

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090919\
 Data File : VU034418.D
 Acq On : 09 Sep 2019 09:23
 Operator : JC/SP
 Sample : VU0909WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0909WBL01

Quant Time: Sep 10 06:04:37 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	256784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	362842	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	370952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	209971	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	208154	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
35) Dibromofluoromethane	4.86	113	184745	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.44%	
50) Toluene-d8	7.54	98	634781	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	10.29	95	209380	42.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.50%	

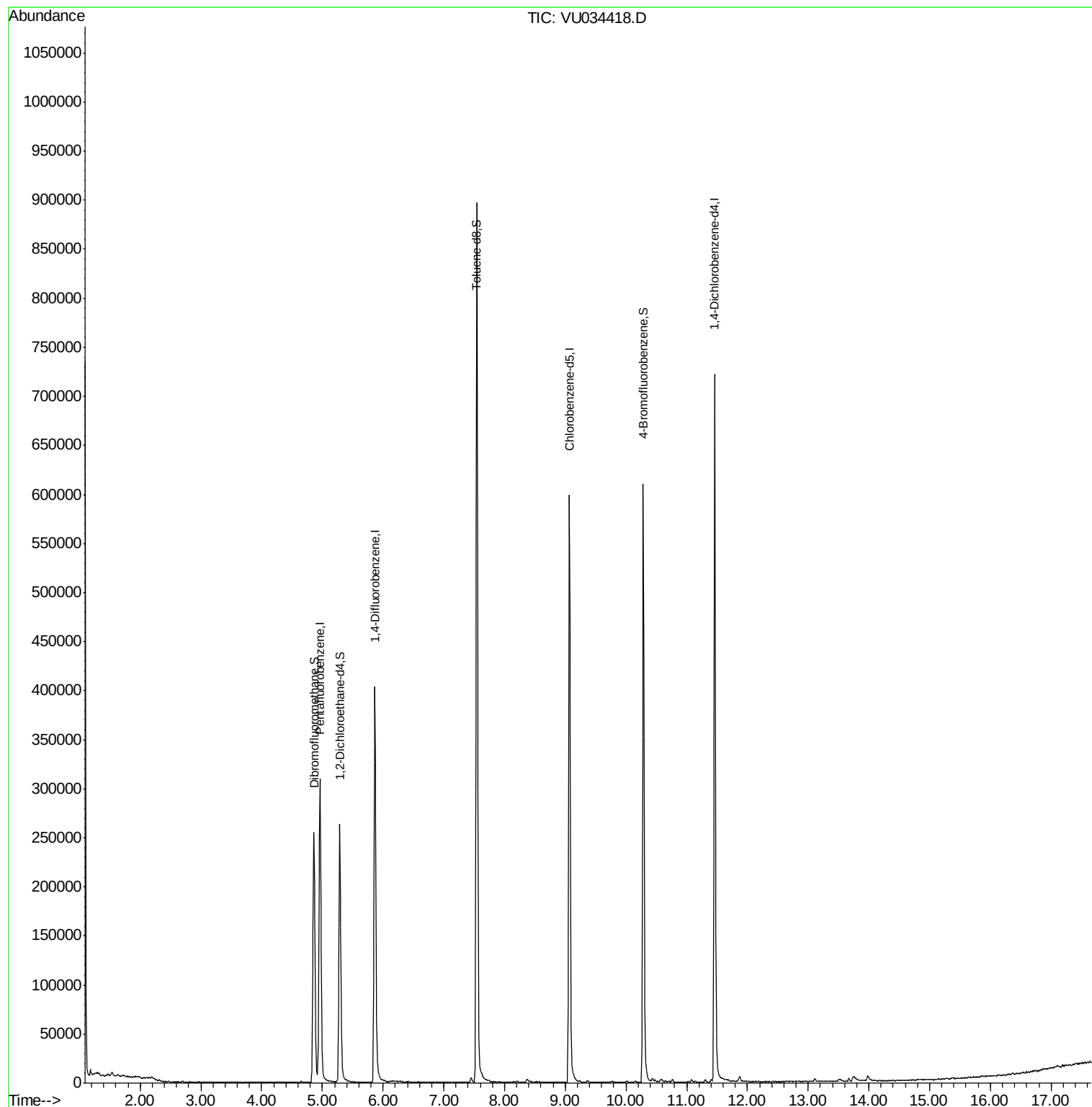
Target Compounds	Qvalue
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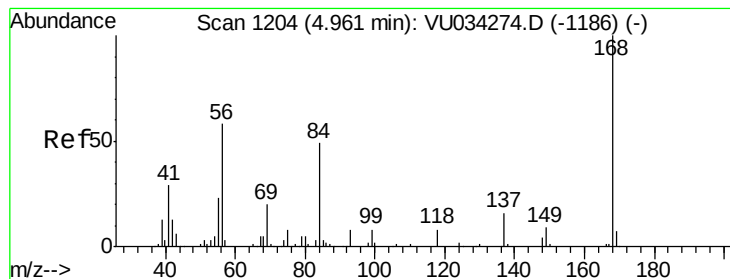
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1204

Delta R.T. 0.00 min

Lab File: VU034418.D

Acq: 09 Sep 2019 09:23

Instrument :

MSVOA_U

ClientSampleId :

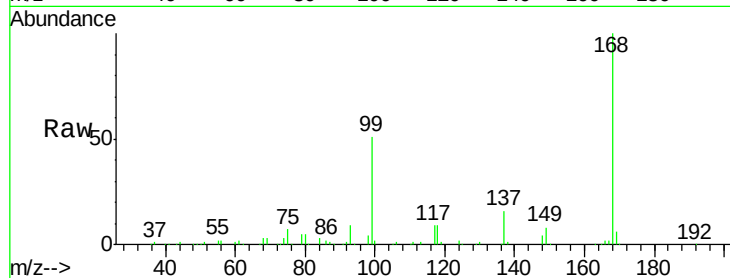
VU0909WBL01

Tot Ion:168 Resp: 256784

Ion Ratio Lower Upper

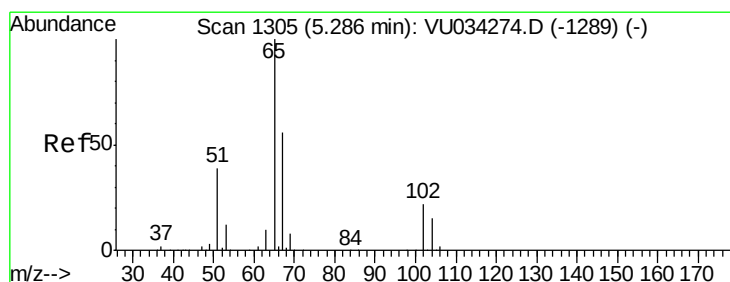
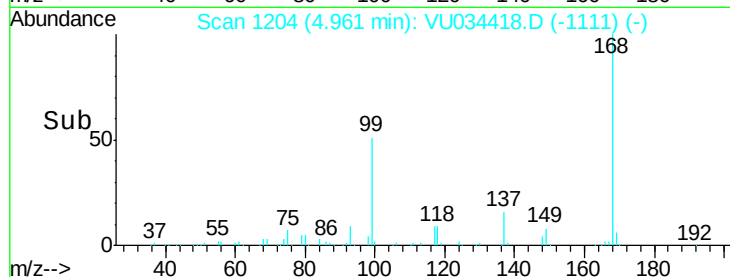
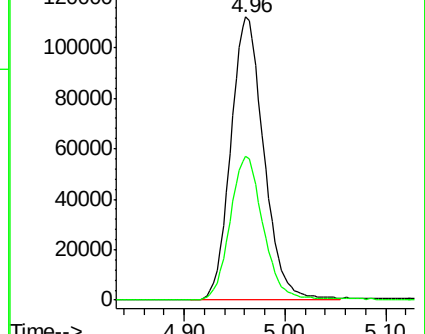
168 100

99 50.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034418.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034418.D (-1111) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.576 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034418.D

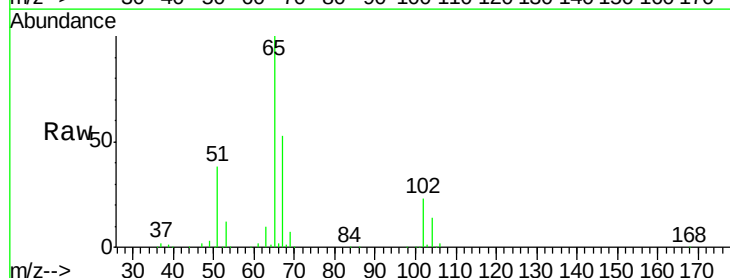
Acq: 09 Sep 2019 09:23

Tgt Ion: 65 Resp: 208154

Ion Ratio Lower Upper

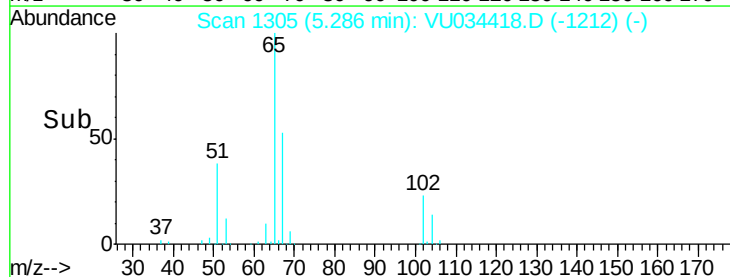
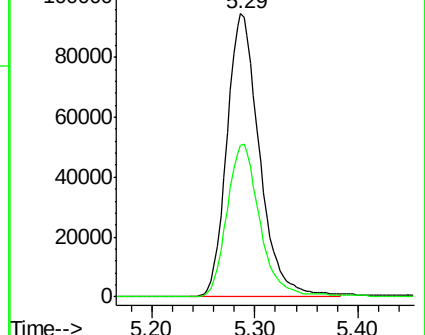
65 100

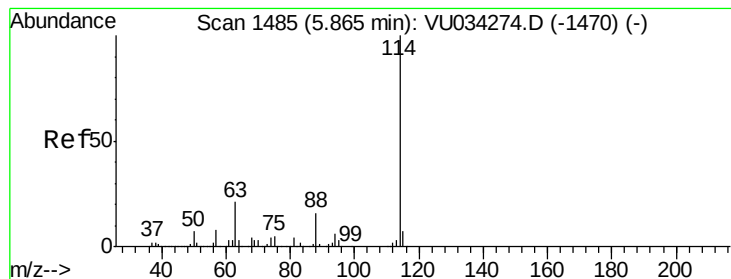
67 54.9 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034418.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034418.D (-1212) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034418.D

Acq: 09 Sep 2019 09:23

Instrument :

MSVOA_U

ClientSampleId :

VU0909WBL01

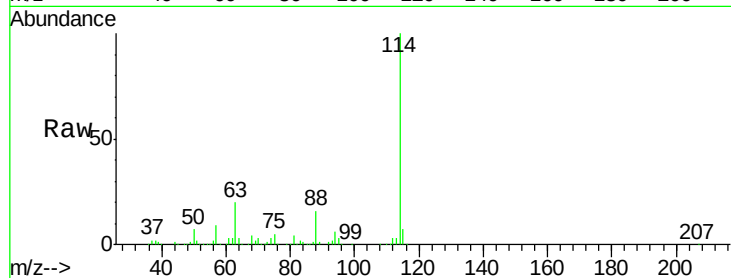
Tot Ion:114 Resp: 362842

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

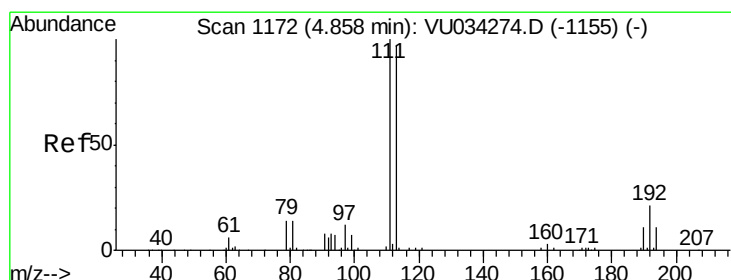
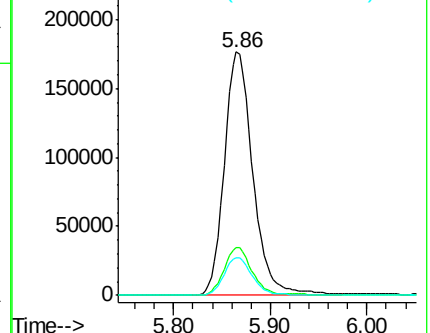
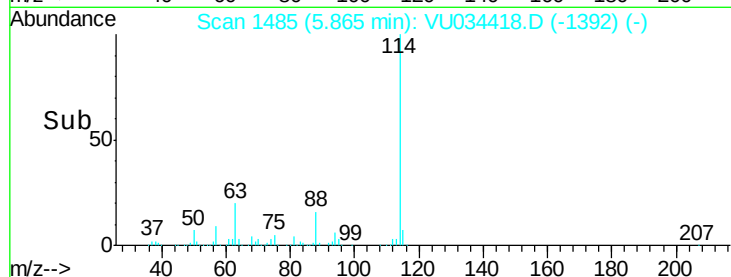
88 15.6 0.0 32.4



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: 54.719 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034418.D

Acq: 09 Sep 2019 09:23

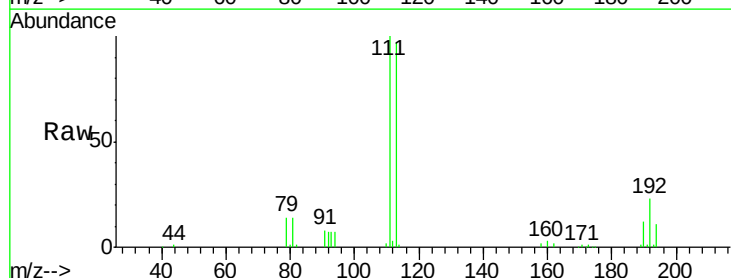
Tgt Ion:113 Resp: 184745

Ion Ratio Lower Upper

113 100

111 101.1 81.5 122.3

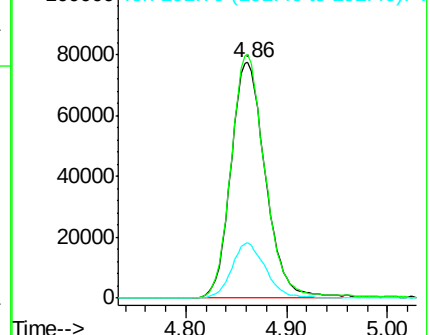
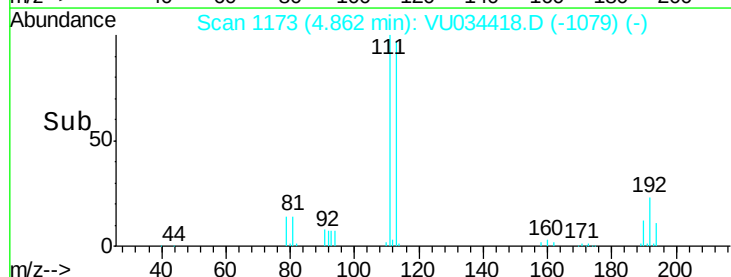
192 22.9 17.8 26.8

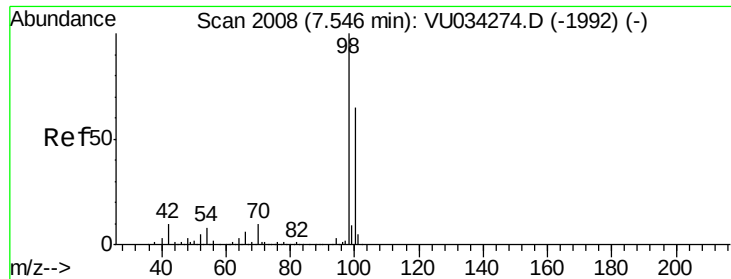


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.043 ug/l

RT: 7.54 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VU034418.D

Acq: 09 Sep 2019 09:23

Instrument :

MSVOA_U

ClientSampleId :

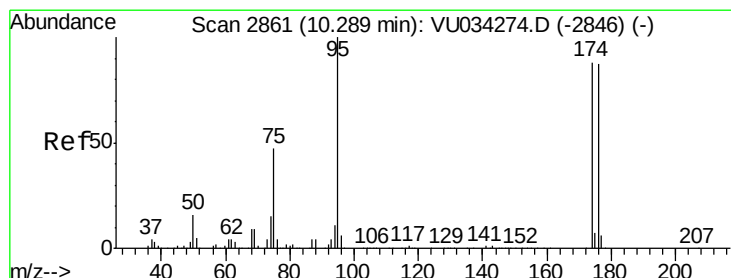
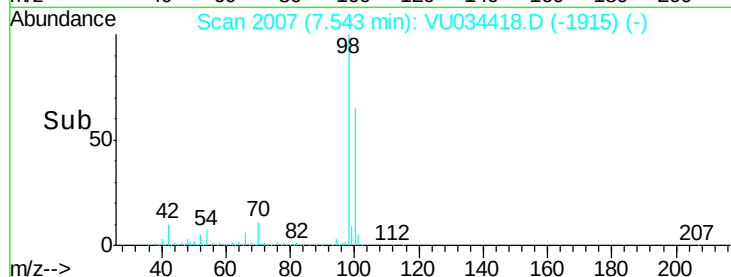
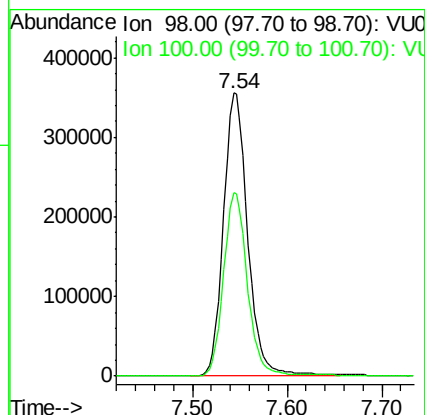
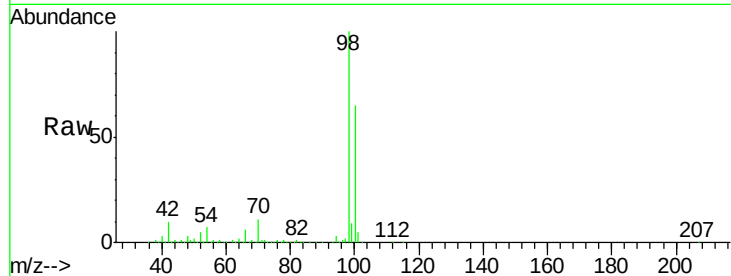
VU0909WBL01

Tot Ion: 98 Resp: 634781

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 42.753 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034418.D

Acq: 09 Sep 2019 09:23

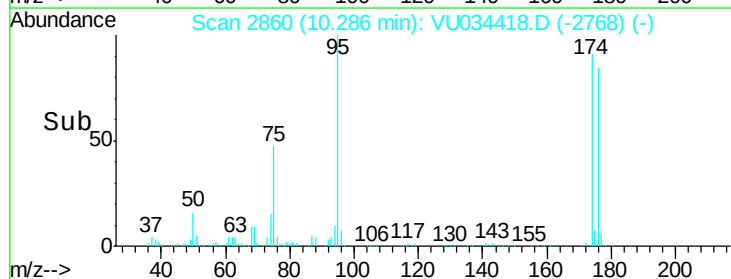
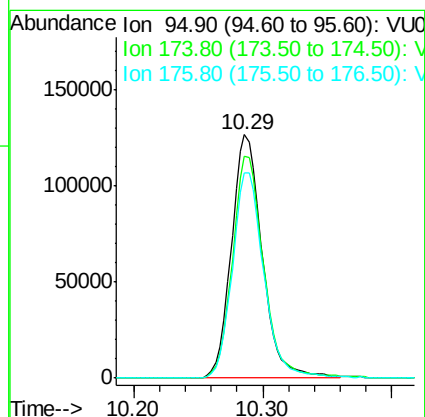
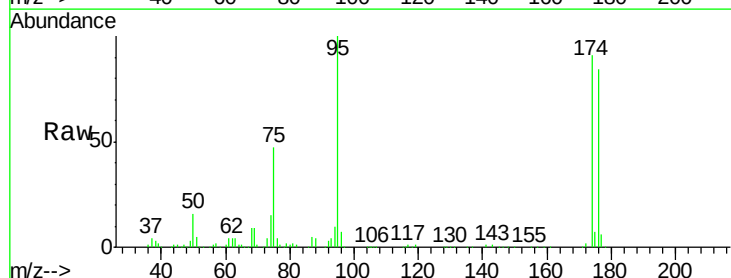
Tgt Ion: 95 Resp: 209380

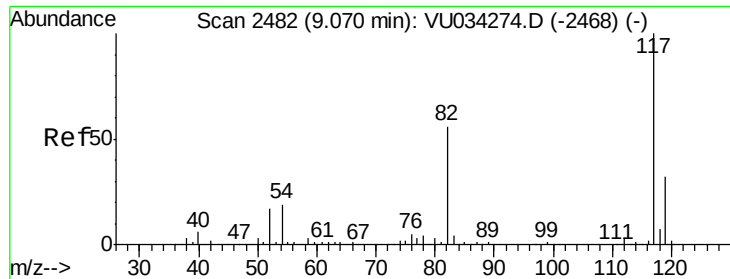
Ion Ratio Lower Upper

95 100

174 92.8 0.0 175.2

176 86.5 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: VU034418.D

Acq: 09 Sep 2019 09:23

Instrument :

MSVOA_U

ClientSampled :

VU0909WBL01

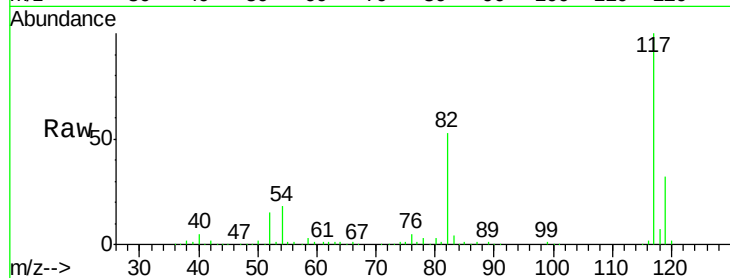
Tot Ion:117 Resp: 370952

Ion Ratio Lower Upper

117 100

82 53.0 44.6 67.0

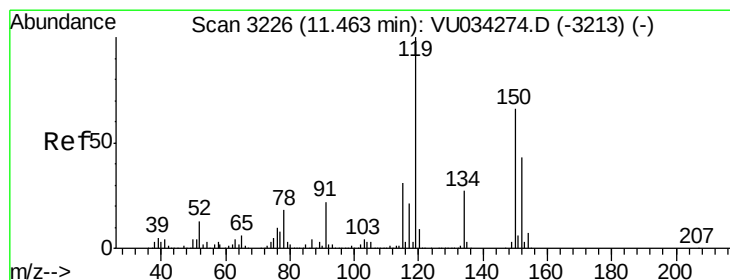
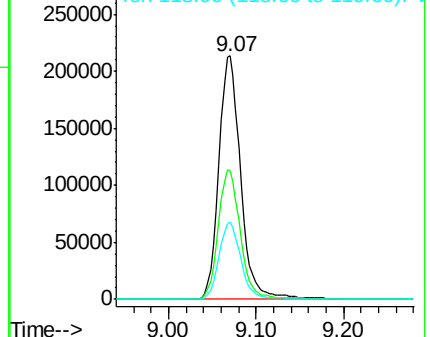
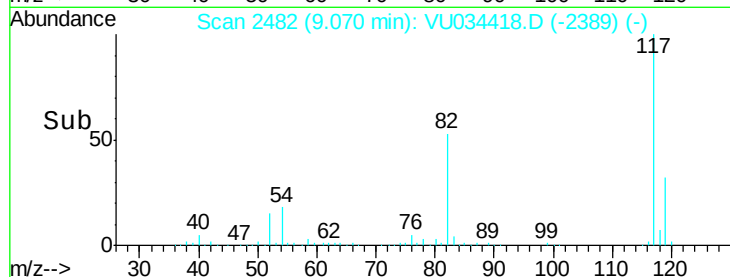
119 31.7 25.9 38.9



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: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034418.D

Acq: 09 Sep 2019 09:23

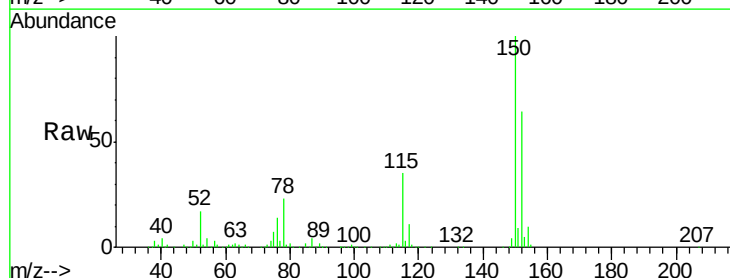
Tgt Ion:152 Resp: 209971

Ion Ratio Lower Upper

152 100

115 55.3 39.1 117.3

150 156.4 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

