

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027179.D
 Acq On : 26 Sep 2018 15:50
 Operator : MD/SY
 Sample : J5049-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-55-SEP18

Quant Time: Sep 27 02:21:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

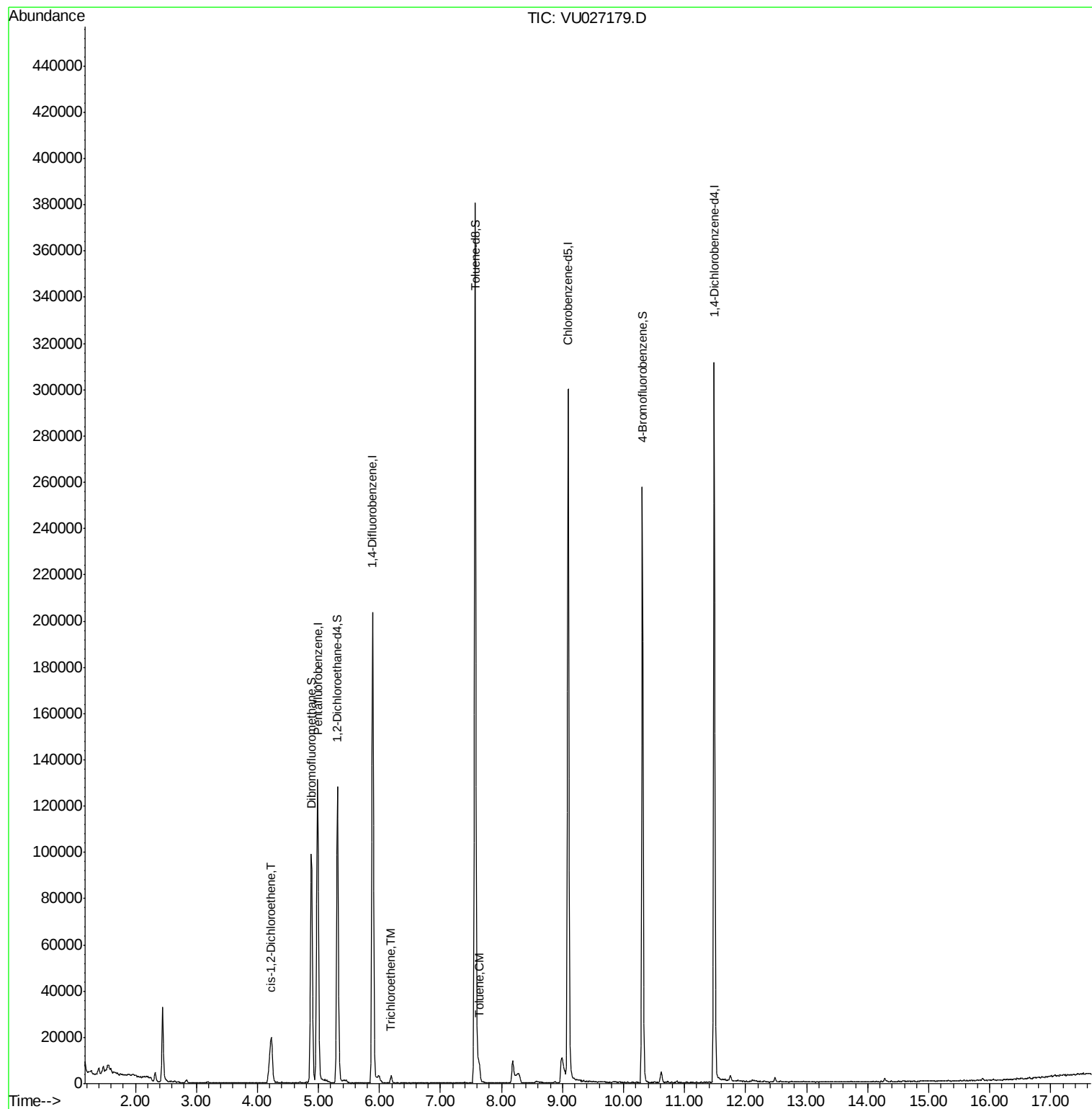
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	91949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	155403	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	154163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	72652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98202	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
35) Dibromofluoromethane	4.88	113	67548	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	7.57	98	250892	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	10.31	95	84999	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	9456	6.175	ug/l	88
44) Trichloroethene	6.19	130	1240	0.924	ug/l	90
52) Toluene	7.64	92	1223	0.338	ug/l	84

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027179.D

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ClientSampleId :

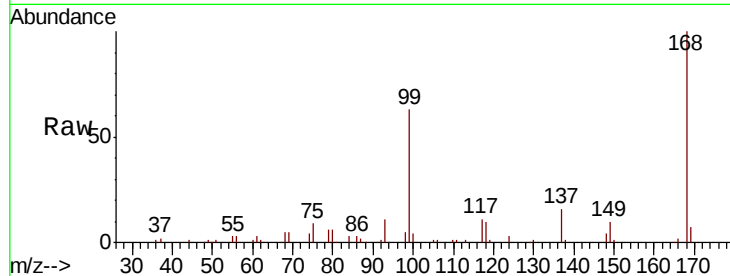
MW-55-SEP18

Tot Ion:168 Resp: 91949

Ion Ratio Lower Upper

168 100

99 63.4 48.1 72.1



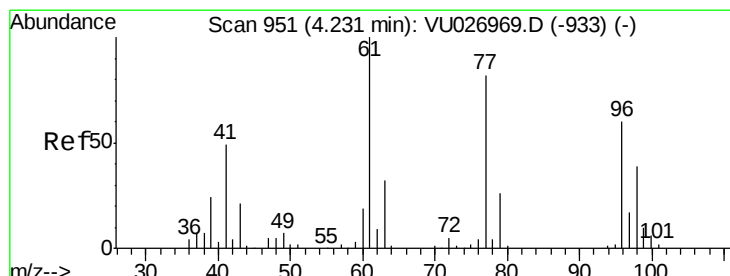
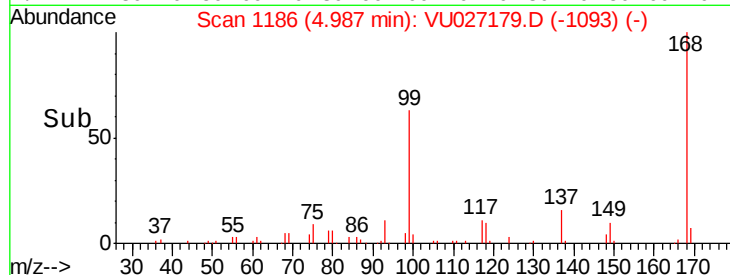
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

4.90 4.95 5.00 5.05 5.10

Time-->



#27

cis-1,2-Dichloroethene

Concen: 6.175 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027179.D

Acq: 26 Sep 2018 15:50

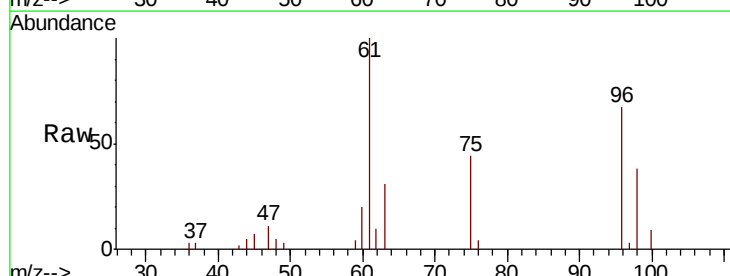
Tgt Ion: 96 Resp: 9456

Ion Ratio Lower Upper

96 100

61 148.9 0.0 337.2

98 59.6 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VU026969.D (-933) (-)

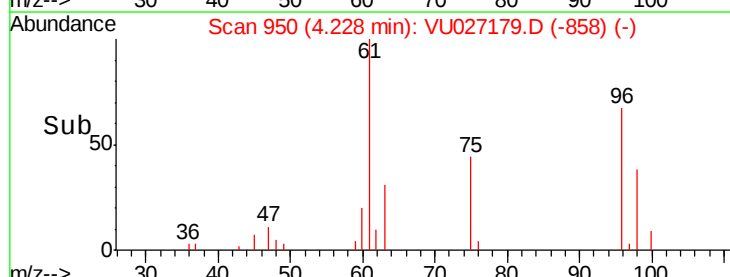
Ion 60.90 (60.60 to 61.60): VU026969.D (-933) (-)

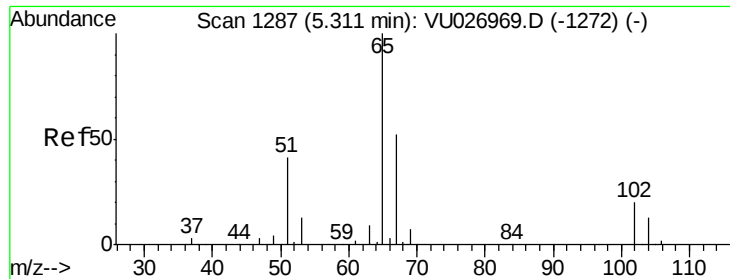
Ion 97.90 (97.60 to 98.60): VU026969.D (-933) (-)

4.23

4.15 4.20 4.25 4.30

Time-->

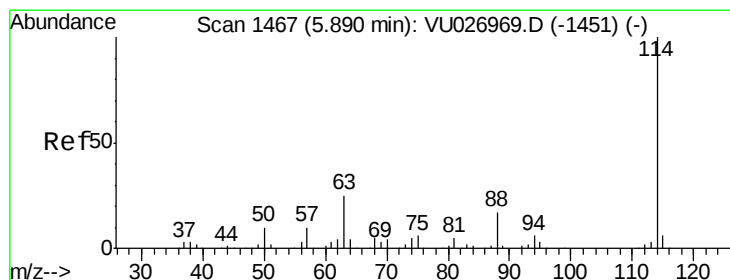
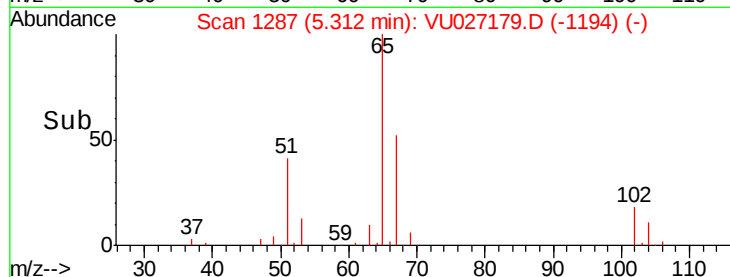
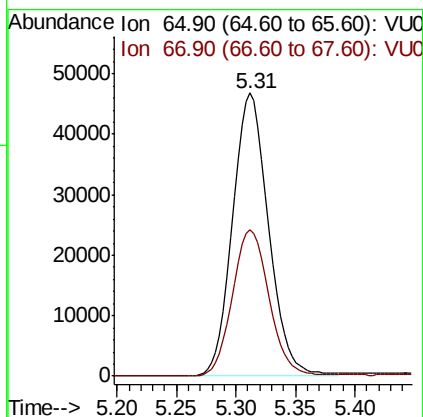
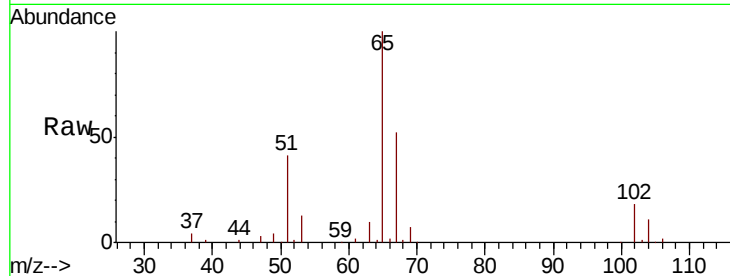




#33
 1,2-Dichloroethane-d4
 Concen: 53.064 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027179.D
 Acq: 26 Sep 2018 15:50

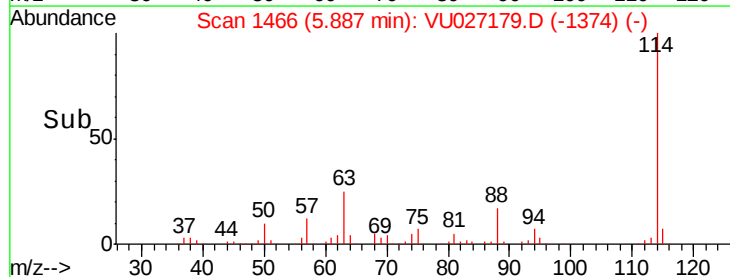
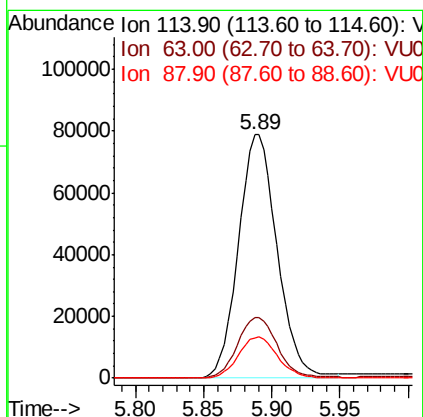
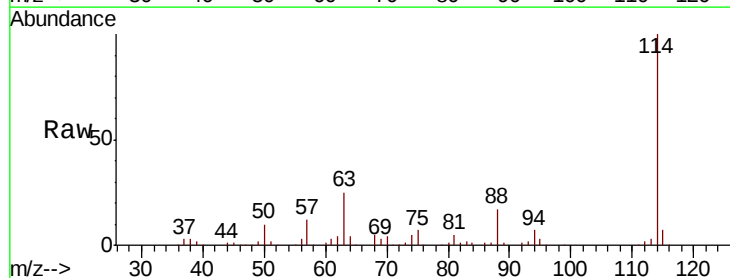
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-55-SEP18

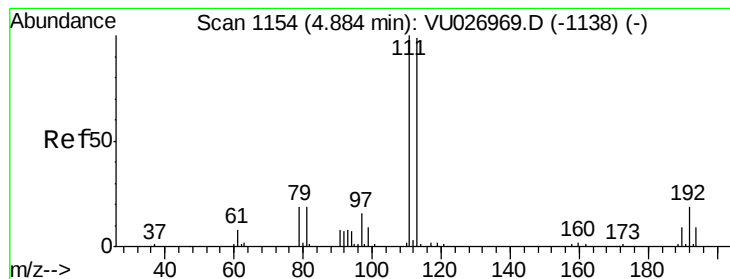
Tot Ion: 65 Resp: 98202
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027179.D
 Acq: 26 Sep 2018 15:50

Tgt Ion: 114 Resp: 155403
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.2
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.146 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027179.D

Acq: 26 Sep 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

MW-55-SEP18

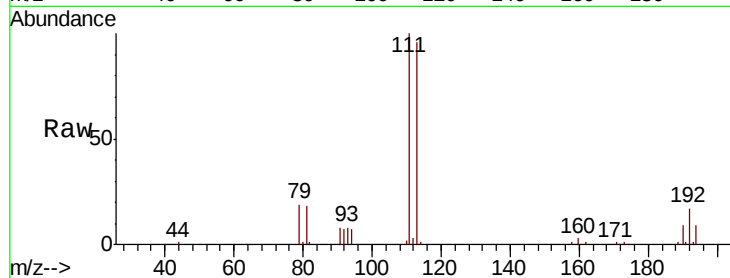
Tot Ion:113 Resp: 67548

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

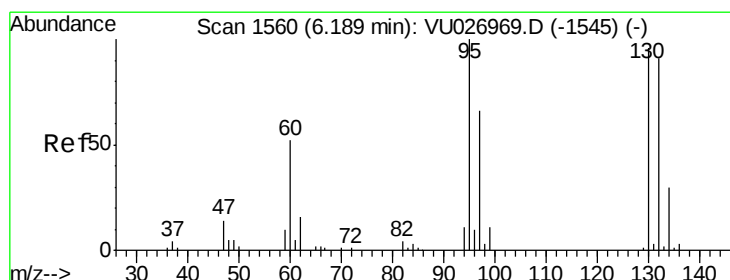
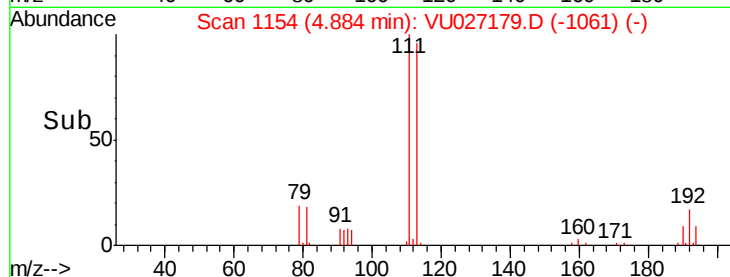
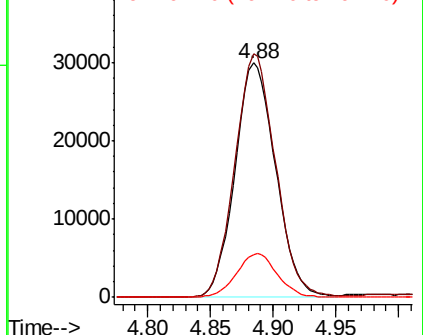
192 18.7 15.2 22.8



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: 0.924 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VU027179.D

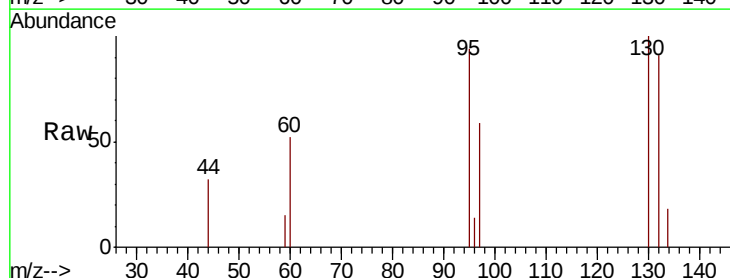
Acq: 26 Sep 2018 15:50

Tgt Ion:130 Resp: 1240

Ion Ratio Lower Upper

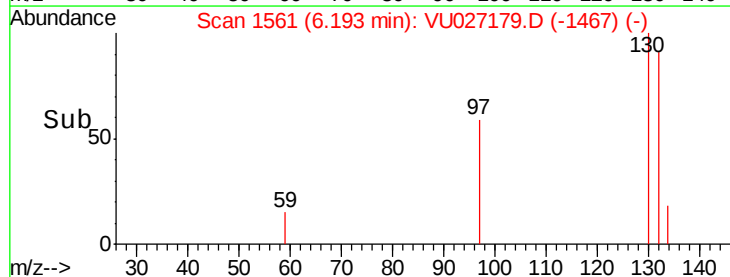
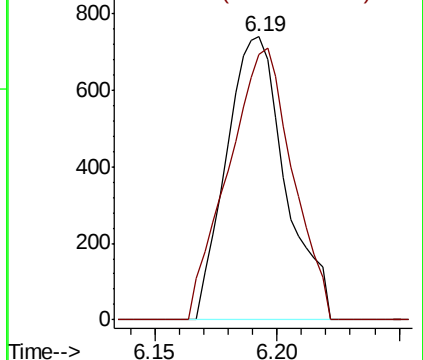
130 100

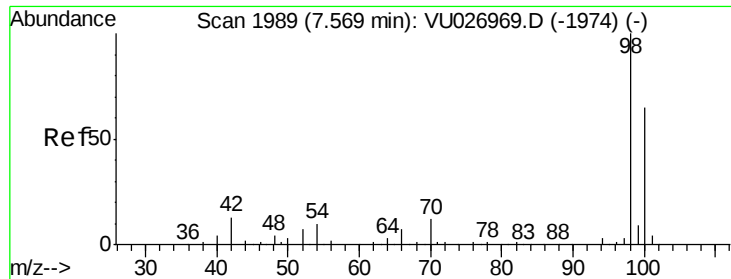
95 93.8 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

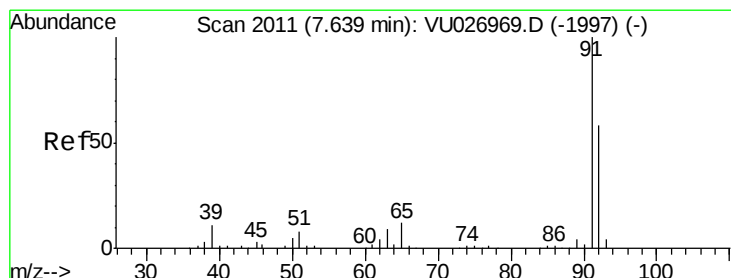
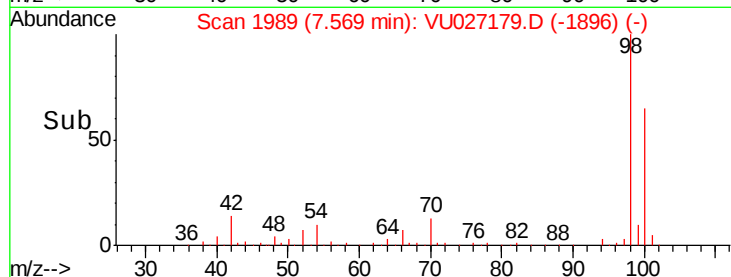
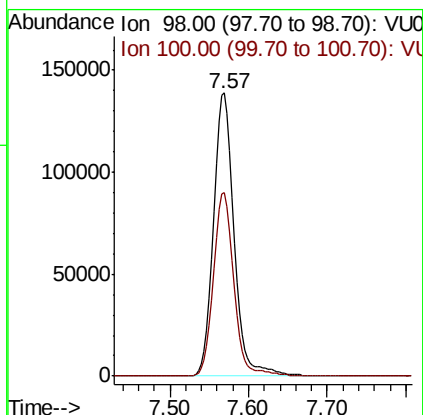
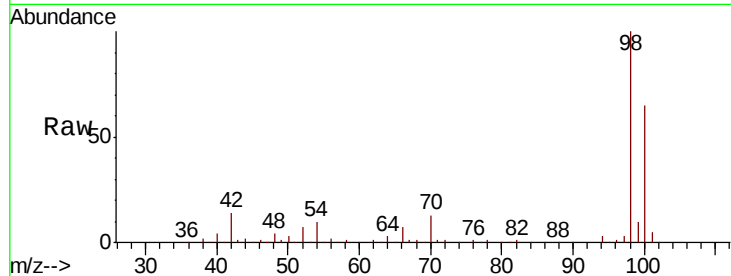




#50
Toluene-d8
Concen: 48.872 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027179.D
Acq: 26 Sep 2018 15:50

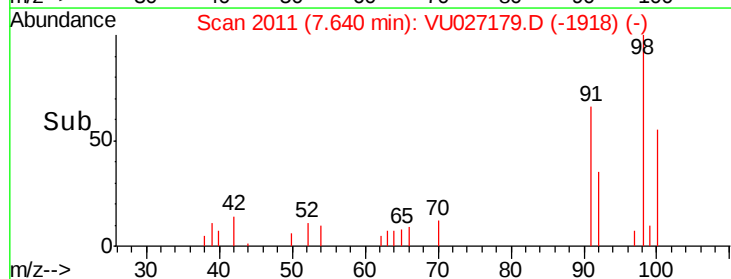
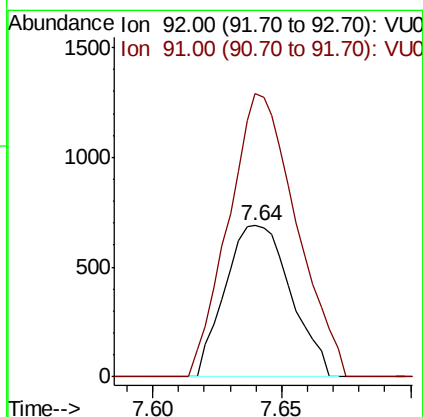
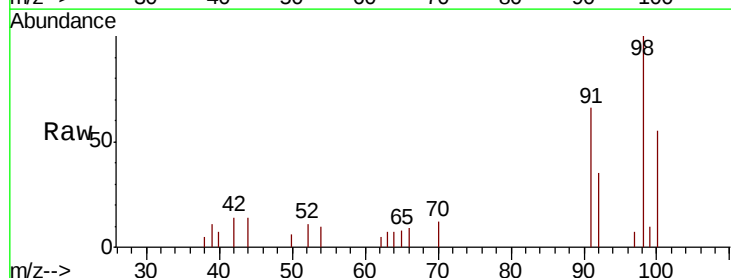
Instrument :
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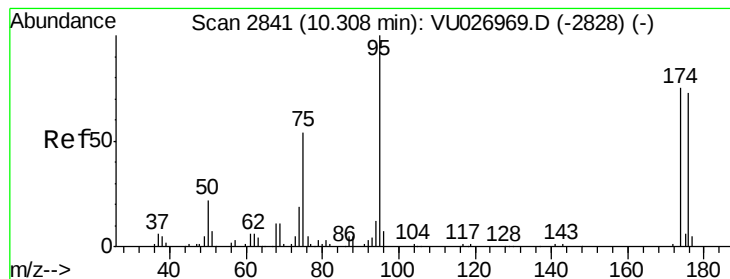
Tot Ion: 98 Resp: 250892
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#52
Toluene
Concen: 0.338 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027179.D
Acq: 26 Sep 2018 15:50

Tgt Ion: 92 Resp: 1223
Ion Ratio Lower Upper
92 100
91 192.8 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 48.254 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027179.D

Acq: 26 Sep 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

MW-55-SEP18

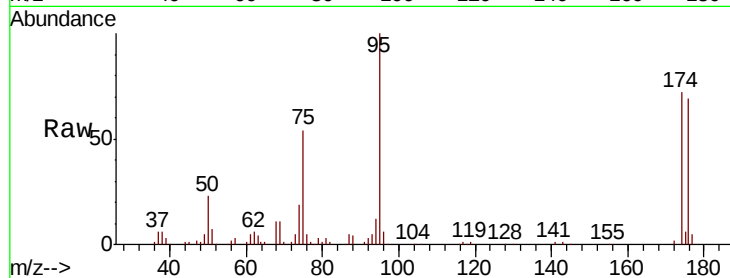
Tot Ion: 95 Resp: 84999

Ion Ratio Lower Upper

95 100

174 73.5 0.0 150.2

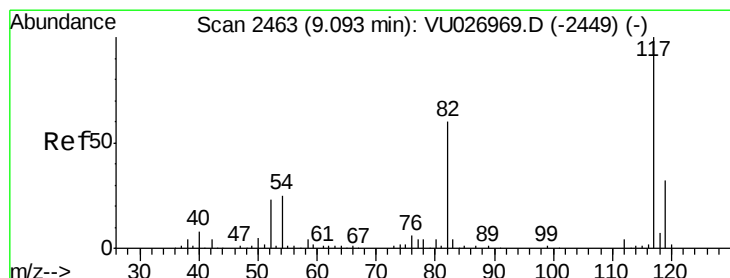
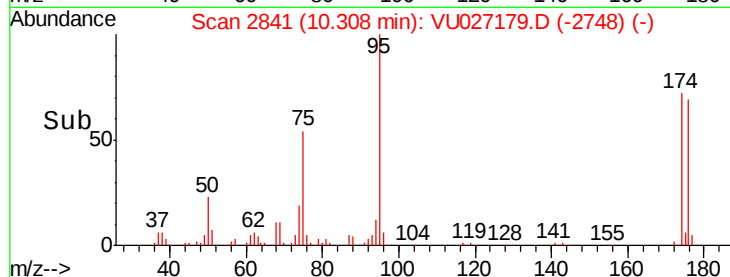
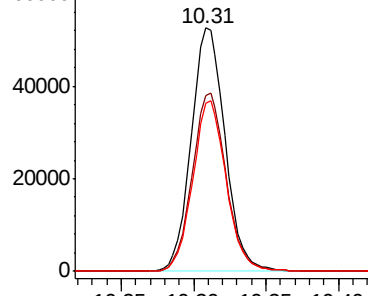
176 69.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027179.D

Acq: 26 Sep 2018 15:50

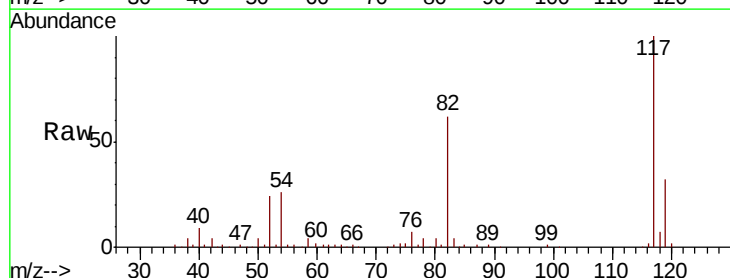
Tgt Ion: 117 Resp: 154163

Ion Ratio Lower Upper

117 100

82 62.2 48.0 72.0

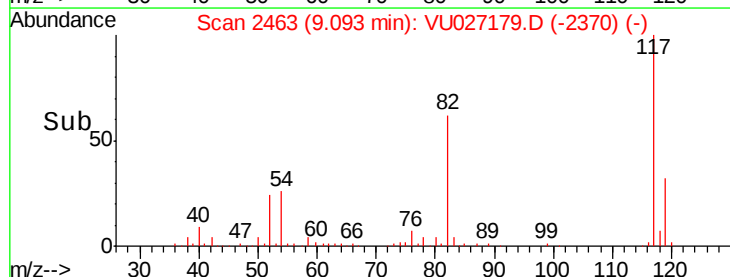
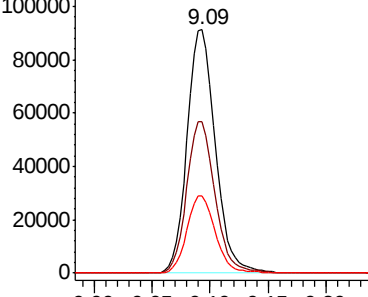
119 31.7 25.8 38.8

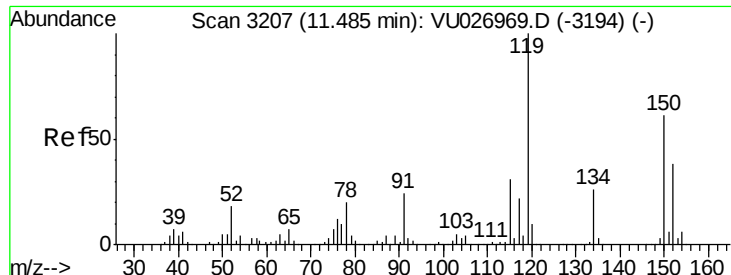


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027179.D
 Acq: 26 Sep 2018 15:50

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-55-SEP18

Tot Ion:152 Resp: 72652
 Ion Ratio Lower Upper
 152 100
 115 60.6 44.9 134.5
 150 156.0 0.0 355.8

