

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034348.D
 Acq On : 06 Sep 2019 22:45
 Operator : JC/SP
 Sample : K4686-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-190903

Quant Time: Sep 07 04:56:01 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	302782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	453253	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	448510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	265552	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	234541	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
35) Dibromofluoromethane	4.86	113	207421	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	7.55	98	781438	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	10.29	95	280670	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	

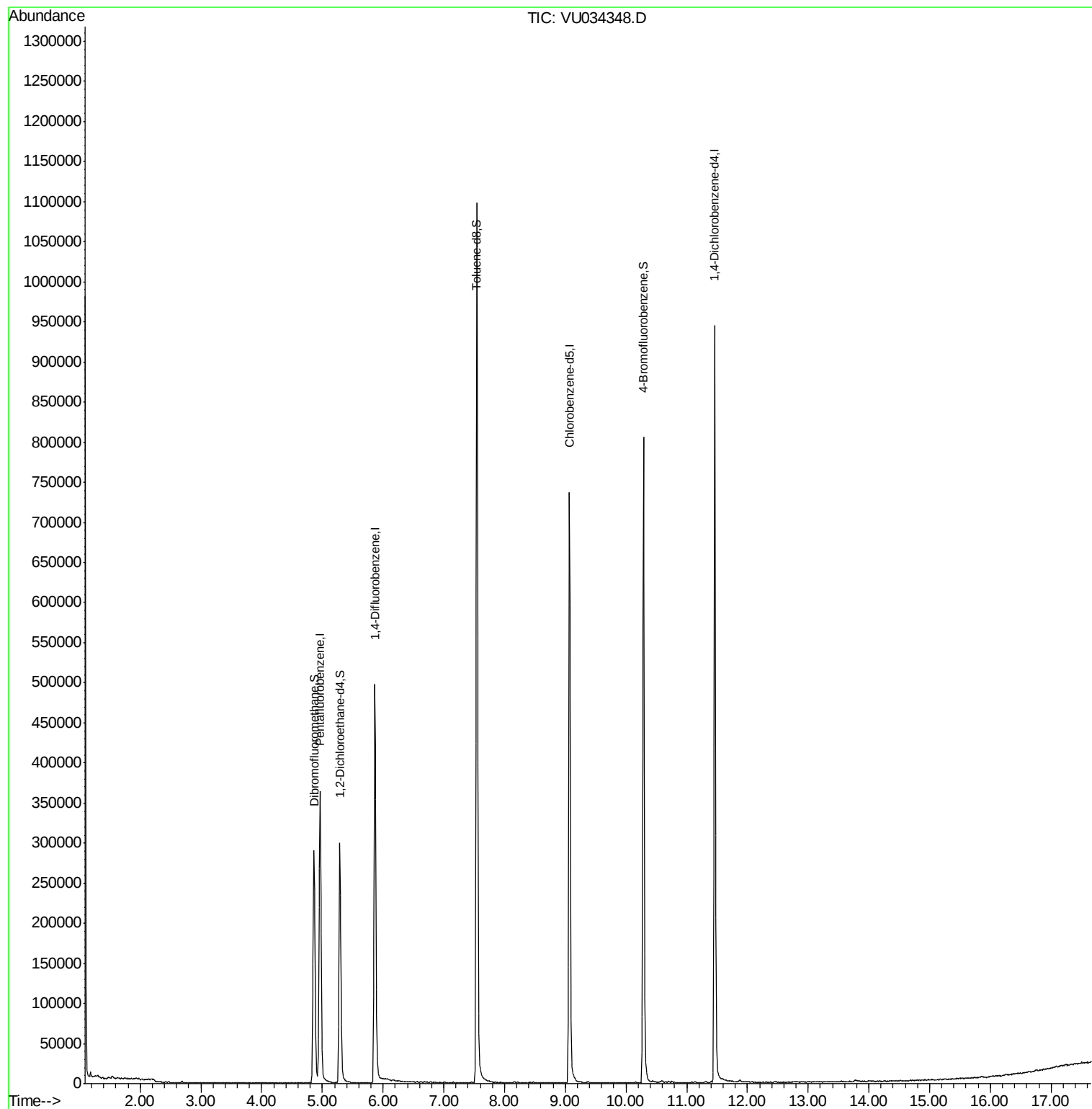
Target Compounds	Qvalue

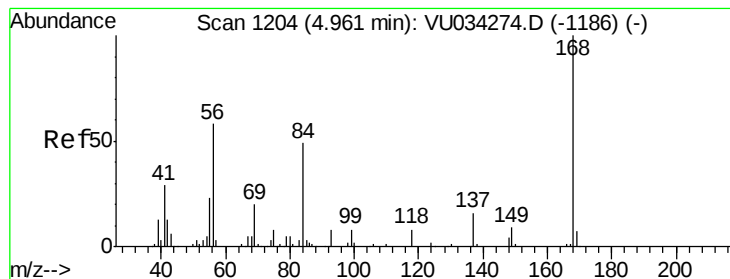
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090719\
Data File : VU034348.D
Acq On : 06 Sep 2019 22:45
Operator : JC/SP
Sample : K4686-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TB-01-190903

Quant Time: Sep 07 04:56:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034348.D

Acq: 06 Sep 2019 22:45

Instrument :

MSVOA_U

ClientSampleId :

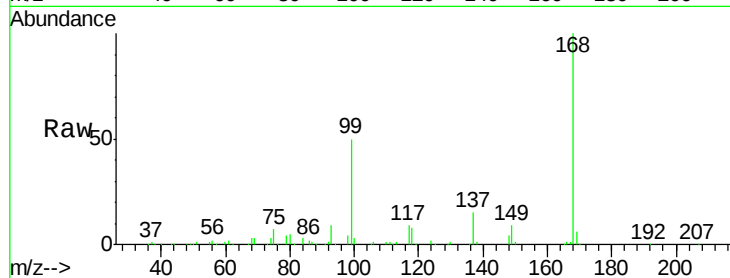
TB-01-190903

Tot Ion:168 Resp: 302782

Ion Ratio Lower Upper

168 100

99 49.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034348.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034348.D (-1186) (-)

4.96

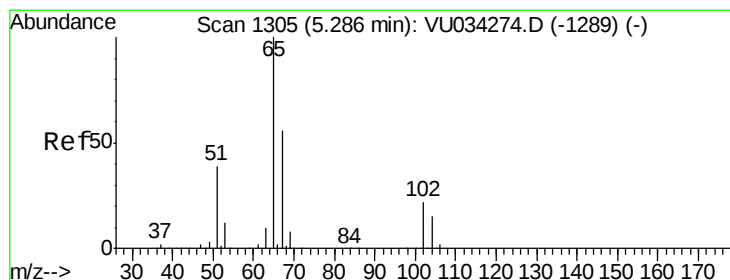
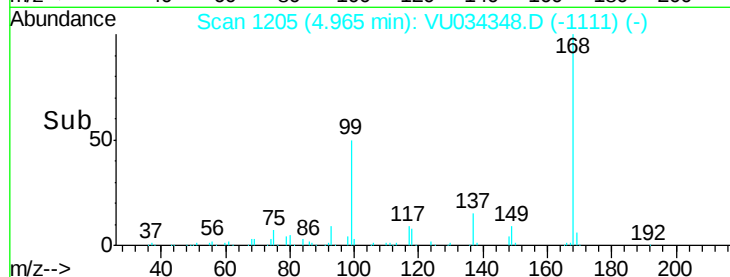
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.197 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034348.D

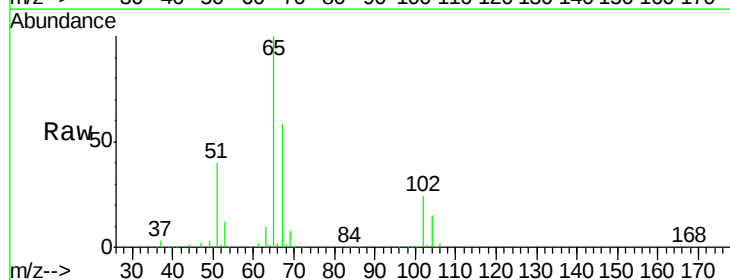
Acq: 06 Sep 2019 22:45

Tgt Ion: 65 Resp: 234541

Ion Ratio Lower Upper

65 100

67 56.2 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034348.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034348.D (-1289) (-)

5.29

120000

100000

80000

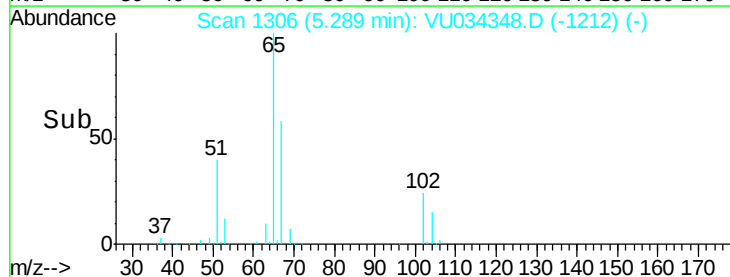
60000

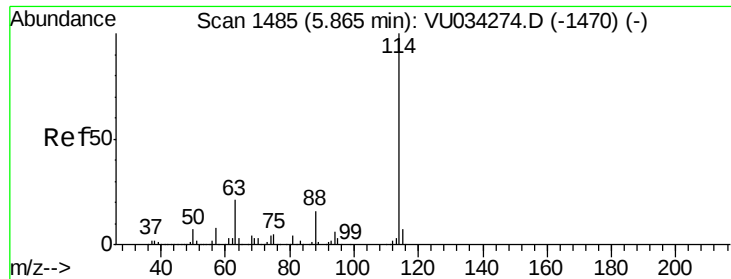
40000

20000

0

Time-->

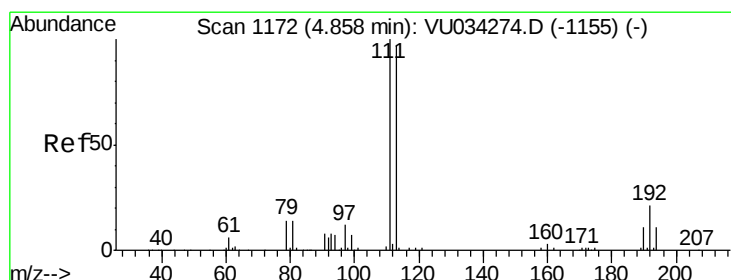
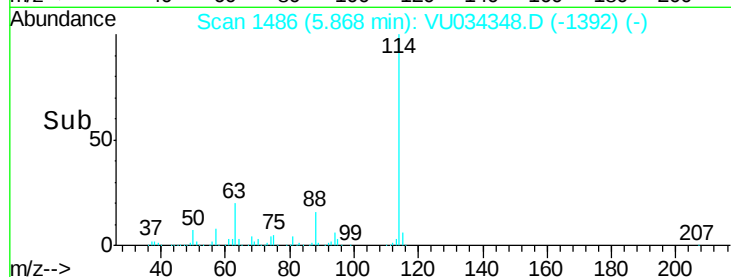
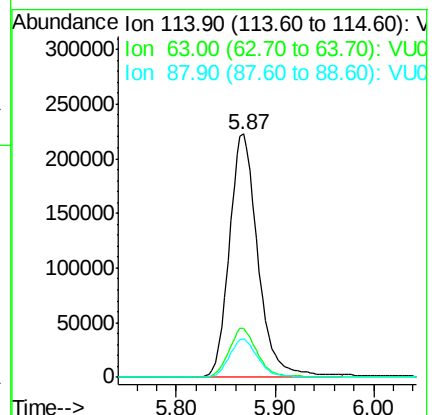
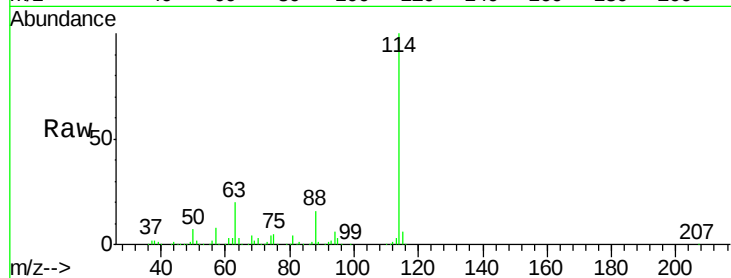




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034348.D
 Acq: 06 Sep 2019 22:45

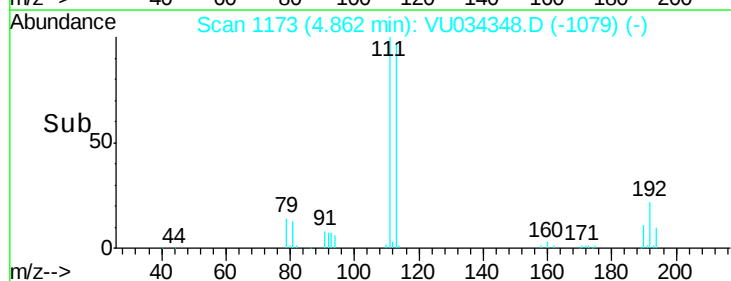
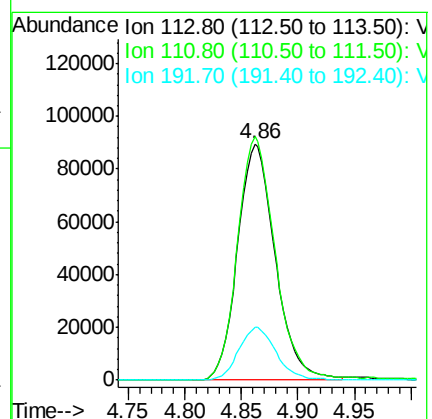
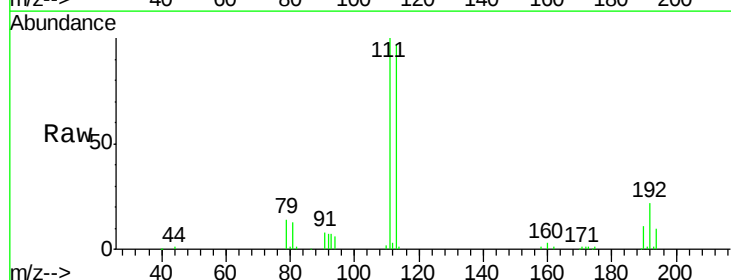
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-190903

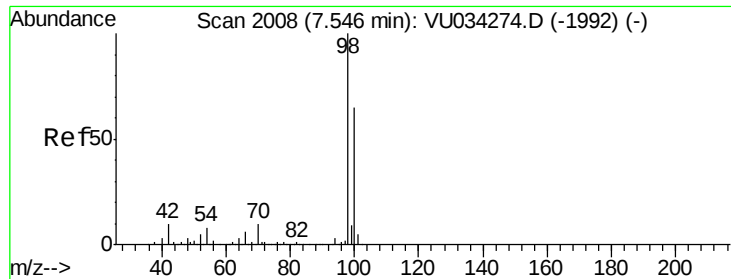
Tot Ion:114 Resp: 453253
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 15.7 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 49.181 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034348.D
 Acq: 06 Sep 2019 22:45

Tgt Ion:113 Resp: 207421
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.5 122.3
 192 22.2 17.8 26.8





#50

Toluene-d8

Concen: 49.316 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034348.D

Acq: 06 Sep 2019 22:45

Instrument :

MSVOA_U

ClientSampleId :

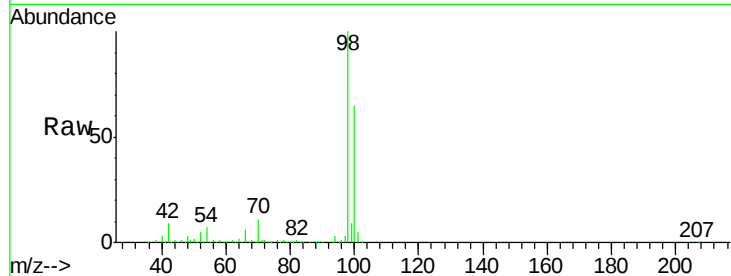
TB-01-190903

Tot Ion: 98 Resp: 781438

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034274.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU034274.D (-1992) (-)

7.55

400000

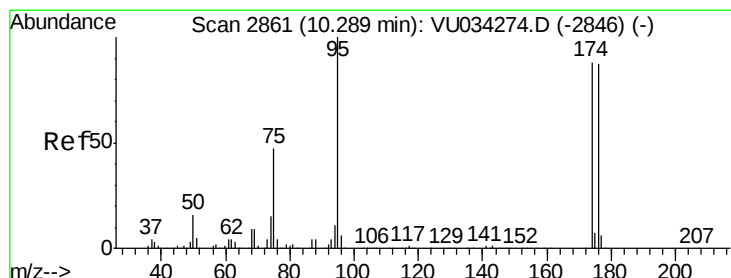
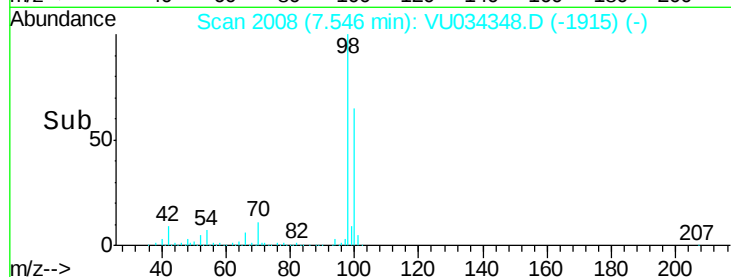
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.878 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034348.D

Acq: 06 Sep 2019 22:45

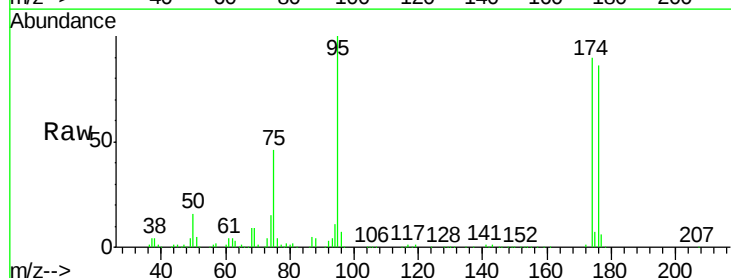
Tgt Ion: 95 Resp: 280670

Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.2

176 84.9 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034274.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034274.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034274.D (-2846) (-)

10.29

200000

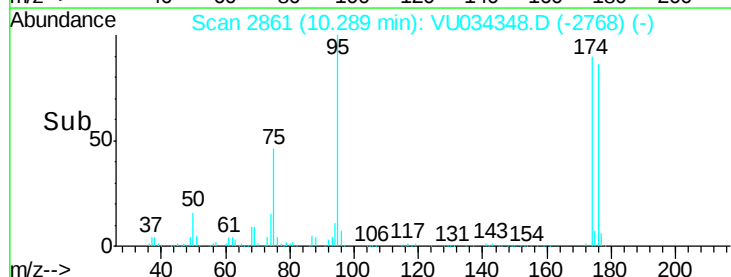
150000

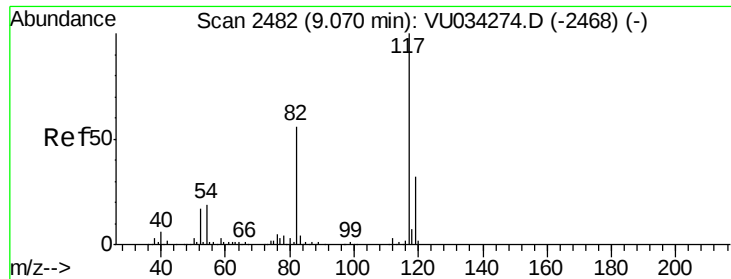
100000

50000

0

Time-->

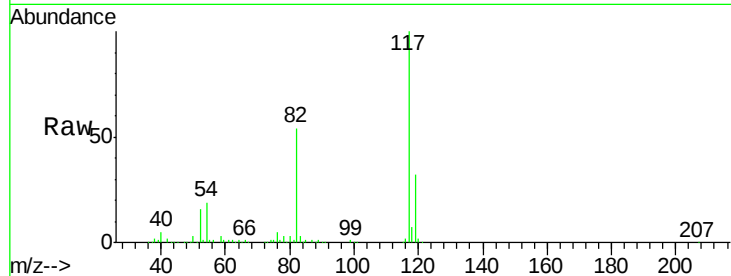




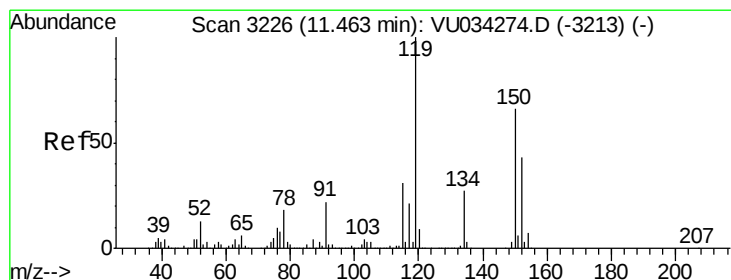
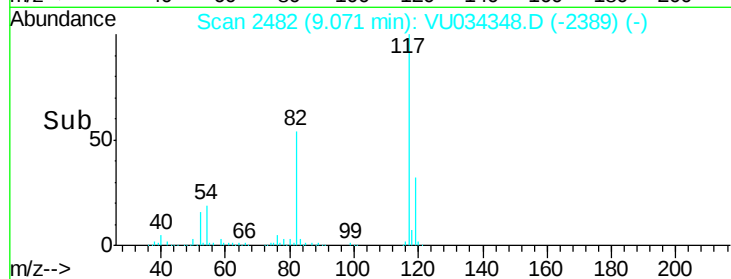
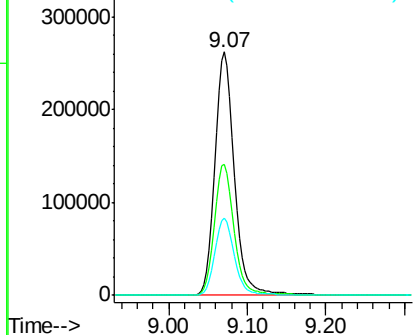
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034348.D
Acq: 06 Sep 2019 22:45

Instrument :
MSVOA_U
ClientSampleId :
TB-01-190903

Tot Ion:117 Resp: 448510
Ion Ratio Lower Upper
117 100
82 54.0 44.6 67.0
119 31.6 25.9 38.9

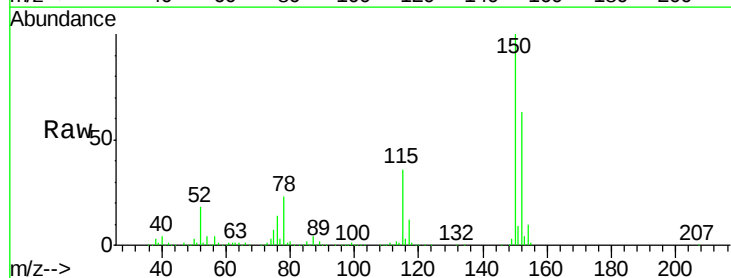


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034348.D
Acq: 06 Sep 2019 22:45

Tgt Ion:152 Resp: 265552
Ion Ratio Lower Upper
152 100
115 56.5 39.1 117.3
150 157.8 0.0 345.4



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

