

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034171.D
 Acq On : 01 Sep 2019 16:06
 Operator : JC/SP
 Sample : K4648-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9

Quant Time: Sep 03 11:51:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

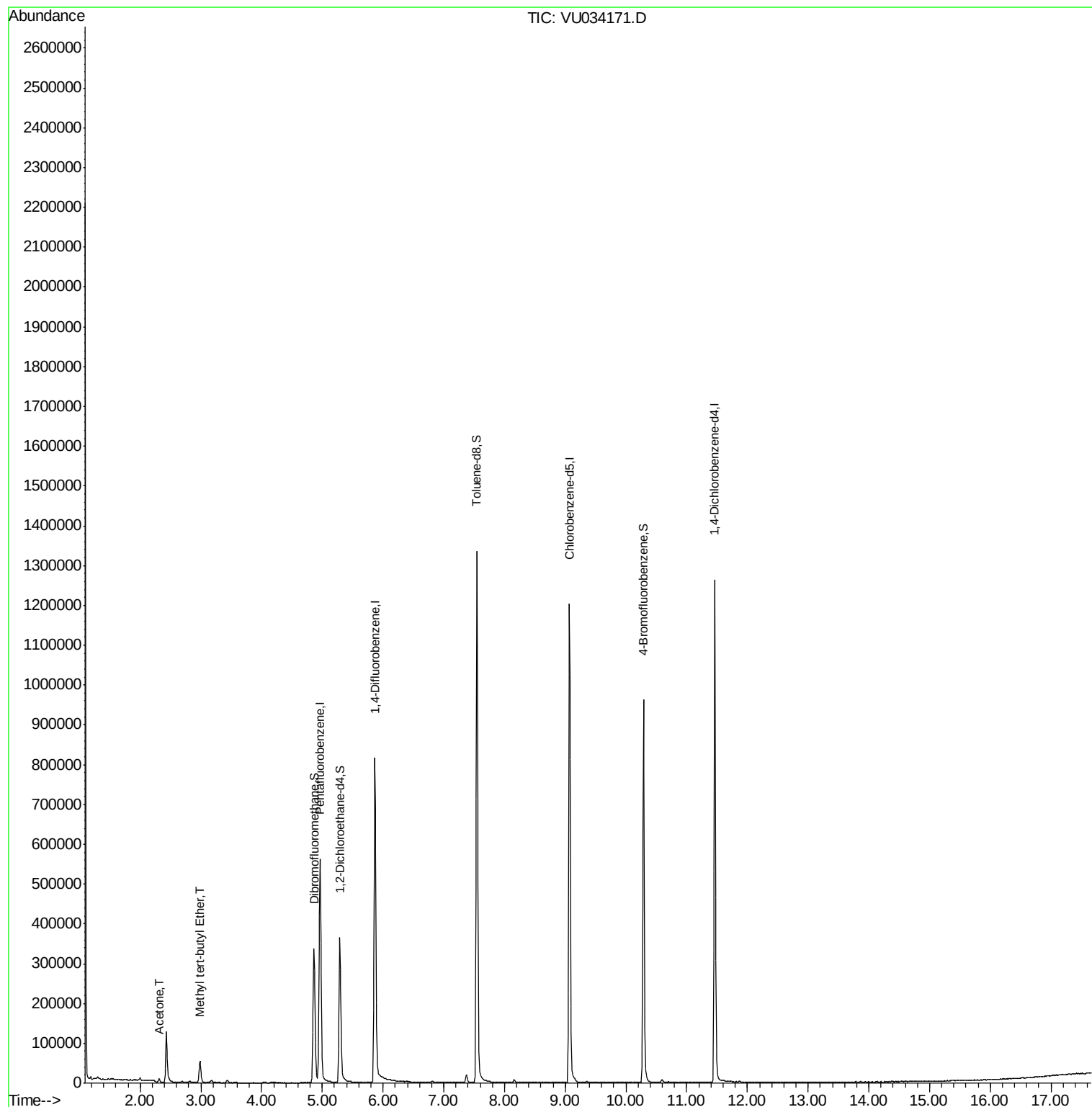
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	459147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	736073	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	710113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	347761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	287997	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
35) Dibromofluoromethane	4.86	113	241487	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	7.55	98	930229	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	10.29	95	330547	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
Target Compounds						
16) Acetone	2.31	43	10604	3.532	ug/l	95
19) Methyl tert-butyl Ether	2.99	73	57749	3.834	ug/l	95

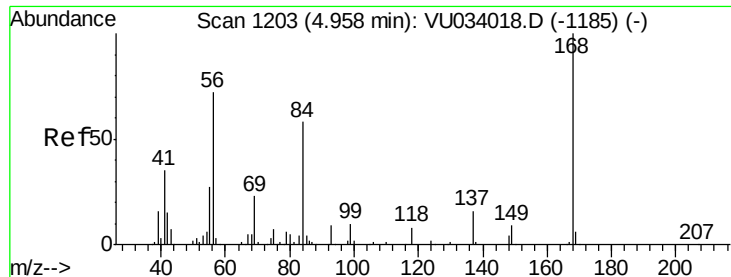
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VU034171.D

Acq: 01 Sep 2019 16:06

Instrument :

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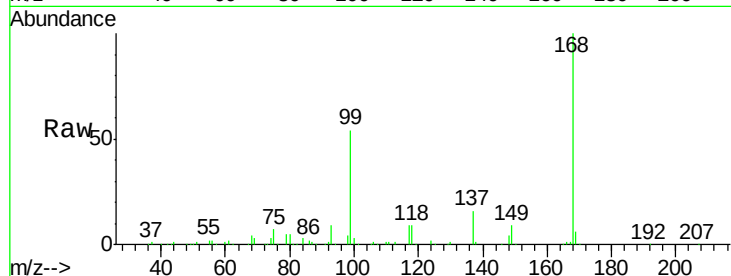
MW-9

Tot Ion:168 Resp: 459147

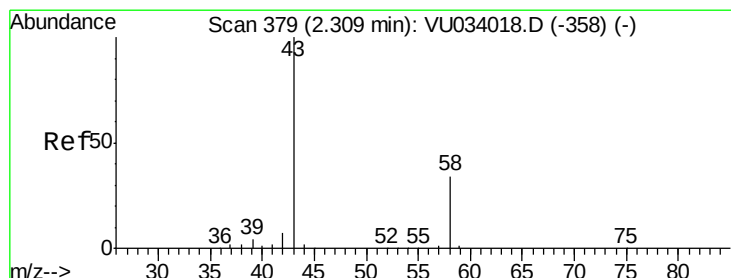
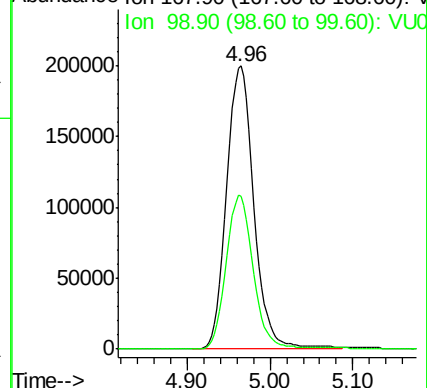
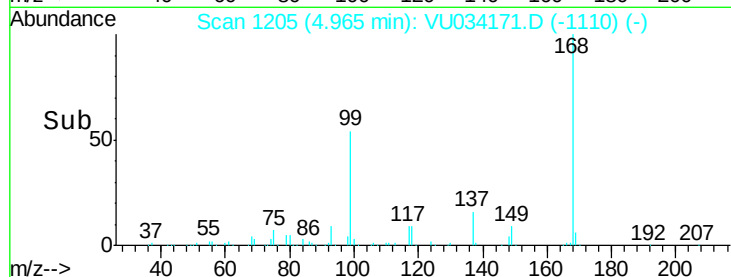
Ion Ratio Lower Upper

168 100

99 54.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034171.D (-1110) (-)



#16

Acetone

Concen: 3.532 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034171.D

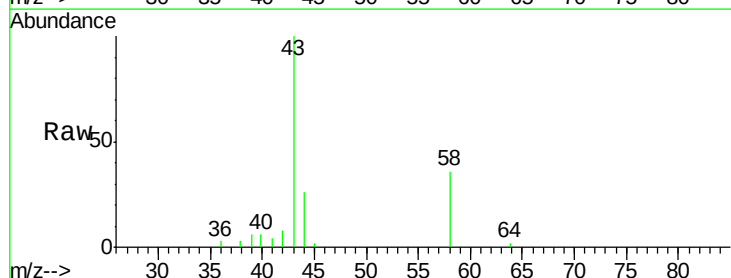
Acq: 01 Sep 2019 16:06

Tgt Ion: 43 Resp: 10604

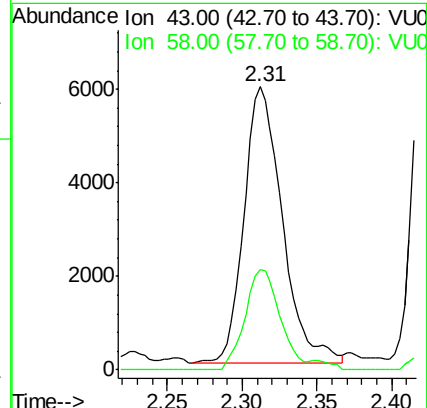
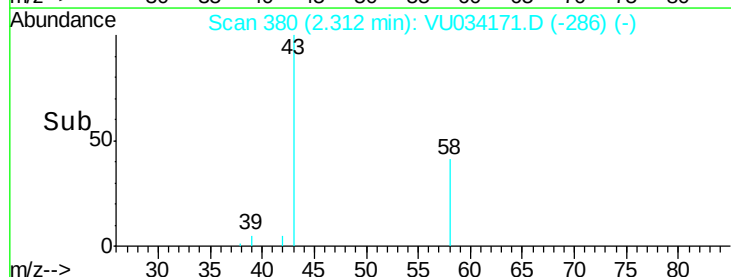
Ion Ratio Lower Upper

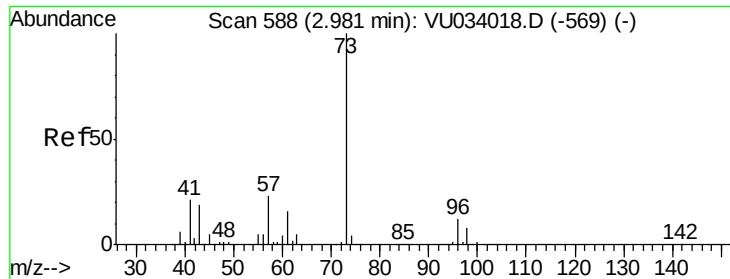
43 100

58 36.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034171.D (-286) (-)

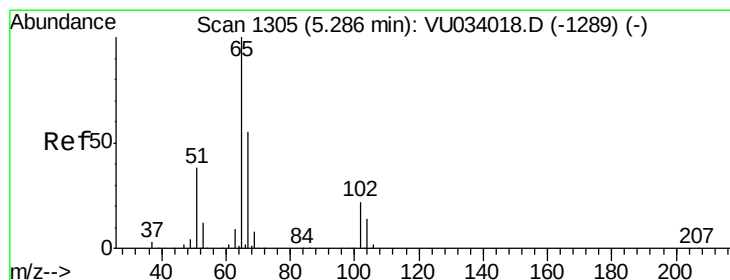
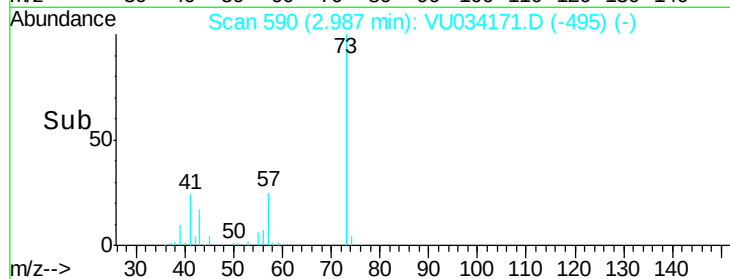
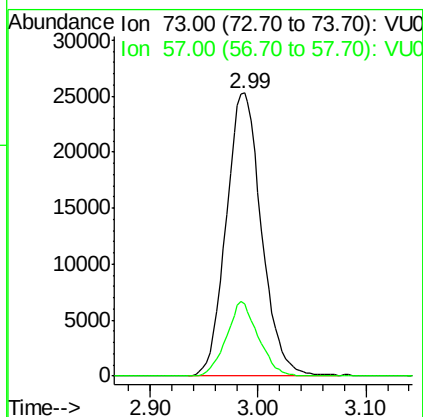
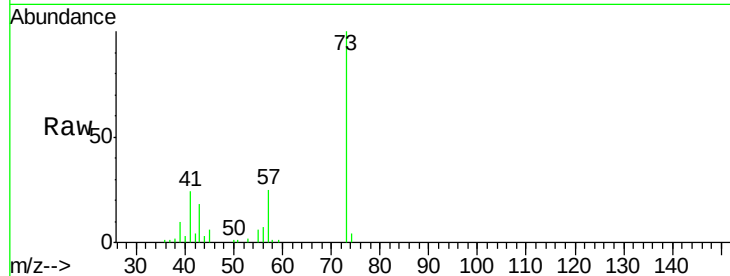




#19
Methyl tert-butyl Ether
Concen: 3.834 ug/l
RT: 2.99 min Scan# 590
Delta R.T. 0.01 min
Lab File: VU034171.D
Acq: 01 Sep 2019 16:06

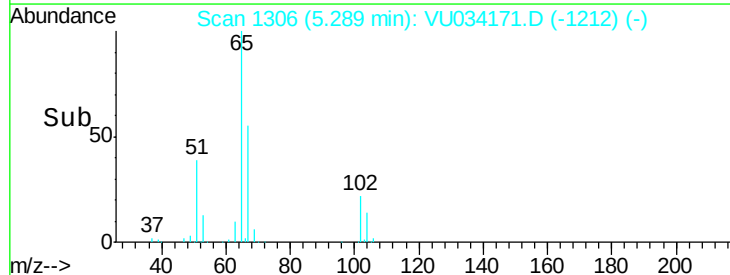
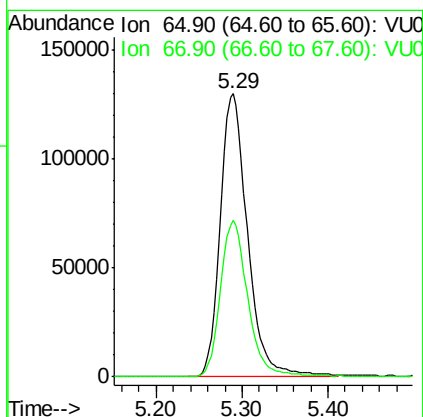
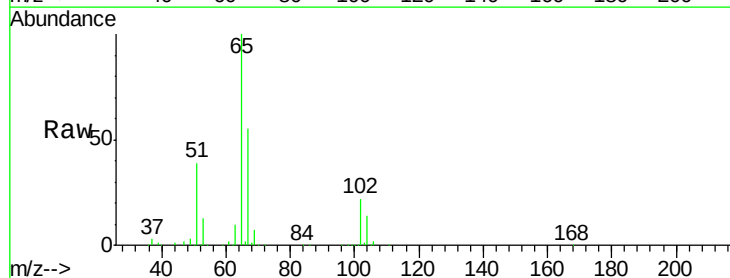
Instrument :
MSVOA_U
ClientSampleId :
MW-9

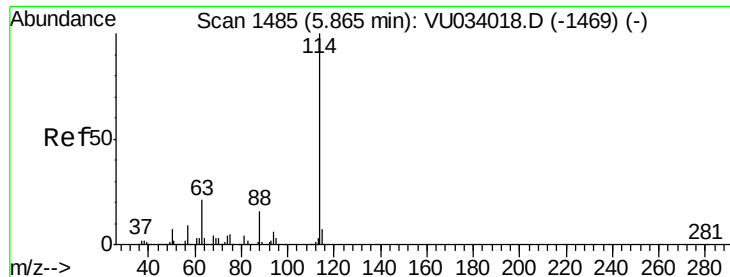
Tot Ion: 73 Resp: 57749
Ion Ratio Lower Upper
73 100
57 25.4 18.3 27.5



#33
1,2-Dichloroethane-d4
Concen: 48.952 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034171.D
Acq: 01 Sep 2019 16:06

Tgt Ion: 65 Resp: 287997
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.6

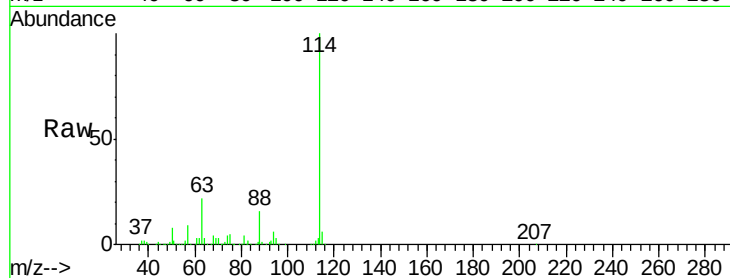




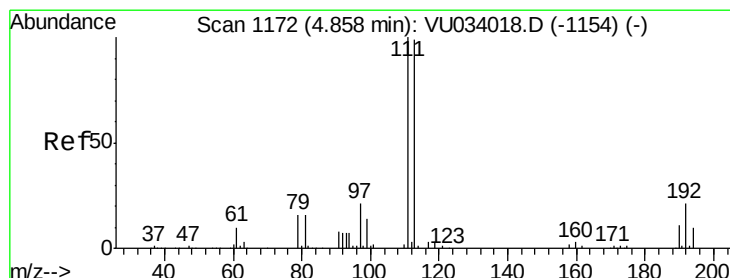
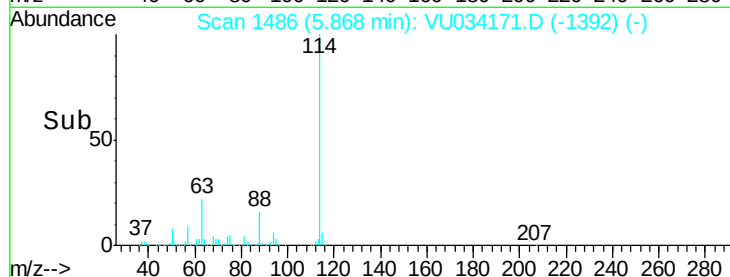
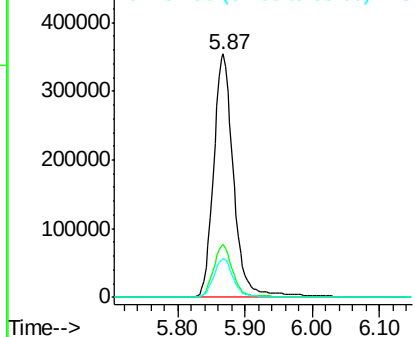
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034171.D
 Acq: 01 Sep 2019 16:06

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9

Tot Ion:114 Resp: 736073
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.0
 88 15.9 0.0 32.0

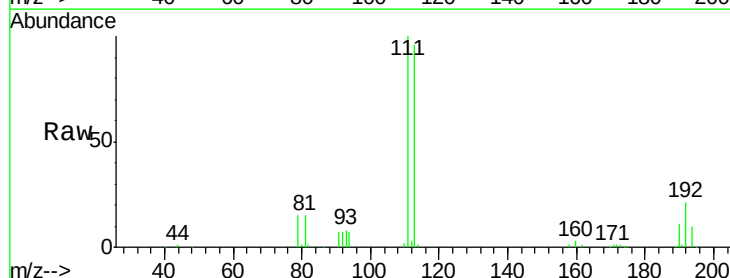


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

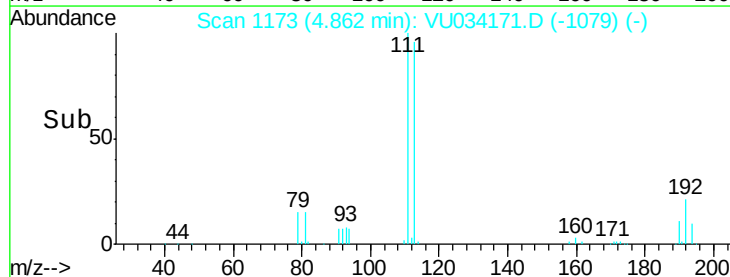
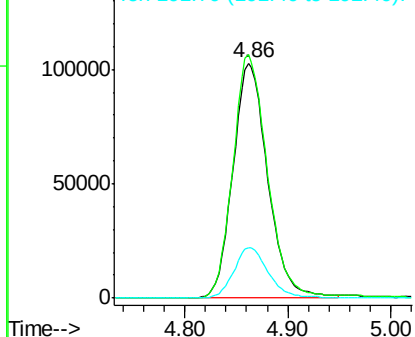


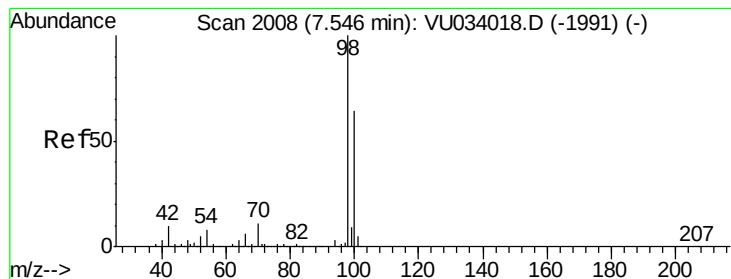
#35
 Dibromofluoromethane
 Concen: 47.301 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034171.D
 Acq: 01 Sep 2019 16:06

Tgt Ion:113 Resp: 241487
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.7 122.5
 192 21.3 17.1 25.7



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: 48.662 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034171.D

Acq: 01 Sep 2019 16:06

Instrument :

MSVOA_U

ClientSampleId :

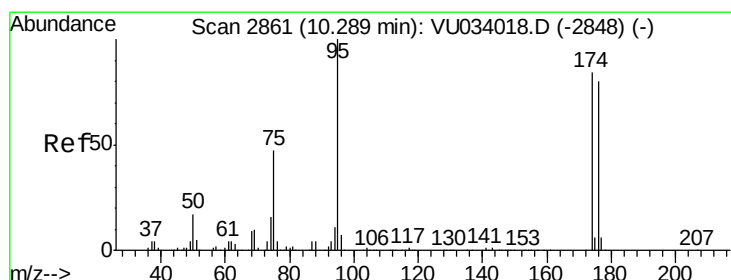
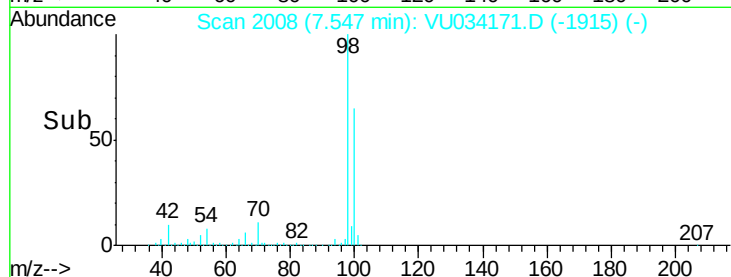
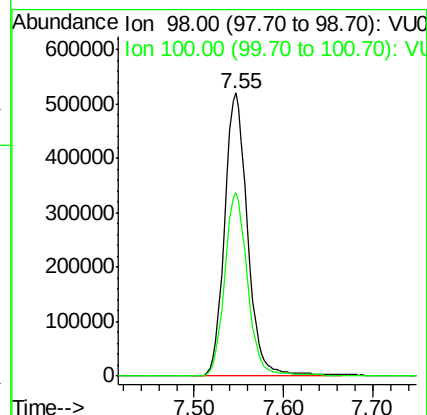
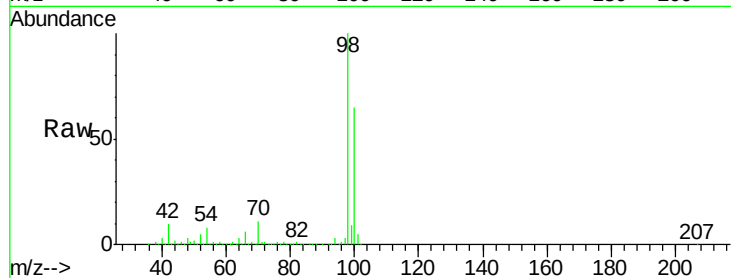
MW-9

Tot Ion: 98 Resp: 930229

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 44.452 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034171.D

Acq: 01 Sep 2019 16:06

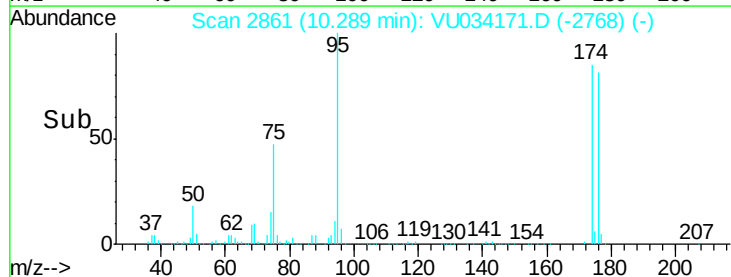
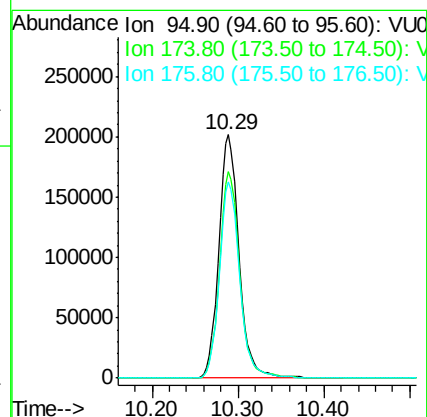
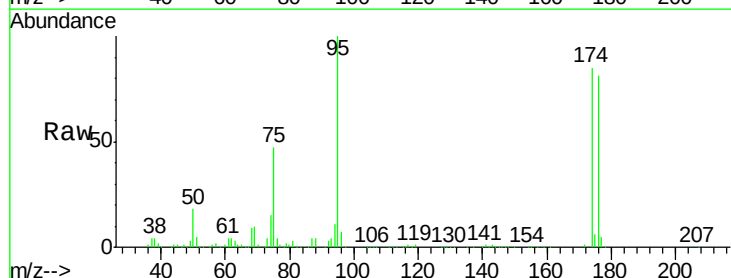
Tgt Ion: 95 Resp: 330547

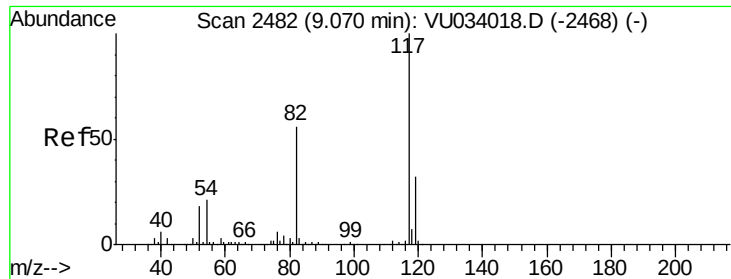
Ion Ratio Lower Upper

95 100

174 84.8 0.0 168.8

176 81.0 0.0 161.8

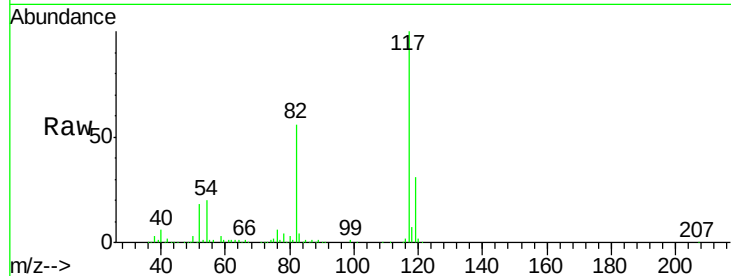




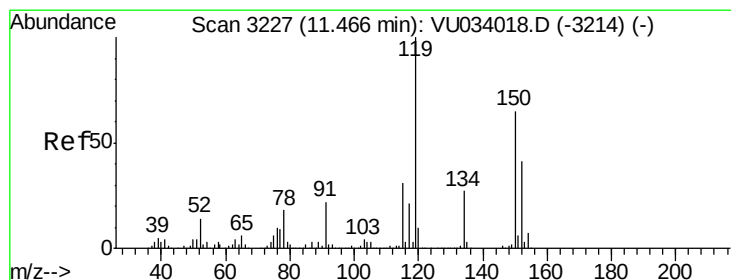
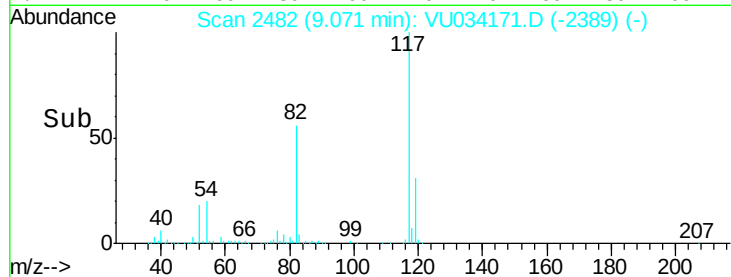
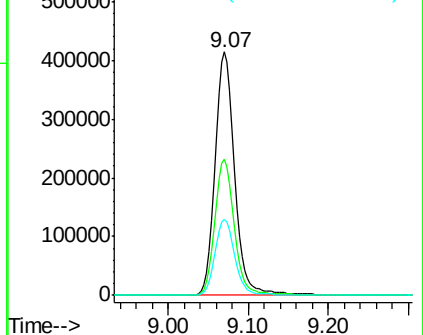
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034171.D
Acq: 01 Sep 2019 16:06

Instrument :
MSVOA_U
ClientSampleId :
MW-9

Tot Ion:117 Resp: 710113
Ion Ratio Lower Upper
117 100
82 55.8 45.1 67.7
119 31.3 25.4 38.0

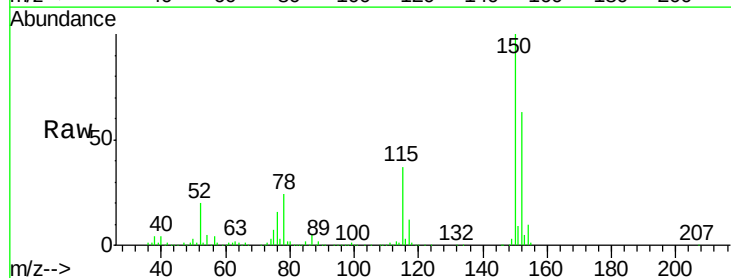


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034171.D
Acq: 01 Sep 2019 16:06

Tgt Ion:152 Resp: 347761
Ion Ratio Lower Upper
152 100
115 57.8 41.1 123.3
150 157.7 0.0 348.8



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

