

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034481.D
 Acq On : 11 Sep 2019 17:56
 Operator : JC/SP
 Sample : VU0912WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBL01

Quant Time: Sep 12 05:10:14 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	233900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	346170	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	345639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	196581	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	205127	57.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.92%	
35) Dibromofluoromethane	4.86	113	181280	56.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.56%	
50) Toluene-d8	7.55	98	619291	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	10.29	95	212784	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	

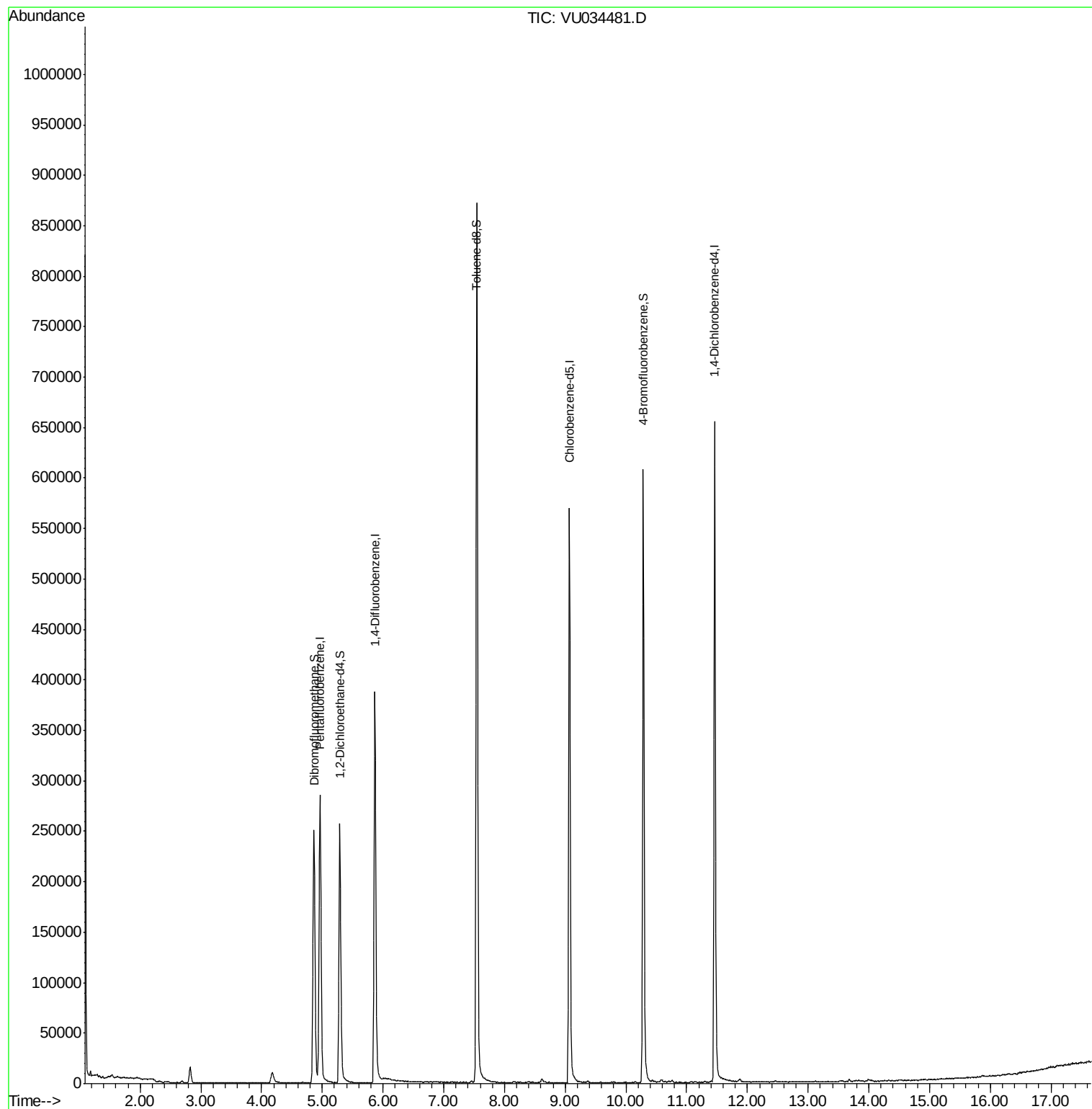
Target Compounds	Qvalue

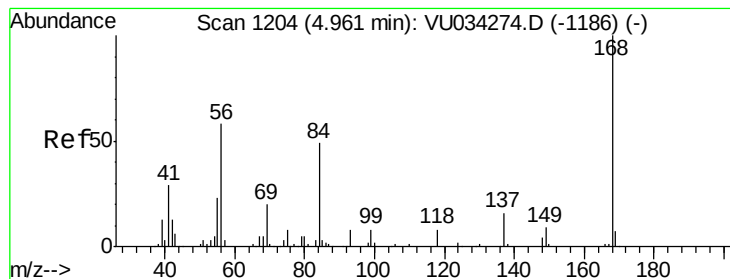
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034481.D

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Instrument :

MSVOA_U

ClientSampleId :

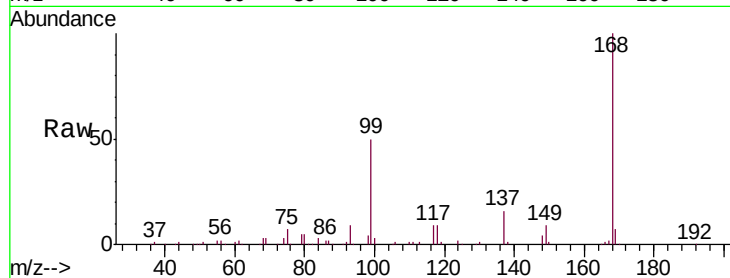
VU0912WBL01

Tgt Ion:168 Resp: 233900

Ion Ratio Lower Upper

168 100

99 50.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

120000

100000

80000

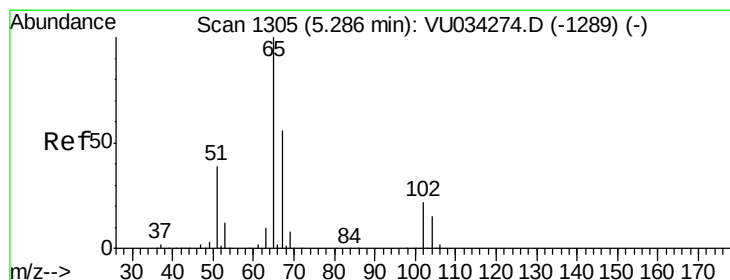
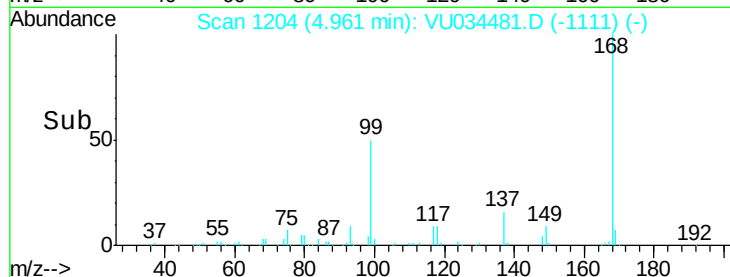
60000

40000

20000

0

Time--> 4.85 4.90 4.95 5.00 5.05



#33

1,2-Dichloroethane-d4

Concen: 57.962 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034481.D

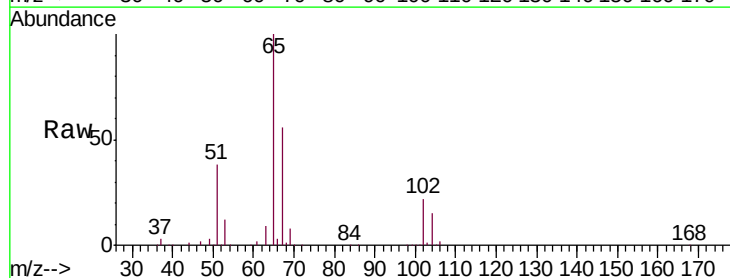
Acq: 11 Sep 2019 17:56

Tgt Ion: 65 Resp: 205127

Ion Ratio Lower Upper

65 100

67 55.7 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034274.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034274.D (-1289) (-)

5.29

100000

80000

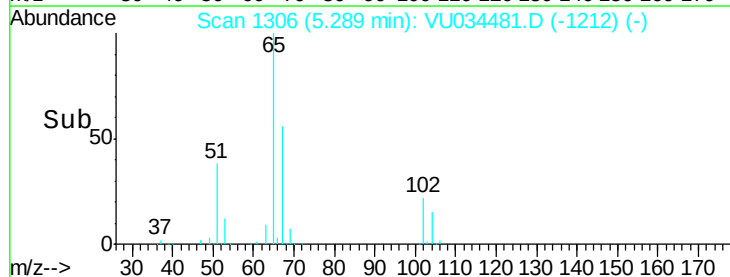
60000

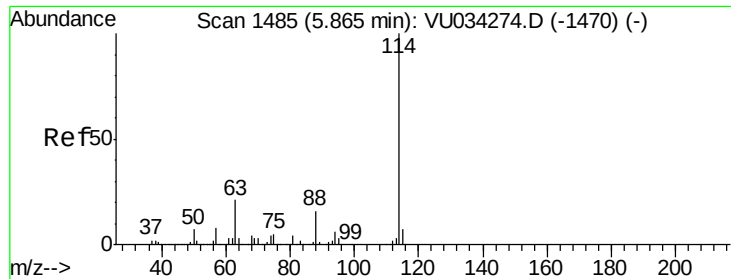
40000

20000

0

Time--> 5.20 5.30 5.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034481.D

Acq: 11 Sep 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBL01

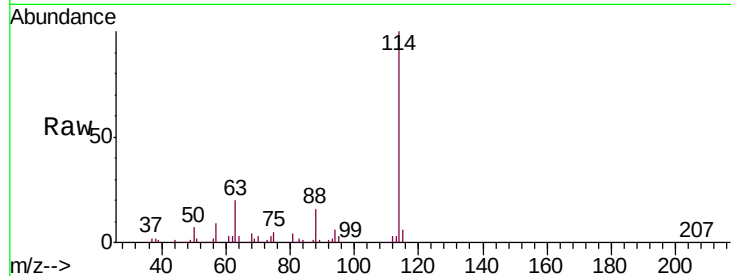
Tgt Ion:114 Resp: 346170

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

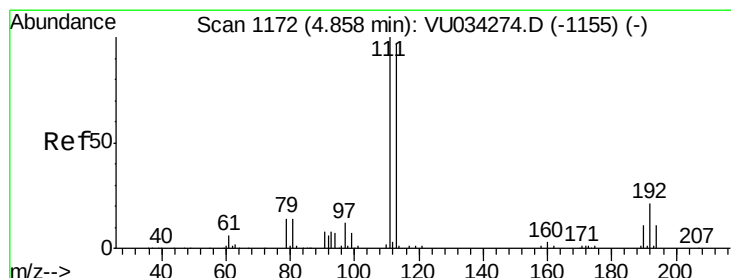
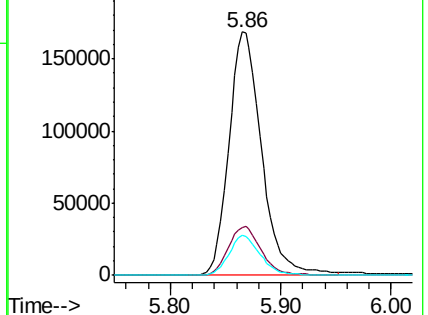
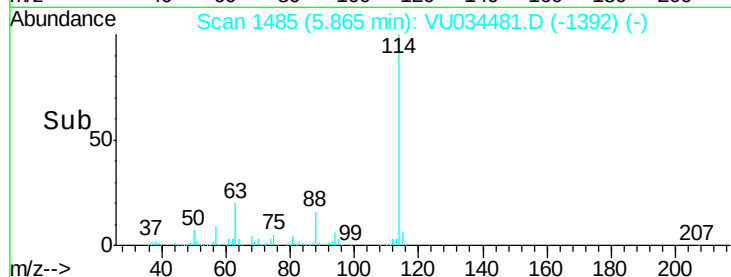
88 16.5 0.0 32.4



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: 56.278 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034481.D

Acq: 11 Sep 2019 17:56

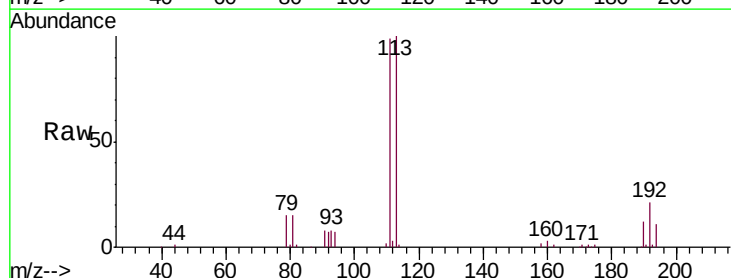
Tgt Ion:113 Resp: 181280

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

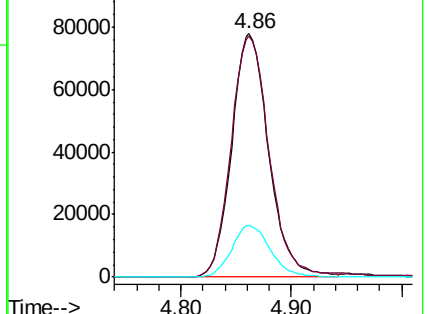
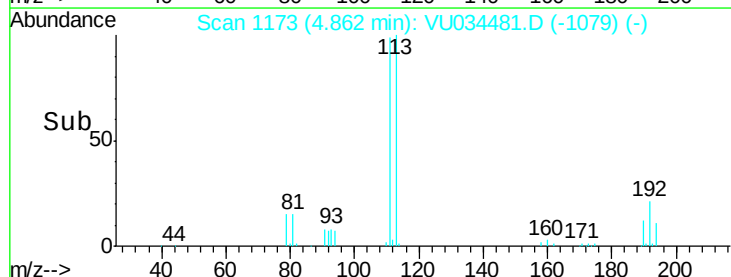
192 22.3 17.8 26.8

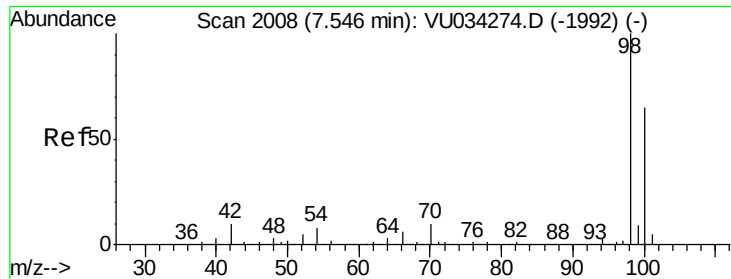


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

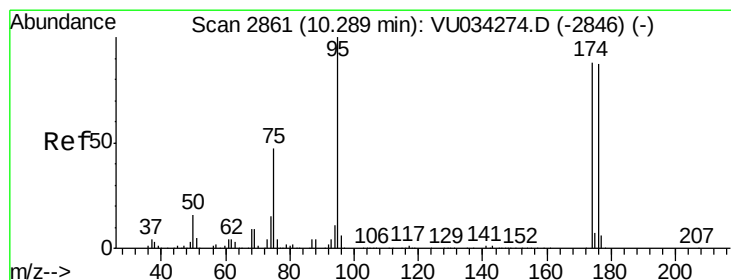
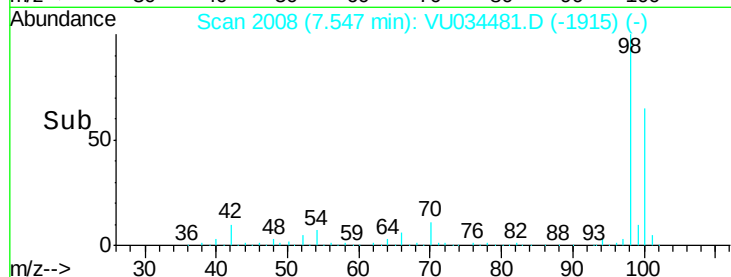
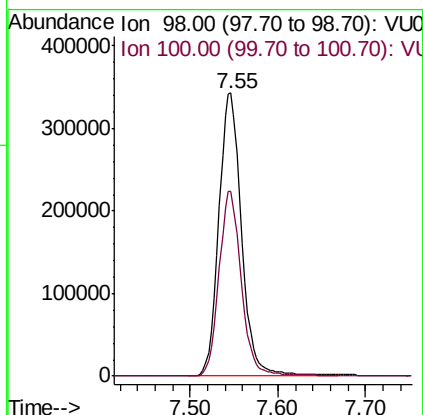
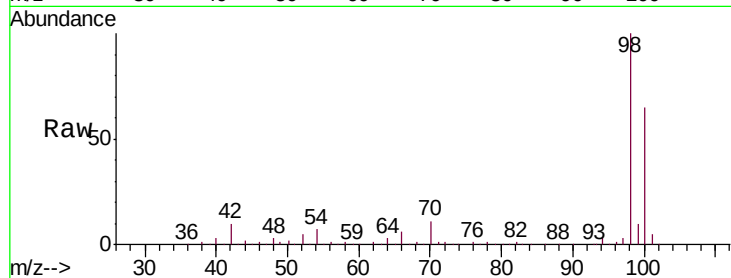




#50
Toluene-d8
Concen: 51.173 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034481.D
Acq: 11 Sep 2019 17:56

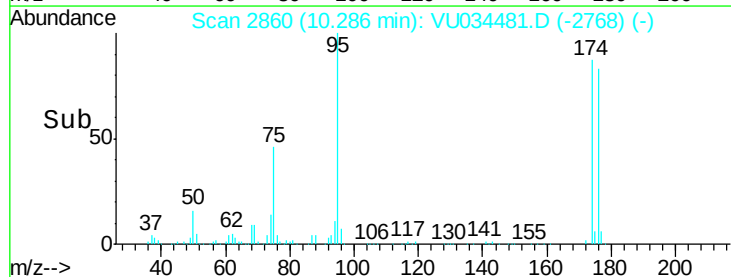
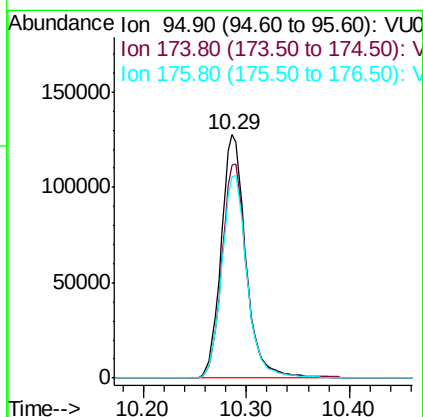
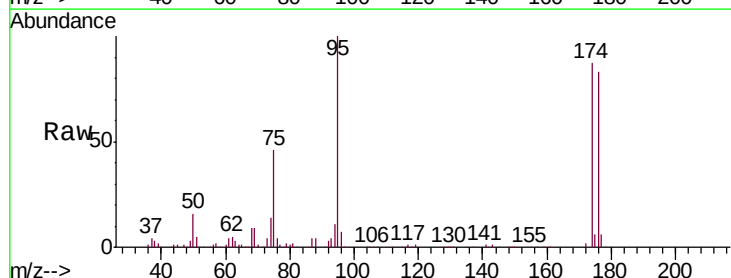
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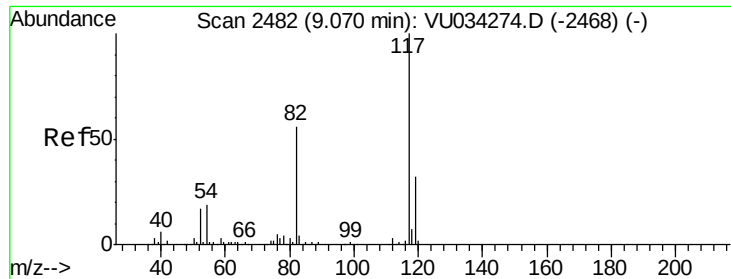
Tgt Ion: 98 Resp: 619291
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.540 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034481.D
Acq: 11 Sep 2019 17:56

Tgt Ion: 95 Resp: 212784
Ion Ratio Lower Upper
95 100
174 89.6 0.0 175.2
176 85.2 0.0 168.0

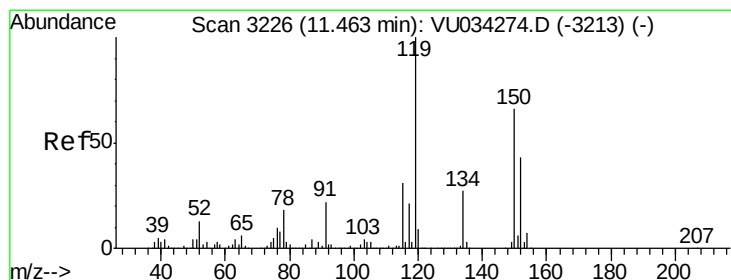
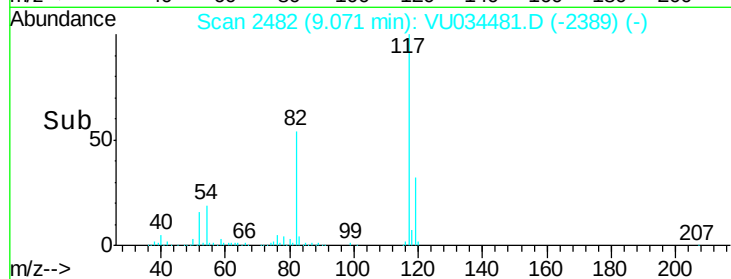
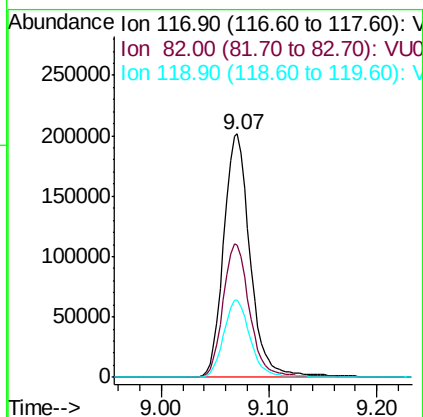
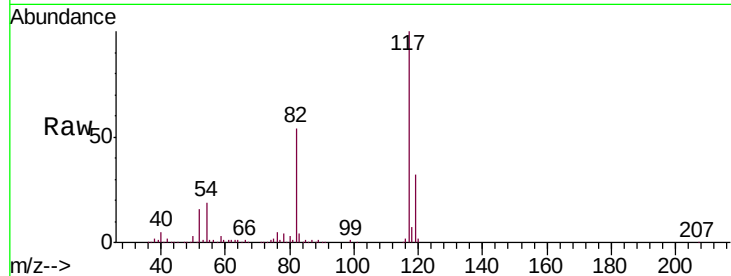




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.07 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: VU034481.D
 Acq: 11 Sep 2019 17:56

Instrument :
 MSVOA_U
 ClientSampled :
 VU0912WBL01

Tgt Ion:117 Resp: 345639
 Ion Ratio Lower Upper
 117 100
 82 54.2 44.6 67.0
 119 31.8 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: VU034481.D
 Acq: 11 Sep 2019 17:56

Tgt Ion:152 Resp: 196581
 Ion Ratio Lower Upper
 152 100
 115 55.4 39.1 117.3
 150 155.5 0.0 345.4

