

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034169.D
 Acq On : 01 Sep 2019 15:19
 Operator : JC/SP
 Sample : K4648-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13

Quant Time: Sep 03 11:50:46 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

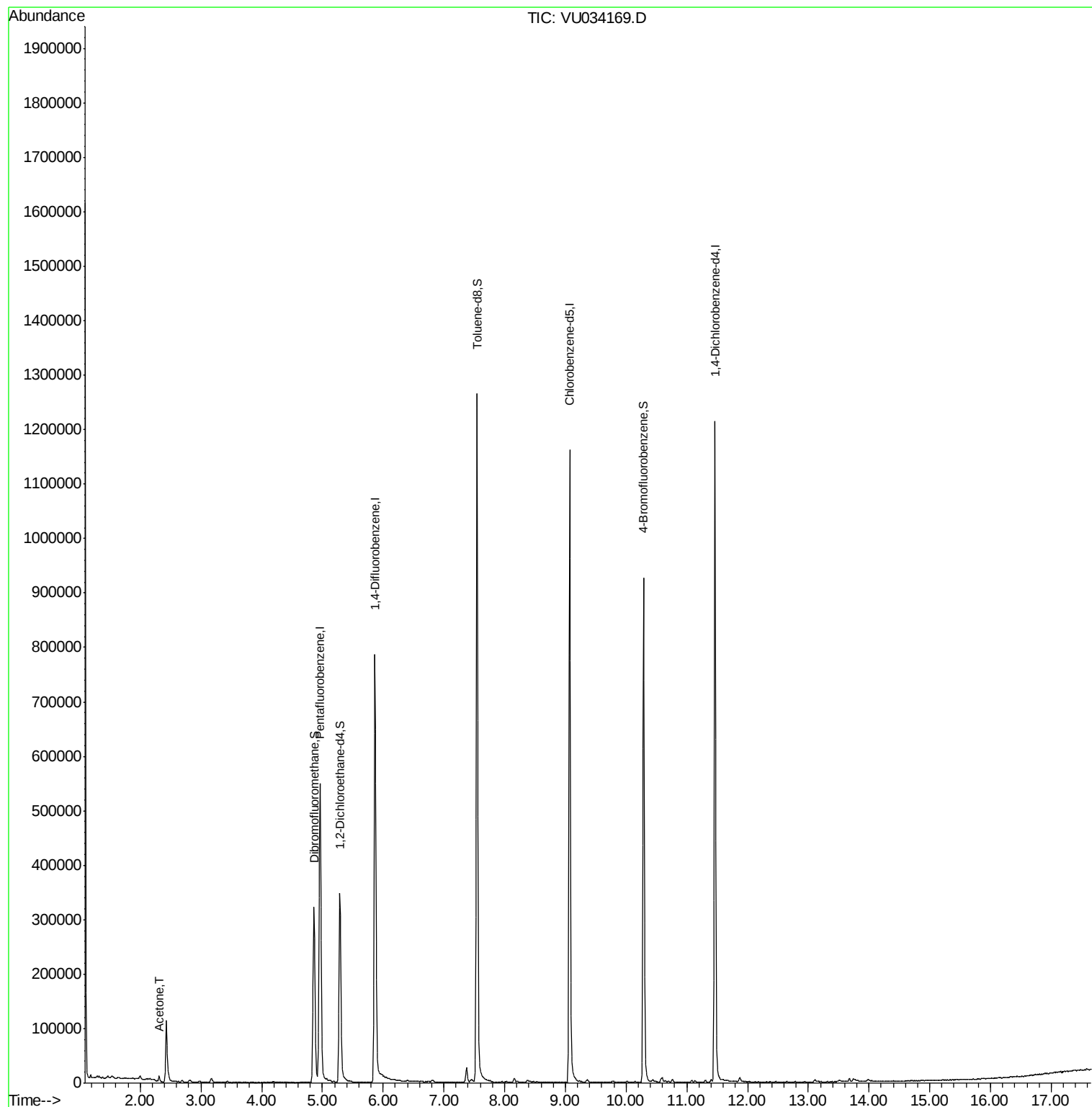
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	437441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	709683	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	682185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	342379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	277803	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	4.86	113	231148	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	7.55	98	895826	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	10.29	95	315823	44.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.10%	
Target Compounds						
16) Acetone	2.31	43	10750	3.759	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: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034169.D

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ClientSampleId :

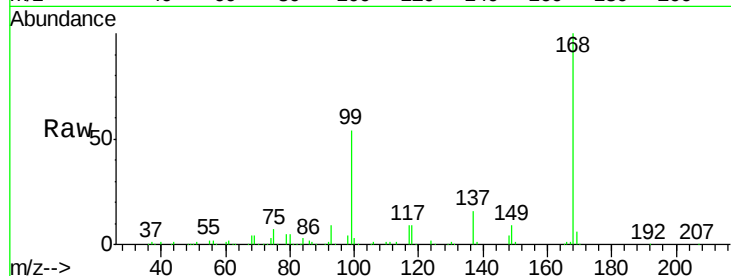
MW-13

Tot Ion:168 Resp: 437441

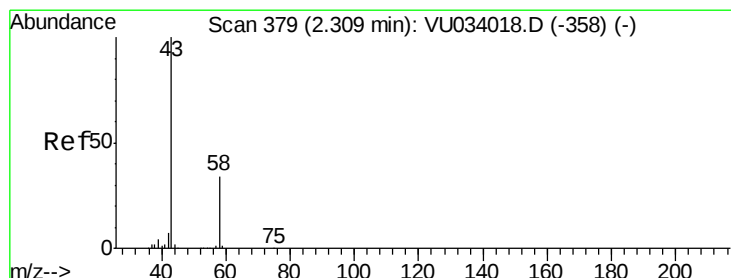
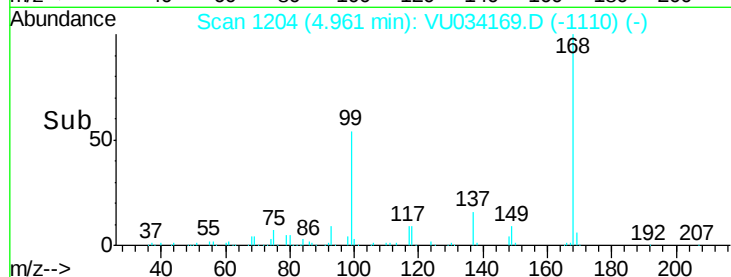
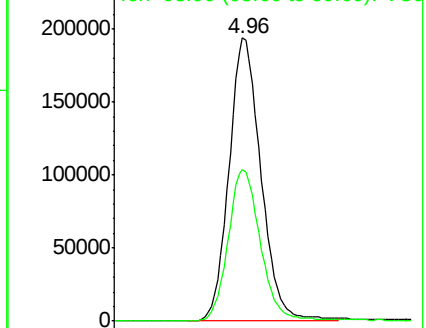
Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034169.D (-1110) (-)



#16

Acetone

Concen: 3.759 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034169.D

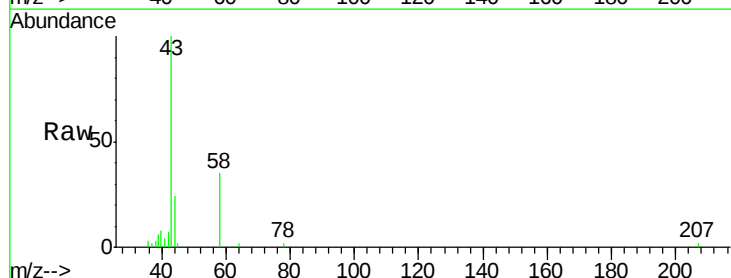
Acq: 01 Sep 2019 15:19

Tgt Ion: 43 Resp: 10750

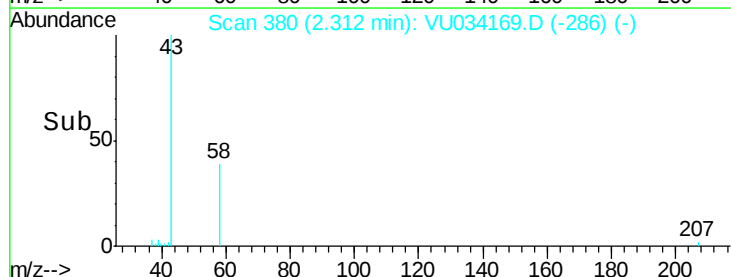
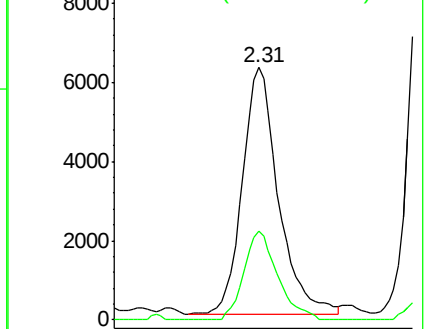
Ion Ratio Lower Upper

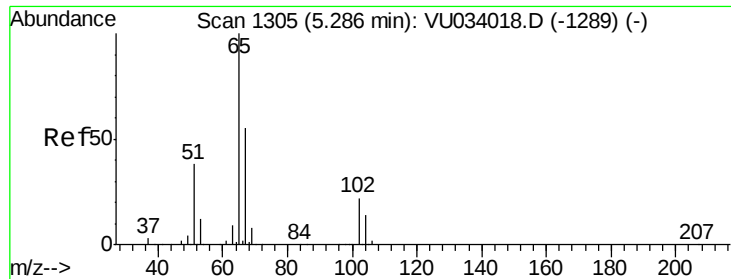
43 100

58 35.9 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034169.D (-286) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.562 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

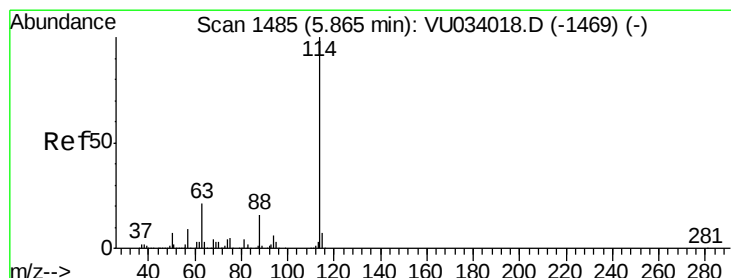
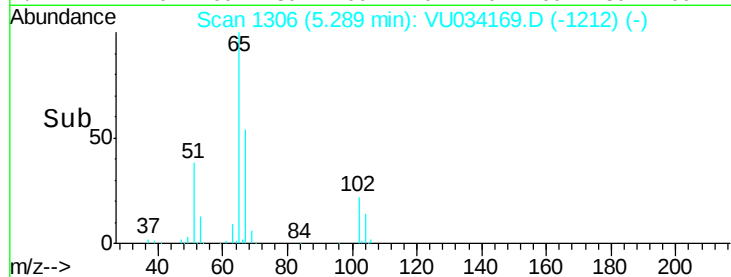
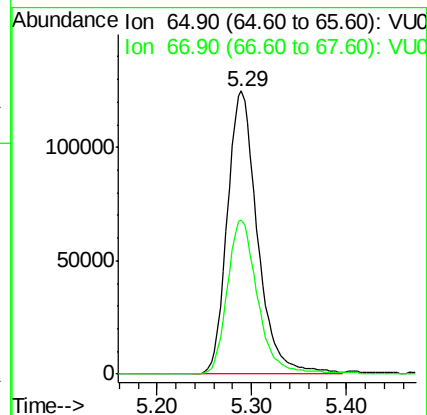
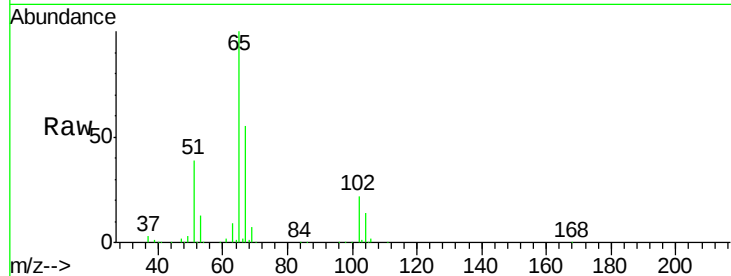
MW-13

Tot Ion: 65 Resp: 277803

Ion Ratio Lower Upper

65 100

67 54.9 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: VU034169.D

Acq: 01 Sep 2019 15:19

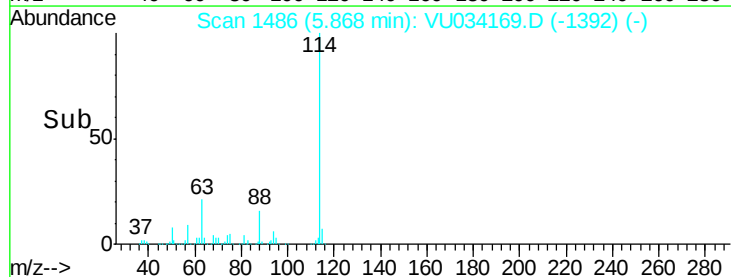
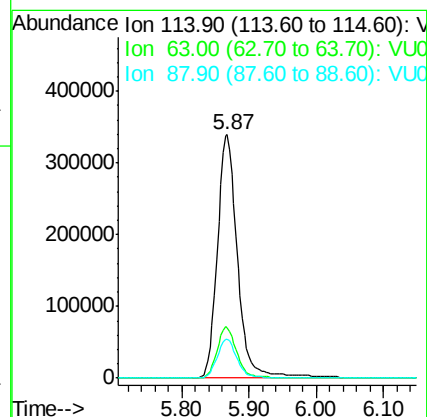
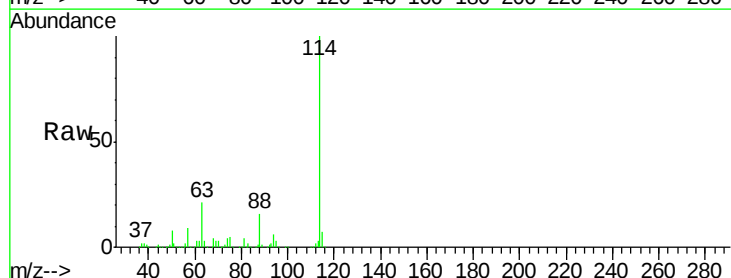
Tgt Ion: 114 Resp: 709683

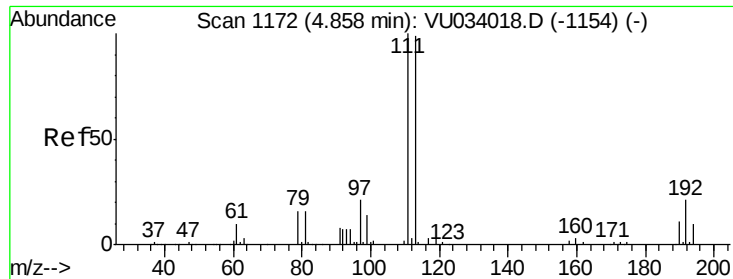
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.0

88 16.1 0.0 32.0

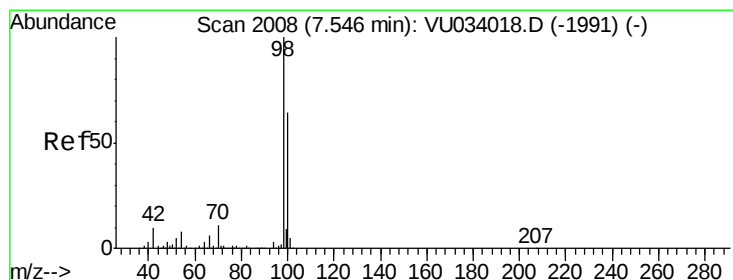
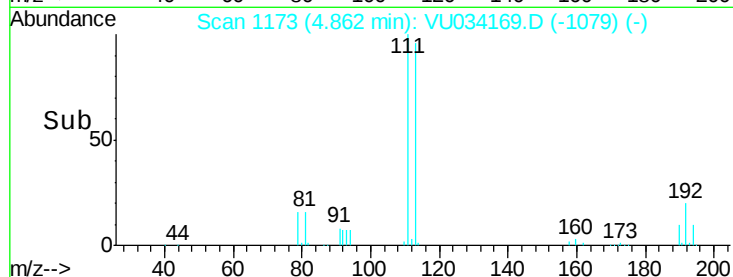
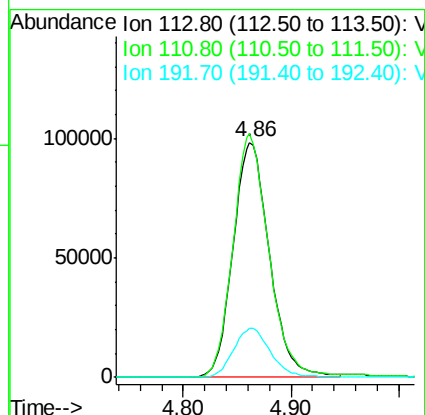
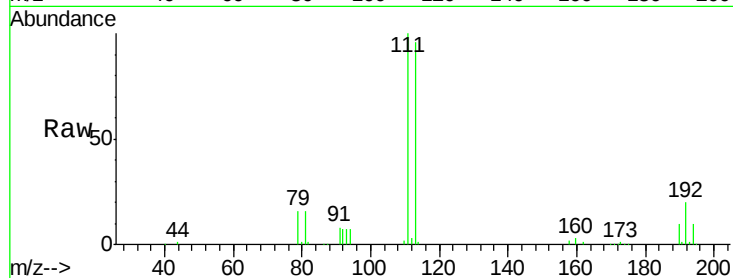




#35
 Dibromofluoromethane
 Concen: 46.959 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034169.D
 Acq: 01 Sep 2019 15:19

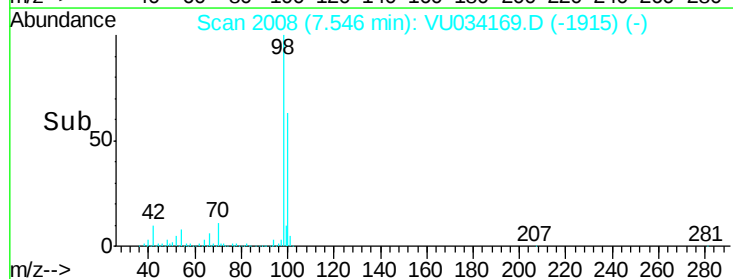
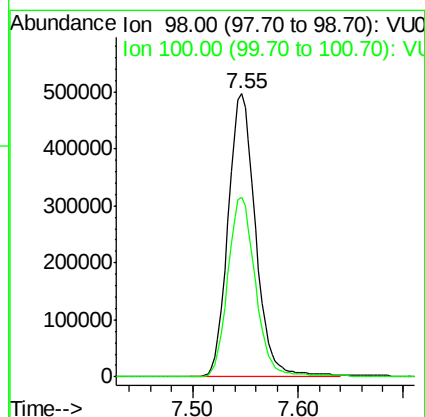
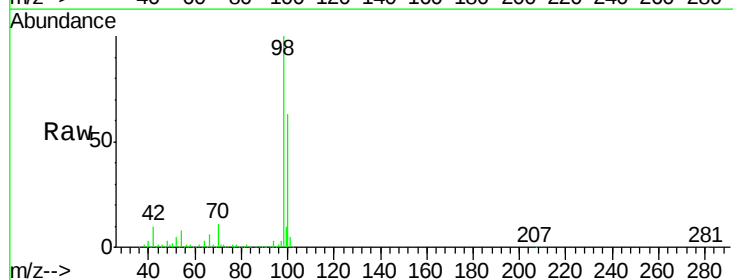
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13

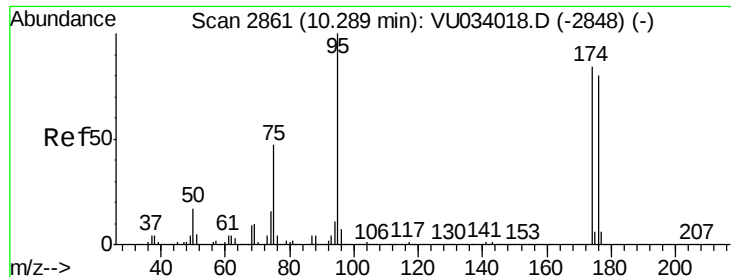
Tot Ion:113 Resp: 231148
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.7 122.5
 192 21.2 17.1 25.7



#50
 Toluene-d8
 Concen: 48.605 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VU034169.D
 Acq: 01 Sep 2019 15:19

Tgt Ion: 98 Resp: 895826
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 44.051 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

MW-13

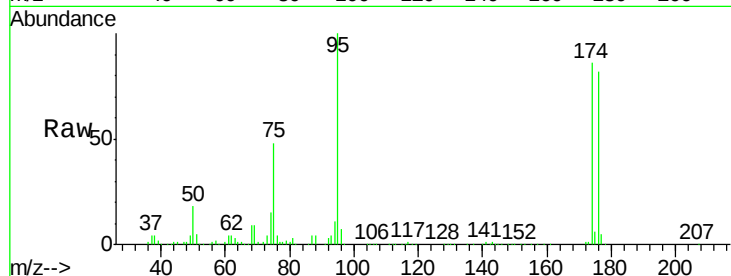
Tot Ion: 95 Resp: 315823

Ion Ratio Lower Upper

95 100

174 85.5 0.0 168.8

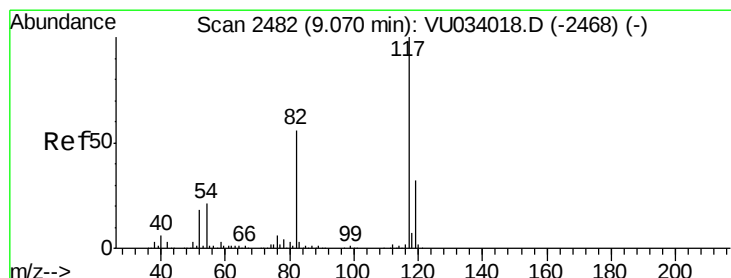
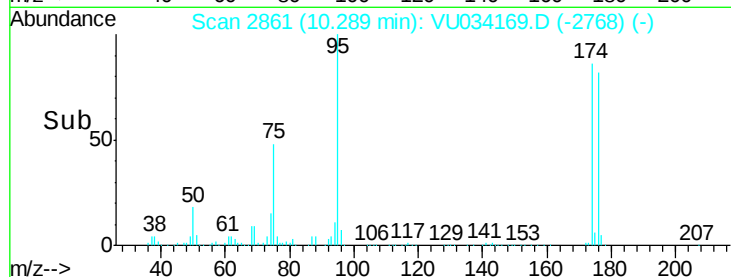
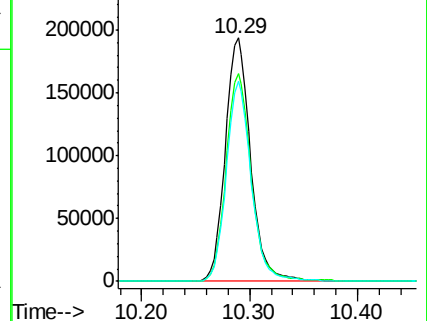
176 81.1 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034018.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034018.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034018.D (-2848) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

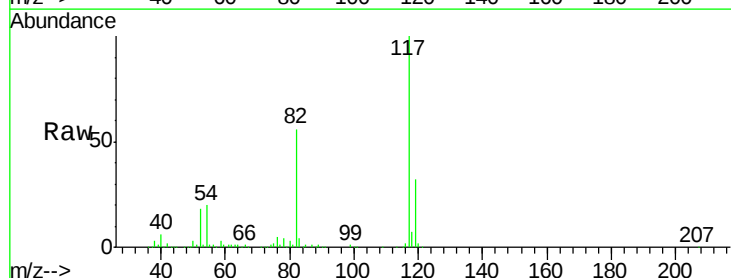
Tgt Ion: 117 Resp: 682185

Ion Ratio Lower Upper

117 100

82 56.3 45.1 67.7

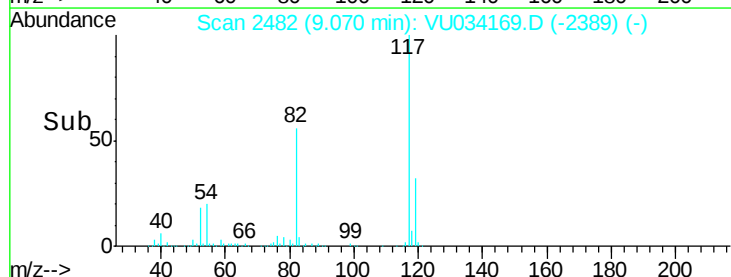
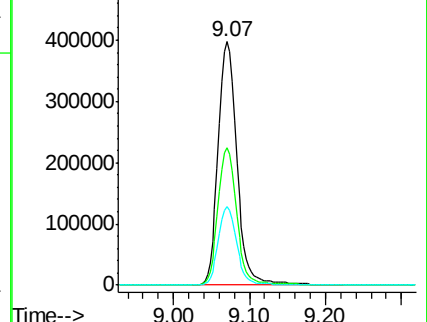
119 32.1 25.4 38.0

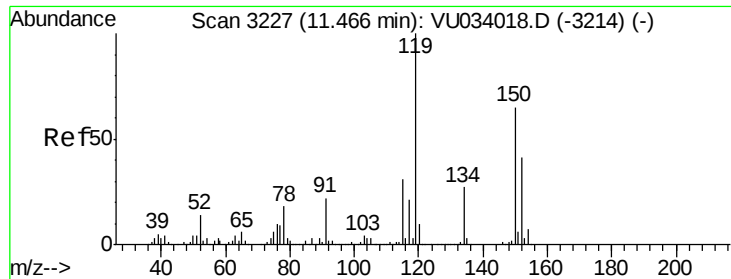


Abundance Ion 116.90 (116.60 to 117.60): VU034018.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034018.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034018.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

MW-13

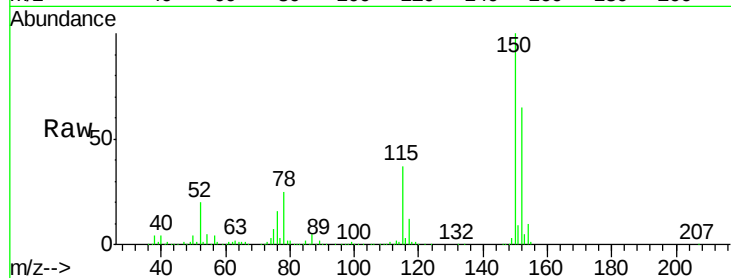
Tot Ion:152 Resp: 342379

Ion Ratio Lower Upper

152 100

115 57.1 41.1 123.3

150 156.1 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

