

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034086.D
 Acq On : 30 Aug 2019 10:29
 Operator : JC/SP
 Sample : K4555-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-3

Quant Time: Aug 31 03:45:59 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	457195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	733551	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	713059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	349330	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	290515	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
35) Dibromofluoromethane	4.86	113	245559	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
50) Toluene-d8	7.55	98	930557	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	10.29	95	326787	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	

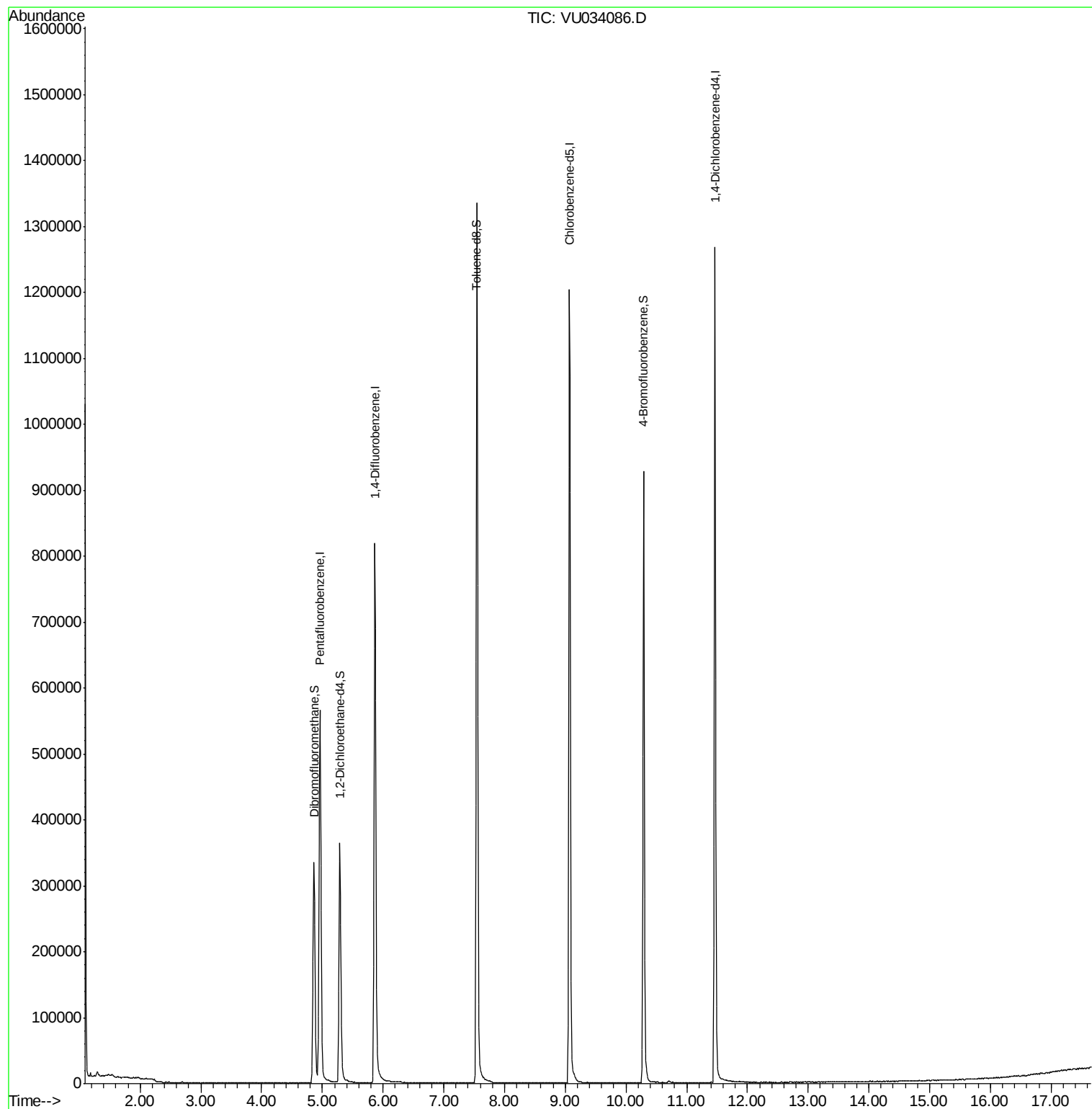
Target Compounds	Qvalue
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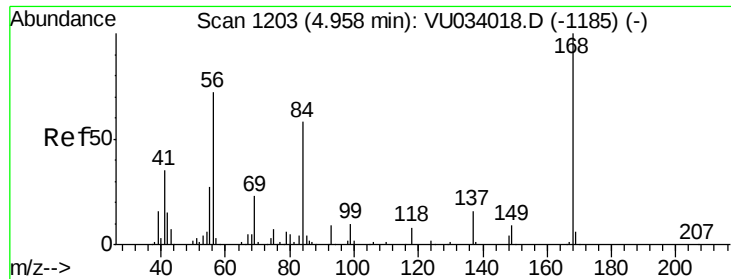
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034086.D

Acq: 30 Aug 2019 10:29

Instrument :

MSVOA_U

ClientSampleId :

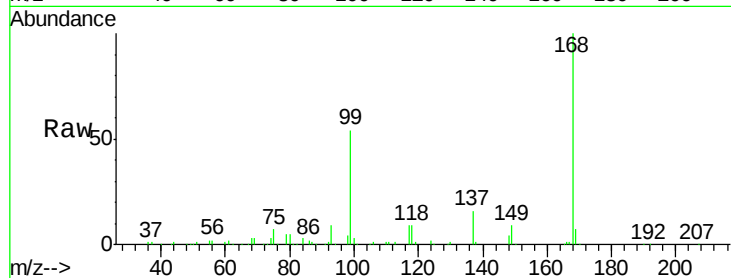
TB-3

Tot Ion:168 Resp: 457195

Ion Ratio Lower Upper

168 100

99 54.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034086.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034086.D (-1185) (-)

4.96

200000

150000

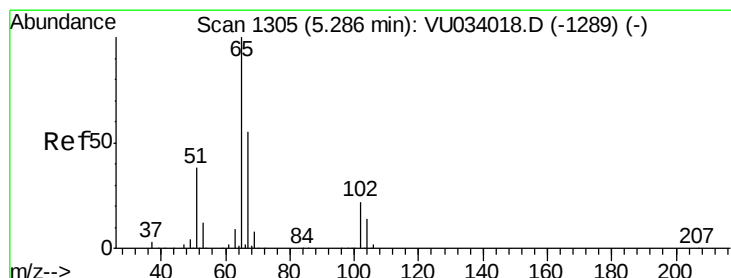
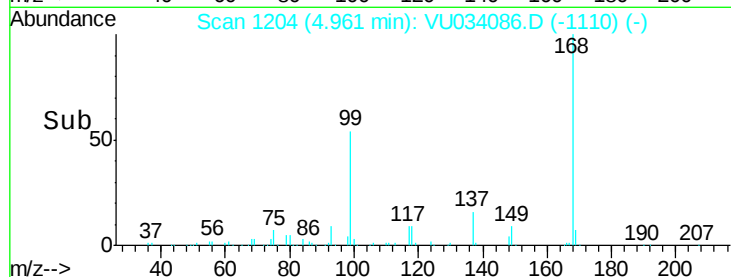
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.591 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034086.D

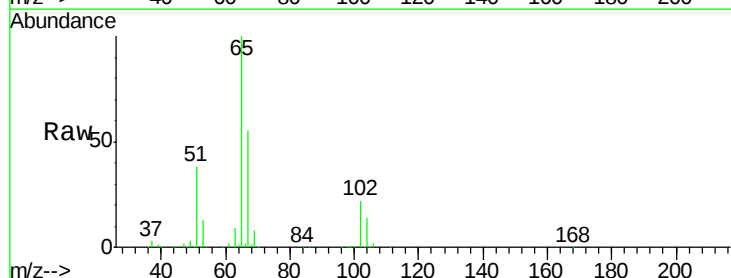
Acq: 30 Aug 2019 10:29

Tgt Ion: 65 Resp: 290515

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034086.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034086.D (-1289) (-)

5.29

150000

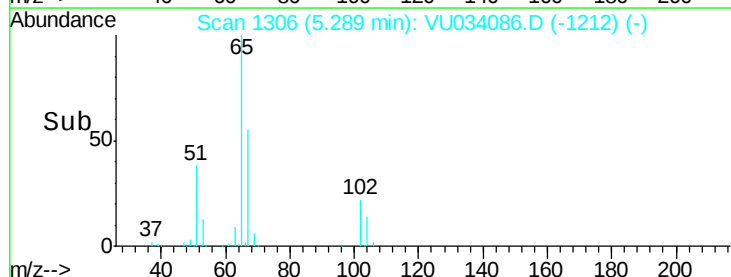
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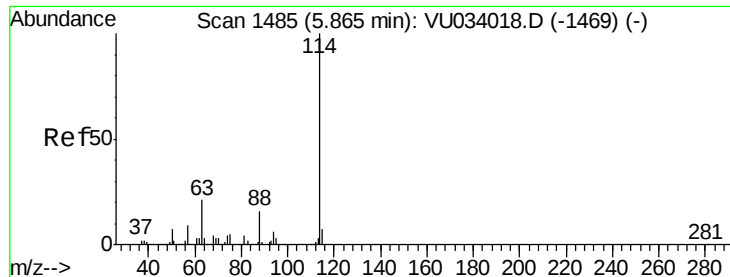
50000

0

5.20 5.30 5.40

Time-->

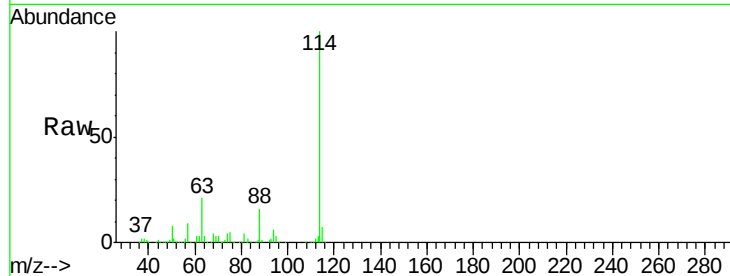




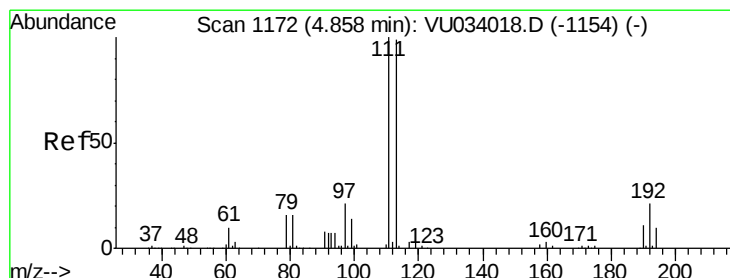
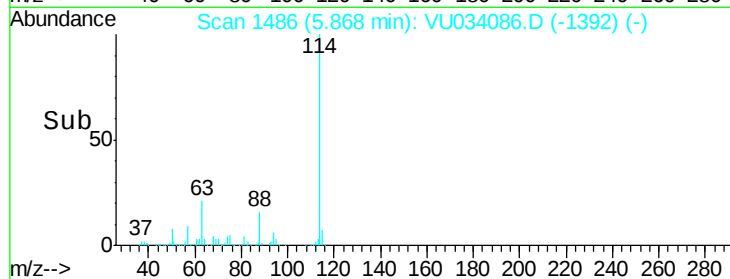
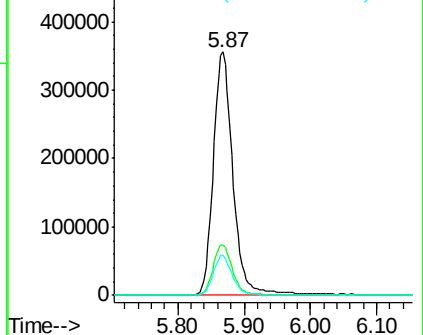
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034086.D
 Acq: 30 Aug 2019 10:29

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-3

Tot Ion:114 Resp: 733551
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.0
 88 16.3 0.0 32.0

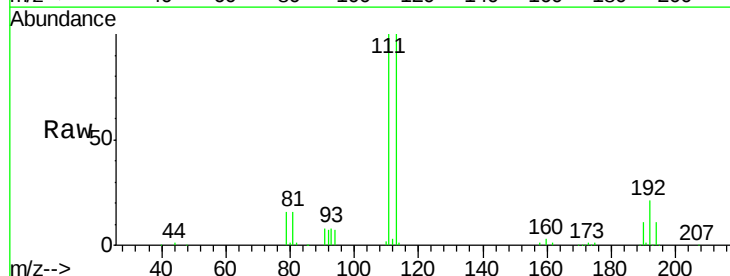


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

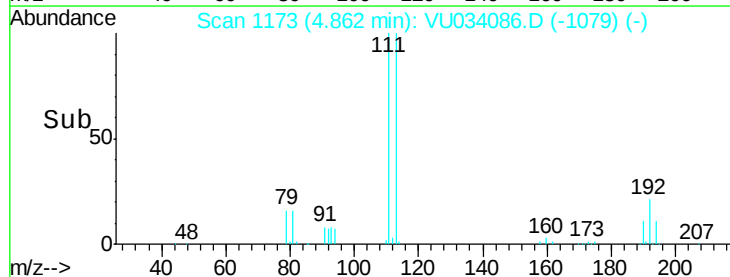
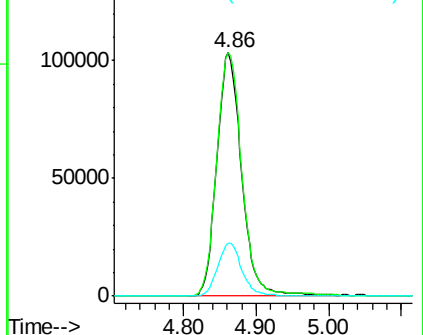


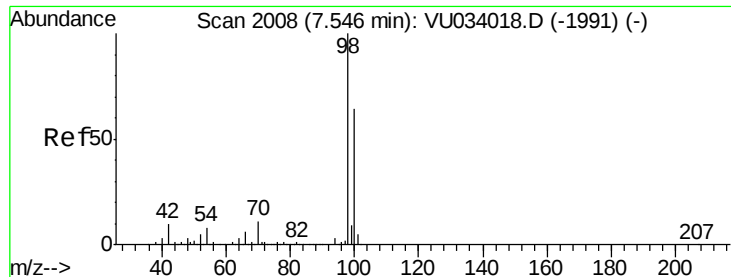
#35
 Dibromofluoromethane
 Concen: 48.264 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034086.D
 Acq: 30 Aug 2019 10:29

Tgt Ion:113 Resp: 245559
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.7 122.5
 192 21.3 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: 48.846 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034086.D

Acq: 30 Aug 2019 10:29

Instrument :

MSVOA_U

ClientSampled :

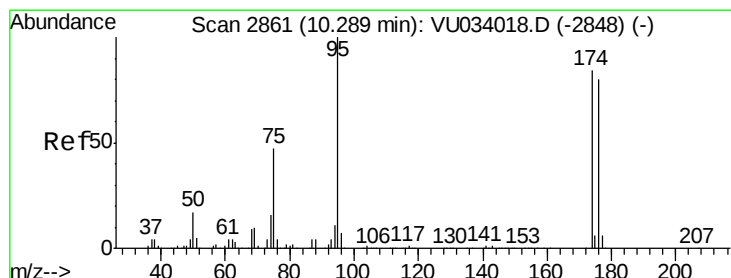
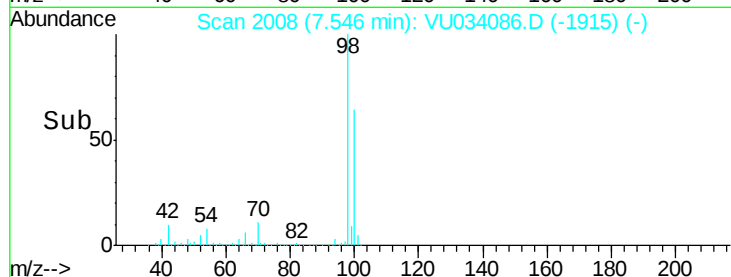
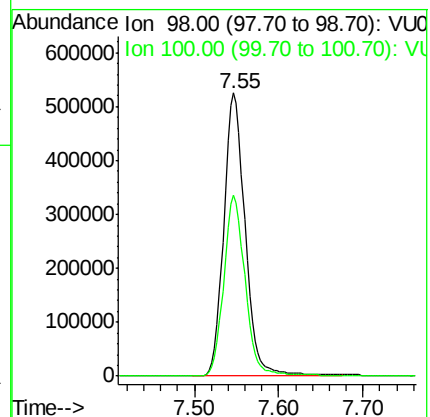
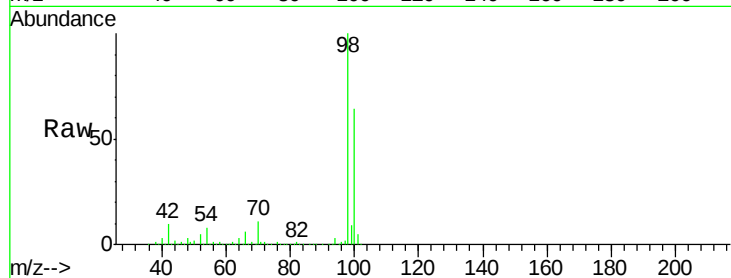
TB-3

Tot Ion: 98 Resp: 930557

Ion Ratio Lower Upper

98 100

100 63.2 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 44.097 ug/l

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VU034086.D

Acq: 30 Aug 2019 10:29

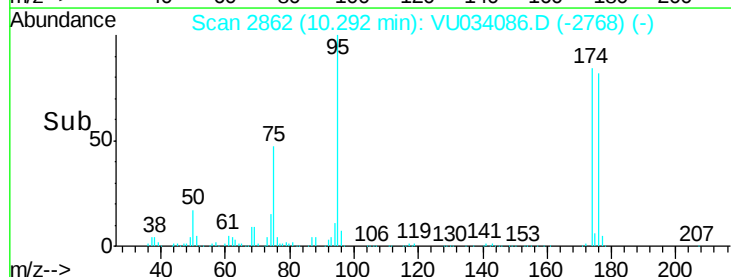
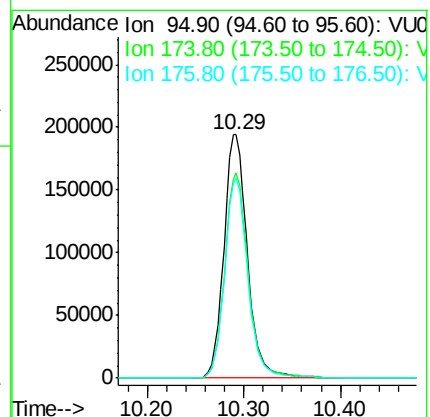
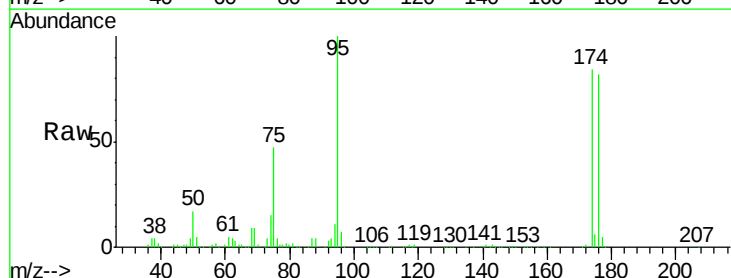
Tgt Ion: 95 Resp: 326787

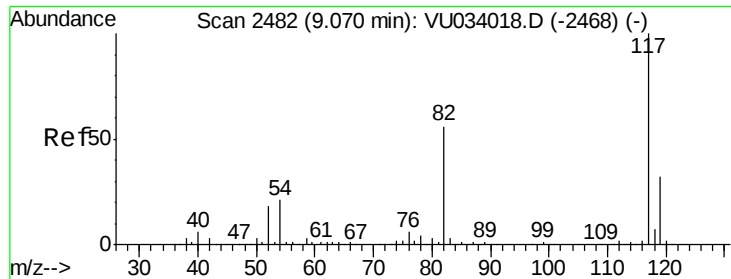
Ion Ratio Lower Upper

95 100

174 84.4 0.0 168.8

176 80.9 0.0 161.8

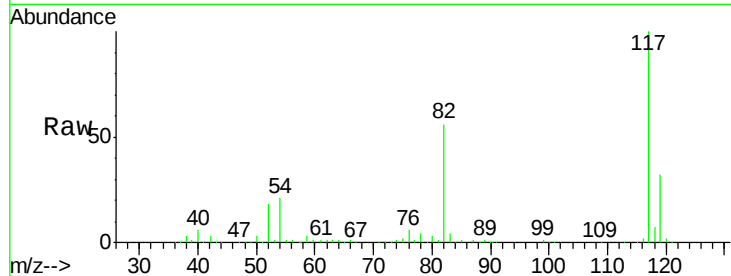




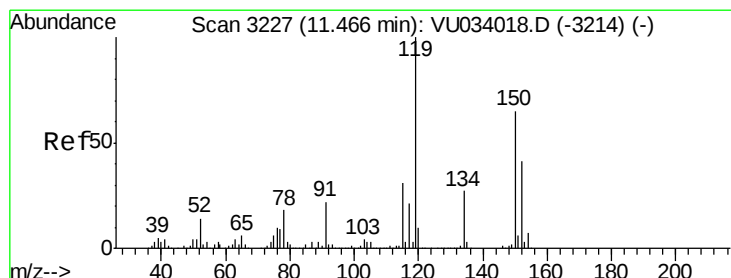
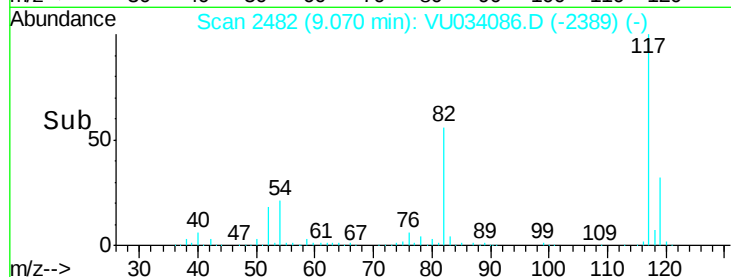
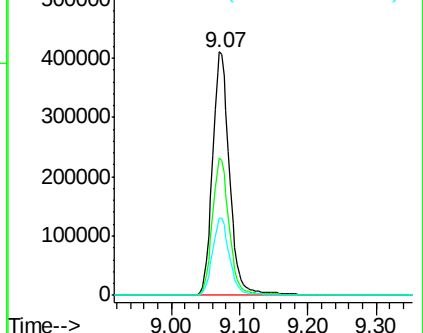
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034086.D
Acq: 30 Aug 2019 10:29

Instrument :
MSVOA_U
ClientSampled :
TB-3

Tot Ion:117 Resp: 713059
Ion Ratio Lower Upper
117 100
82 56.5 45.1 67.7
119 31.8 25.4 38.0

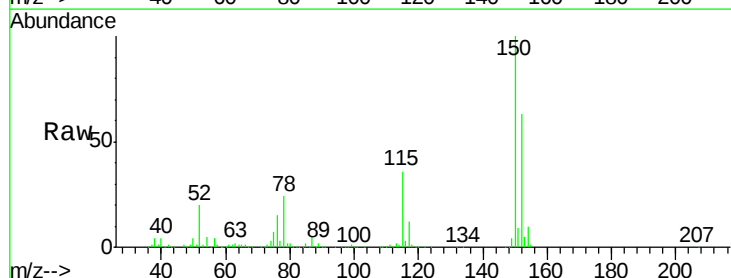


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VU034086.D
Acq: 30 Aug 2019 10:29

Tgt Ion:152 Resp: 349330
Ion Ratio Lower Upper
152 100
115 56.9 41.1 123.3
150 156.9 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

