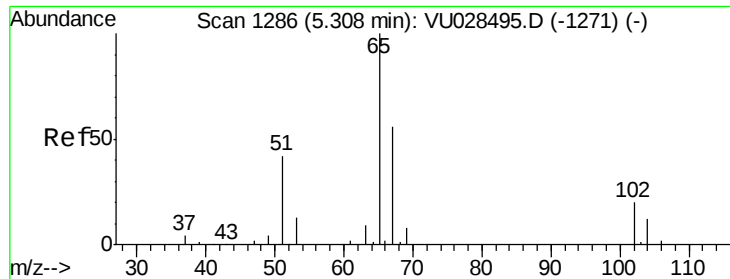
1000

0

2.95 3.00 3.05

Time-->

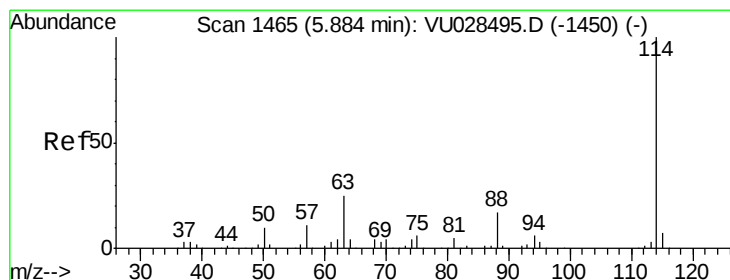
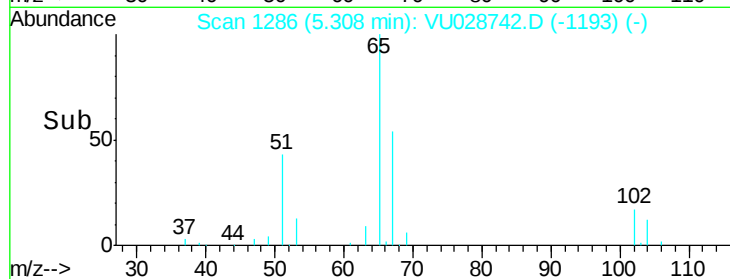
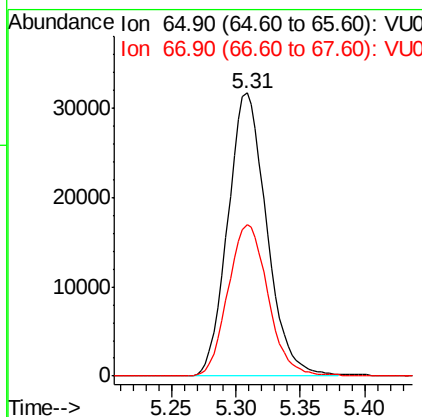
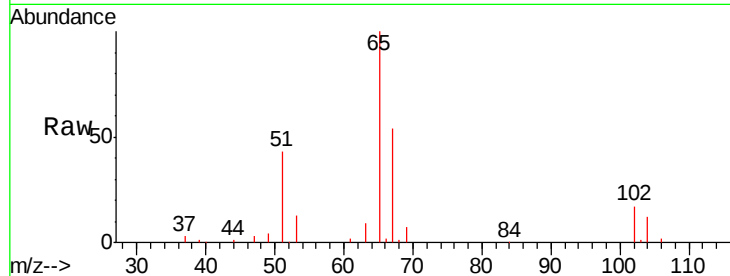




#33
 1,2-Dichloroethane-d4
 Concen: 52.739 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028742.D
 Acq: 18 Dec 2018 00:46

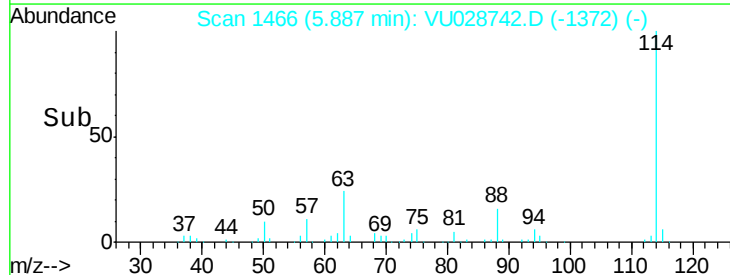
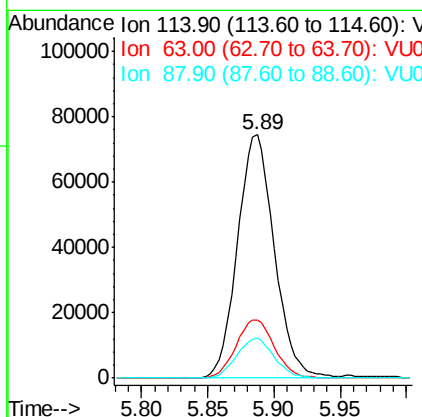
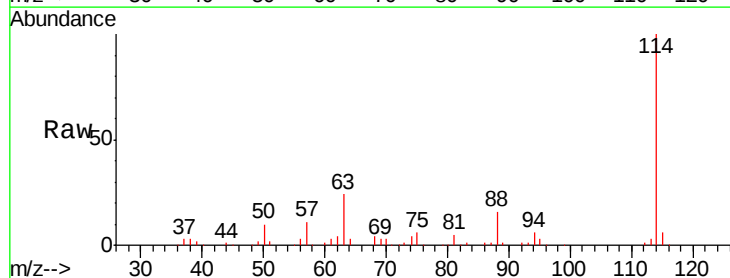
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1R

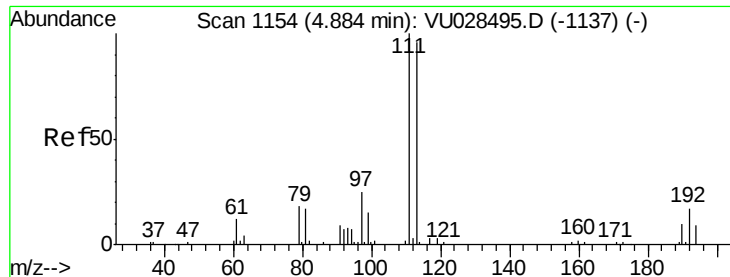
Tgt Ion: 65 Resp: 66448
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028742.D
 Acq: 18 Dec 2018 00:46

Tgt Ion: 114 Resp: 144427
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 16.3 0.0 33.4

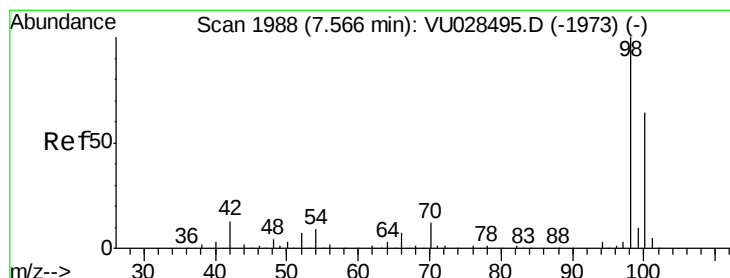
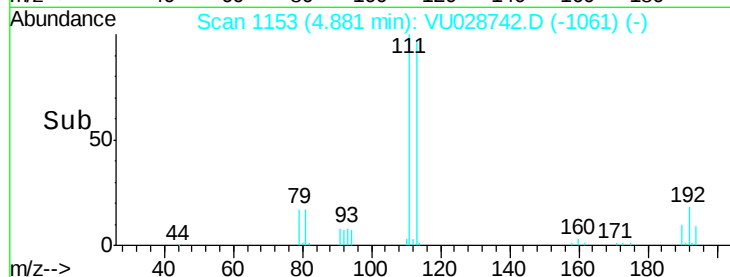
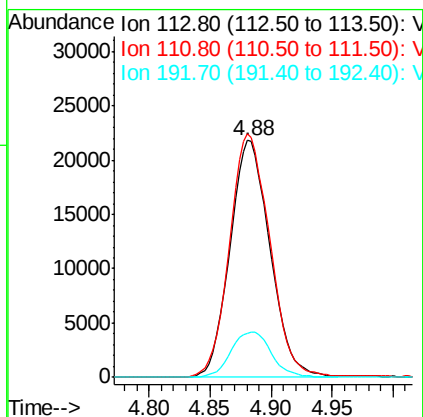
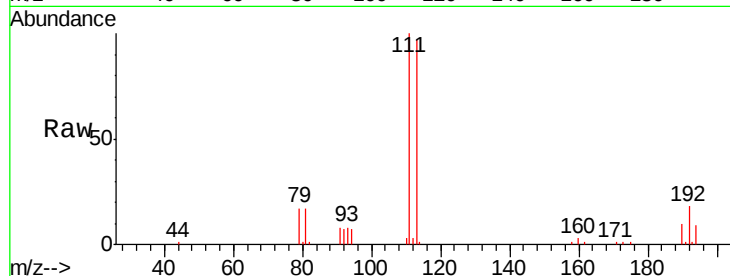




#35
 Dibromofluoromethane
 Concen: 54.679 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028742.D
 Acq: 18 Dec 2018 00:46

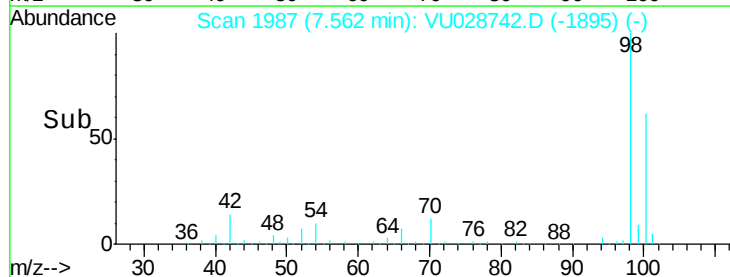
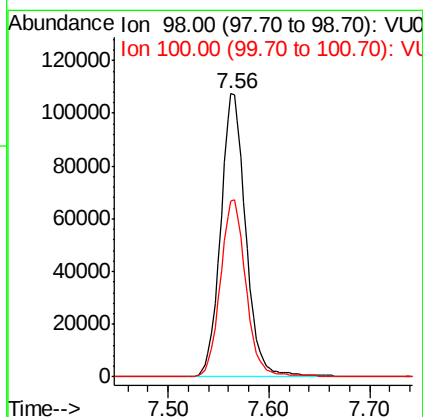
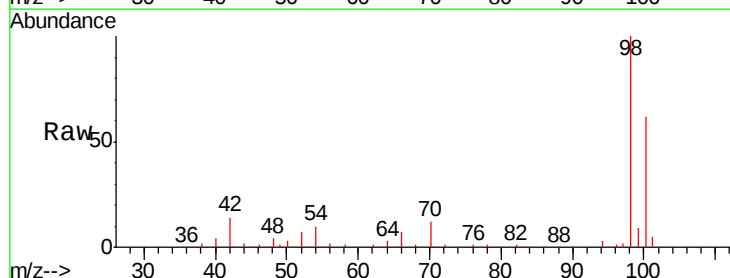
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1R

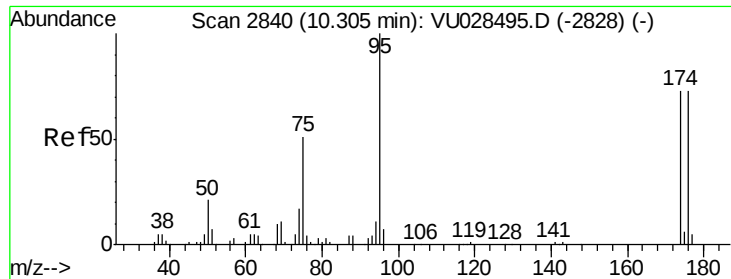
Tgt Ion: 113 Resp: 49697
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.4 125.0
 192 19.1 14.8 22.2



#50
 Toluene-d8
 Concen: 52.045 ug/l
 RT: 7.56 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VU028742.D
 Acq: 18 Dec 2018 00:46

Tgt Ion: 98 Resp: 187122
 Ion Ratio Lower Upper
 98 100
 100 63.2 51.0 76.6

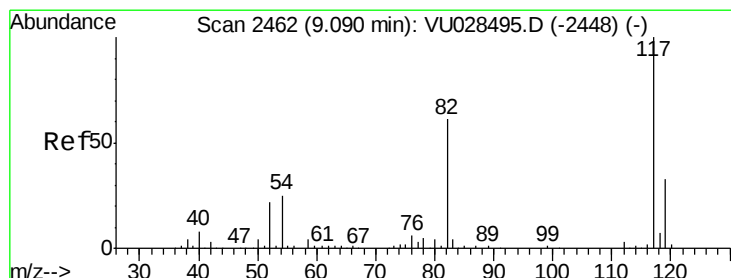
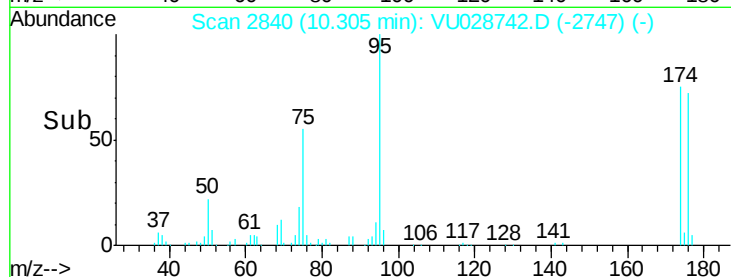
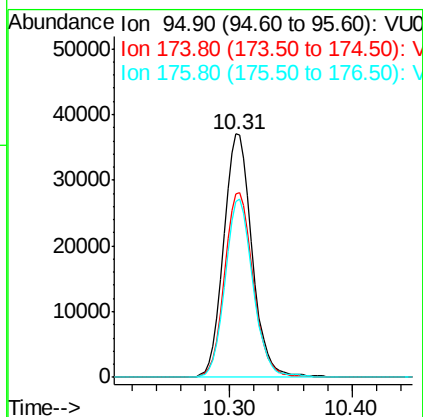
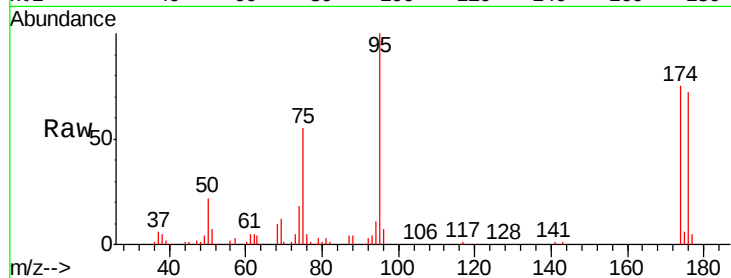




#62
 4-Bromofluorobenzene
 Concen: 45.125 ug/l
 RT: 10.31 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VU028742.D
 Acq: 18 Dec 2018 00:46

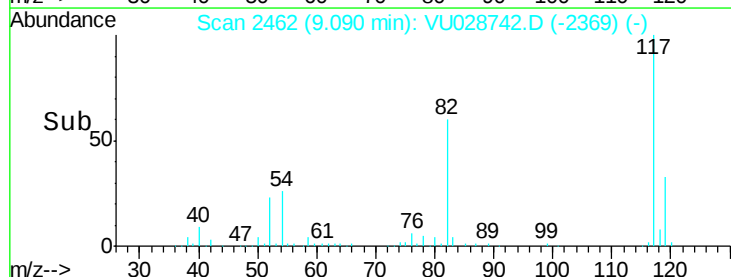
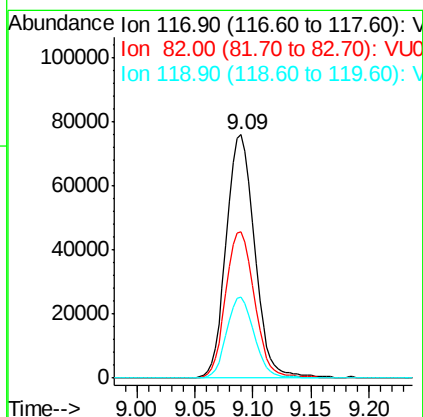
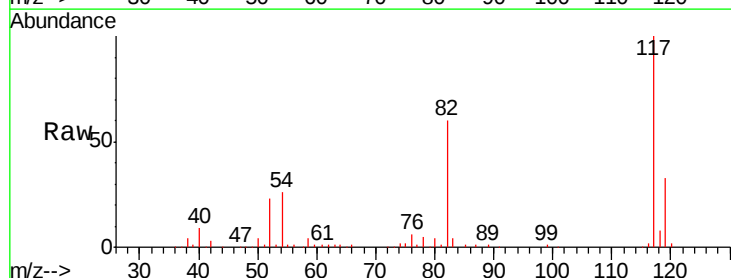
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1R

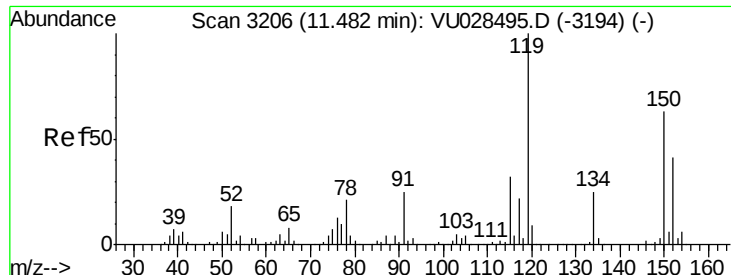
Tgt Ion: 95 Resp: 60641
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 150.4
 176 72.0 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VU028742.D
 Acq: 18 Dec 2018 00:46

Tgt Ion: 117 Resp: 129261
 Ion Ratio Lower Upper
 117 100
 82 60.3 48.9 73.3
 119 33.4 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028742.D

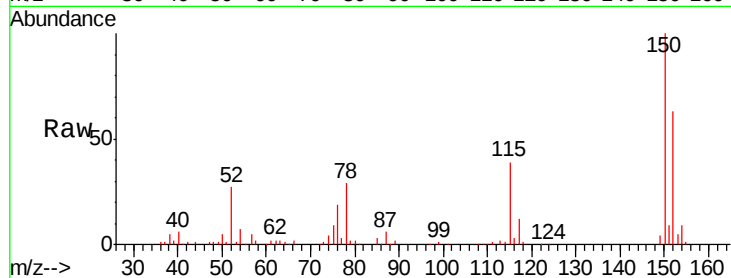
Acq: 18 Dec 2018 00:46

Instrument :

MSVOA_U

ClientSampleId :

MW-1R



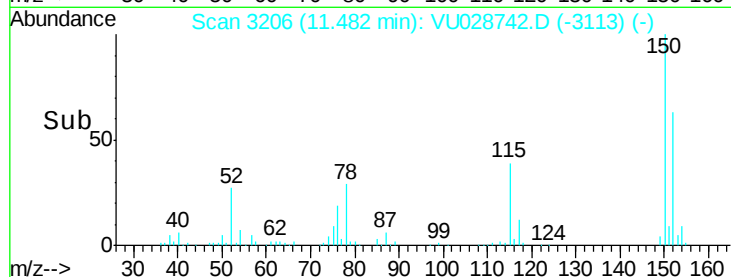
Tgt Ion:152 Resp: 50178

Ion Ratio Lower Upper

152 100

115 61.0 42.7 128.1

150 157.3 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

