

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034278.D
 Acq On : 05 Sep 2019 12:39
 Operator : JC/SP
 Sample : VU0906WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBL01

Quant Time: Sep 06 07:44:18 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	434113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	685762	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	640240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	309575	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	250152	38.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.16%	
35) Dibromofluoromethane	4.86	113	222631	34.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.78%	
50) Toluene-d8	7.55	98	853695	35.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.22%	
62) 4-Bromofluorobenzene	10.29	95	294443	31.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.62%	

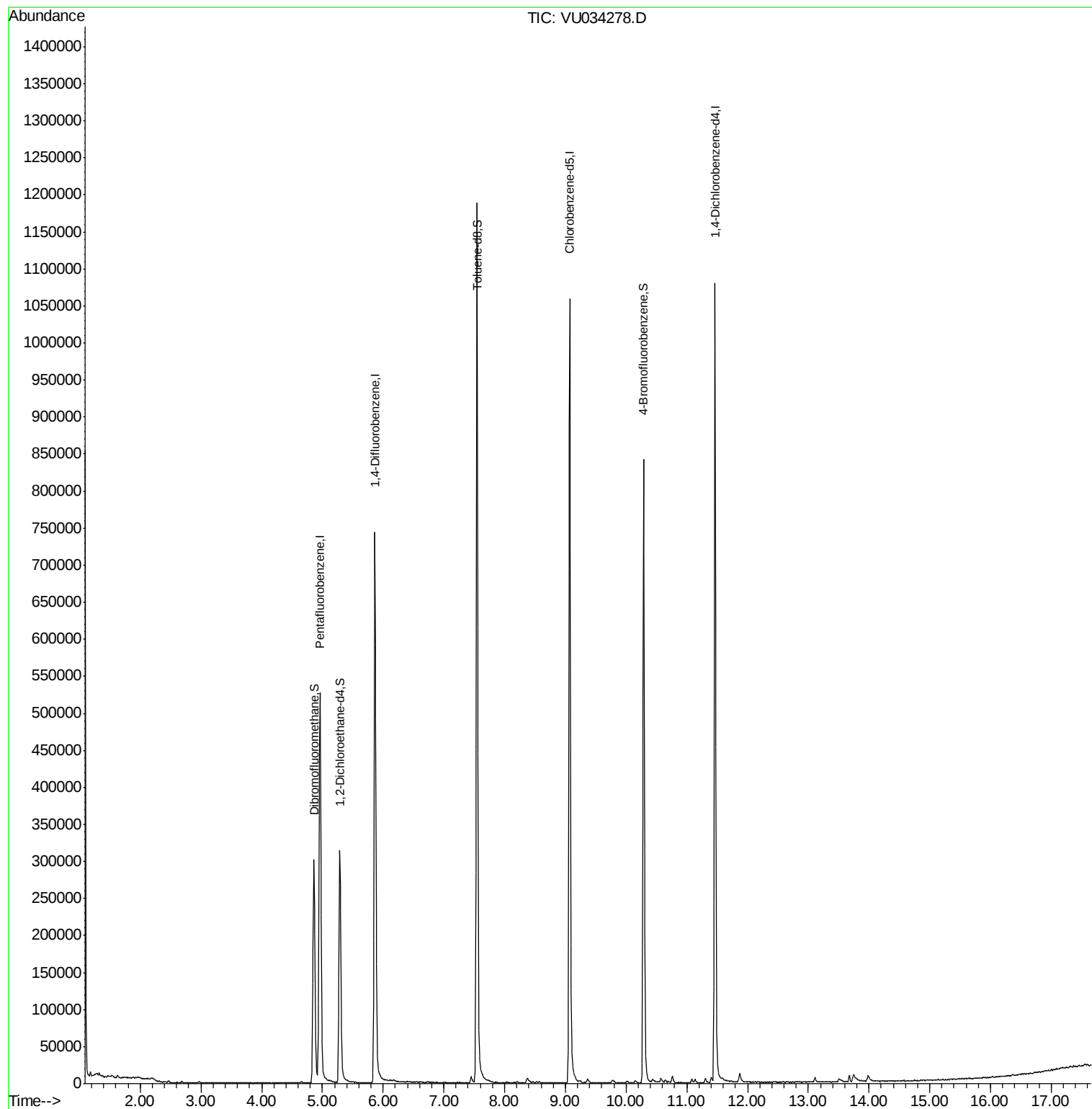
Target Compounds	Qvalue

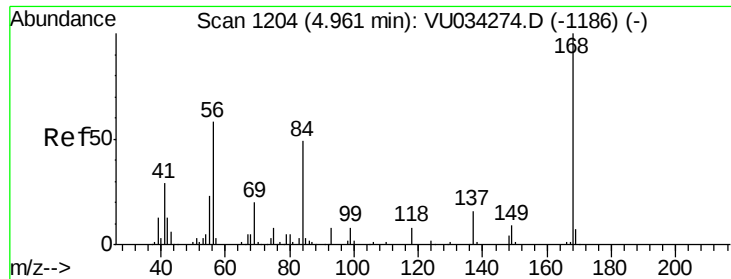
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034278.D

Acq: 05 Sep 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

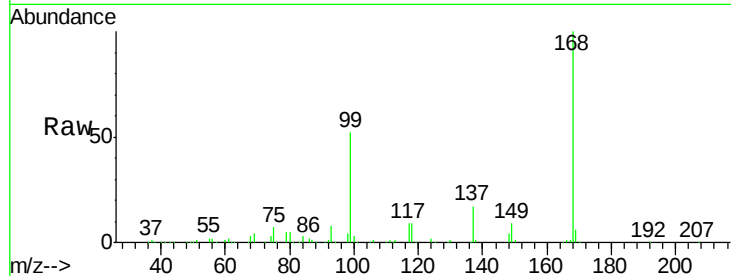
VU0906WBL01

Tot Ion:168 Resp: 434113

Ion Ratio Lower Upper

168 100

99 52.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034278.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034278.D (-1186) (-)

4.96

200000

150000

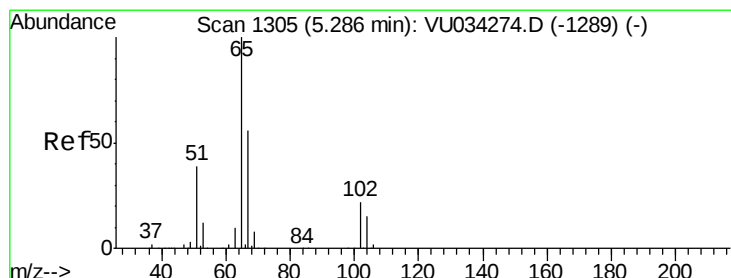
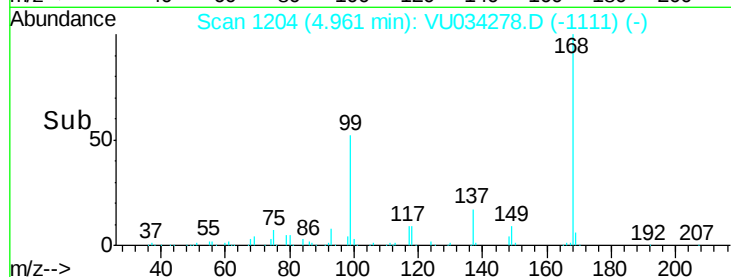
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 38.085 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034278.D

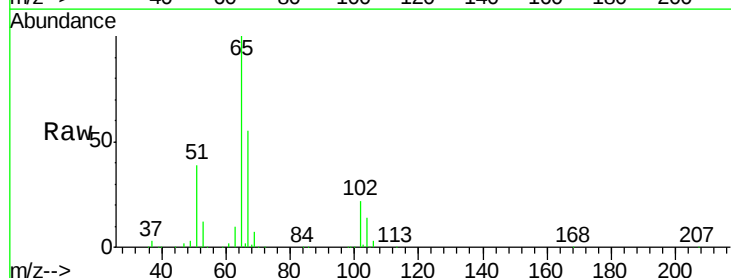
Acq: 05 Sep 2019 12:39

Tgt Ion: 65 Resp: 250152

Ion Ratio Lower Upper

65 100

67 55.7 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034278.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034278.D (-1289) (-)

5.29

120000

100000

80000

60000

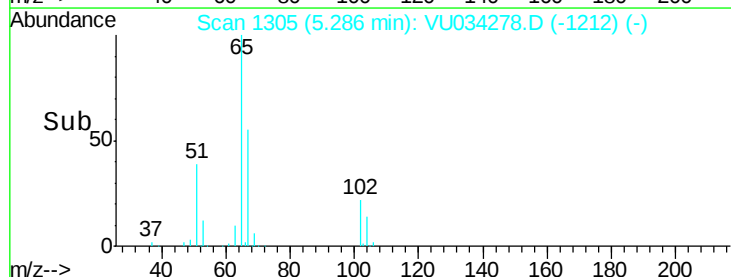
40000

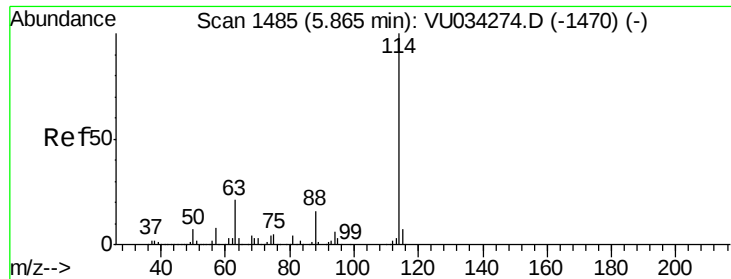
20000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034278.D

Acq: 05 Sep 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBL01

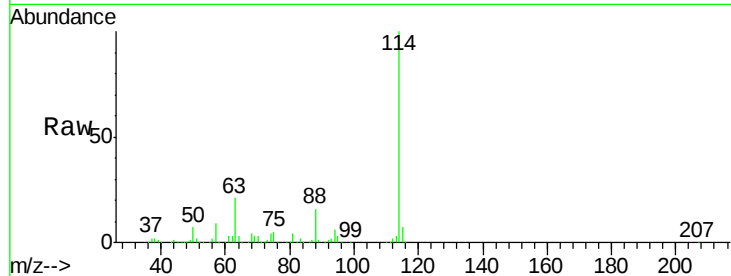
Tot Ion:114 Resp: 685762

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

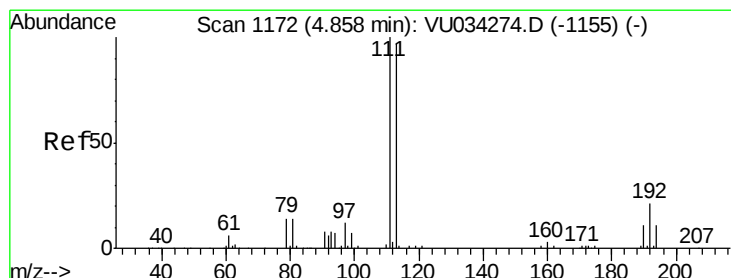
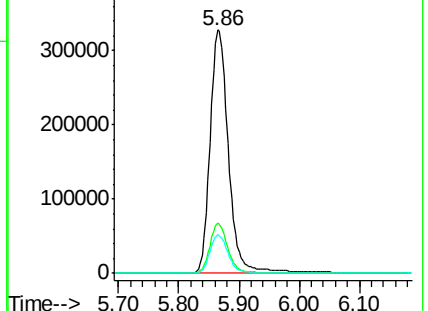
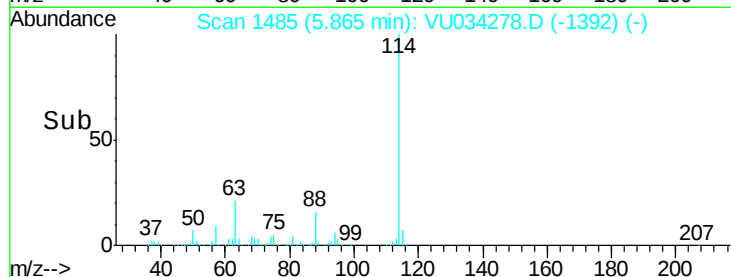
88 15.8 0.0 32.4



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: 34.889 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034278.D

Acq: 05 Sep 2019 12:39

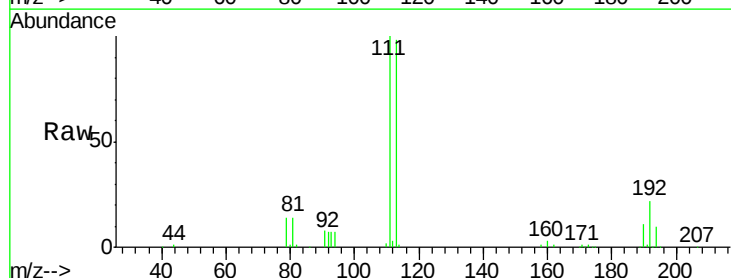
Tgt Ion:113 Resp: 222631

Ion Ratio Lower Upper

113 100

111 100.3 81.5 122.3

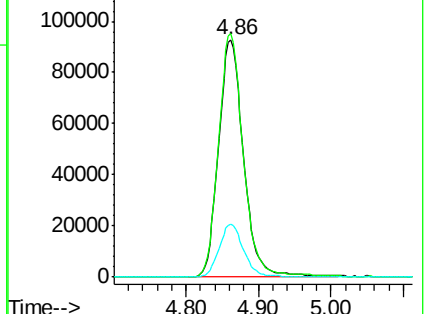
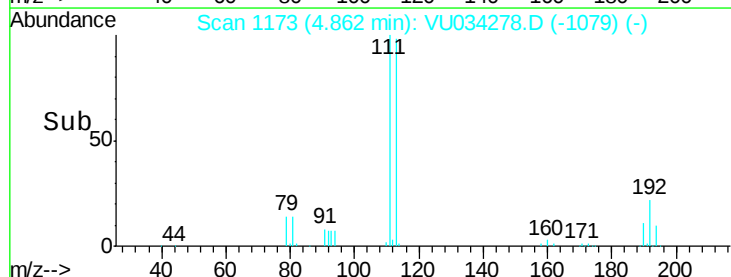
192 21.8 17.8 26.8

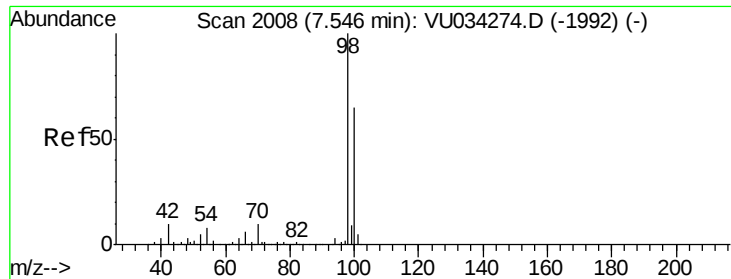


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 35.610 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034278.D

Acq: 05 Sep 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

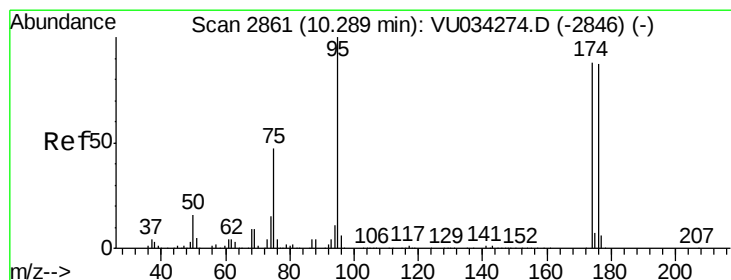
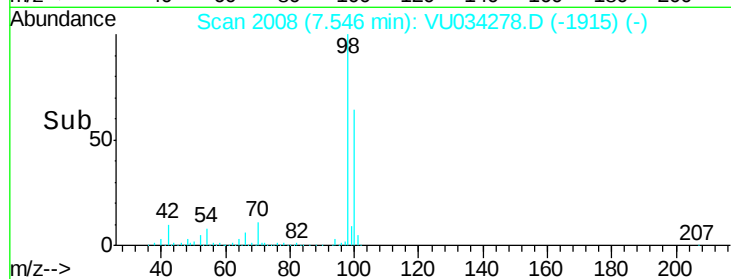
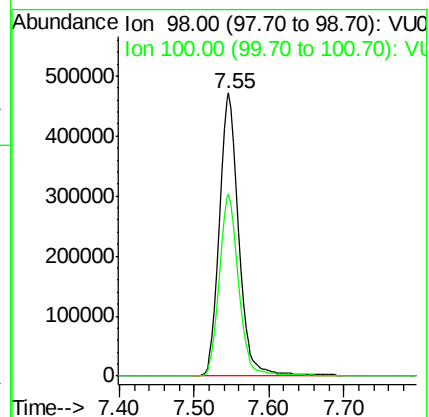
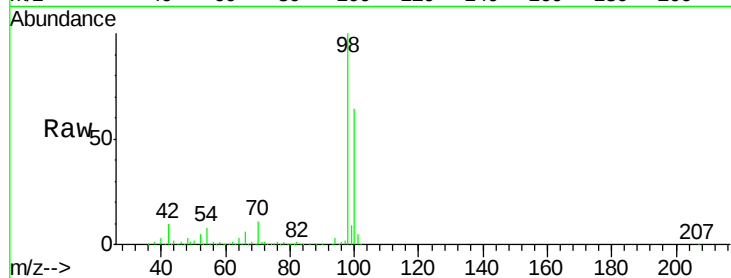
VU0906WBL01

Tot Ion: 98 Resp: 853695

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 31.811 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034278.D

Acq: 05 Sep 2019 12:39

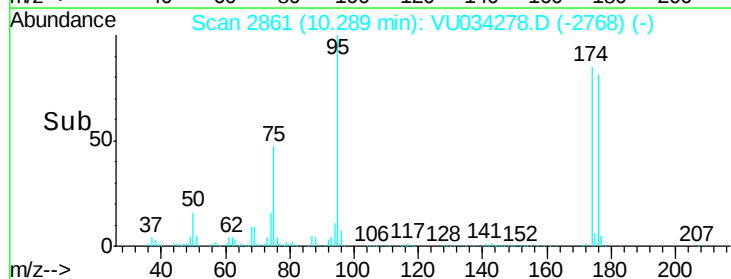
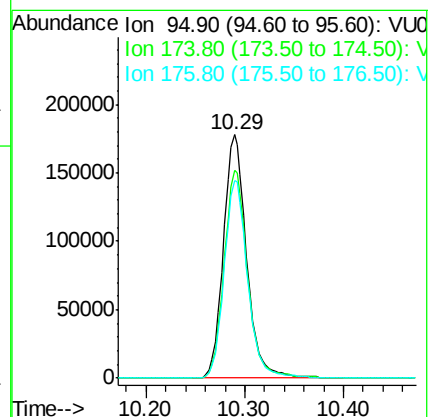
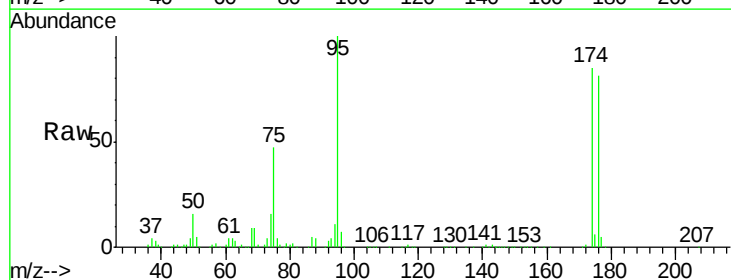
Tgt Ion: 95 Resp: 294443

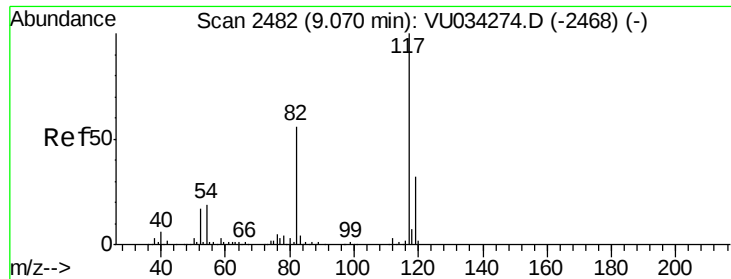
Ion Ratio Lower Upper

95 100

174 86.3 0.0 175.2

176 82.2 0.0 168.0

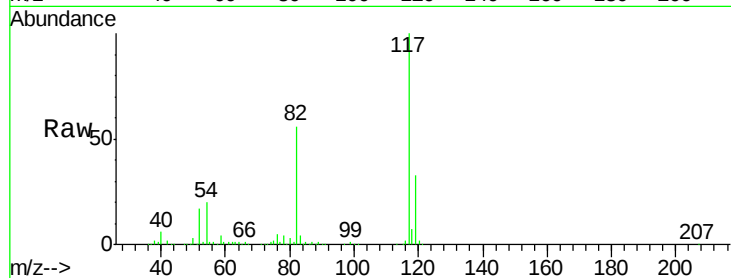




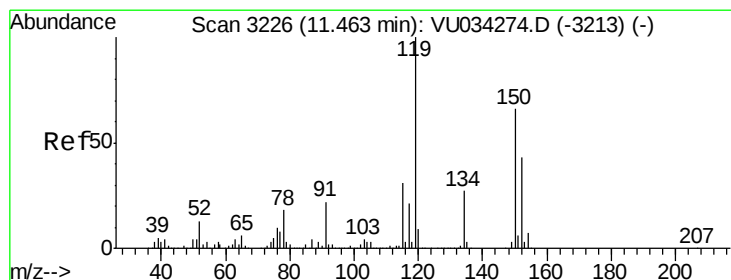
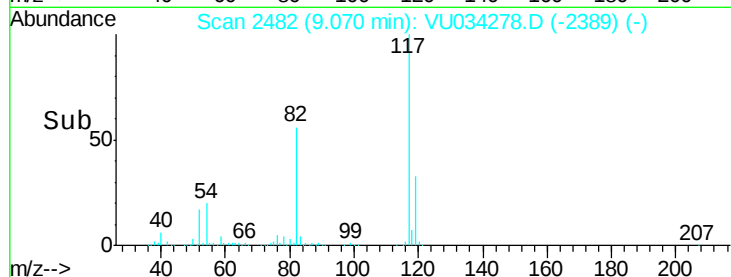
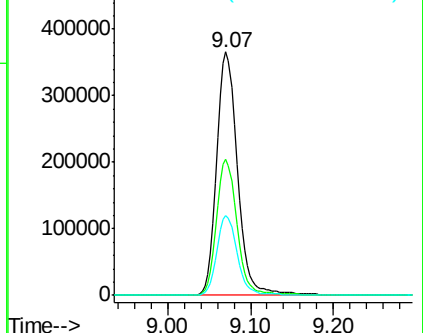
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.6	67.0
119	32.7	25.9	38.9

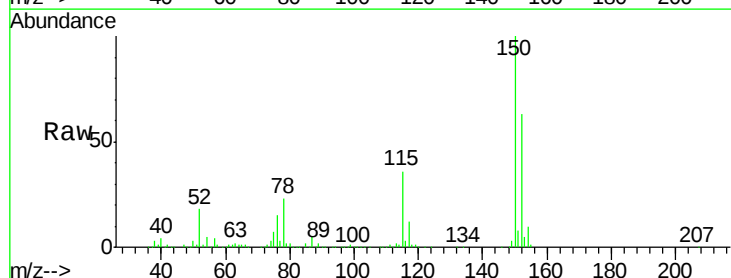


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034278.D
Acq: 05 Sep 2019 12:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	39.1	117.3
150	157.4	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

