

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034167.D
 Acq On : 01 Sep 2019 14:33
 Operator : JC/SP
 Sample : K4648-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12

Quant Time: Sep 03 11:50:04 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

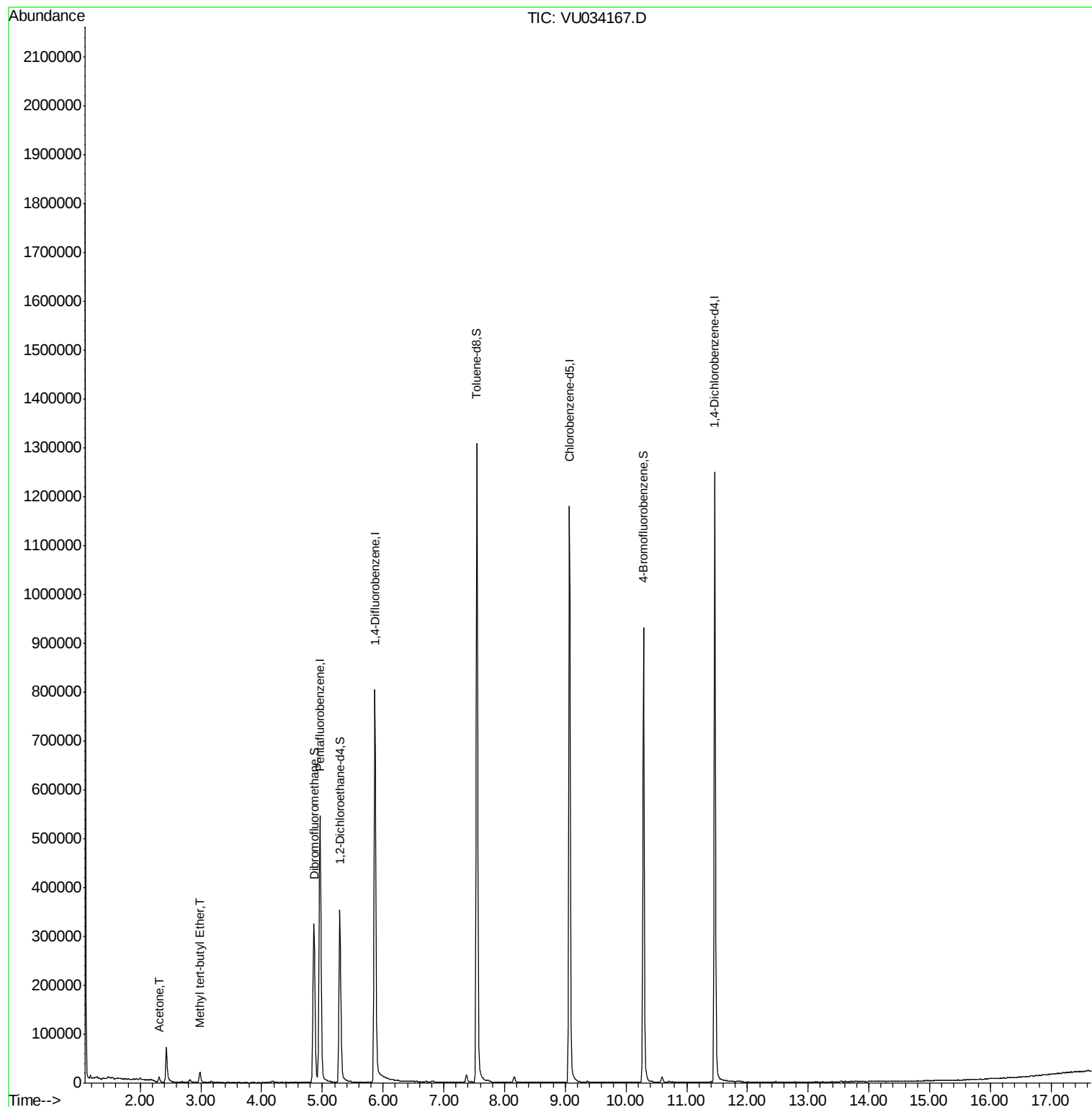
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	439487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	716484	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	696026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	348000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	282749	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
35) Dibromofluoromethane	4.86	113	235914	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
50) Toluene-d8	7.55	98	911277	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	10.29	95	320240	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
Target Compounds						
16) Acetone	2.31	43	10569	3.678	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	21632	1.501	ug/l	94

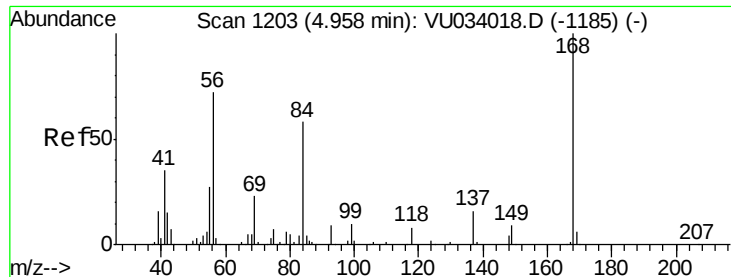
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034167.D

Acq: 01 Sep 2019 14:33

Instrument :

MSVOA_U

ClientSampleId :

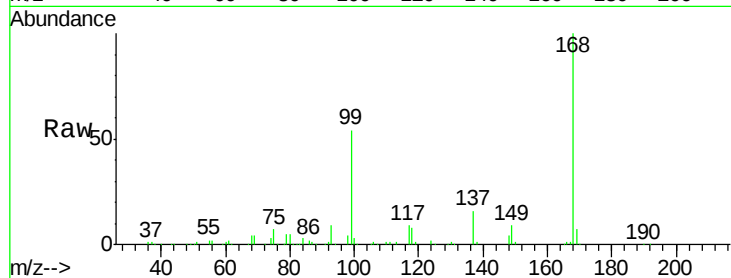
MW-12

Tot Ion:168 Resp: 439487

Ion Ratio Lower Upper

168 100

99 54.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034167.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034167.D (-1110) (-)

4.96

200000

150000

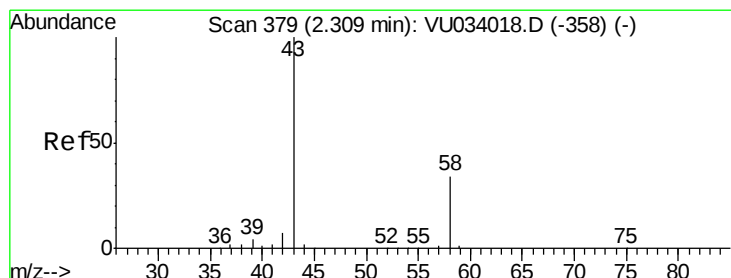
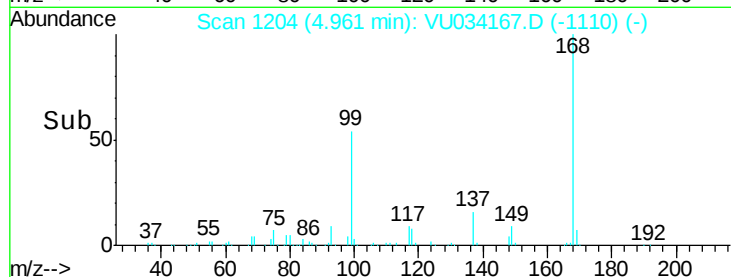
100000

50000

0

4.90 5.00

Time-->



#16

Acetone

Concen: 3.678 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034167.D

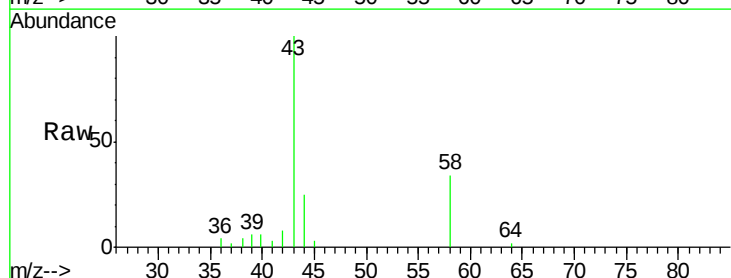
Acq: 01 Sep 2019 14:33

Tgt Ion: 43 Resp: 10569

Ion Ratio Lower Upper

43 100

58 34.7 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034167.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034167.D (-286) (-)

2.31

6000

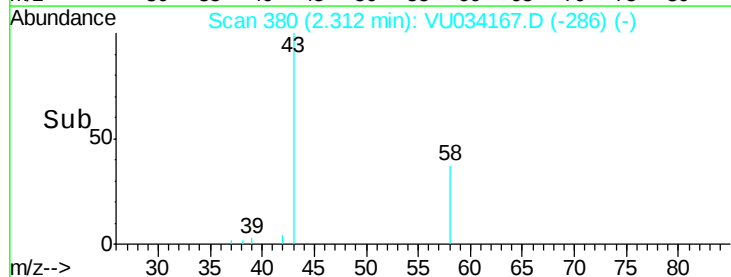
4000

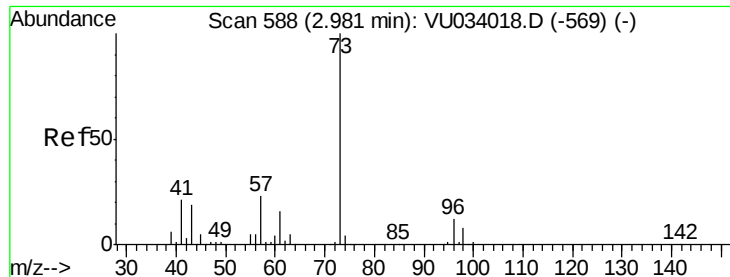
2000

0

2.25 2.30 2.35 2.40

Time-->

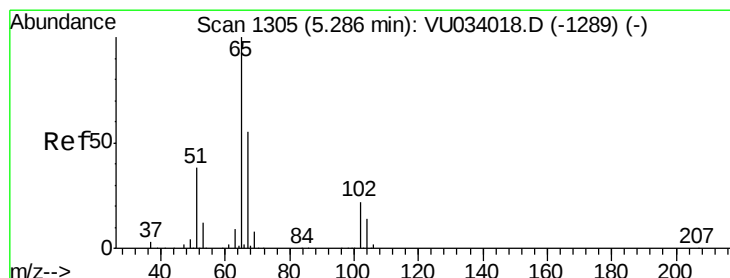
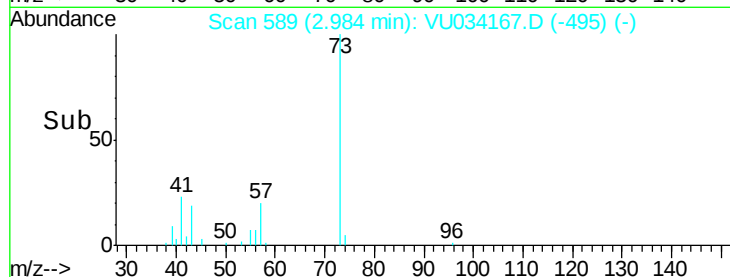
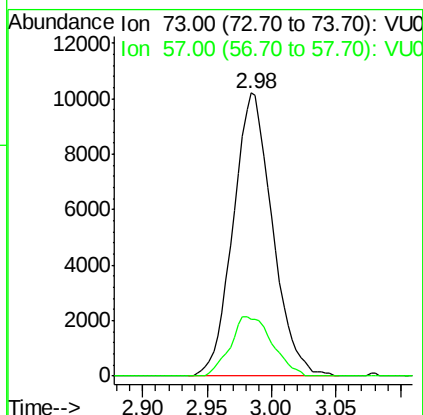
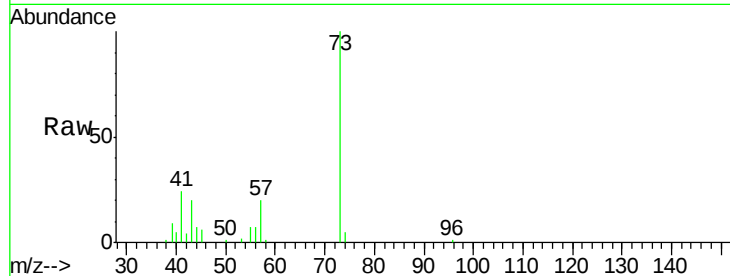




#19
Methvl tert-butvl Ether
Concen: 1.501 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034167.D
Acq: 01 Sep 2019 14:33

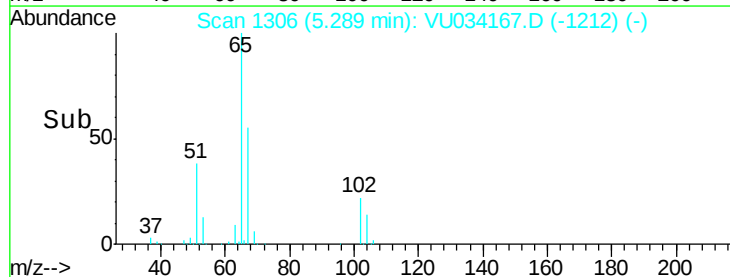
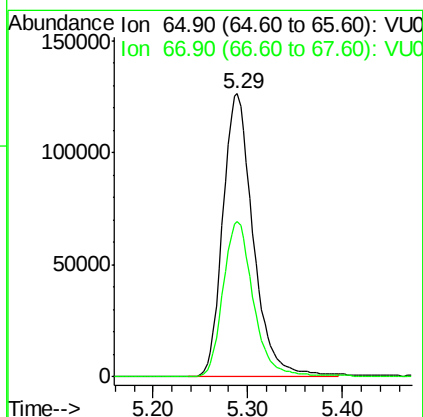
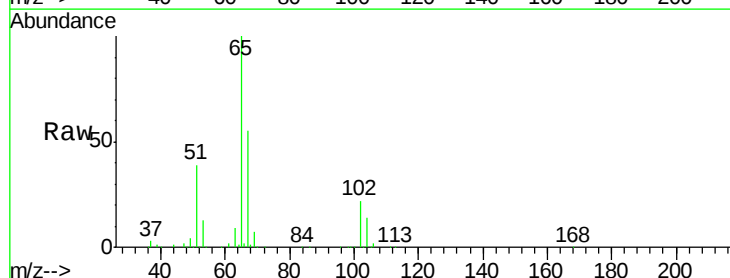
Instrument :
MSVOA_U
ClientSampleId :
MW-12

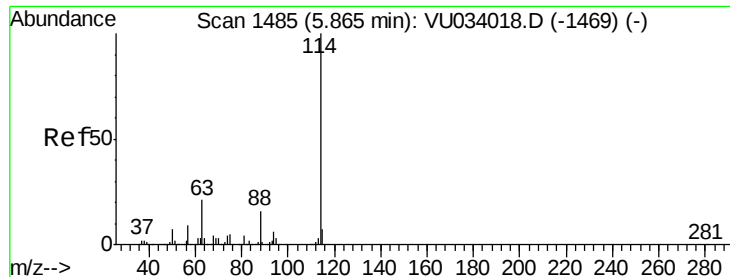
Tot Ion: 73 Resp: 21632
Ion Ratio Lower Upper
73 100
57 20.1 18.3 27.5



#33
1,2-Dichloroethane-d4
Concen: 50.210 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034167.D
Acq: 01 Sep 2019 14:33

Tgt Ion: 65 Resp: 282749
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.6

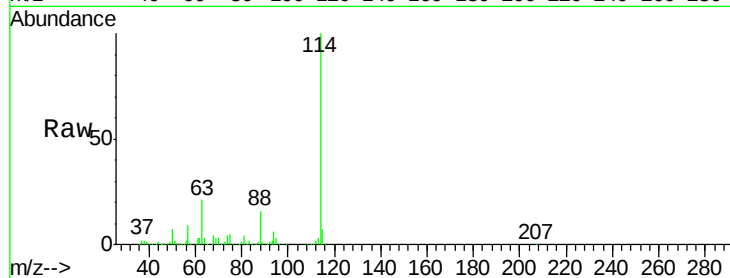




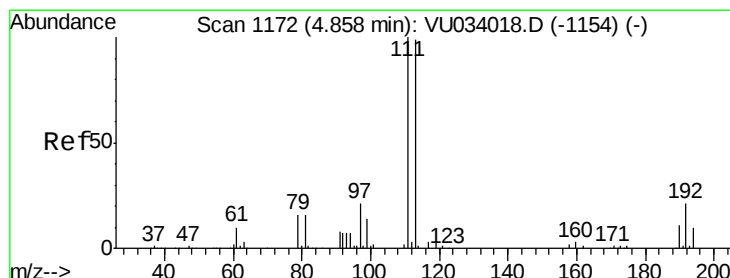
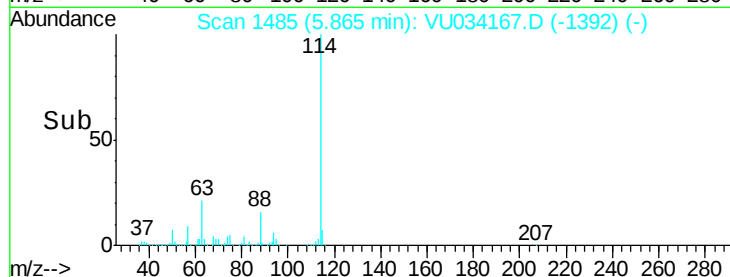
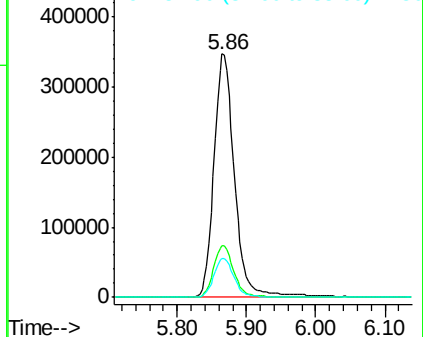
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034167.D
 Acq: 01 Sep 2019 14:33

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12

Tot Ion:114 Resp: 716484
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.0
 88 16.1 0.0 32.0

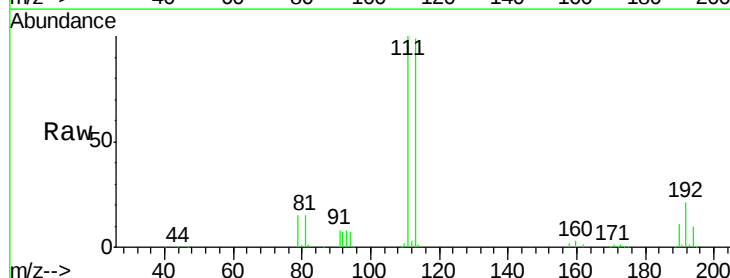


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

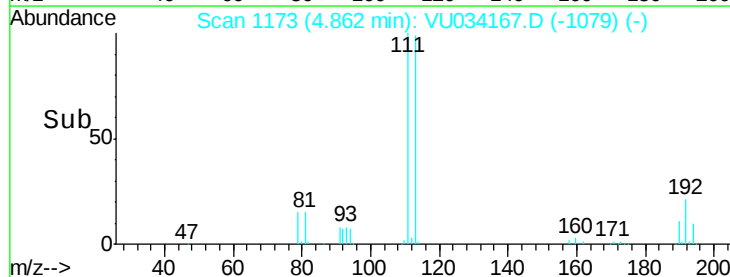
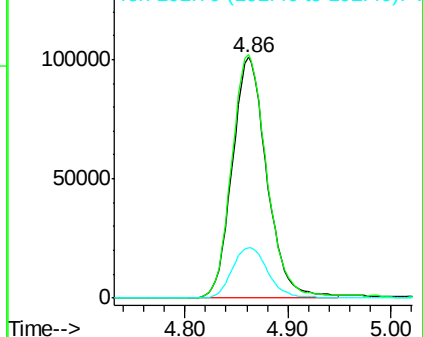


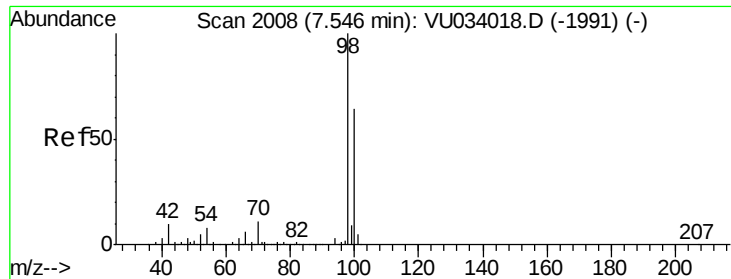
#35
 Dibromofluoromethane
 Concen: 47.473 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034167.D
 Acq: 01 Sep 2019 14:33

Tgt Ion:113 Resp: 235914
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.7 122.5
 192 21.8 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

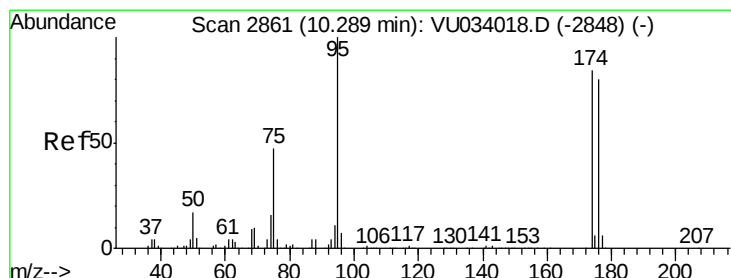
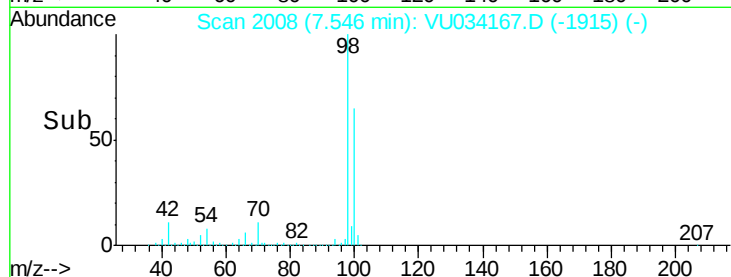
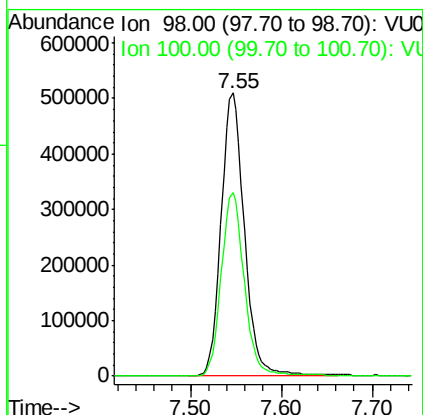
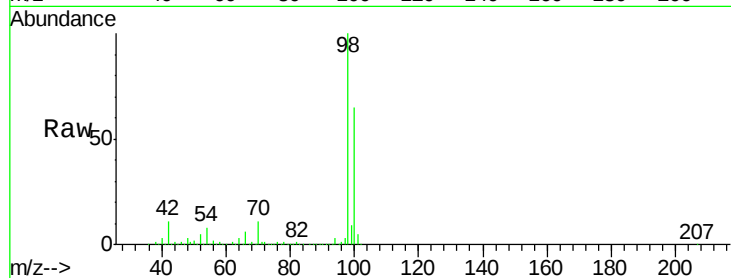




#50
Toluene-d8
Concen: 48.974 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034167.D
Acq: 01 Sep 2019 14:33

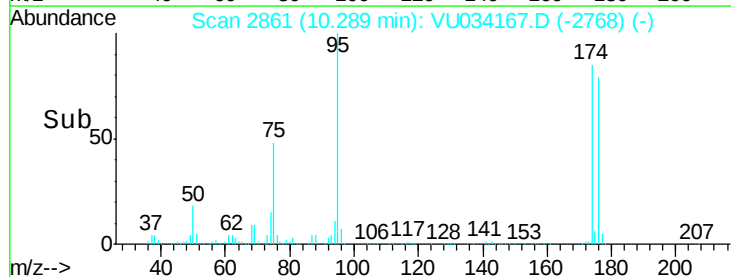
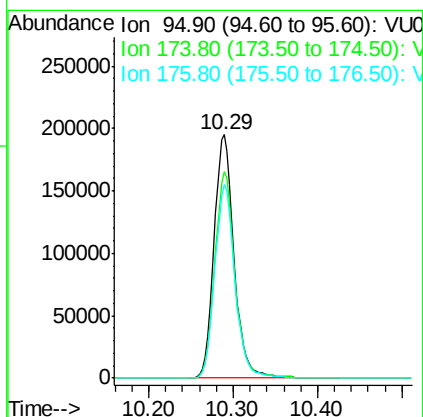
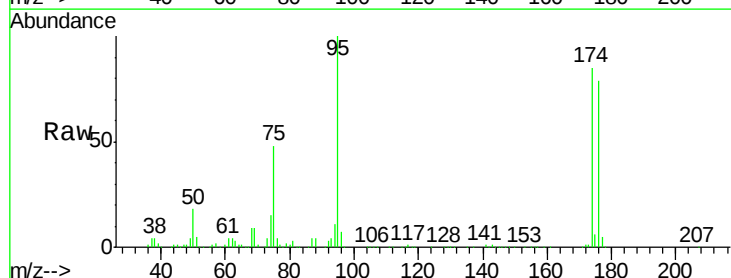
Instrument :
MSVOA_U
ClientSampled :
MW-12

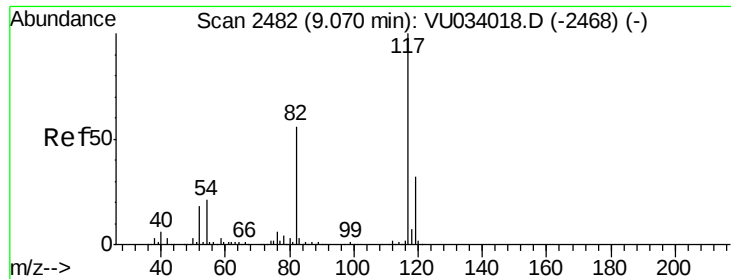
Tot Ion: 98 Resp: 911277
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.243 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034167.D
Acq: 01 Sep 2019 14:33

Tgt Ion: 95 Resp: 320240
Ion Ratio Lower Upper
95 100
174 85.5 0.0 168.8
176 80.7 0.0 161.8

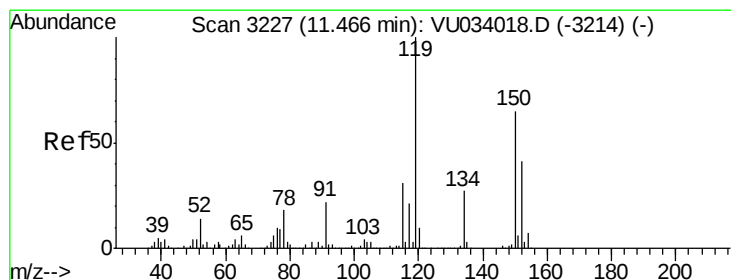
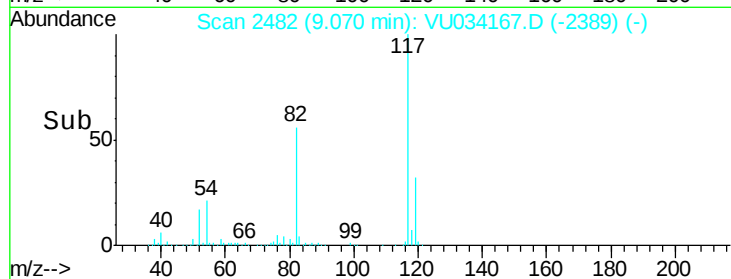
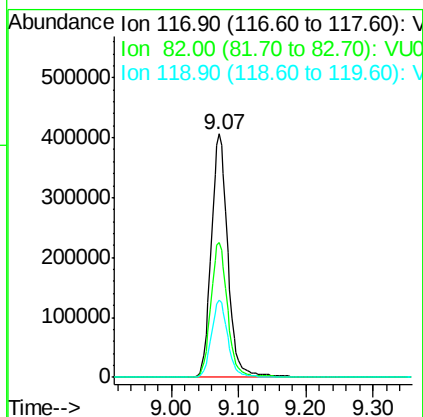
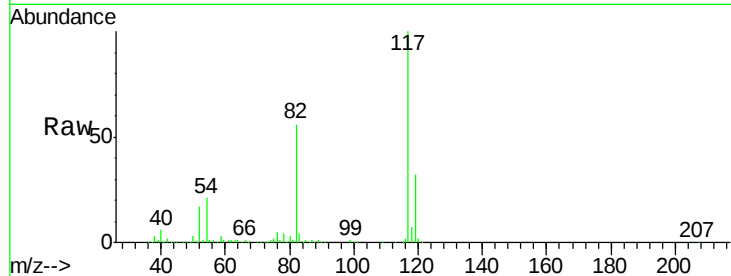




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034167.D
Acq: 01 Sep 2019 14:33

Instrument :
MSVOA_U
ClientSampleId :
MW-12

Tot Ion:117 Resp: 696026
Ion Ratio Lower Upper
117 100
82 55.6 45.1 67.7
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034167.D
Acq: 01 Sep 2019 14:33

Tgt Ion:152 Resp: 348000
Ion Ratio Lower Upper
152 100
115 56.6 41.1 123.3
150 155.0 0.0 348.8

