

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034094.D
 Acq On : 30 Aug 2019 13:34
 Operator : JC/SP
 Sample : K4555-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-4

Quant Time: Aug 31 03:58:08 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

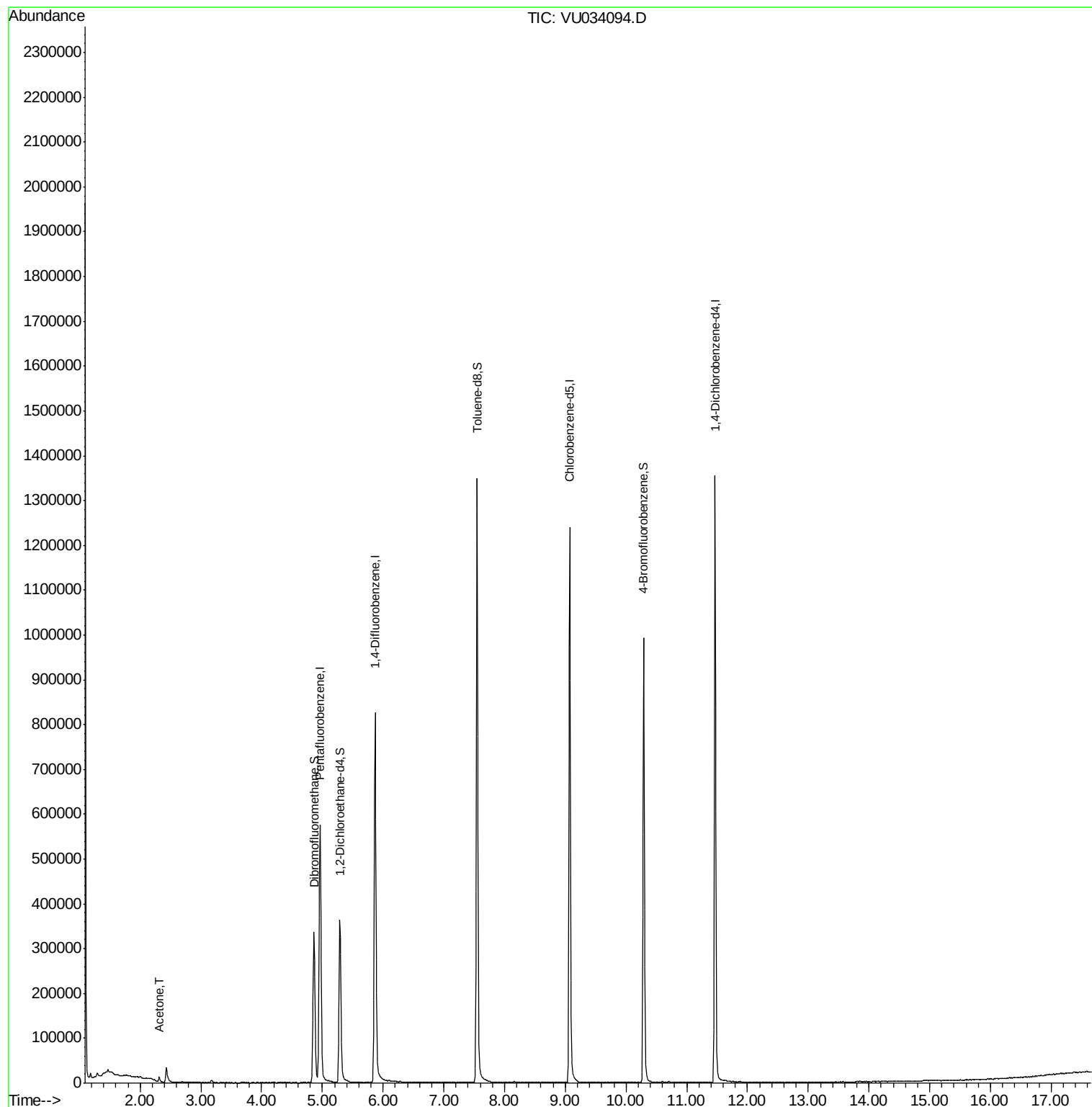
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	470165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	744737	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	721610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	366815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	290305	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
35) Dibromofluoromethane	4.86	113	241976	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
50) Toluene-d8	7.55	98	944439	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	10.29	95	341501	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
Target Compounds						
16) Acetone	2.31	43	10727	3.490	ug/l	Qvalue 100

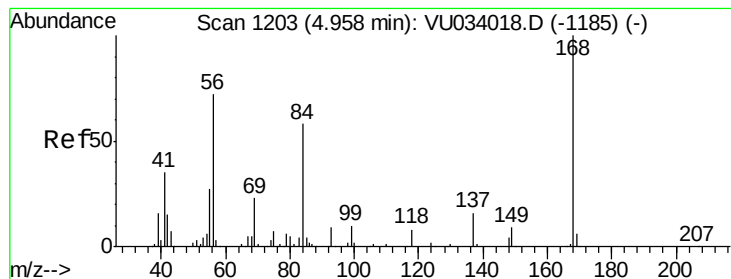
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034094.D

Acq: 30 Aug 2019 13:34

Instrument :

MSVOA_U

ClientSampleId :

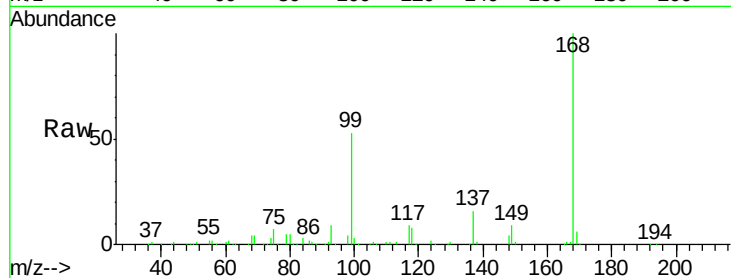
TW-4

Tot Ion:168 Resp: 470165

Ion Ratio Lower Upper

168 100

99 53.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034094.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034094.D (-1110) (-)

4.96

200000

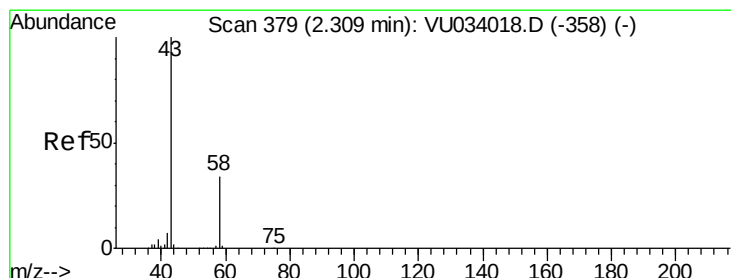
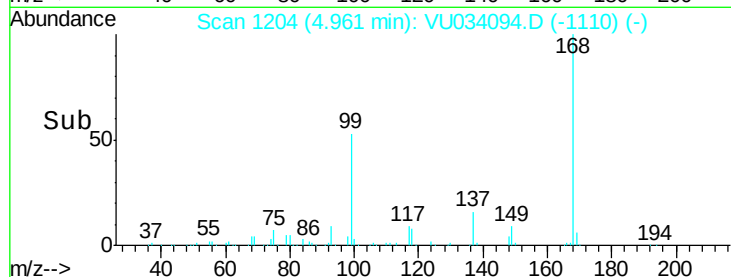
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.490 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034094.D

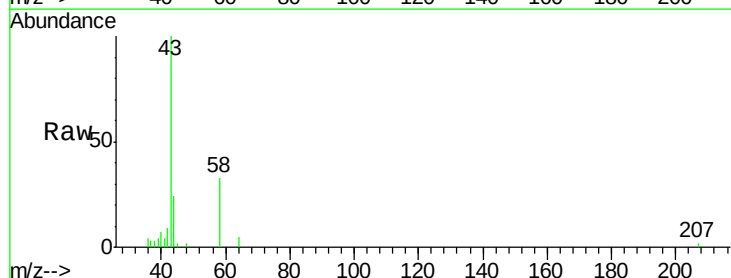
Acq: 30 Aug 2019 13:34

Tgt Ion: 43 Resp: 10727

Ion Ratio Lower Upper

43 100

58 33.3 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034094.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034094.D (-286) (-)

2.31

8000

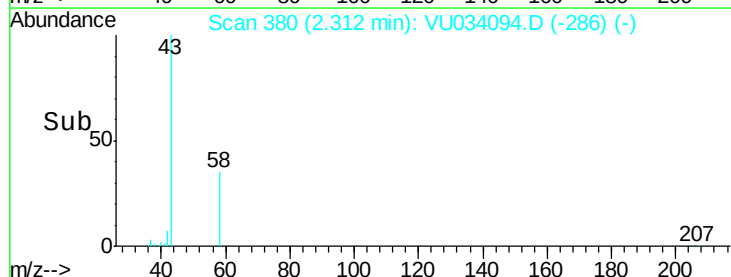
6000

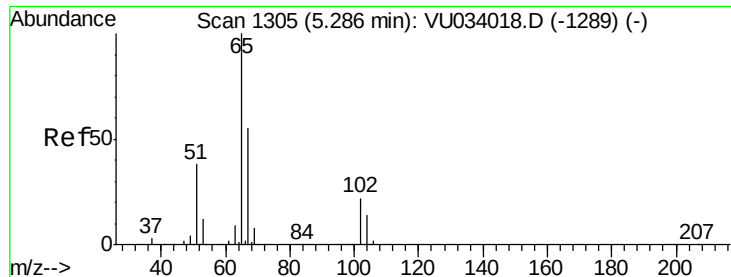
4000

2000

0

Time-->

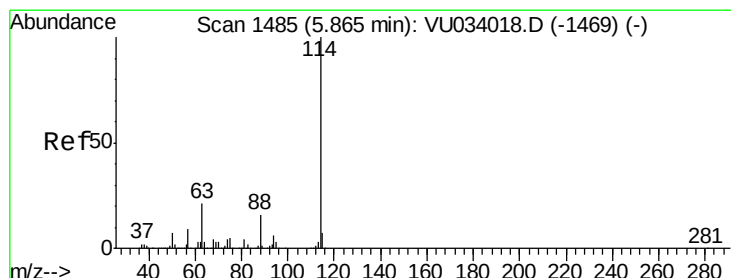
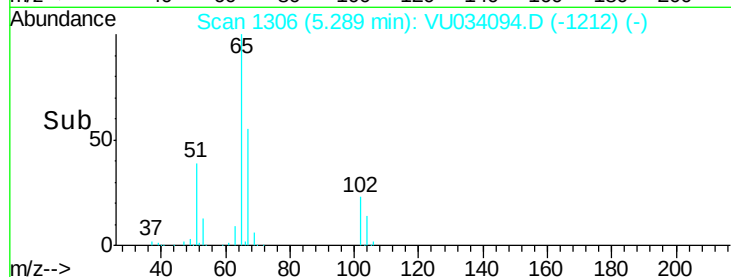
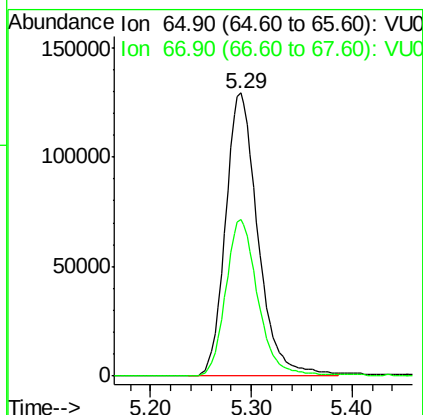
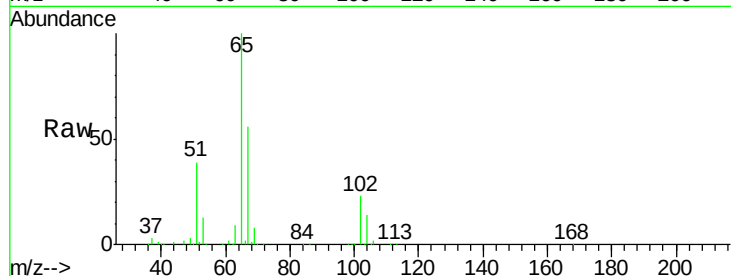




#33
 1,2-Dichloroethane-d4
 Concen: 48.188 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034094.D
 Acq: 30 Aug 2019 13:34

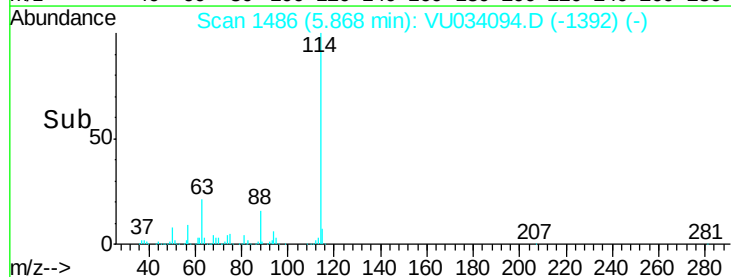
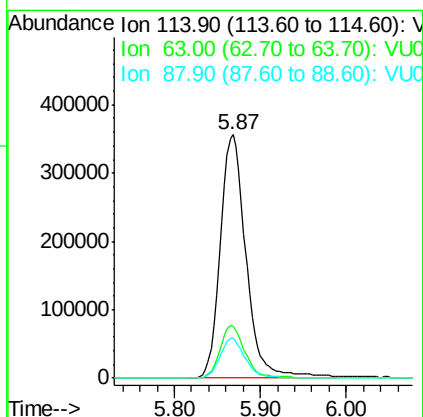
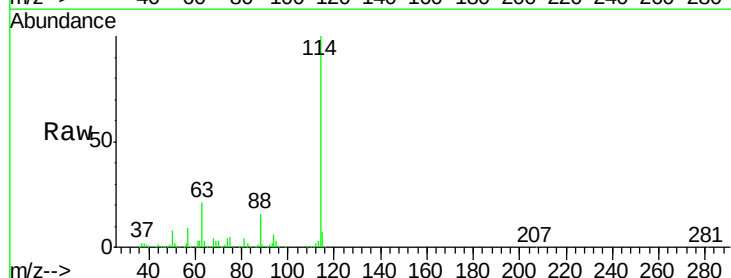
Instrument :
 MSVOA_U
 ClientSampled :
 TW-4

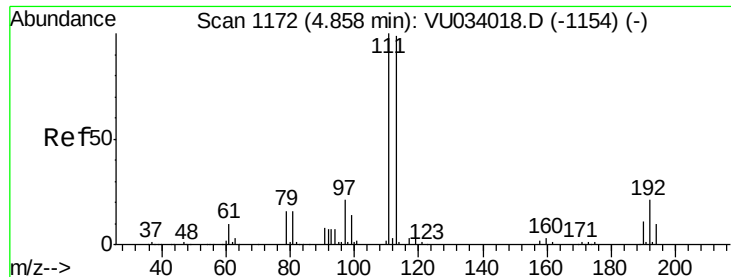
Tot Ion: 65 Resp: 290305
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034094.D
 Acq: 30 Aug 2019 13:34

Tgt Ion: 114 Resp: 744737
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.0
 88 16.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.845 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034094.D

Acq: 30 Aug 2019 13:34

Instrument :

MSVOA_U

ClientSampleId :

TW-4

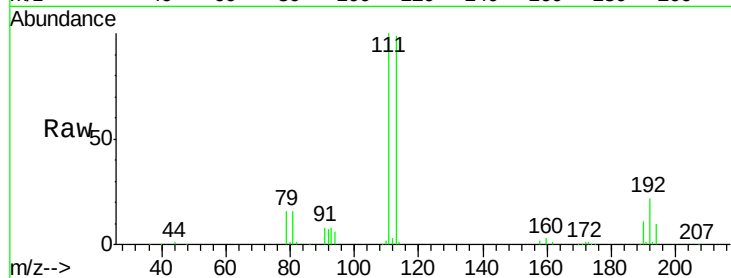
Tot Ion:113 Resp: 241976

Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

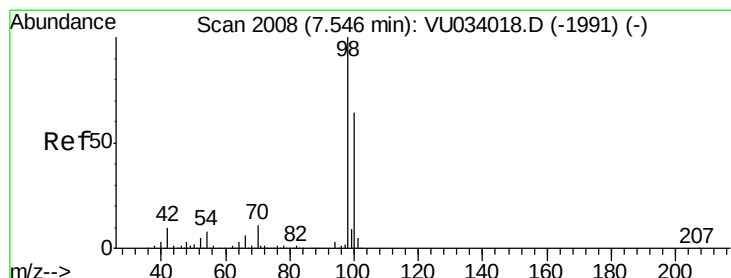
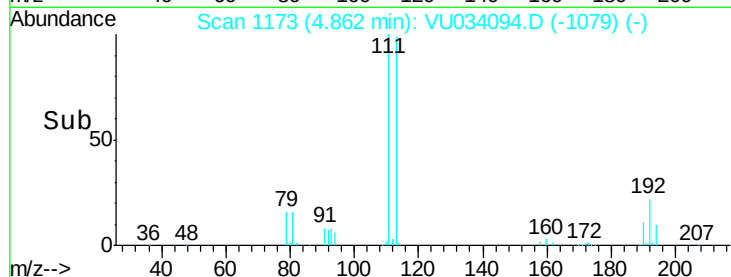
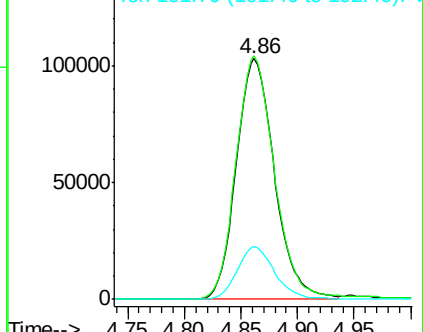
192 21.6 17.1 25.7



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: 48.830 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034094.D

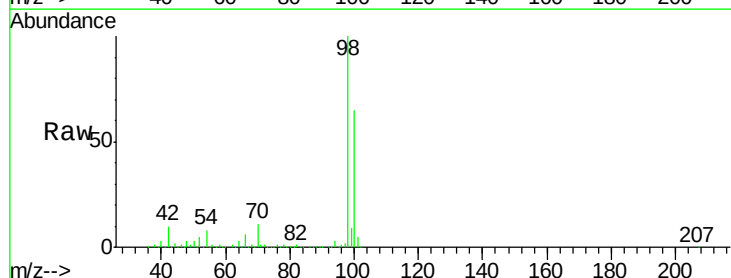
Acq: 30 Aug 2019 13:34

Tgt Ion: 98 Resp: 944439

Ion Ratio Lower Upper

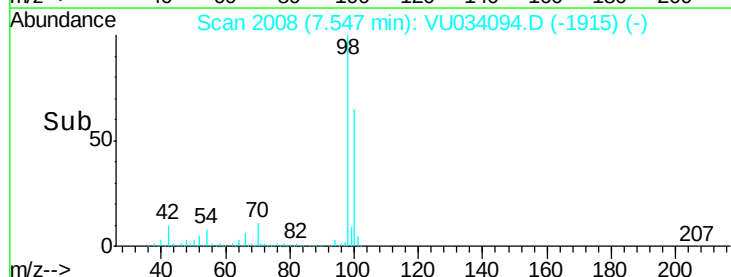
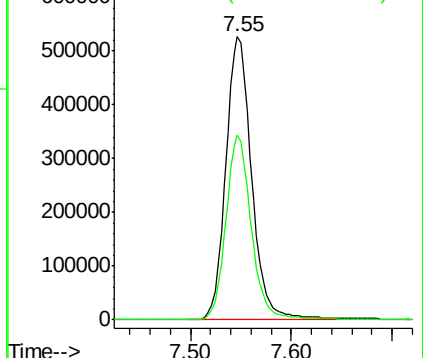
98 100

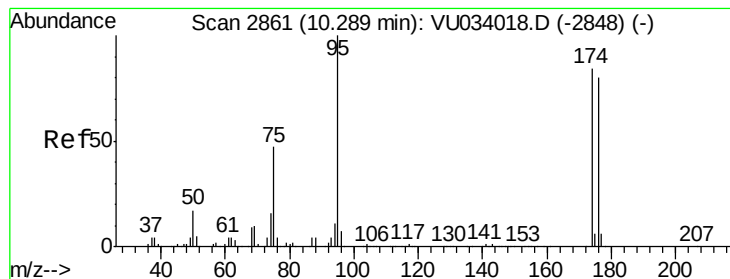
100 64.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 45.391 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034094.D

Acq: 30 Aug 2019 13:34

Instrument :

MSVOA_U

ClientSampleId :

TW-4

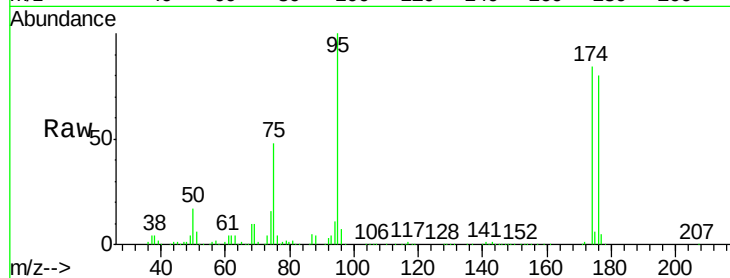
Tot Ion: 95 Resp: 341501

Ion Ratio Lower Upper

95 100

174 83.6 0.0 168.8

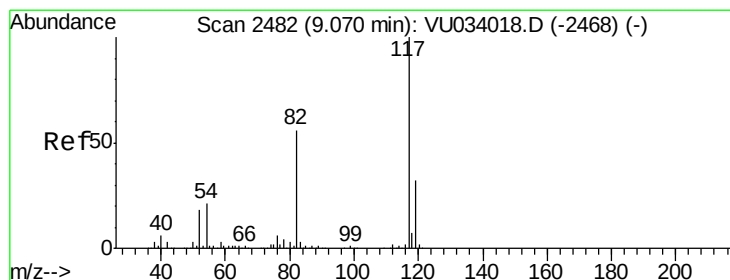
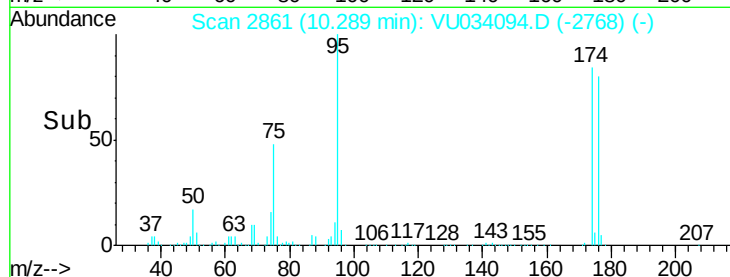
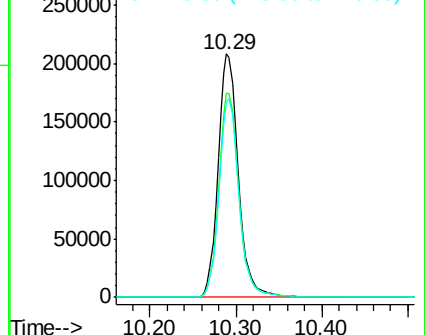
176 81.0 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034094.D

Acq: 30 Aug 2019 13:34

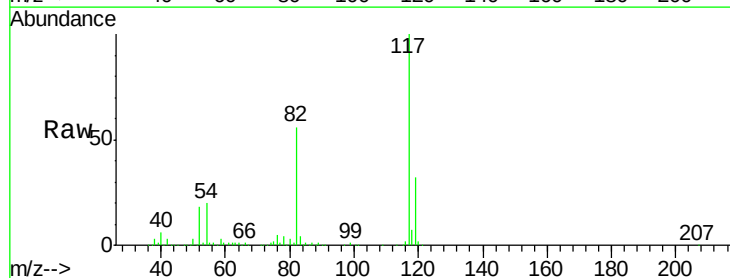
Tgt Ion: 117 Resp: 721610

Ion Ratio Lower Upper

117 100

82 56.0 45.1 67.7

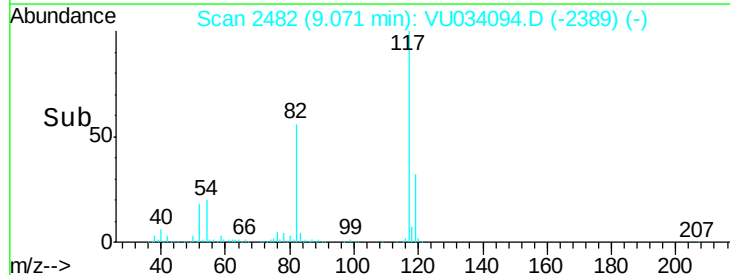
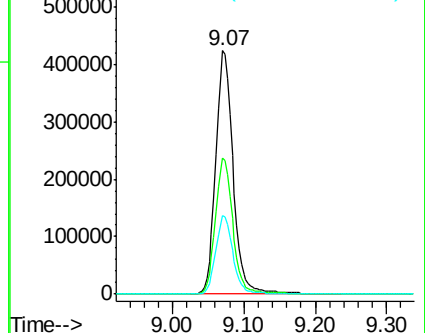
119 32.4 25.4 38.0

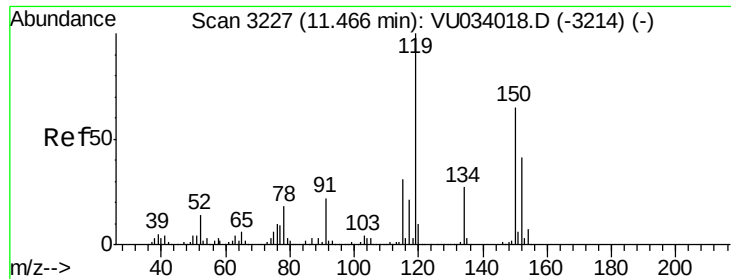


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU034094.D

Acq: 30 Aug 2019 13:34

Instrument :

MSVOA_U

ClientSampleId :

TW-4

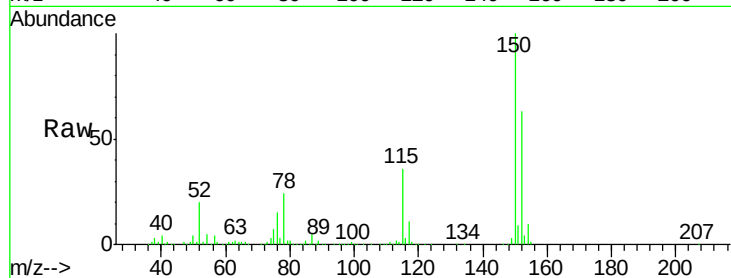
Tot Ion:152 Resp: 366815

Ion Ratio Lower Upper

152 100

115 57.1 41.1 123.3

150 157.7 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

