

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090419\
 Data File : VU034222.D
 Acq On : 03 Sep 2019 13:05
 Operator : JC/SP
 Sample : K4639-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GW-02

Quant Time: Sep 04 05:28:35 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

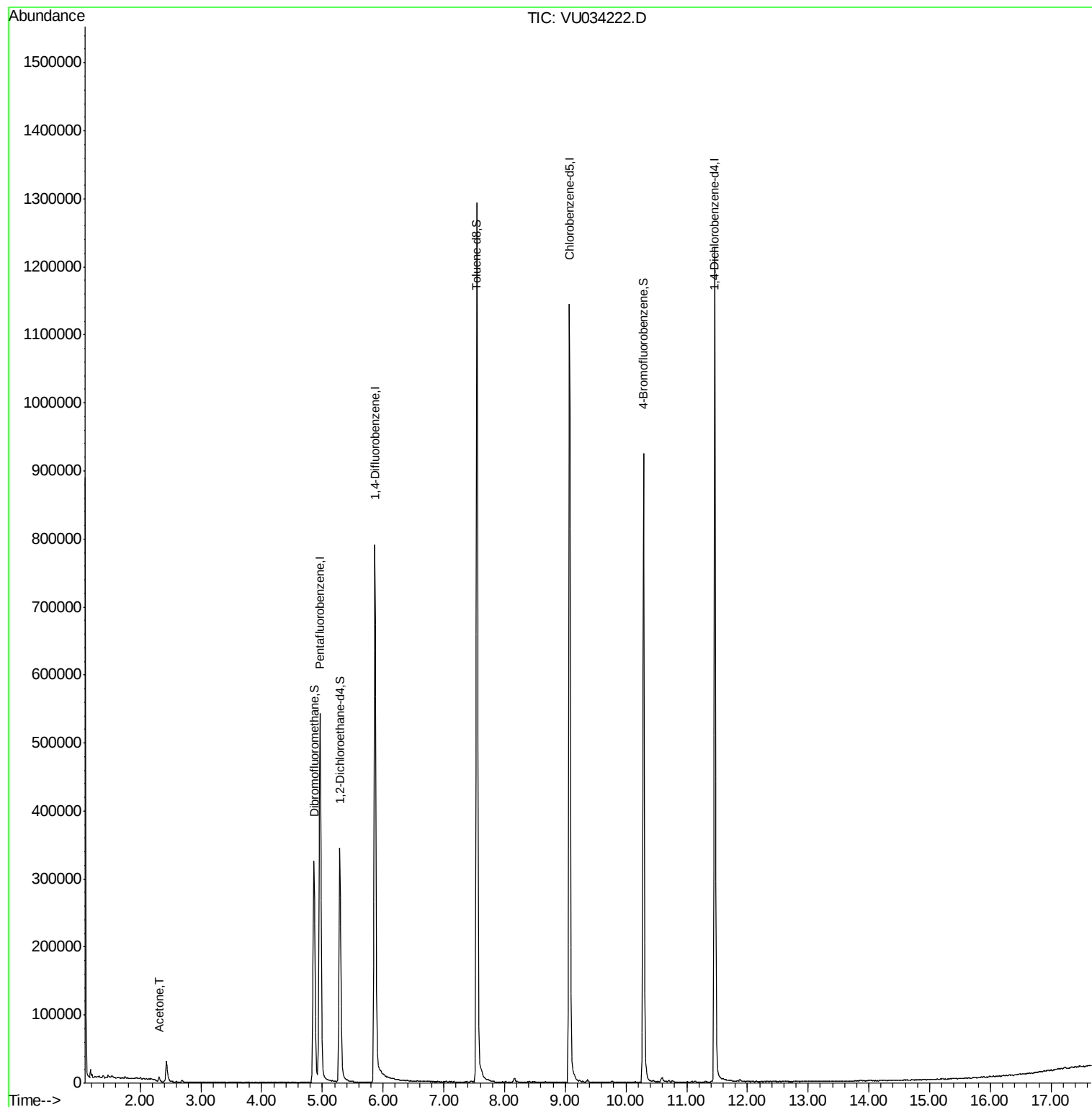
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	438548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	699548	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	685874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	341903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	275905	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
35) Dibromofluoromethane	4.86	113	233413	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	7.55	98	900029	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	10.29	95	316195	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
Target Compounds						
16) Acetone	2.31	43	7526	2.625	ug/l	Qvalue 98

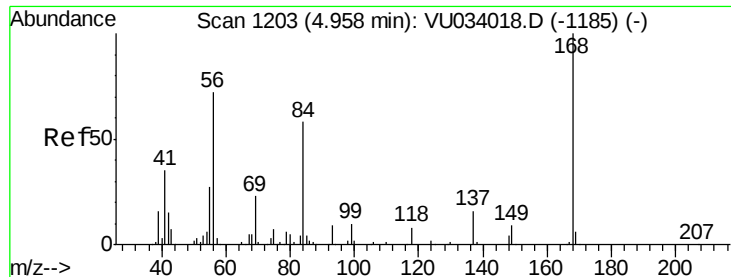
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034222.D

Acq: 03 Sep 2019 13:05

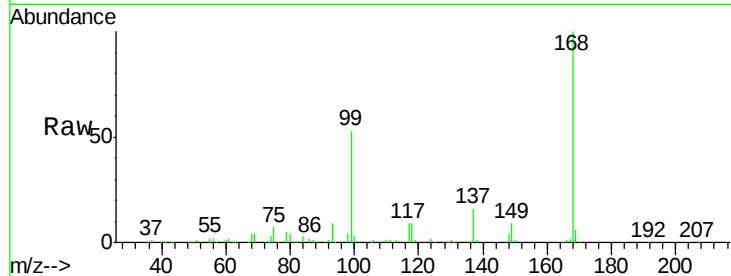
Instrument :
MSVOA_U
ClientSampled :
GW-02

Tot Ion:168 Resp: 438548

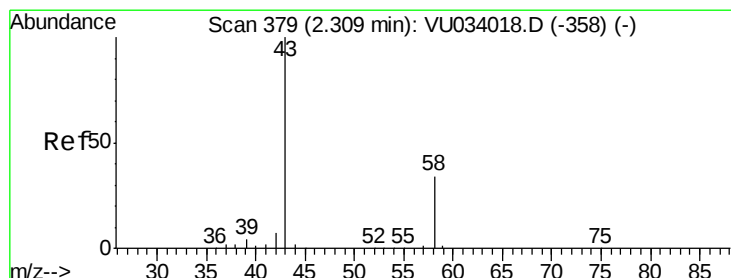
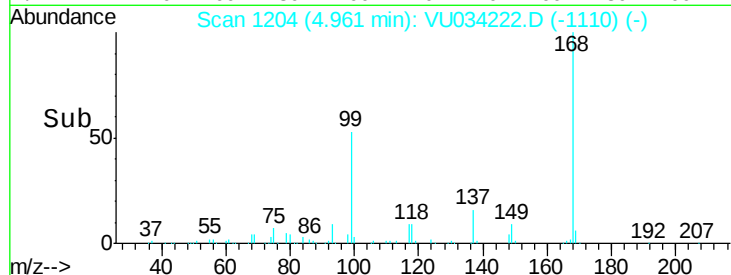
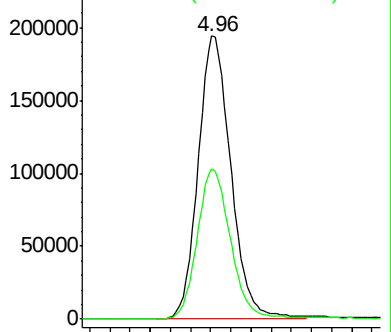
Ion Ratio Lower Upper

168 100

99 53.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)



#16

Acetone

Concen: 2.625 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034222.D

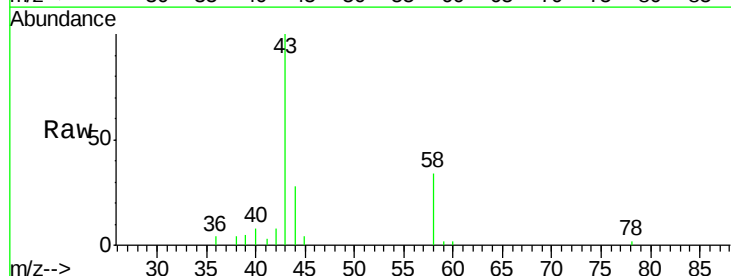
Acq: 03 Sep 2019 13:05

Tgt Ion: 43 Resp: 7526

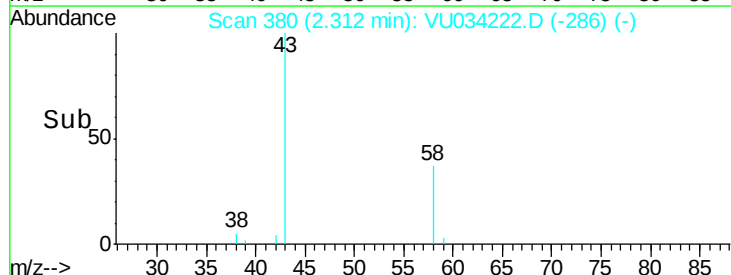
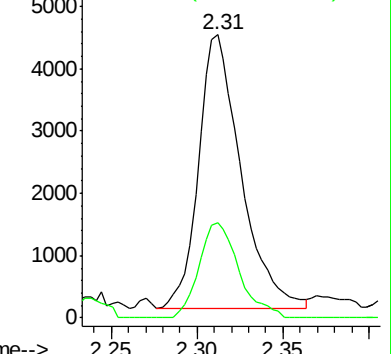
Ion Ratio Lower Upper

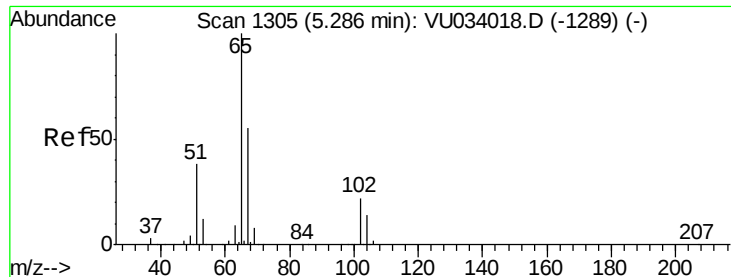
43 100

58 34.9 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.100 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034222.D

Acq: 03 Sep 2019 13:05

Instrument :

MSVOA_U

ClientSampled :

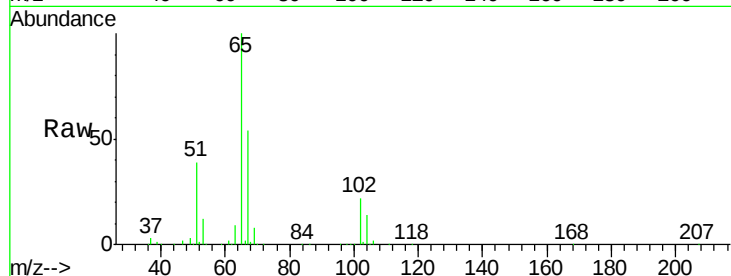
GW-02

Tot Ion: 65 Resp: 275905

Ion Ratio Lower Upper

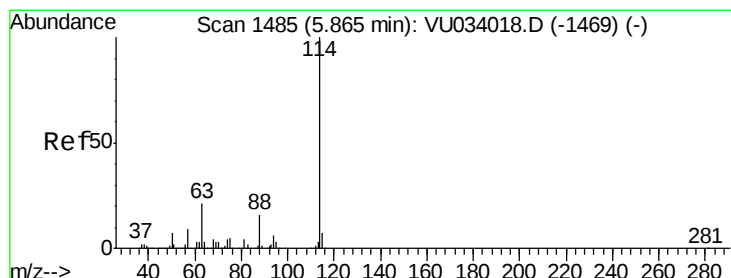
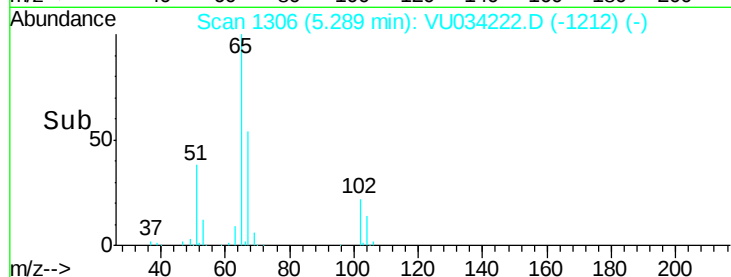
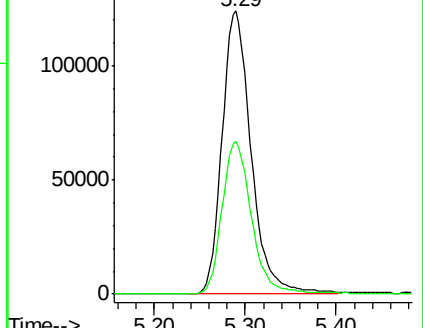
65 100

67 54.7 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034222.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034222.D (-1289) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034222.D

Acq: 03 Sep 2019 13:05

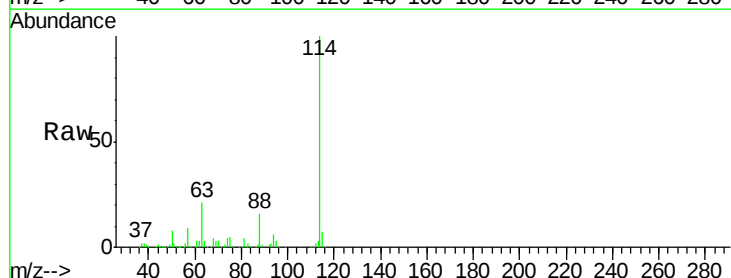
Tgt Ion: 114 Resp: 699548

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.0

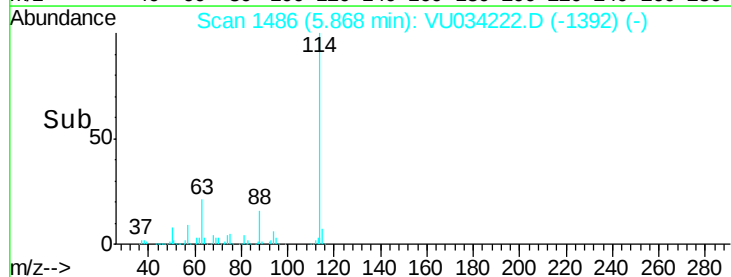
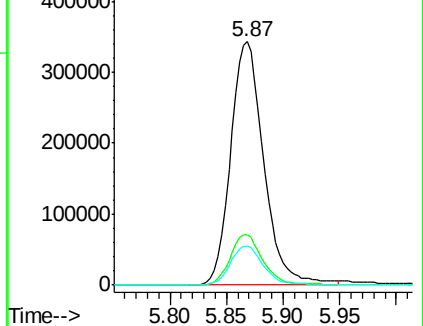
88 15.9 0.0 32.0

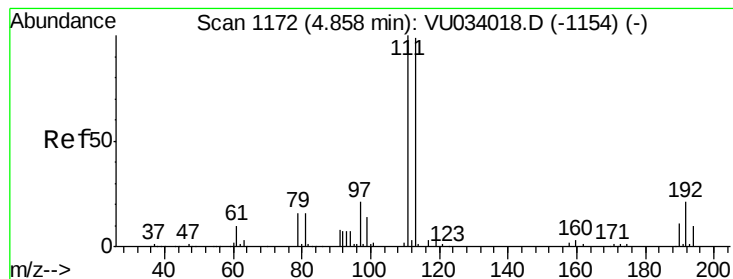


Abundance Ion 113.90 (113.60 to 114.60): VU034222.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU034222.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU034222.D (-1392) (-)





#35

Dibromofluoromethane

Concen: 48.107 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034222.D

Acq: 03 Sep 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

GW-02

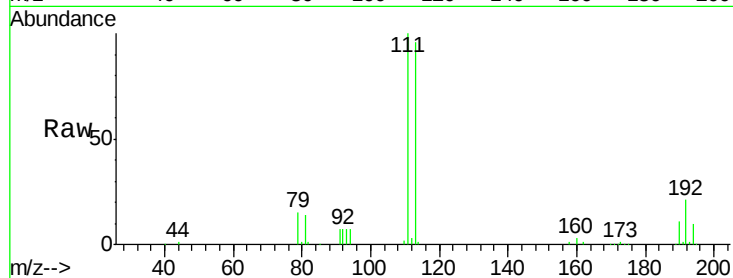
Tot Ion:113 Resp: 233413

Ion Ratio Lower Upper

113 100

111 103.8 81.7 122.5

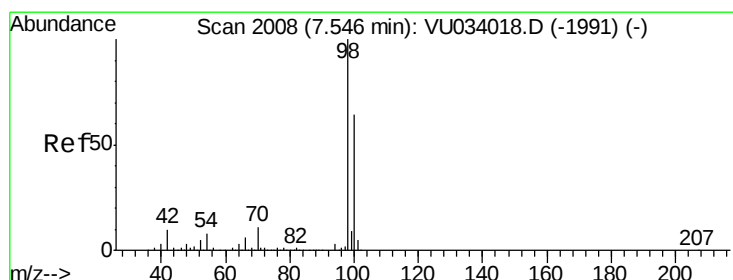
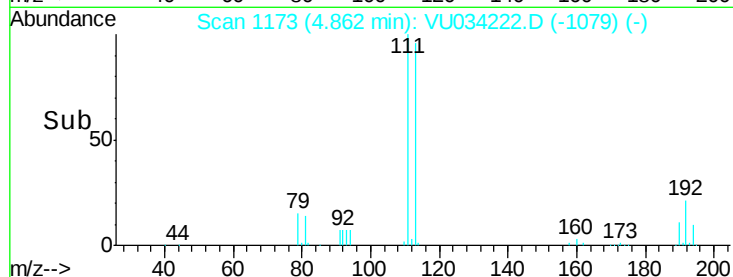
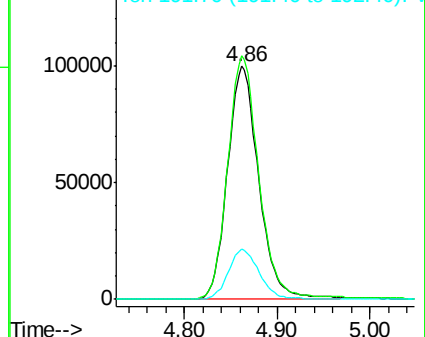
192 21.4 17.1 25.7



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: 49.540 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034222.D

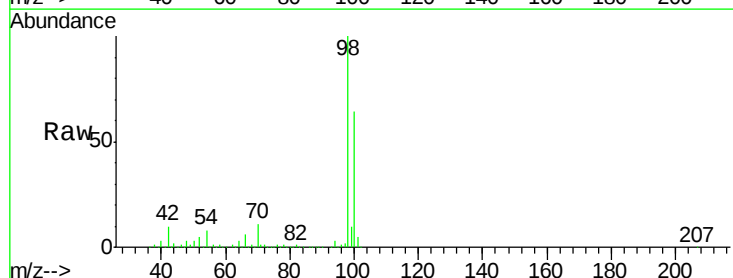
Acq: 03 Sep 2019 13:05

Tgt Ion: 98 Resp: 900029

Ion Ratio Lower Upper

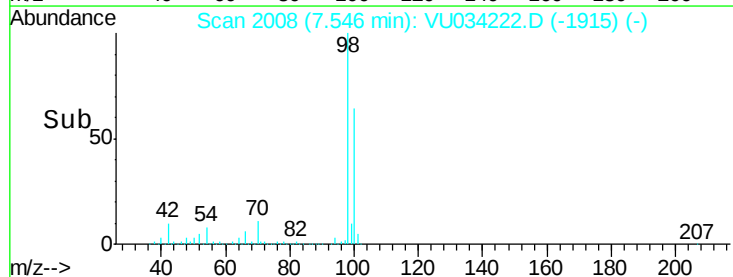
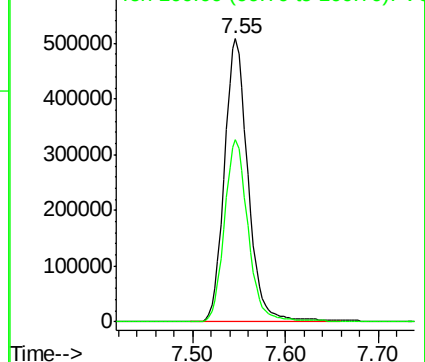
98 100

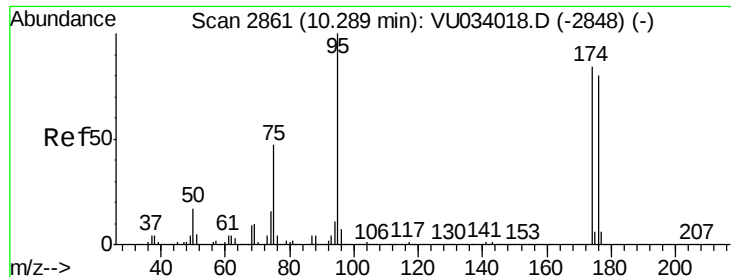
100 64.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 44.742 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034222.D

Acq: 03 Sep 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

GW-02

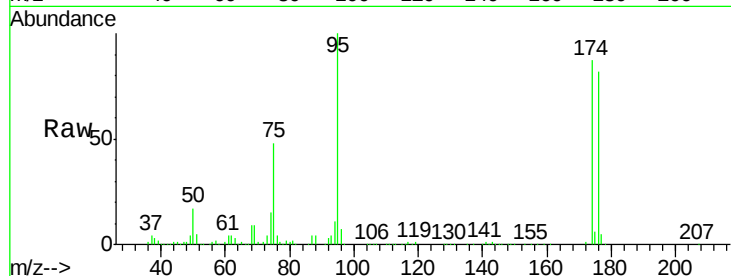
Tot Ion: 95 Resp: 316195

Ion Ratio Lower Upper

95 100

174 86.7 0.0 168.8

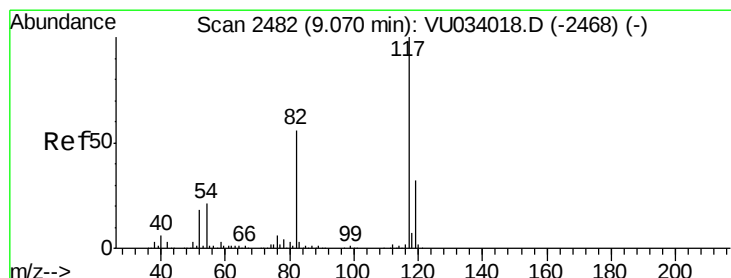
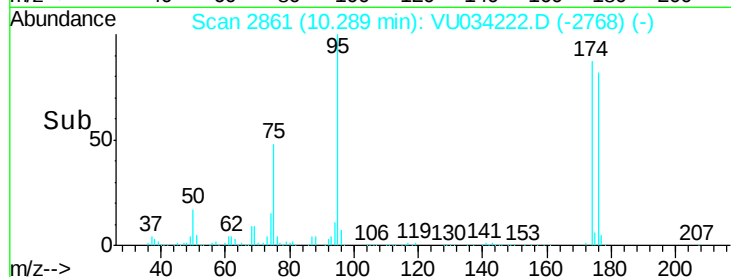
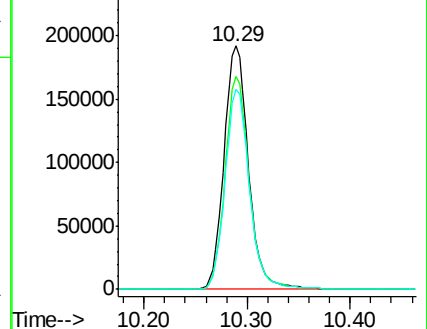
176 82.5 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034018.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034018.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034018.D (-2848) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034222.D

Acq: 03 Sep 2019 13:05

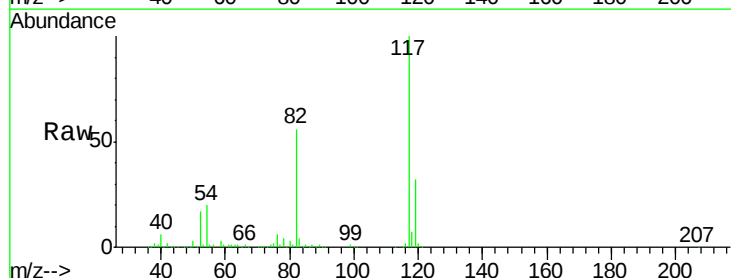
Tgt Ion: 117 Resp: 685874

Ion Ratio Lower Upper

117 100

82 55.9 45.1 67.7

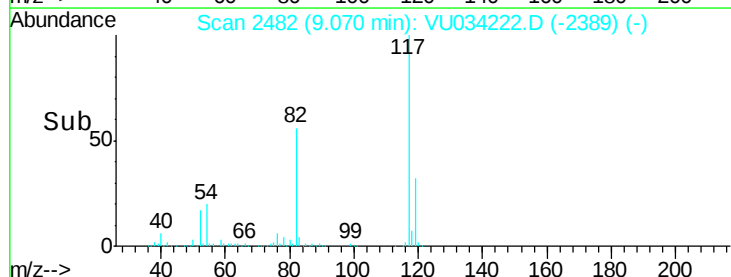
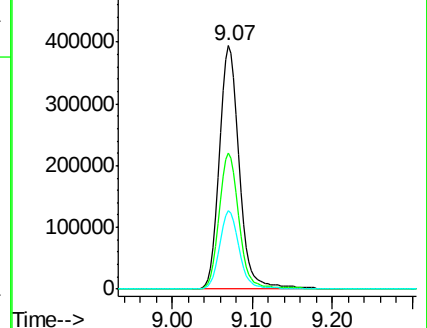
119 32.0 25.4 38.0

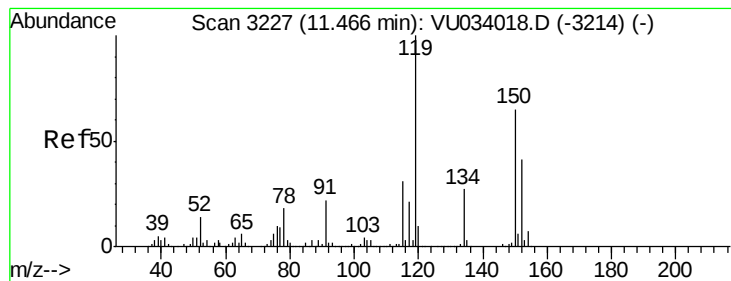


Abundance Ion 116.90 (116.60 to 117.60): VU034018.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034018.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034018.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034222.D

Acq: 03 Sep 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

GW-02

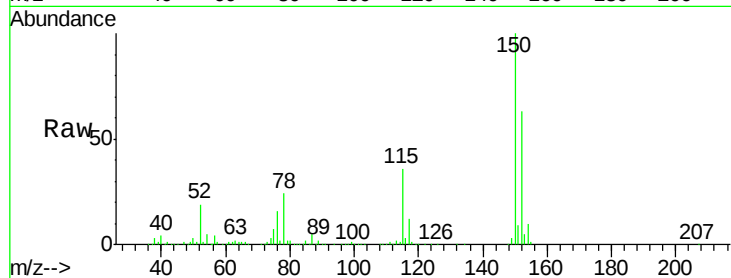
Tot Ion:152 Resp: 341903

Ion Ratio Lower Upper

152 100

115 57.0 41.1 123.3

150 156.6 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

