

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034134.D
 Acq On : 31 Aug 2019 20:44
 Operator : JC/SP
 Sample : VU0902WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0902WBL01

Quant Time: Sep 01 05:06:19 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	455926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	735376	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	703590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	344858	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	287468	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	4.86	113	237702	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	7.55	98	904781	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
62) 4-Bromofluorobenzene	10.29	95	319715	43.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.08%	

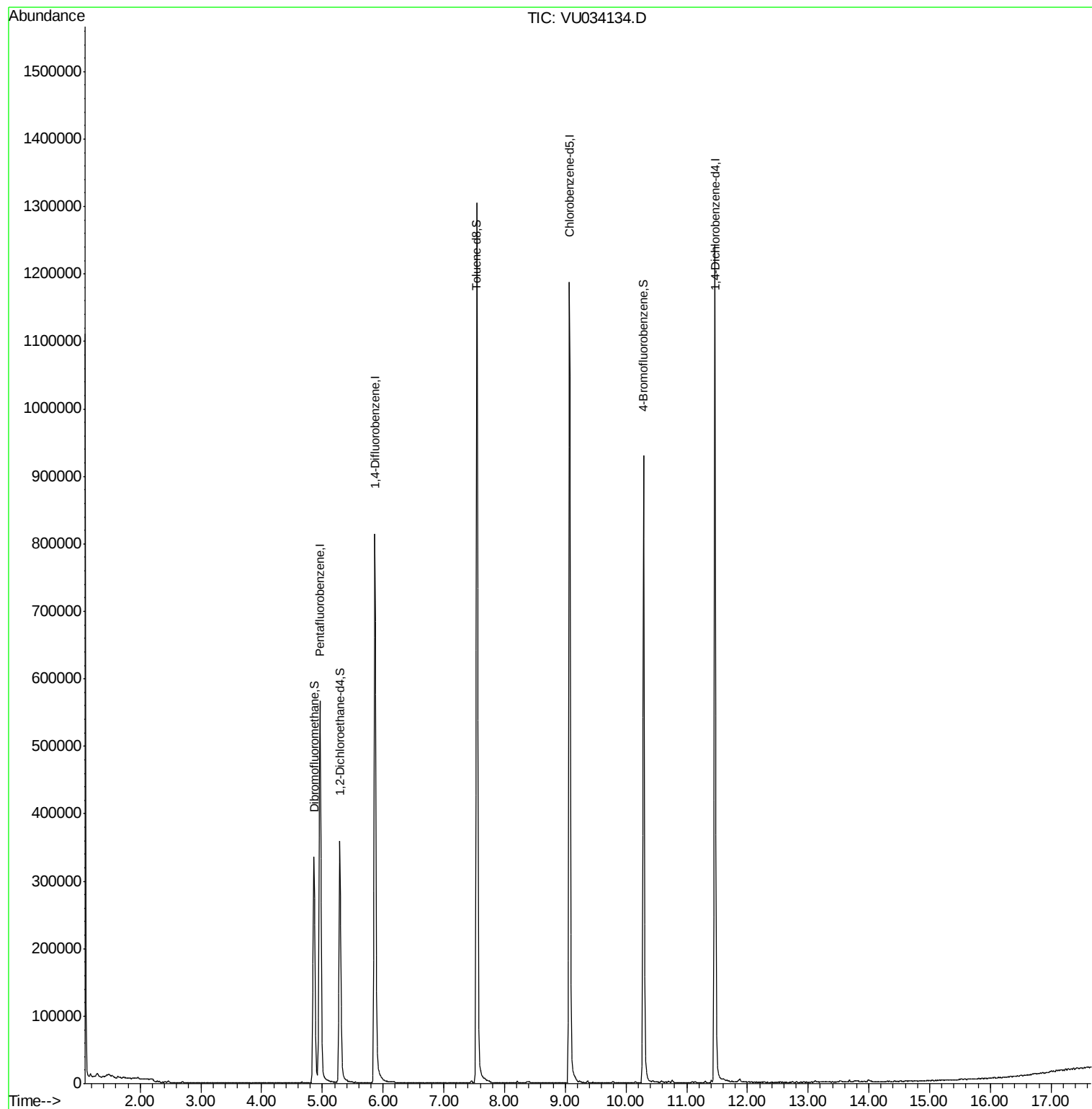
Target Compounds	Qvalue
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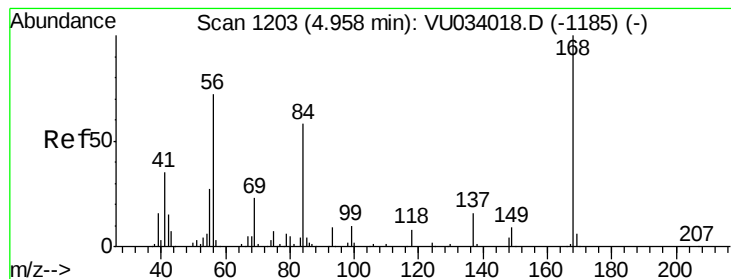
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034134.D

Acq: 31 Aug 2019 20:44

Instrument :

MSVOA_U

ClientSampleId :

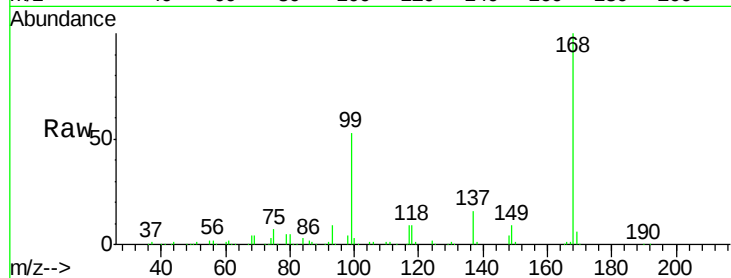
VU0902WBL01

Tot Ion:168 Resp: 455926

Ion Ratio Lower Upper

168 100

99 53.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034134.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034134.D (-1185) (-)

4.96

200000

150000

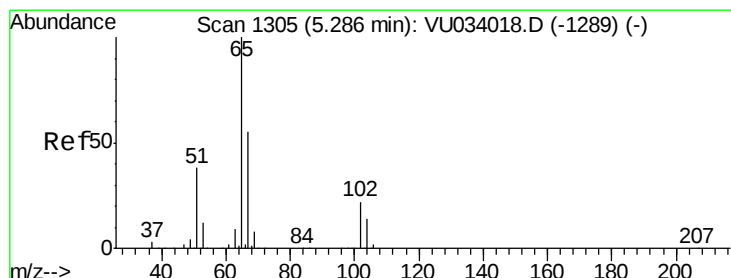
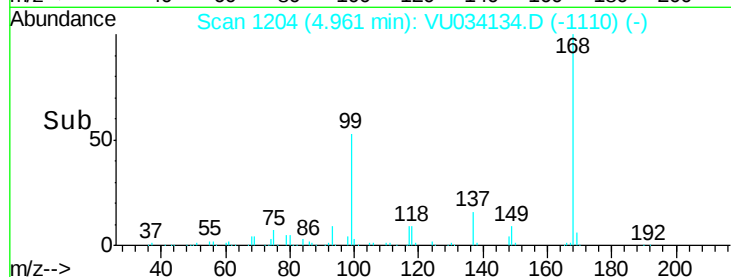
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.207 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034134.D

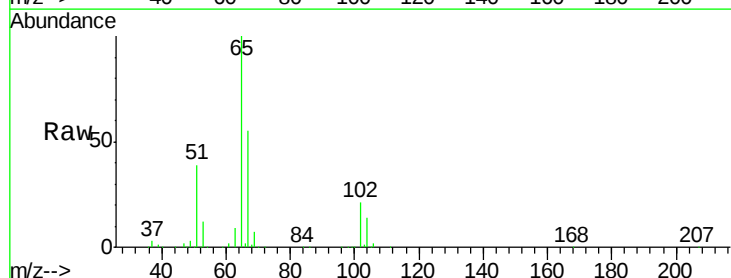
Acq: 31 Aug 2019 20:44

Tgt Ion: 65 Resp: 287468

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034134.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034134.D (-1289) (-)

150000

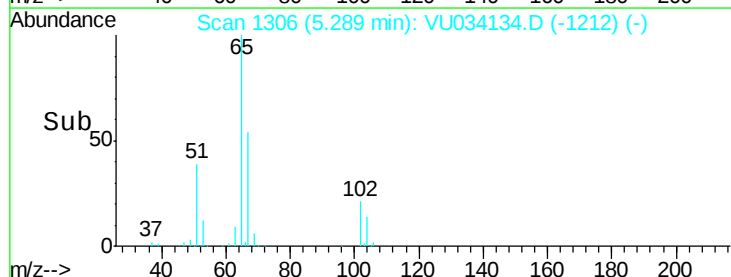
100000

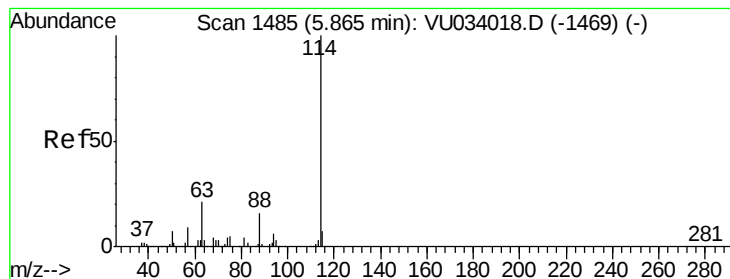
50000

0

5.20 5.30 5.40 5.50

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034134.D

Acq: 31 Aug 2019 20:44

Instrument :

MSVOA_U

ClientSampleId :

VU0902WBL01

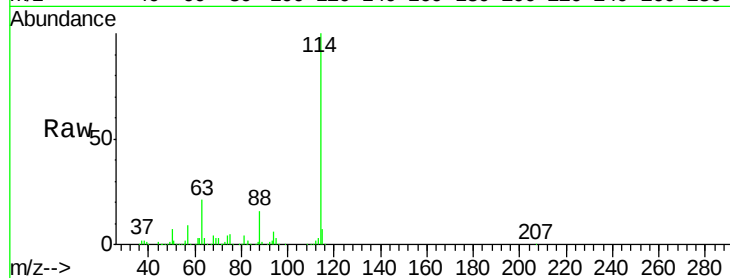
Tot Ion:114 Resp: 735376

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.0

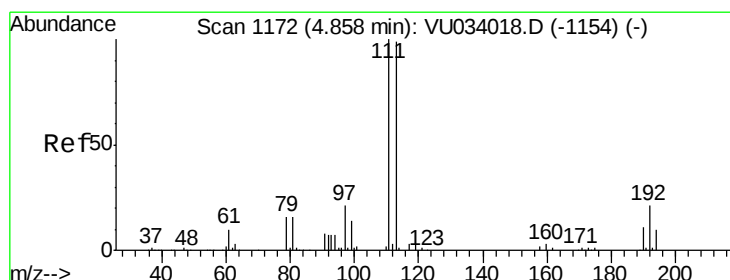
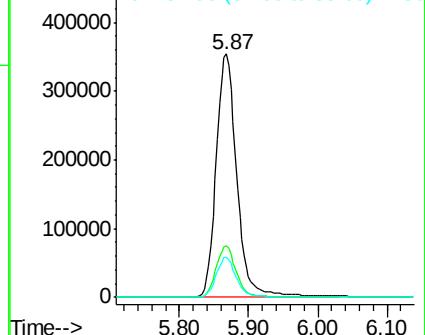
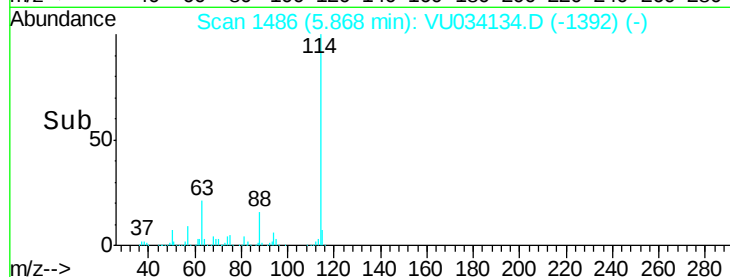
88 16.5 0.0 32.0



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: 46.604 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034134.D

Acq: 31 Aug 2019 20:44

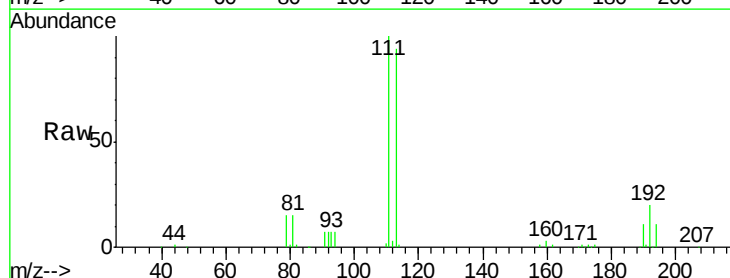
Tgt Ion:113 Resp: 237702

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

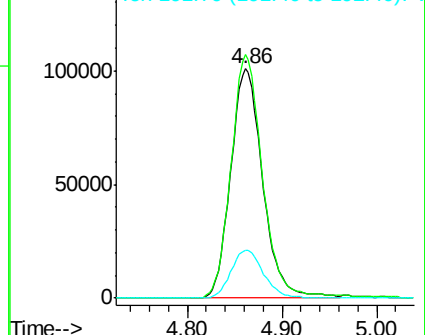
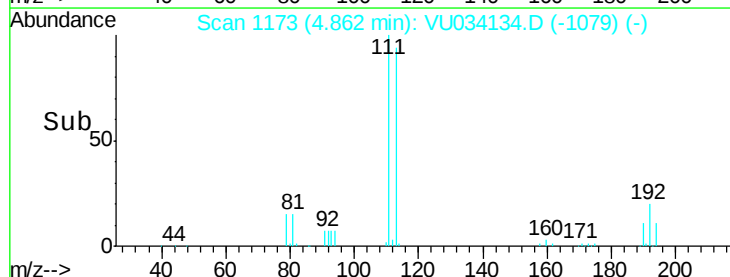
192 21.4 17.1 25.7

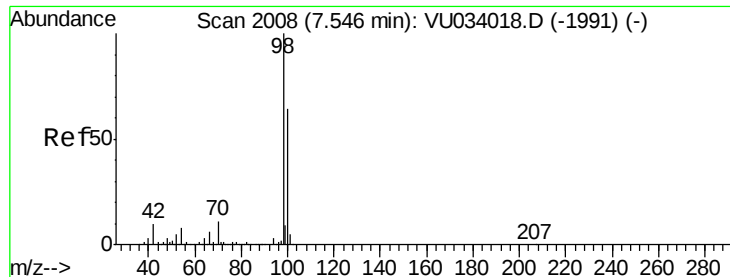


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.375 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034134.D

Acq: 31 Aug 2019 20:44

Instrument :

MSVOA_U

ClientSampleId :

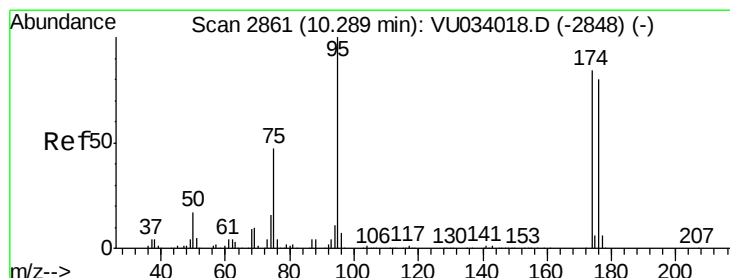
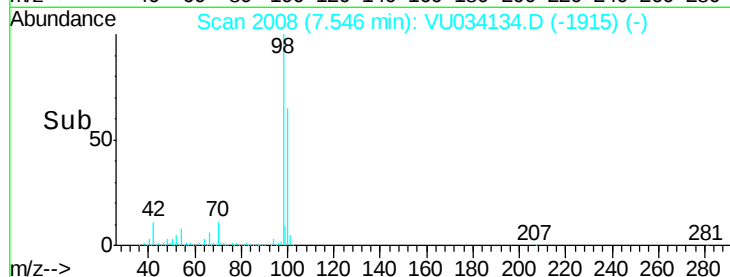
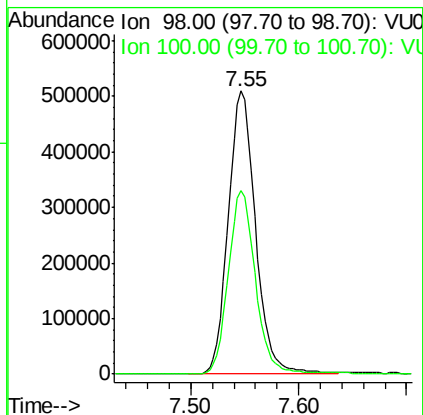
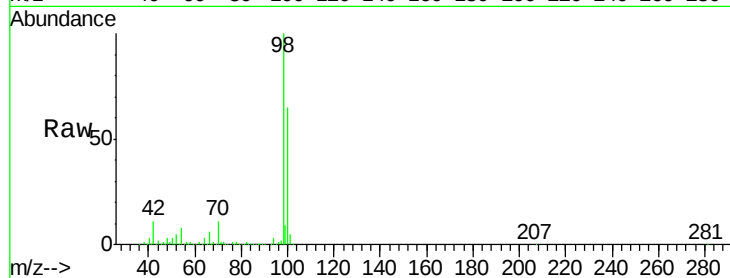
VU0902WBL01

Tot Ion: 98 Resp: 904781

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 43.036 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034134.D

Acq: 31 Aug 2019 20:44

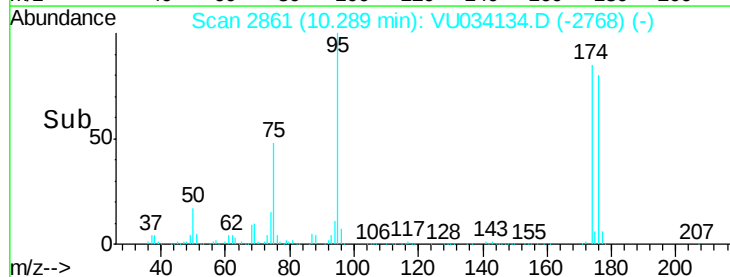
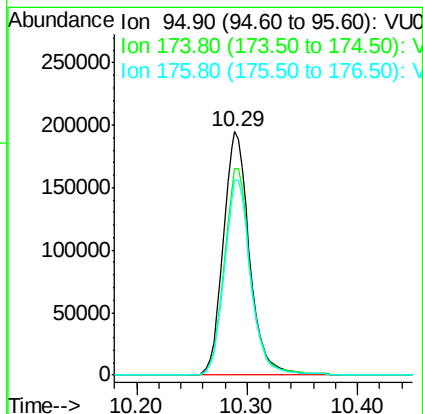
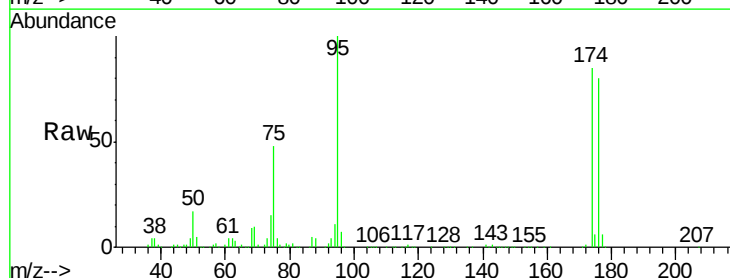
Tgt Ion: 95 Resp: 319715

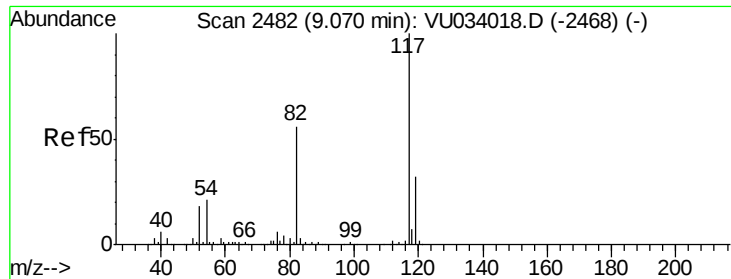
Ion Ratio Lower Upper

95 100

174 85.8 0.0 168.8

176 81.0 0.0 161.8

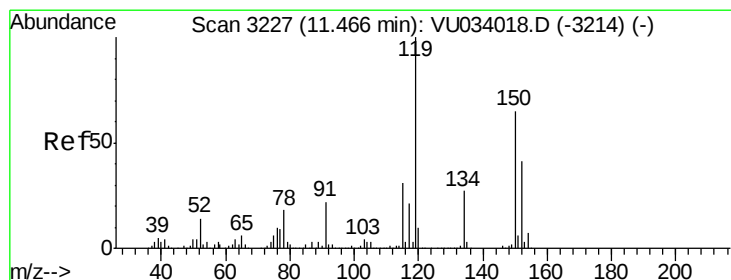
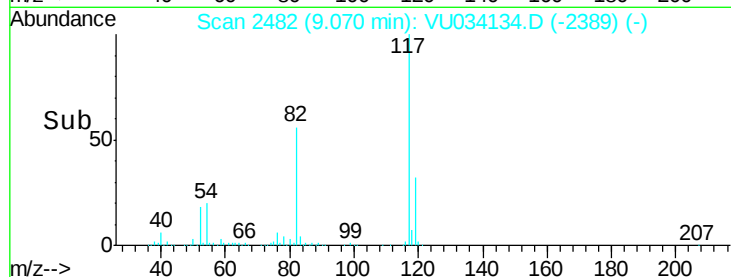
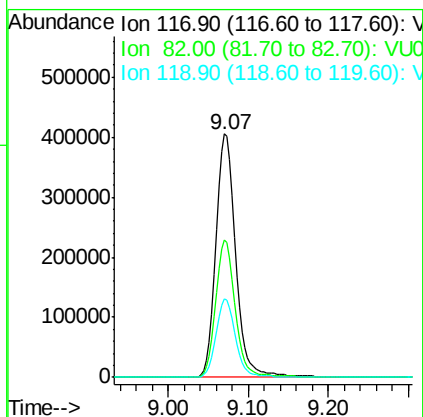
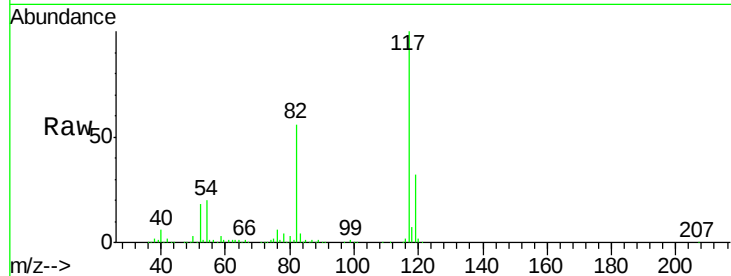




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034134.D
Acq: 31 Aug 2019 20:44

Instrument :
MSVOA_U
ClientSampleId :
VU0902WBL01

Tot Ion:117 Resp: 703590
Ion Ratio Lower Upper
117 100
82 56.4 45.1 67.7
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VU034134.D
Acq: 31 Aug 2019 20:44

Tgt Ion:152 Resp: 344858
Ion Ratio Lower Upper
152 100
115 57.6 41.1 123.3
150 157.7 0.0 348.8

