

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034088.D
 Acq On : 30 Aug 2019 11:15
 Operator : JC/SP
 Sample : PB122672TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122672TB

Quant Time: Aug 31 03:49:23 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

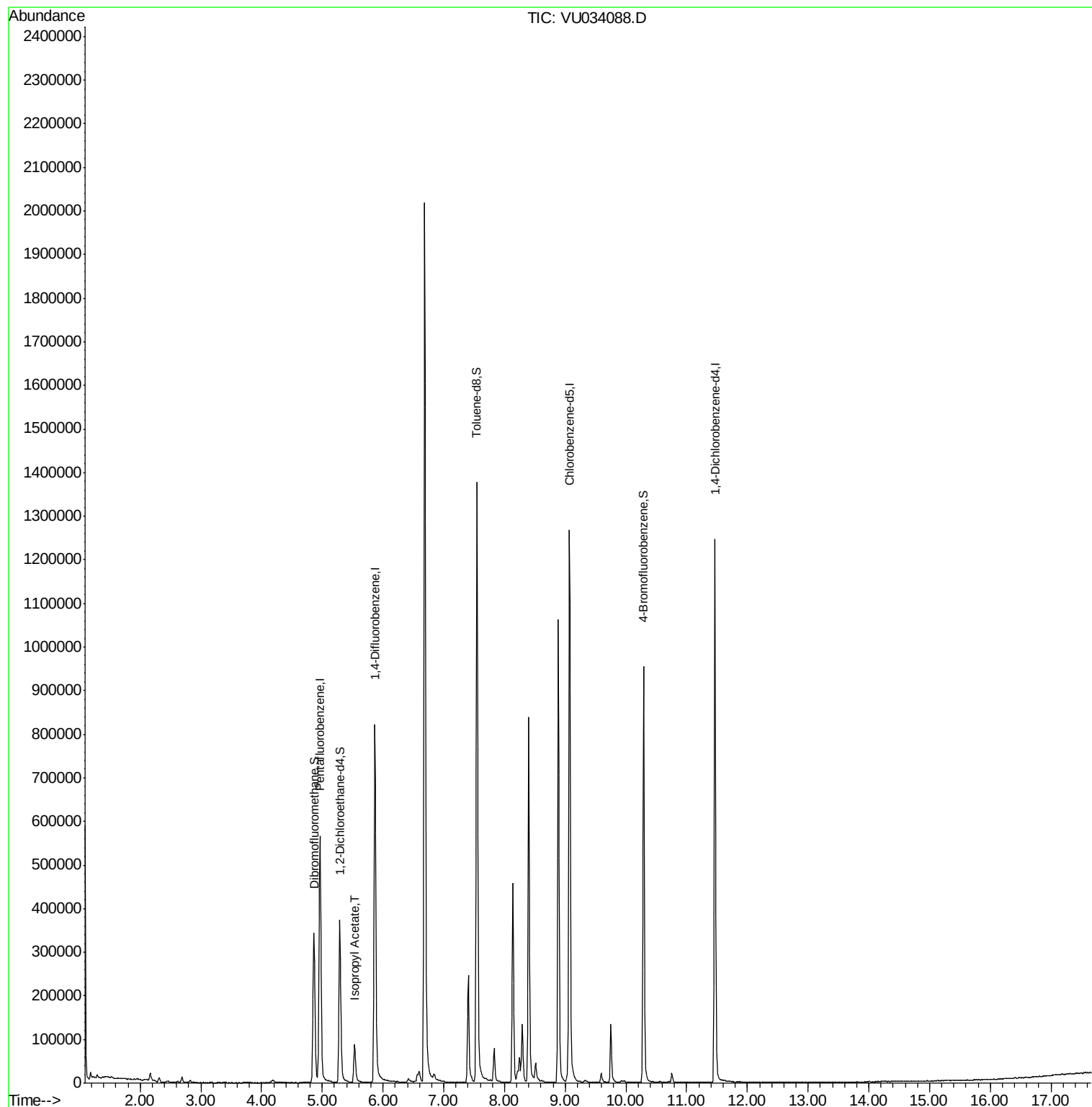
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	460635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	744515	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	734157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	341955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	296320	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	4.86	113	246463	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
50) Toluene-d8	7.55	98	964851	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	10.29	95	330120	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	
Target Compounds						
43) Isopropyl Acetate	5.53	43	106249	8.856	ug/l	Qvalue 97

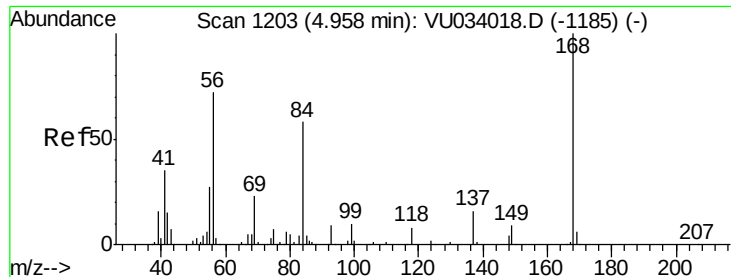
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034088.D

Acq: 30 Aug 2019 11:15

Instrument :

MSVOA_U

ClientSampleId :

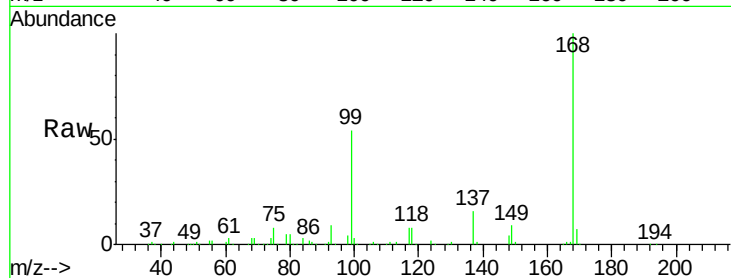
PB122672TB

Tot Ion:168 Resp: 460635

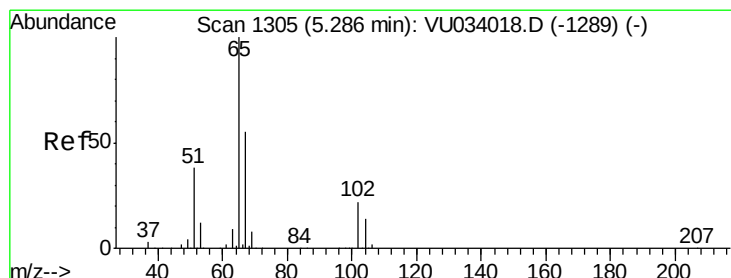
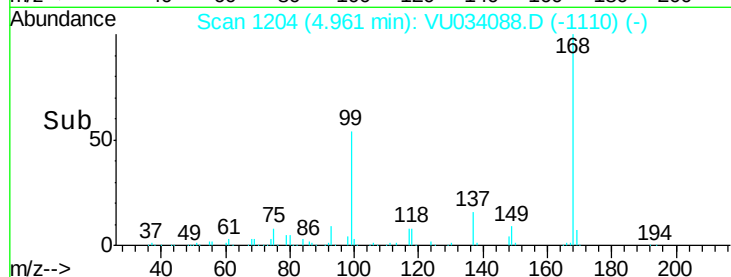
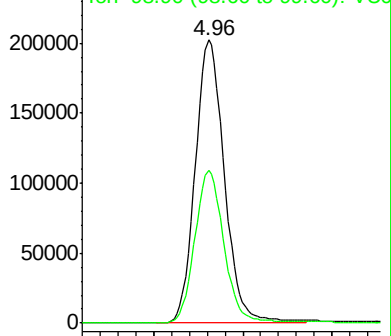
Ion Ratio Lower Upper

168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034088.D (-1185) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.204 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034088.D

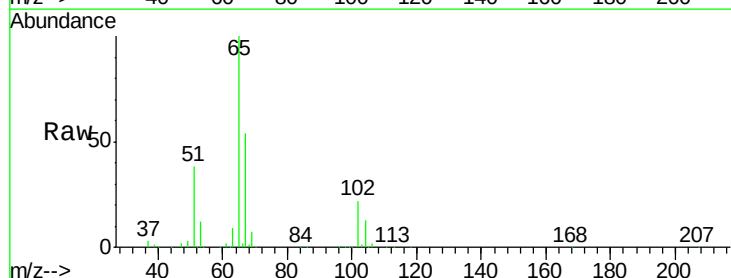
Acq: 30 Aug 2019 11:15

Tgt Ion: 65 Resp: 296320

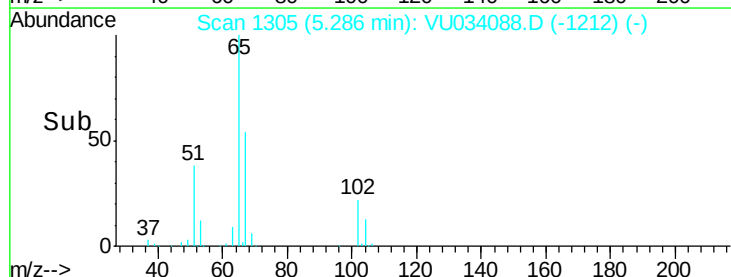
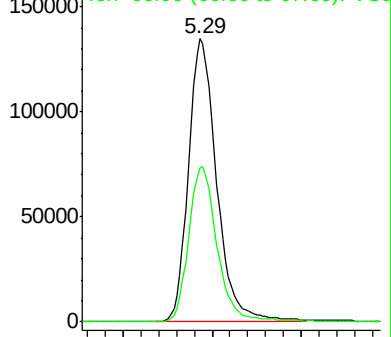
Ion Ratio Lower Upper

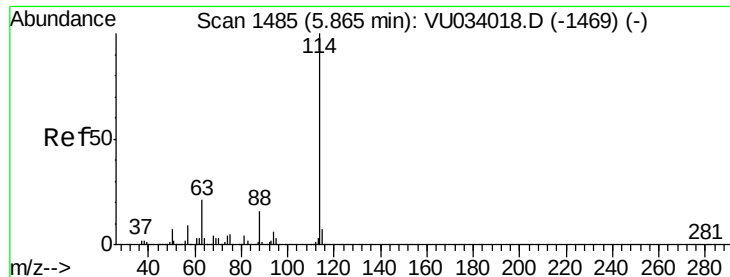
65 100

67 54.7 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034088.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: VU034088.D

Acq: 30 Aug 2019 11:15

Instrument :

MSVOA_U

ClientSampleId :

PB122672TB

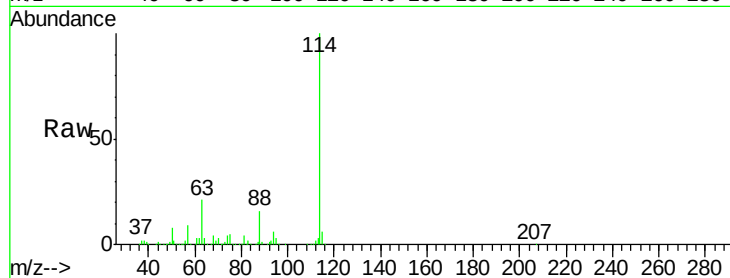
Tot Ion:114 Resp: 744515

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.0

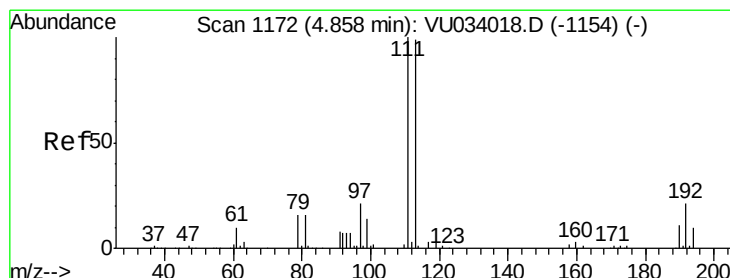
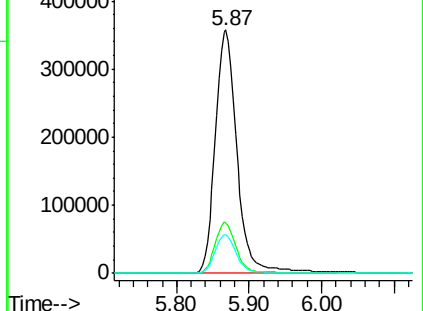
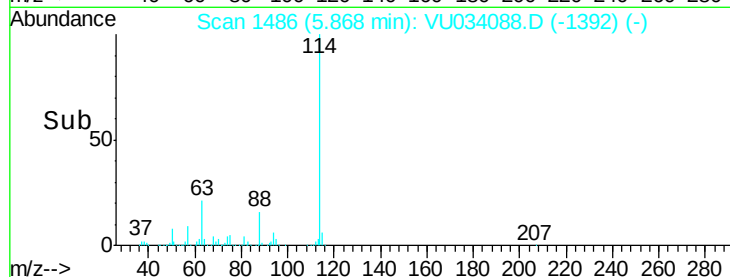
88 15.9 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.728 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034088.D

Acq: 30 Aug 2019 11:15

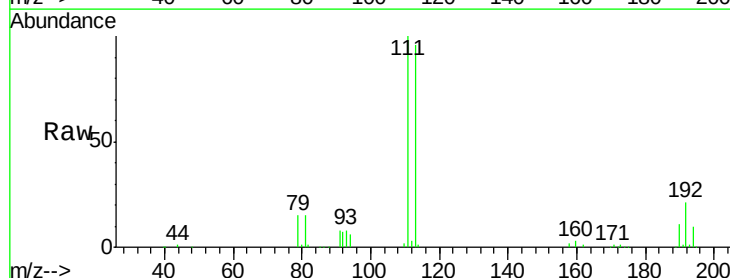
Tgt Ion:113 Resp: 246463

Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

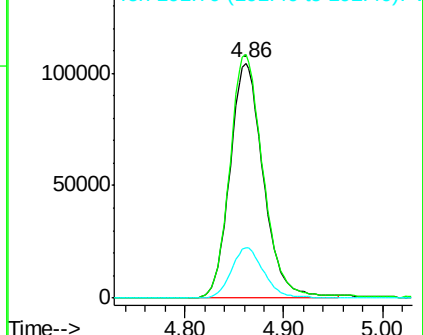
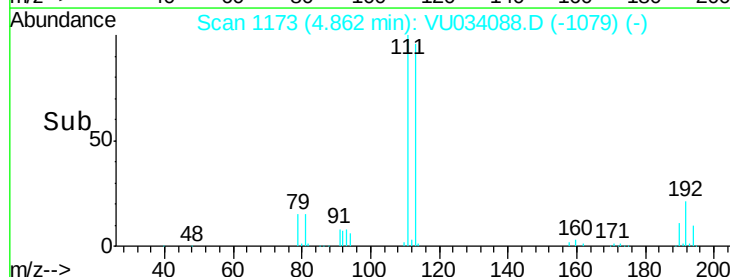
192 21.0 17.1 25.7

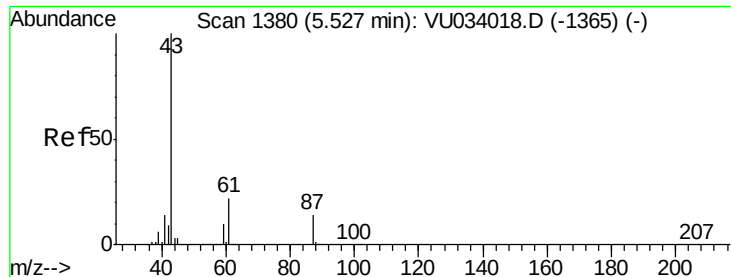


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.856 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034088.D

Acq: 30 Aug 2019 11:15

Instrument :

MSVOA_U

ClientSampleId :

PB122672TB

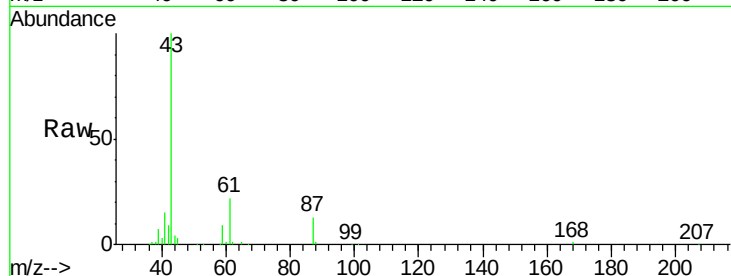
Tot Ion: 43 Resp: 106249

Ion Ratio Lower Upper

43 100

61 20.0 17.2 25.8

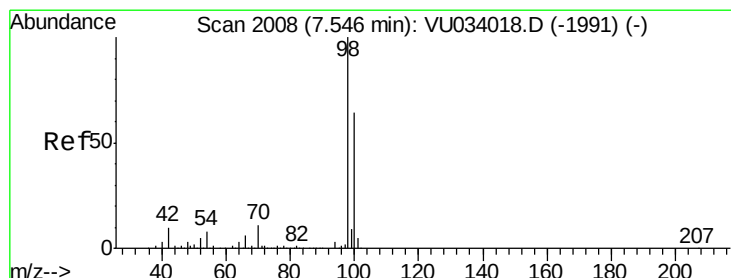
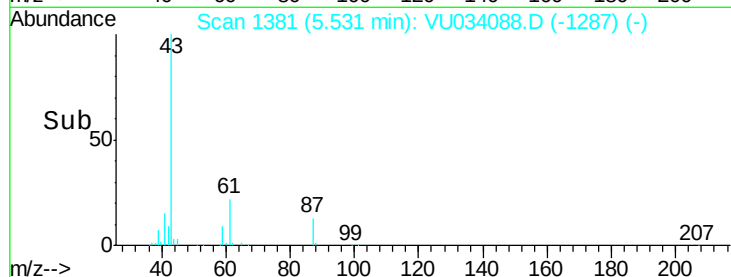
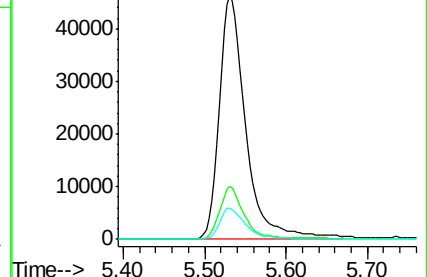
87 12.7 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034088.D (-1381) (-)

Ion 61.00 (60.70 to 61.70): VU034088.D (-1381) (-)

Ion 87.00 (86.70 to 87.70): VU034088.D (-1381) (-)



#50

Toluene-d8

Concen: 49.900 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034088.D

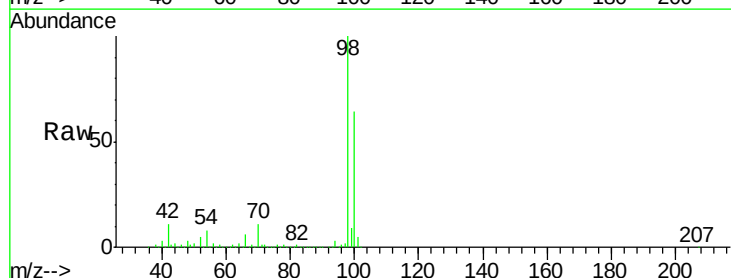
Acq: 30 Aug 2019 11:15

Tgt Ion: 98 Resp: 964851

Ion Ratio Lower Upper

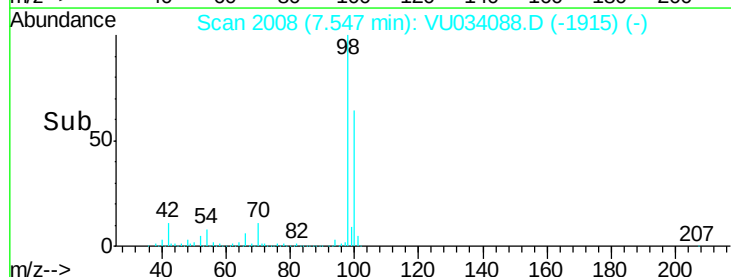
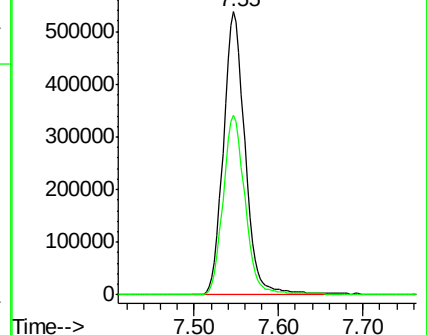
98 100

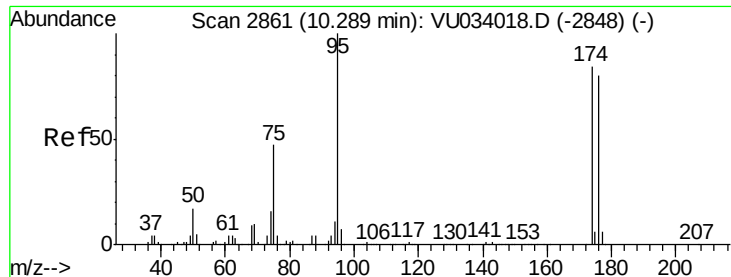
100 64.8 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034088.D (-2008) (-)

Ion 100.00 (99.70 to 100.70): VU034088.D (-2008) (-)

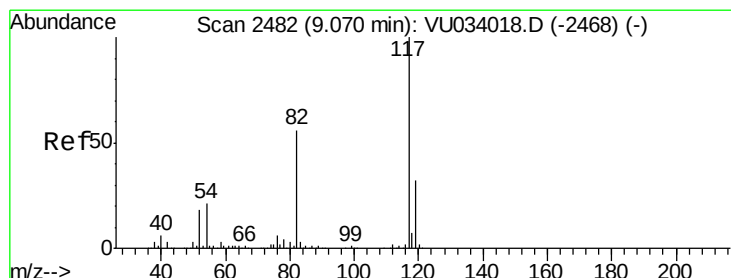
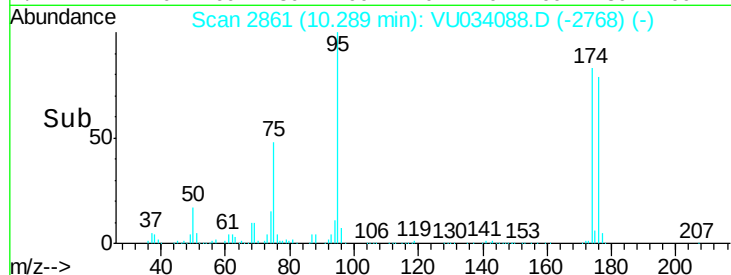
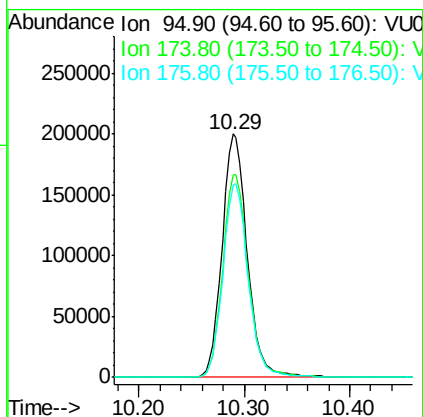
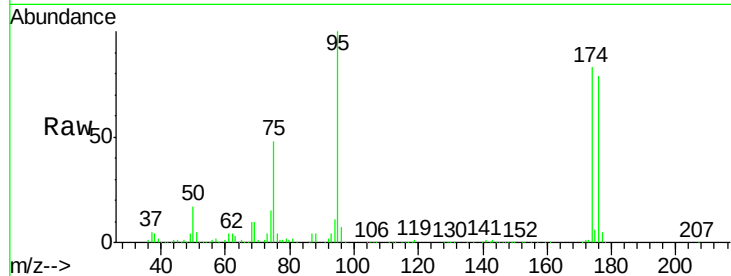




#62
4-Bromofluorobenzene
Concen: 43.891 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034088.D
Acq: 30 Aug 2019 11:15

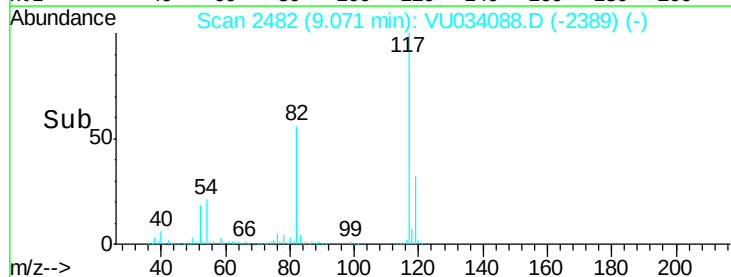
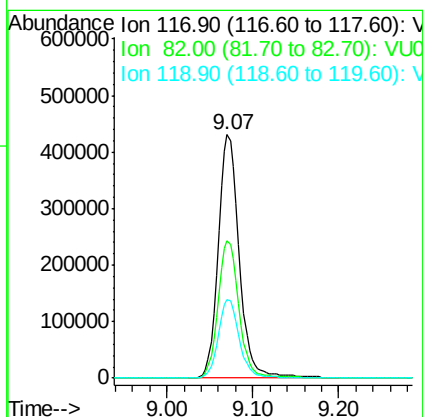
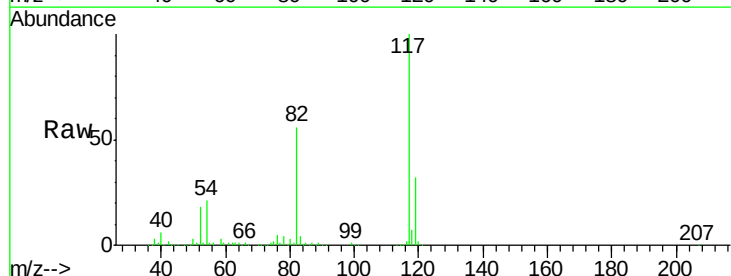
Instrument :
MSVOA_U
ClientSampleId :
PB122672TB

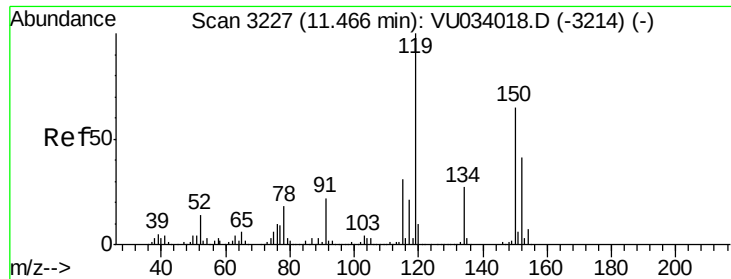
Tot Ion: 95 Resp: 330120
Ion Ratio Lower Upper
95 100
174 84.6 0.0 168.8
176 80.1 0.0 161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034088.D
Acq: 30 Aug 2019 11:15

Tgt Ion: 117 Resp: 734157
Ion Ratio Lower Upper
117 100
82 56.5 45.1 67.7
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034088.D

Acq: 30 Aug 2019 11:15

Instrument :

MSVOA_U

ClientSampleId :

PB122672TB

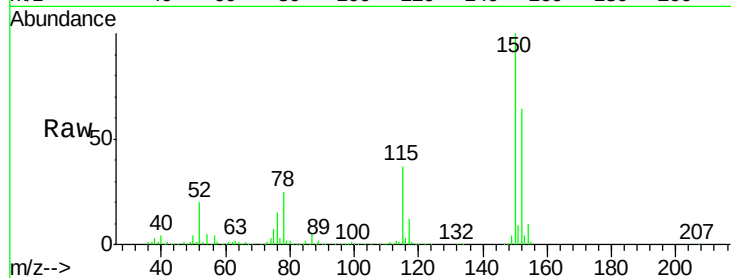
Tot Ion:152 Resp: 341955

Ion Ratio Lower Upper

152 100

115 57.4 41.1 123.3

150 157.3 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

