

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034137.D
 Acq On : 31 Aug 2019 21:54
 Operator : JC/SP
 Sample : PB122699TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122699TB

Quant Time: Sep 01 05:13:36 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

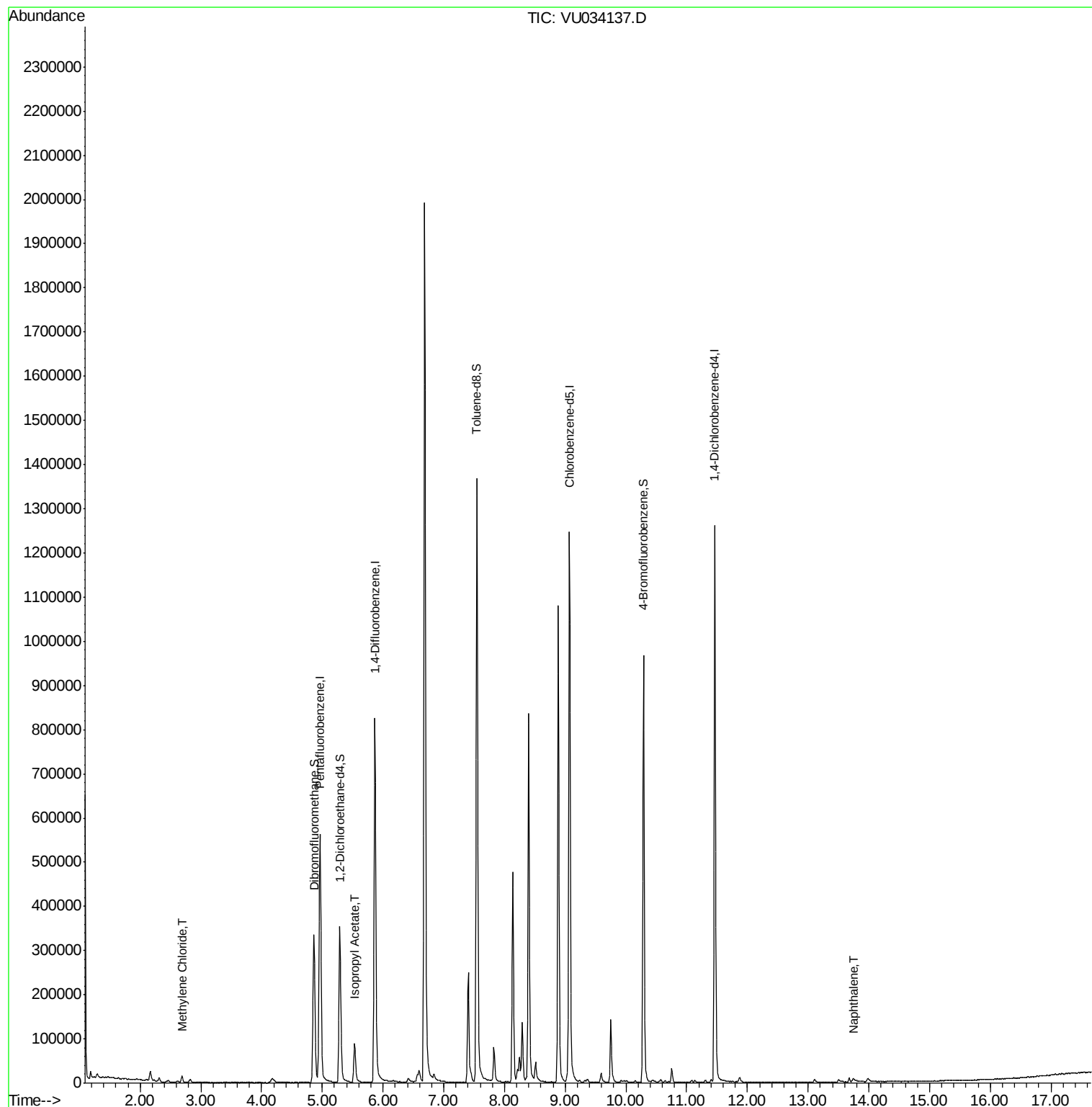
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	463511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	741151	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	720790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	351752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	286066	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
35) Dibromofluoromethane	4.86	113	240384	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
50) Toluene-d8	7.55	98	952252	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	10.29	95	334659	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
Target Compounds						
20) Methylene Chloride	2.69	84	6411	1.117	ug/l	97
43) Isopropyl Acetate	5.53	43	106738	8.937	ug/l	99
95) Naphthalene	13.74	128	11085	2.277	ug/l	97

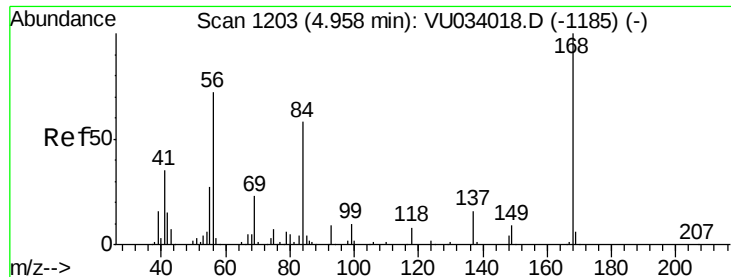
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 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: VU034137.D

Acq: 31 Aug 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

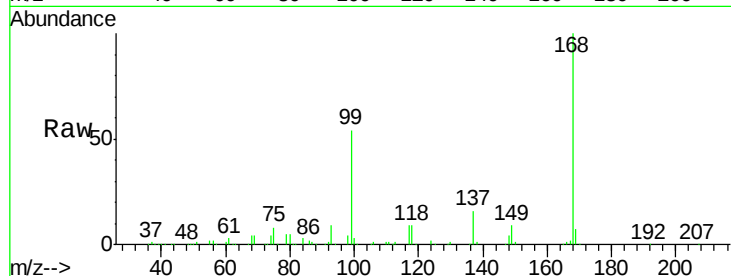
PB122699TB

Tot Ion:168 Resp: 463511

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034137.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034137.D (-1110) (-)

4.96

200000

150000

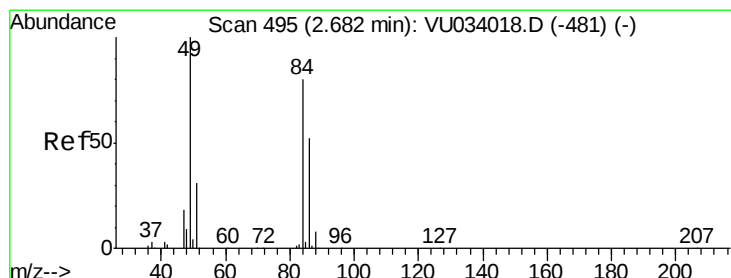
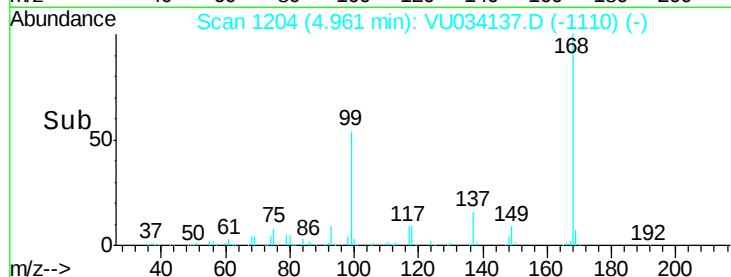
100000

50000

0

4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 1.117 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.01 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

Tgt Ion: 84 Resp: 6411

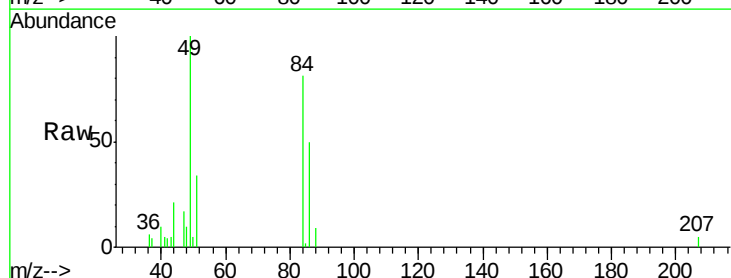
Ion Ratio Lower Upper

84 100

49 123.0 100.2 150.4

51 41.6 30.8 46.2

86 61.4 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034137.D (-402) (-)

Ion 48.90 (48.60 to 49.60): VU034137.D (-402) (-)

Ion 50.90 (50.60 to 51.60): VU034137.D (-402) (-)

Ion 85.90 (85.60 to 86.60): VU034137.D (-402) (-)

2.69

6000

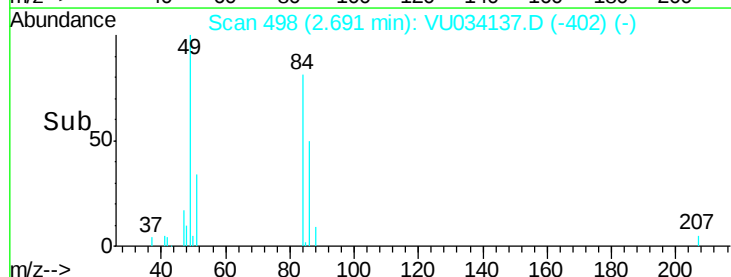
4000

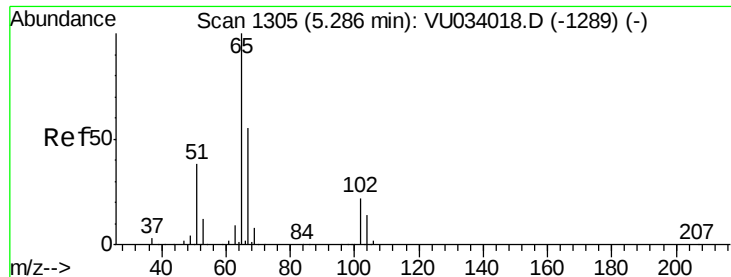
2000

0

2.65 2.70 2.75

Time-->

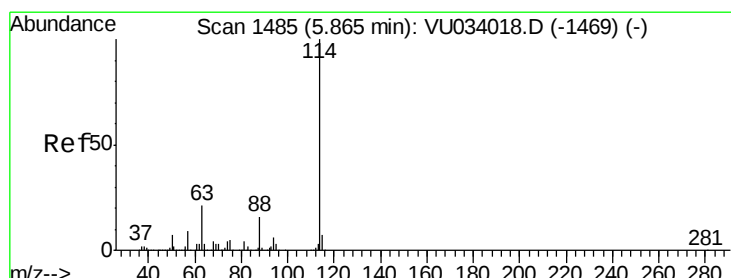
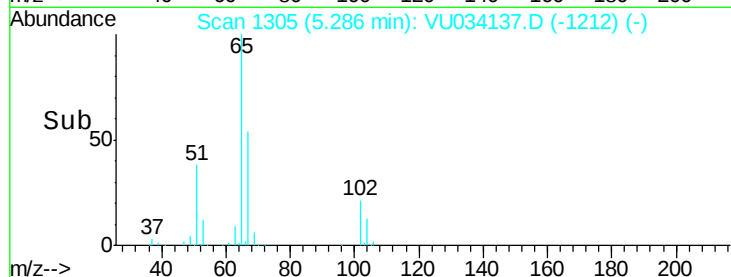
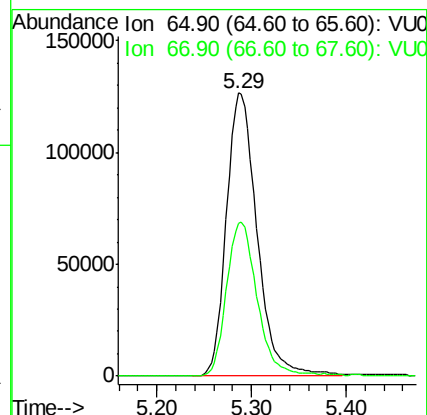
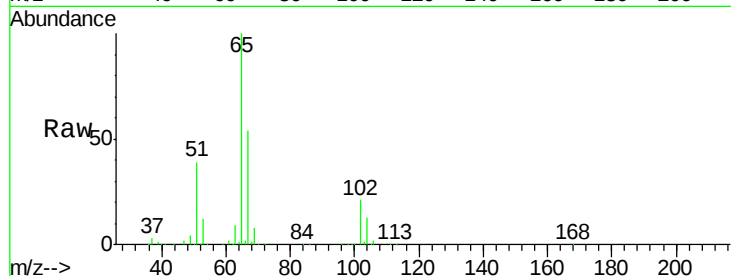




#33
 1,2-Dichloroethane-d4
 Concen: 48.166 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034137.D
 Acq: 31 Aug 2019 21:54

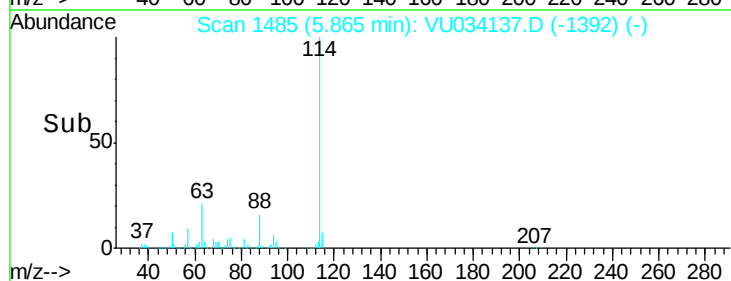
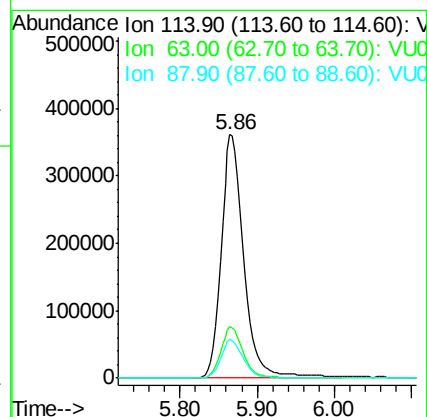
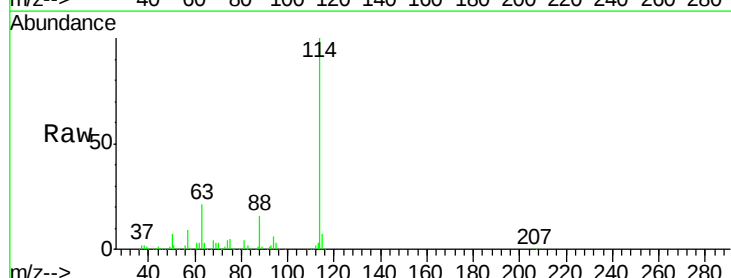
Instrument :
 MSVOA_U
 ClientSampleId :
 PB122699TB

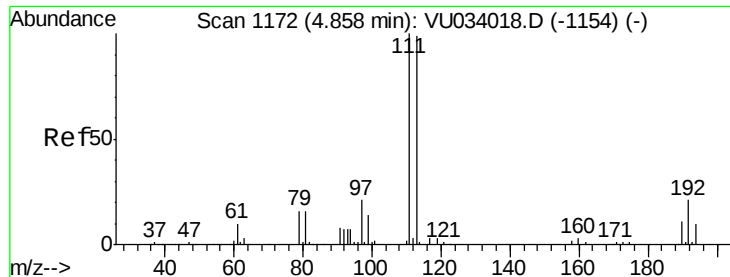
Tot Ion: 65 Resp: 286066
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034137.D
 Acq: 31 Aug 2019 21:54

Tgt Ion: 114 Resp: 741151
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.0
 88 15.7 0.0 32.0

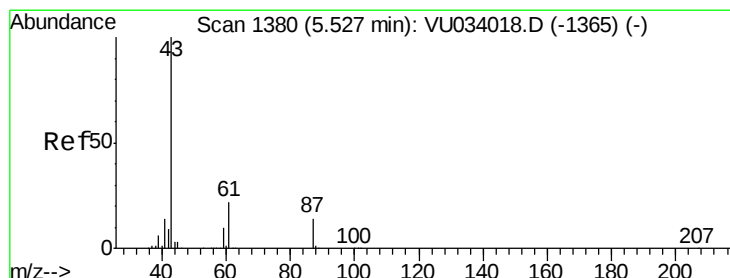
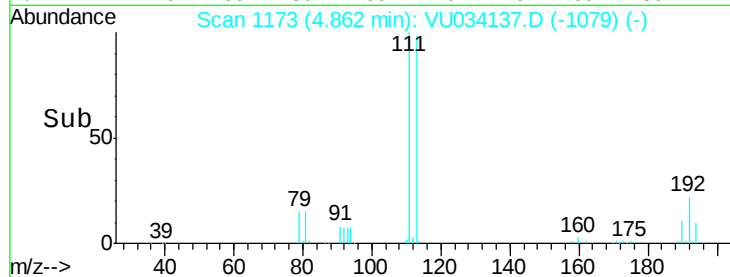
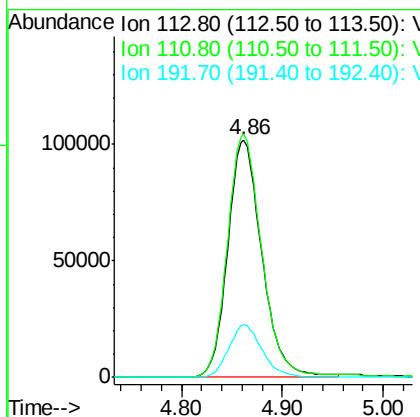
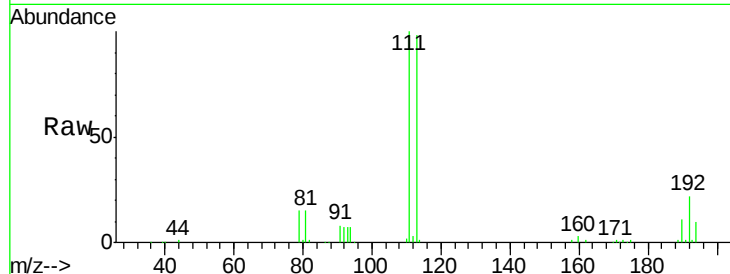




#35
 Dibromofluoromethane
 Concen: 46.762 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034137.D
 Acq: 31 Aug 2019 21:54

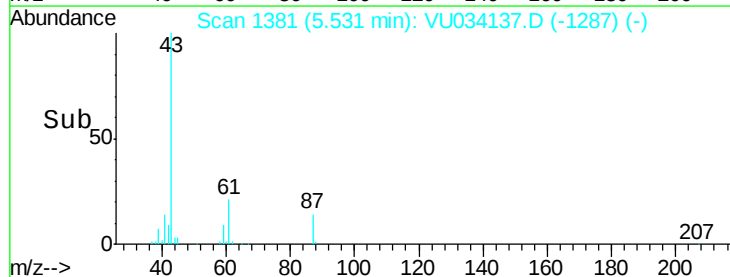
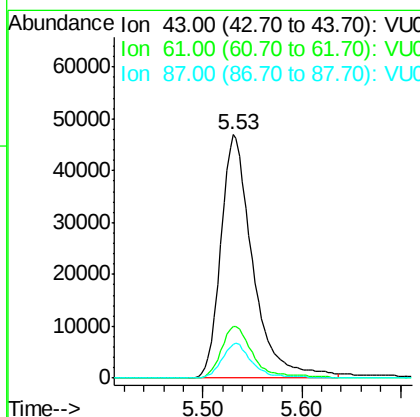
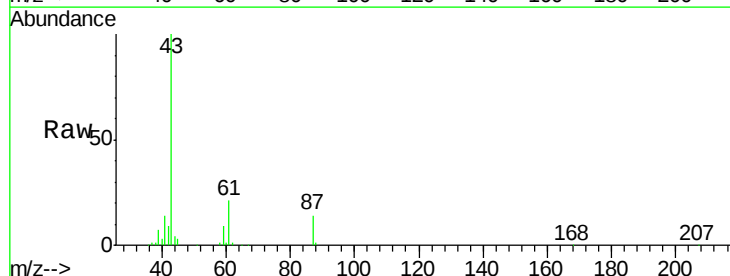
Instrument :
 MSVOA_U
 ClientSampleId :
 PB122699TB

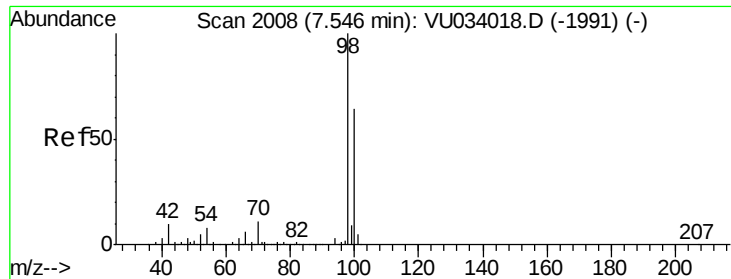
Tot Ion:113 Resp: 240384
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.7 122.5
 192 21.7 17.1 25.7



#43
 Isopropyl Acetate
 Concen: 8.937 ug/l
 RT: 5.53 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VU034137.D
 Acq: 31 Aug 2019 21:54

Tgt Ion: 43 Resp: 106738
 Ion Ratio Lower Upper
 43 100
 61 21.2 17.2 25.8
 87 13.2 10.8 16.2





#50

Toluene-d8

Concen: 49.472 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

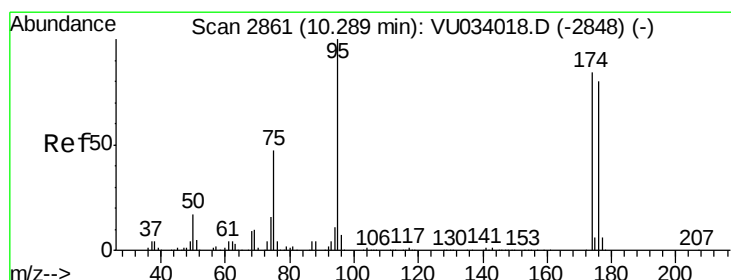
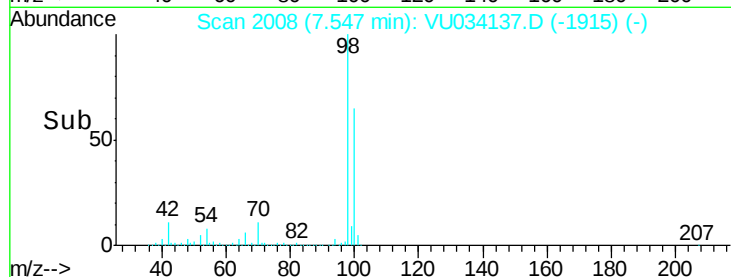
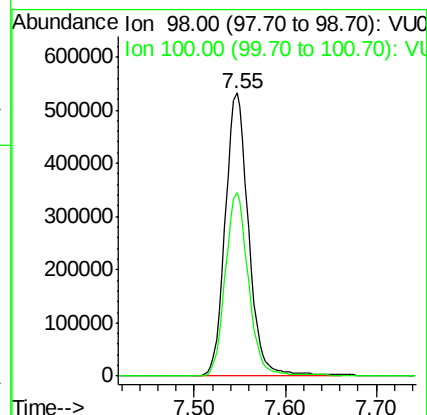
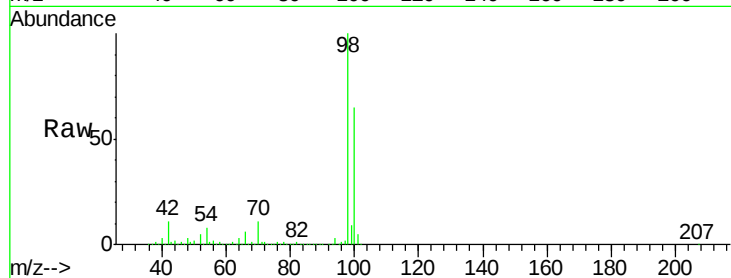
PB122699TB

Tot Ion: 98 Resp: 952252

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 44.697 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

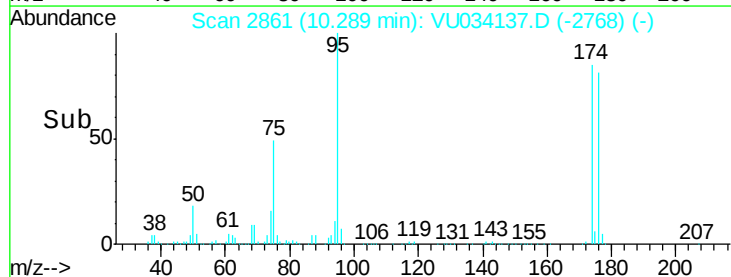
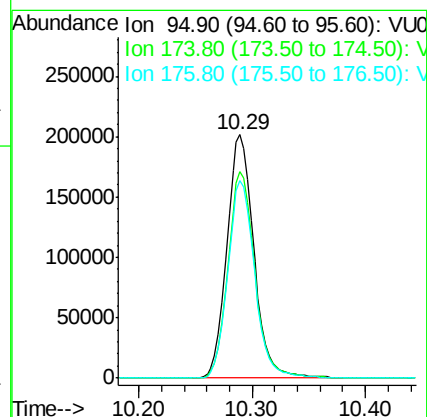
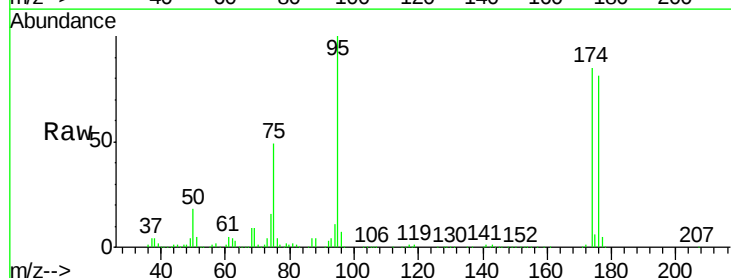
Tgt Ion: 95 Resp: 334659

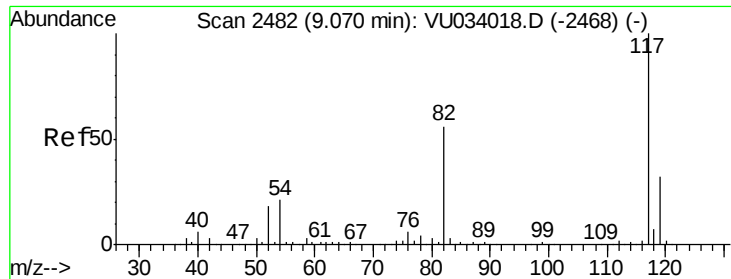
Ion Ratio Lower Upper

95 100

174 84.4 0.0 168.8

176 81.1 0.0 161.8

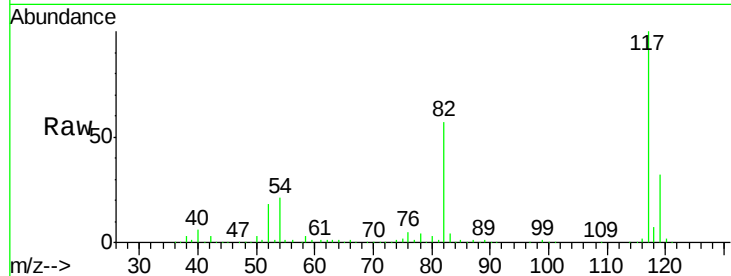




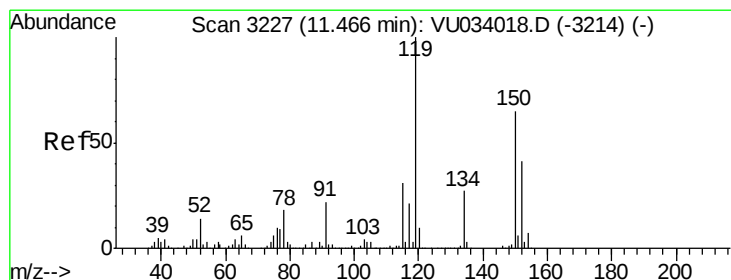
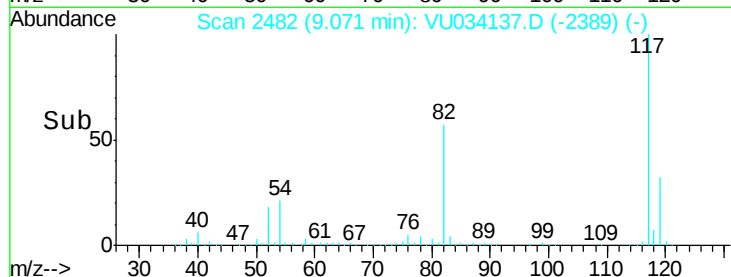
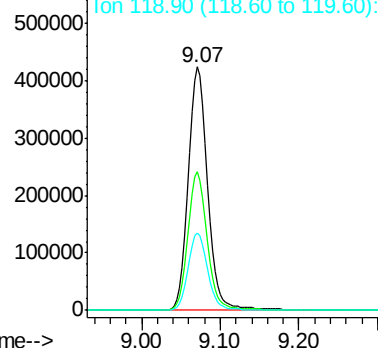
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

Instrument :
MSVOA_U
ClientSampleId :
PB122699TB

Tot Ion:117 Resp: 720790
Ion Ratio Lower Upper
117 100
82 56.8 45.1 67.7
119 31.9 25.4 38.0

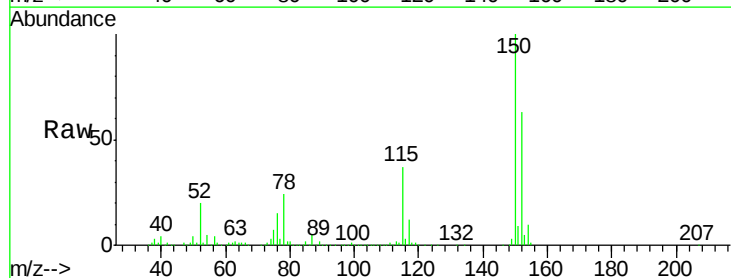


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

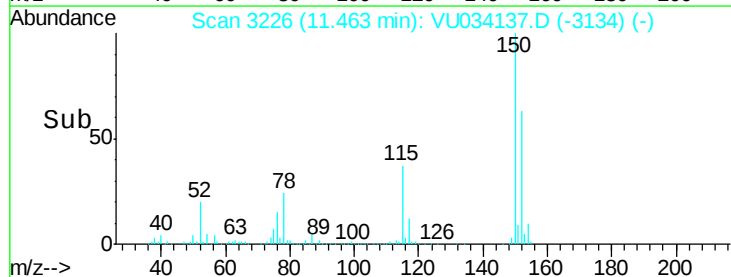
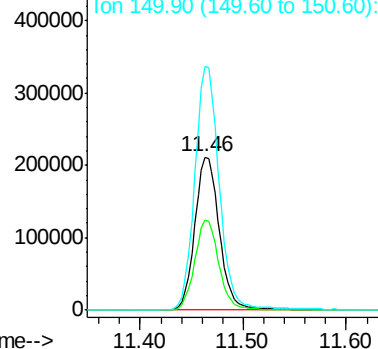


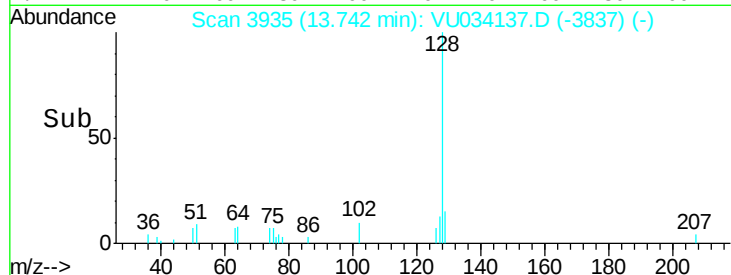
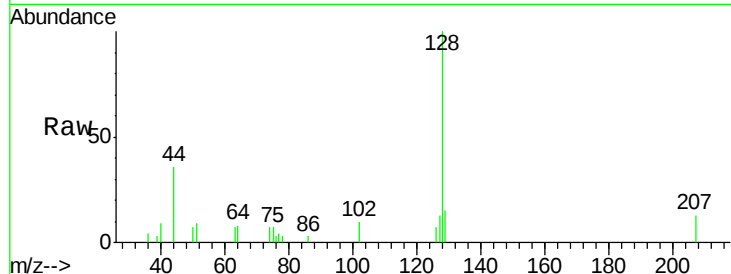
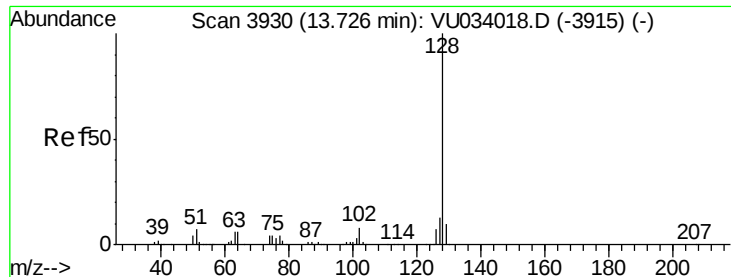
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034137.D
Acq: 31 Aug 2019 21:54

Tgt Ion:152 Resp: 351752
Ion Ratio Lower Upper
152 100
115 57.7 41.1 123.3
150 158.4 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





#95

Naphthalene

Concen: 2.277 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.02 min

Lab File: VU034137.D

Acq: 31 Aug 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

PB122699TB

Tot Ion:128 Resp: 11085

Ion Ratio Lower Upper

128 100

127 11.3 10.2 15.4

129 10.9 8.4 12.6

