

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034507.D
 Acq On : 12 Sep 2019 09:56
 Operator : JC/SP
 Sample : VU0912WBL02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBL02

Quant Time: Sep 13 07:26:57 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	239704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	347662	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	350209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	191498	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	201773	55.63	ug/l	0.00
Spiked Amount						
			Recovery	=	111.26%	
35) Dibromofluoromethane	4.86	113	177246	54.79	ug/l	0.00
Spiked Amount						
			Recovery	=	109.58%	
50) Toluene-d8	7.54	98	604949	49.77	ug/l	0.00
Spiked Amount						
			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	10.29	95	203658	43.40	ug/l	0.00
Spiked Amount						
			Recovery	=	86.80%	

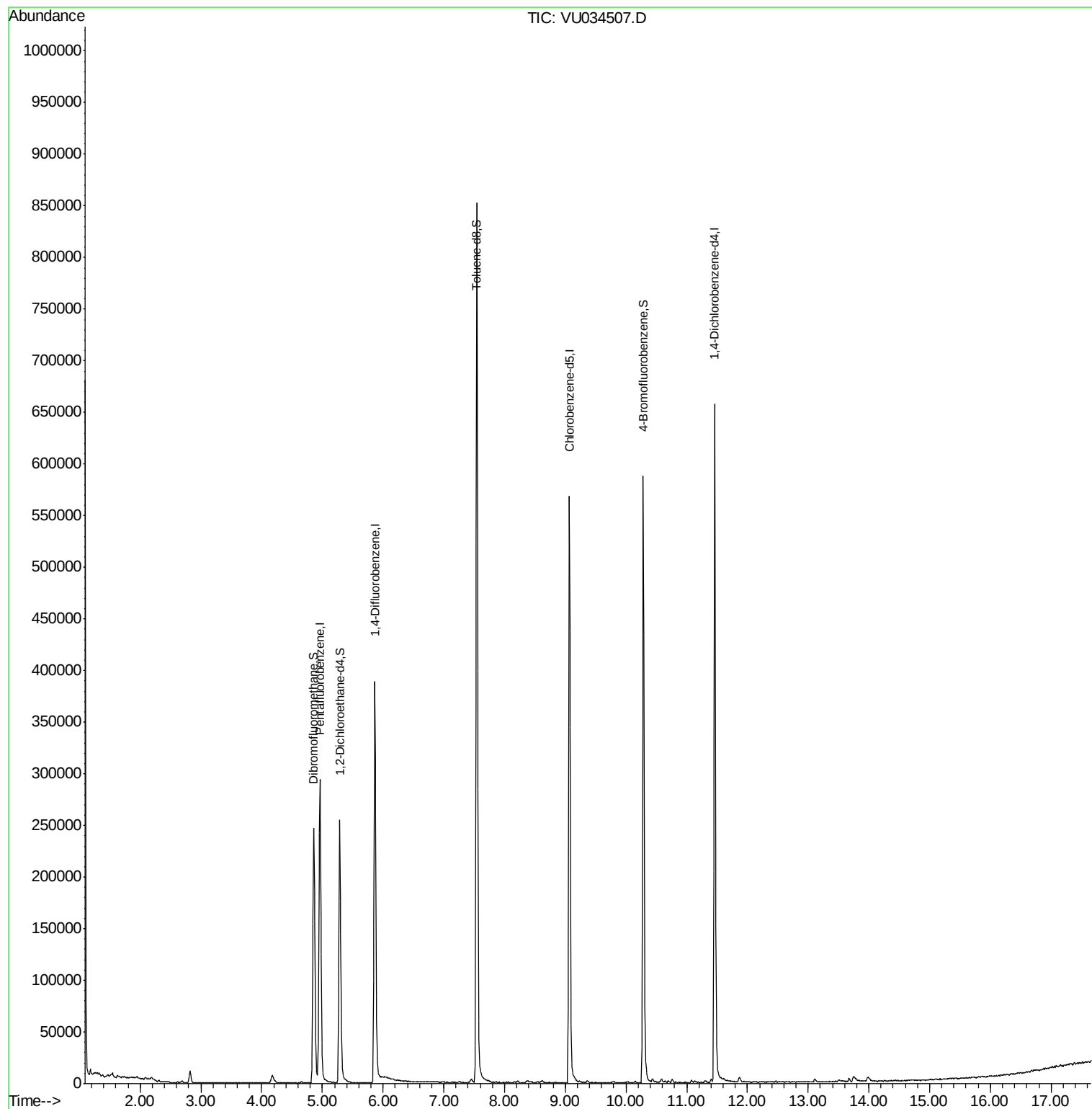
Target Compounds	Qvalue

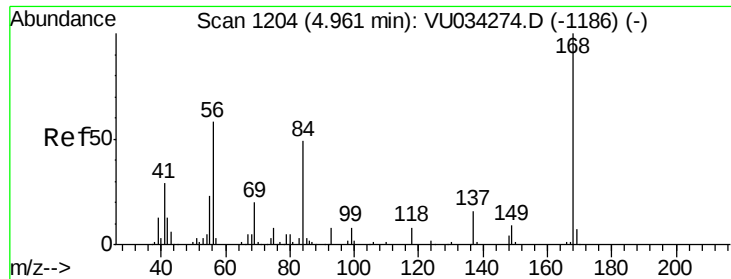
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034507.D

Acq: 12 Sep 2019 09:56

Instrument :

MSVOA_U

ClientSampleId :

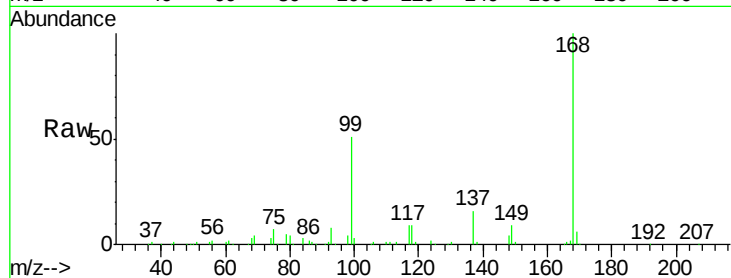
VU0912WBL02

Tot Ion:168 Resp: 239704

Ion Ratio Lower Upper

168 100

99 51.4 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

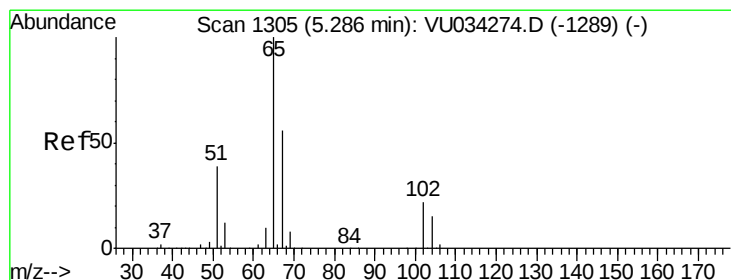
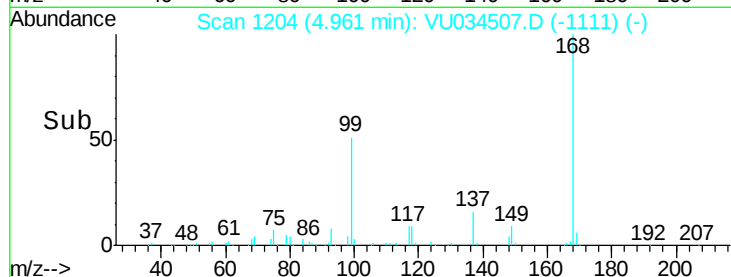
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.634 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU034507.D

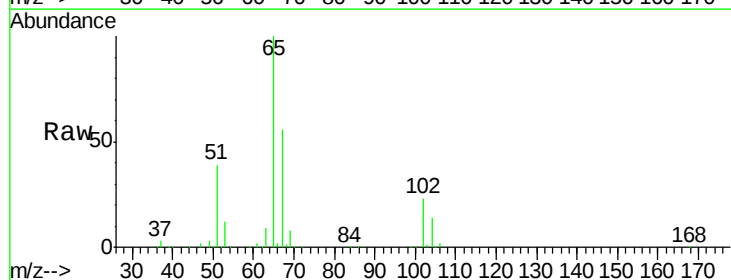
Acq: 12 Sep 2019 09:56

Tgt Ion: 65 Resp: 201773

Ion Ratio Lower Upper

65 100

67 55.5 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

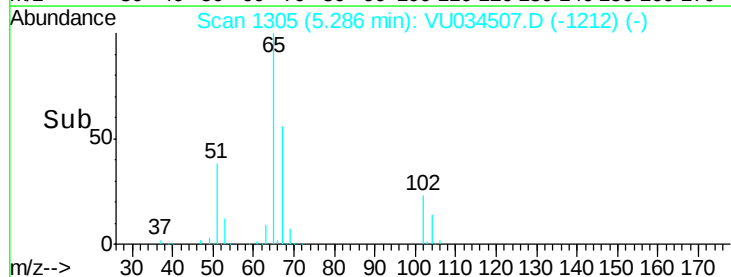
60000

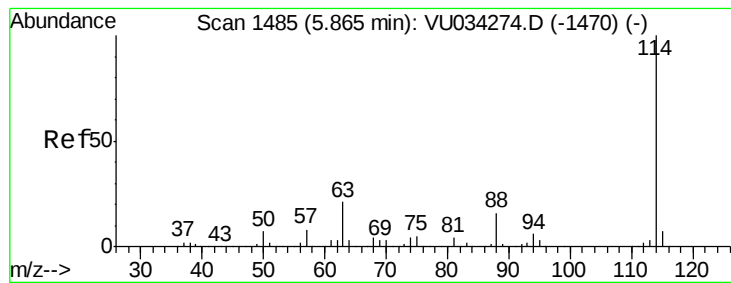
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VU034507.D

Acq: 12 Sep 2019 09:56

Instrument :

MSVOA_U

ClientSampleId :

VU0912WBL02

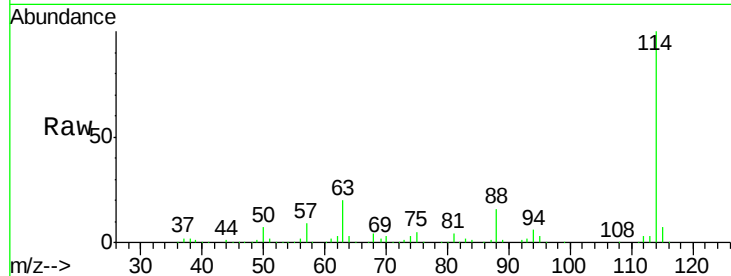
Tot Ion:114 Resp: 347662

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

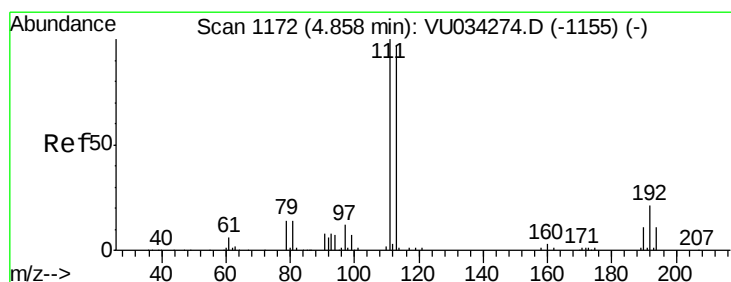
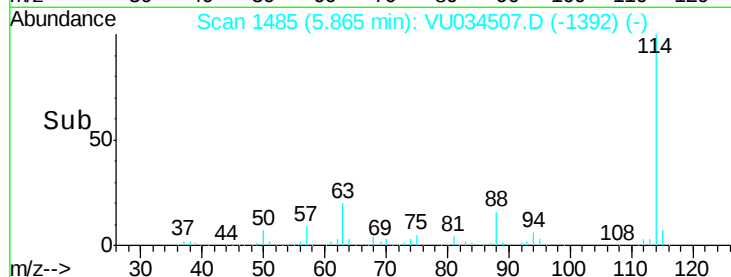
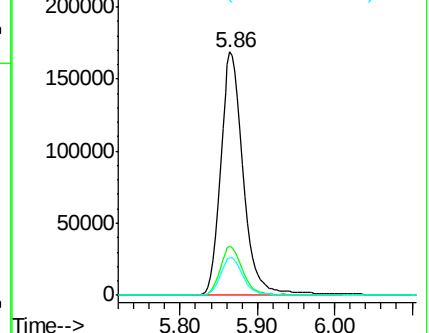
88 15.6 0.0 32.4



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: 54.790 ug/l

RT: 4.86 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VU034507.D

Acq: 12 Sep 2019 09:56

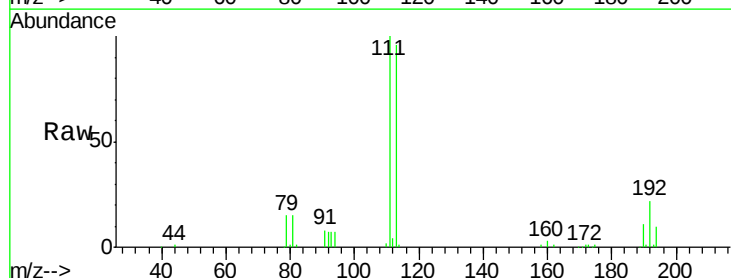
Tgt Ion:113 Resp: 177246

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

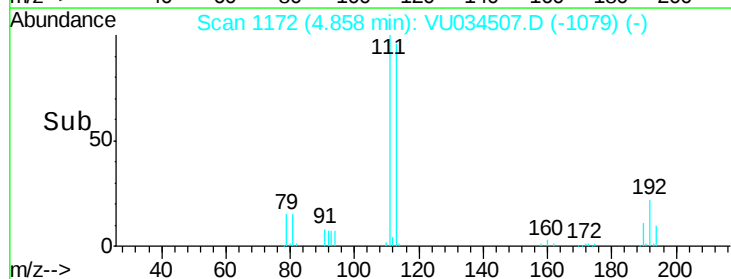
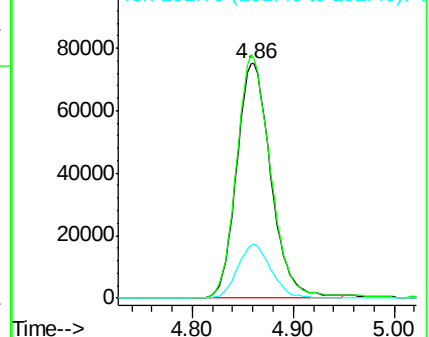
192 22.5 17.8 26.8

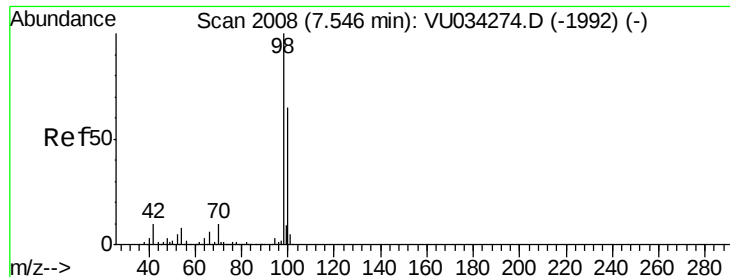


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.774 ug/l

RT: 7.54 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VU034507.D

Acq: 12 Sep 2019 09:56

Instrument :

MSVOA_U

ClientSampleId :

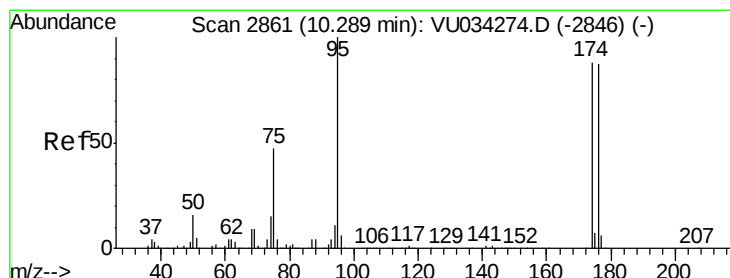
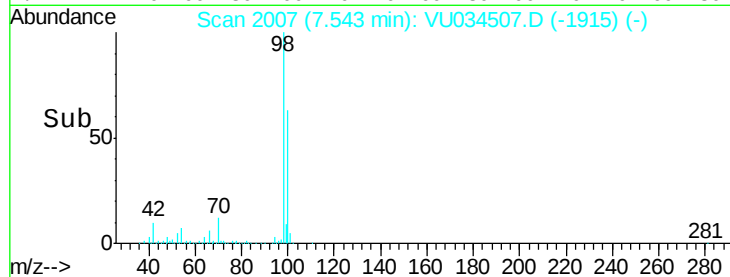
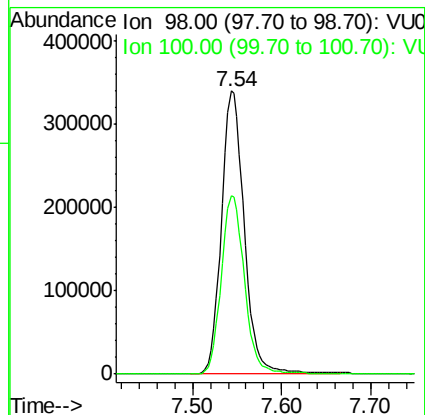
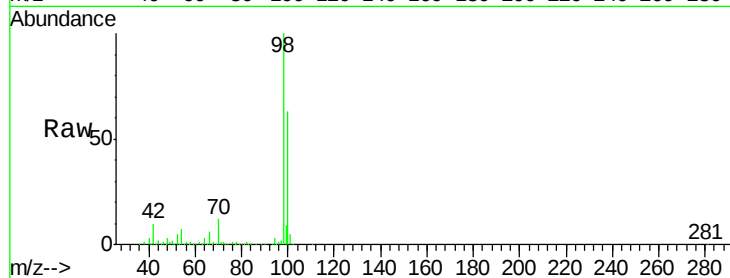
VU0912WBL02

Tot Ion: 98 Resp: 604949

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 43.400 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034507.D

Acq: 12 Sep 2019 09:56

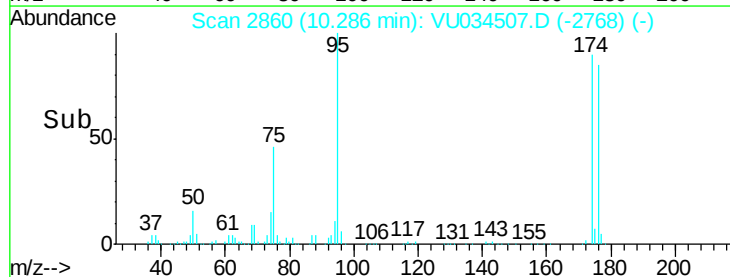
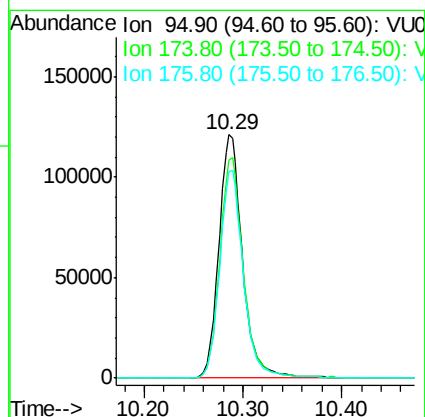
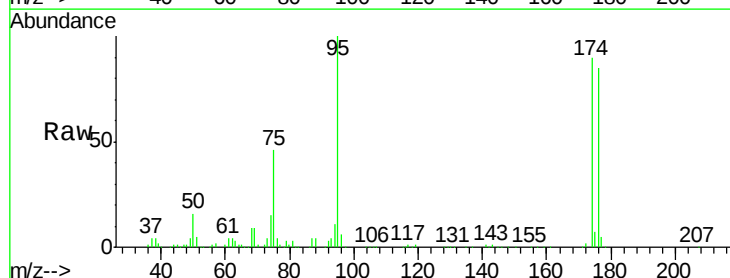
Tgt Ion: 95 Resp: 203658

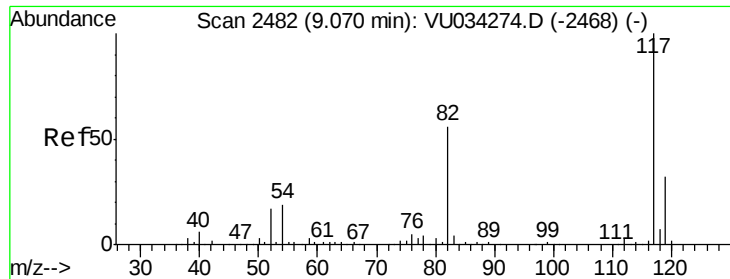
Ion Ratio Lower Upper

95 100

174 90.6 0.0 175.2

176 85.5 0.0 168.0

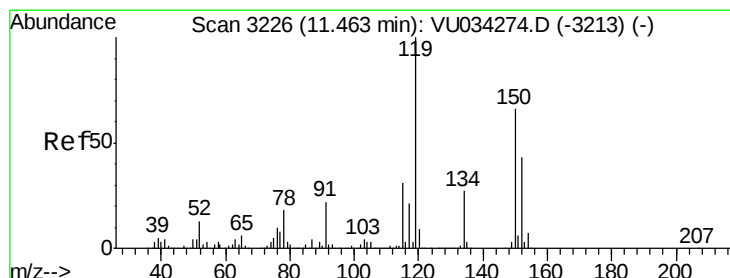
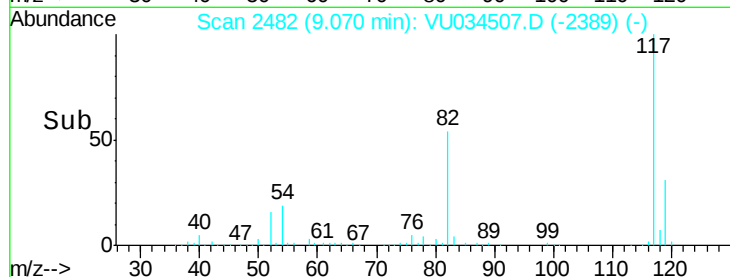
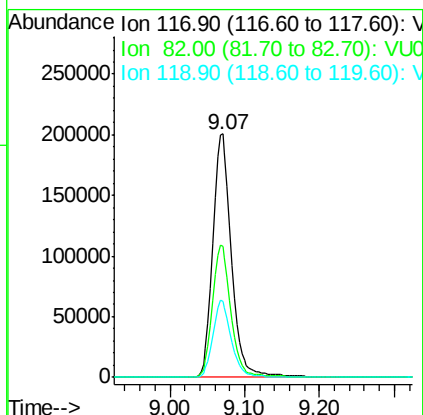
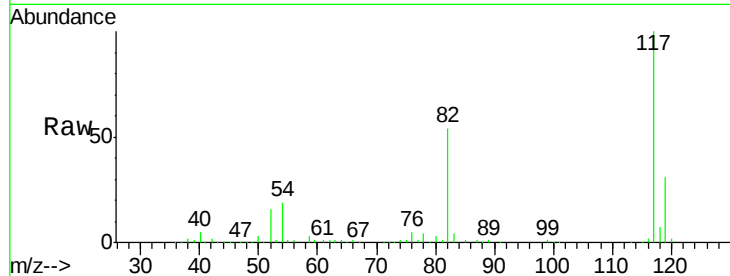




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034507.D
Acq: 12 Sep 2019 09:56

Instrument :
MSVOA_U
ClientSampleId :
VU0912WBL02

Tot Ion:117 Resp: 350209
Ion Ratio Lower Upper
117 100
82 53.8 44.6 67.0
119 31.5 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: VU034507.D
Acq: 12 Sep 2019 09:56

Tgt Ion:152 Resp: 191498
Ion Ratio Lower Upper
152 100
115 56.9 39.1 117.3
150 159.3 0.0 345.4

