

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034347.D
 Acq On : 06 Sep 2019 22:22
 Operator : JC/SP
 Sample : VU0907WBL02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBL02

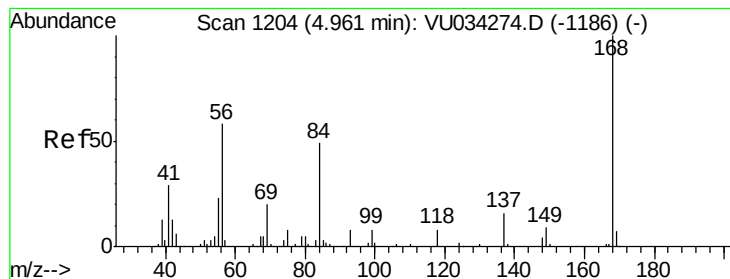
Quant Time: Sep 07 04:53:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	299115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	437656	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	433814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	259830	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	222343	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	4.86	113	194860	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	7.55	98	738340	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	10.29	95	267567	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

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MSVOA_U

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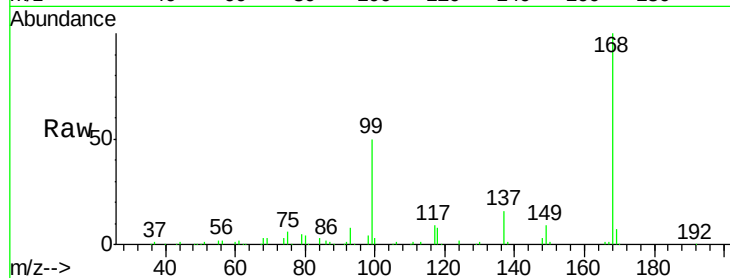
VU0907WBL02

Tot Ion:168 Resp: 299115

Ion Ratio Lower Upper

168 100

99 49.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034347.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034347.D (-1186) (-)

4.96

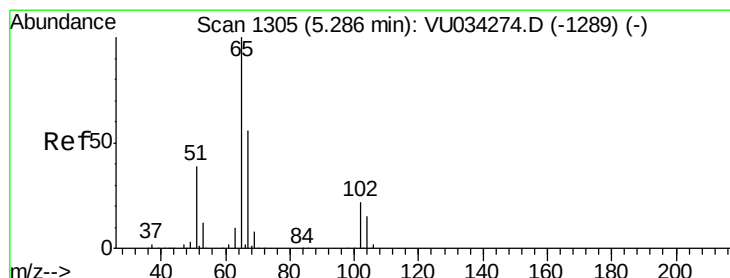
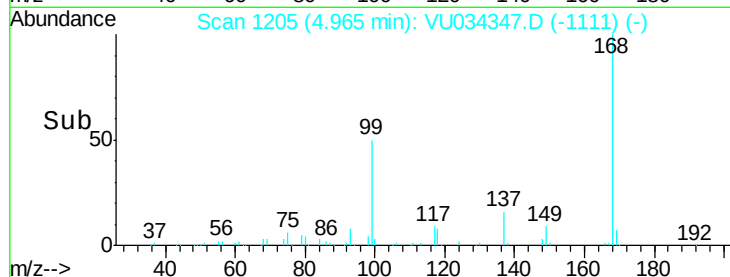
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.129 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034347.D

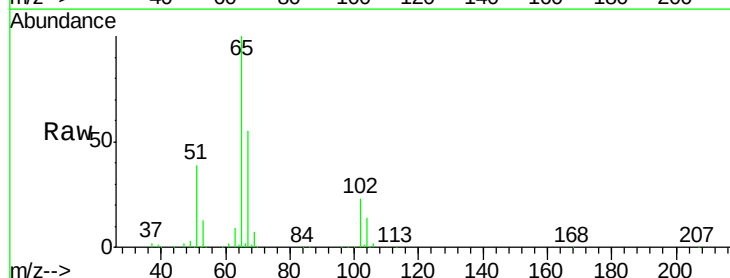
Acq: 06 Sep 2019 22:22

Tgt Ion: 65 Resp: 222343

Ion Ratio Lower Upper

65 100

67 55.8 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034347.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034347.D (-1212) (-)

5.29

120000

100000

80000

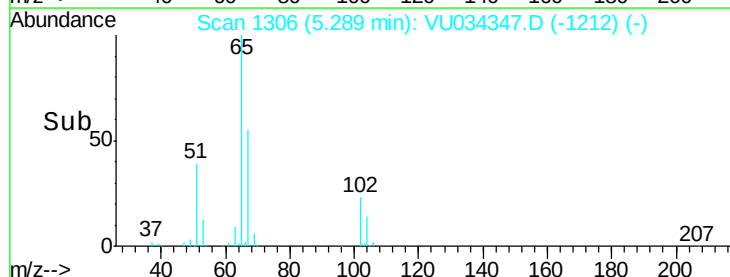
60000

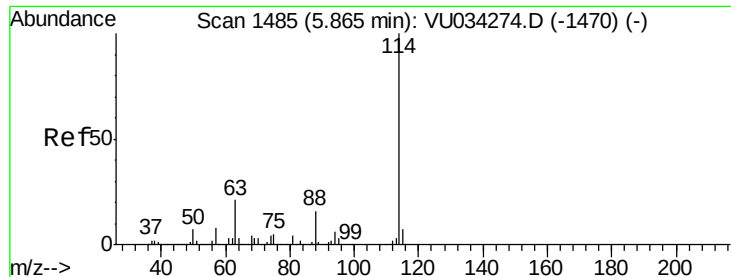
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034347.D

Acq: 06 Sep 2019 22:22

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBL02

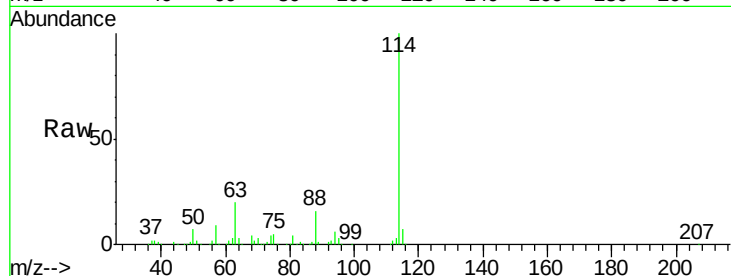
Tot Ion:114 Resp: 437656

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

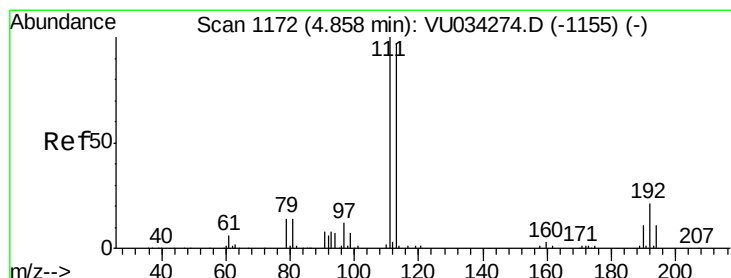
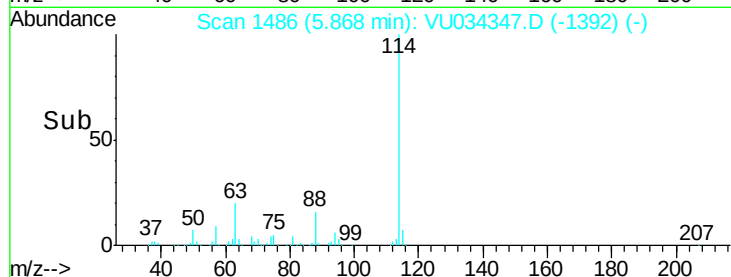
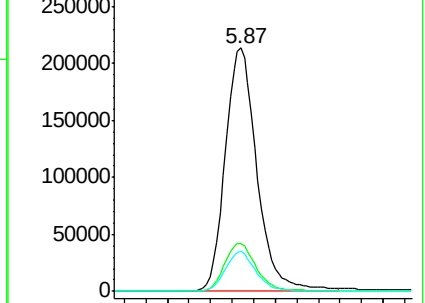
88 16.3 0.0 32.4



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: 47.849 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034347.D

Acq: 06 Sep 2019 22:22

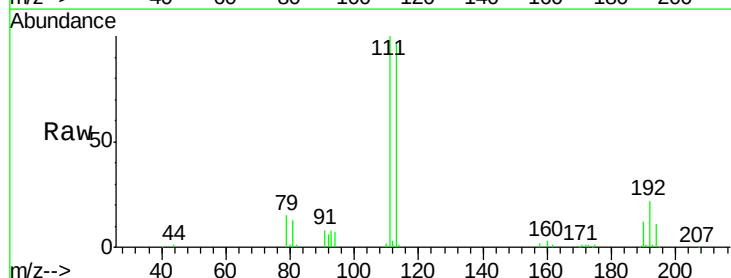
Tgt Ion:113 Resp: 194860

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

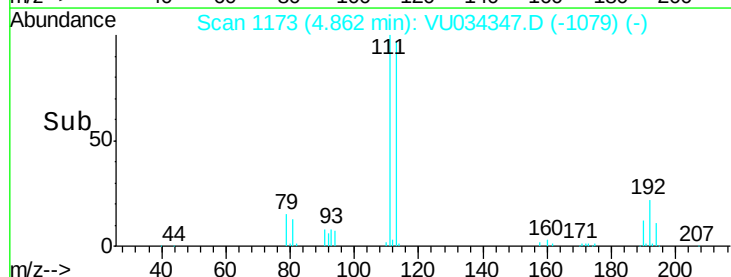
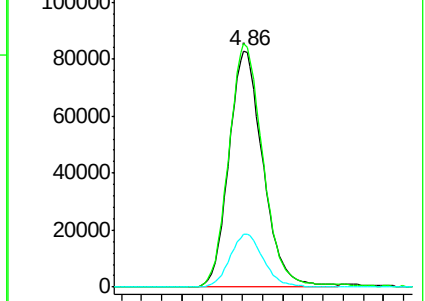
192 22.0 17.8 26.8

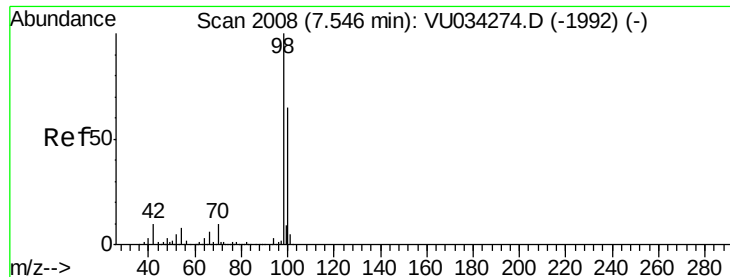


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

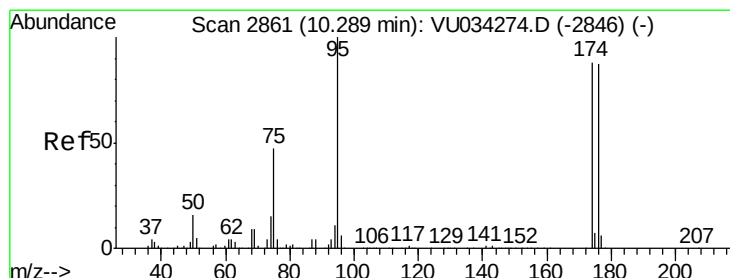
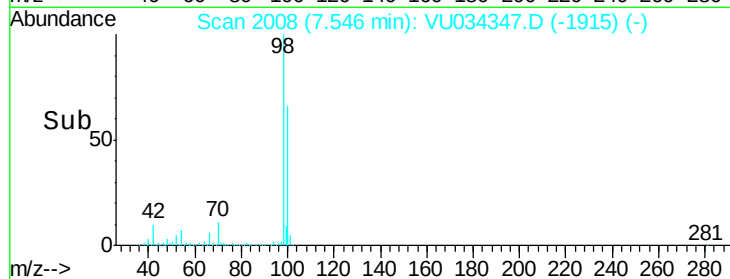
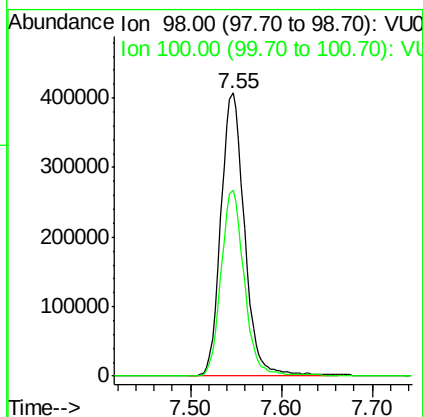
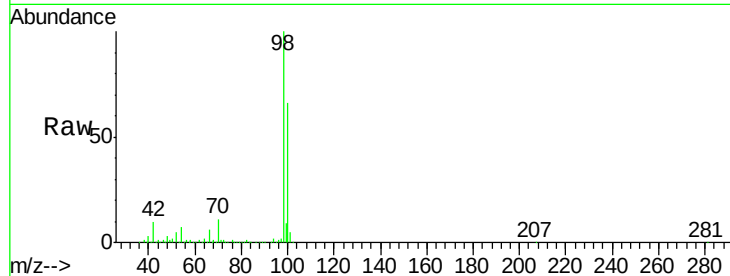




#50
Toluene-d8
Concen: 48.257 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034347.D
Acq: 06 Sep 2019 22:22

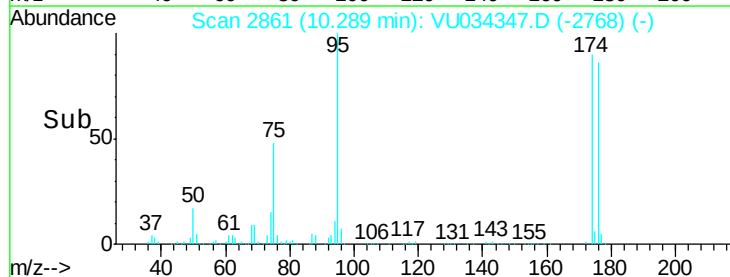
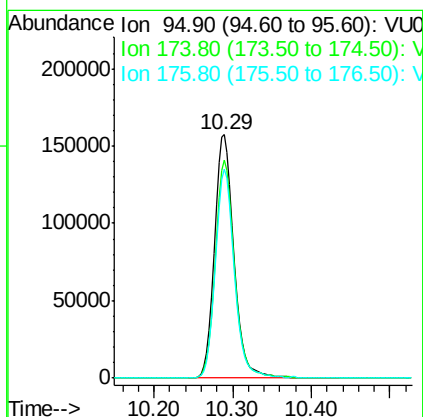
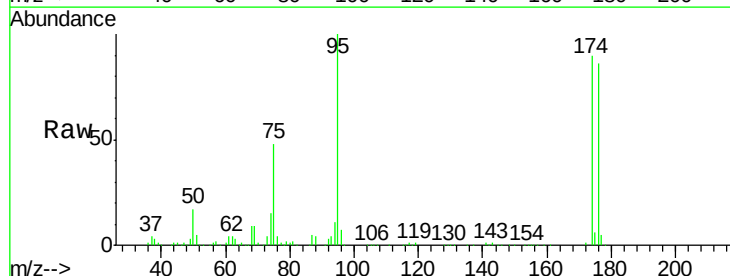
Instrument :
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VU0907WBL02

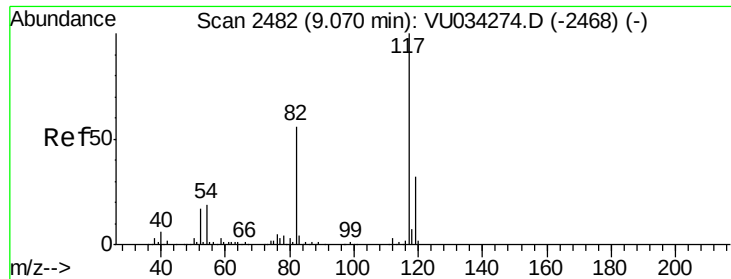
Tot Ion: 98 Resp: 738340
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.295 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034347.D
Acq: 06 Sep 2019 22:22

Tgt Ion: 95 Resp: 267567
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.2
176 83.5 0.0 168.0

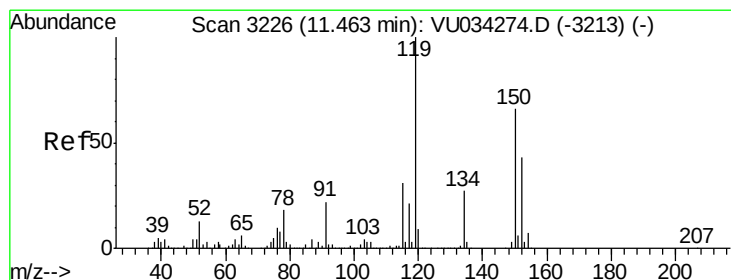
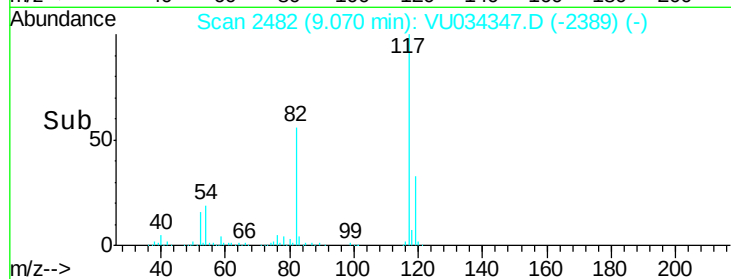
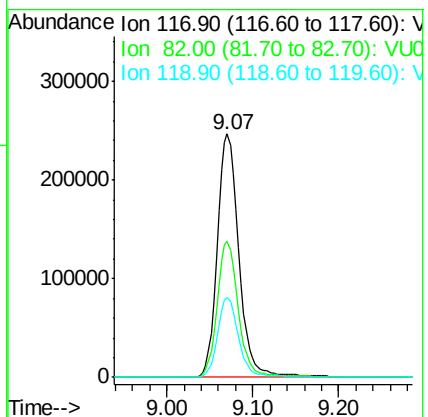
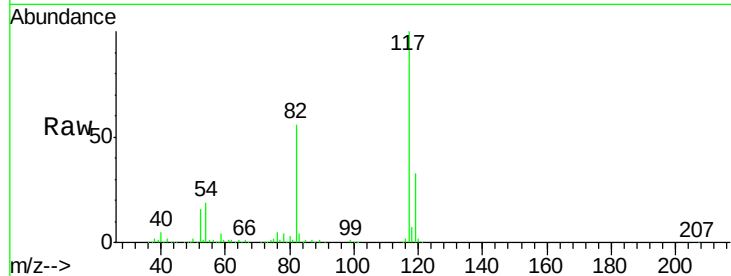




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034347.D
Acq: 06 Sep 2019 22:22

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBL02

Tot Ion:117 Resp: 433814
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034347.D
Acq: 06 Sep 2019 22:22

Tgt Ion:152 Resp: 259830
Ion Ratio Lower Upper
152 100
115 55.8 39.1 117.3
150 157.7 0.0 345.4

