

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034322.D
 Acq On : 06 Sep 2019 11:56
 Operator : JC/SP
 Sample : PB122836TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122836TB

Quant Time: Sep 06 13:28:47 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

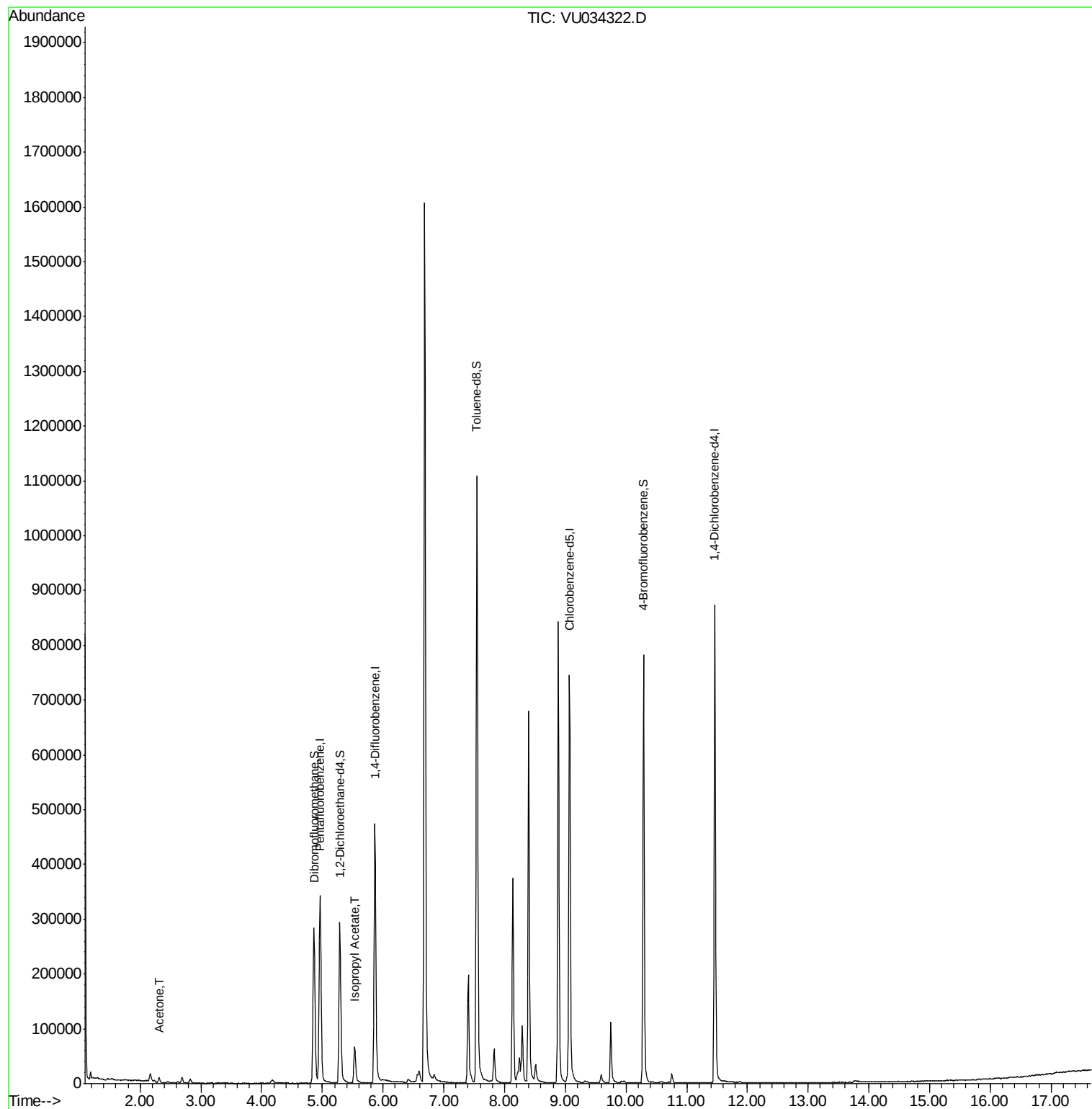
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	291908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	433359	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	446738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	252392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	233524	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
35) Dibromofluoromethane	4.86	113	203194	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
50) Toluene-d8	7.55	98	776445	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	10.29	95	267616	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
Target Compounds						
16) Acetone	2.31	43	10645	4.657	ug/l	94
43) Isopropyl Acetate	5.53	43	80562	9.294	ug/l	99

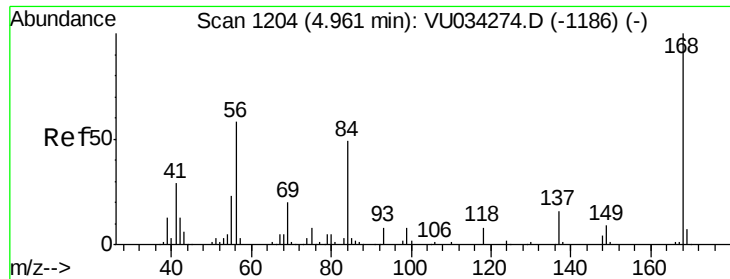
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034322.D

Acq: 06 Sep 2019 11:56

Instrument :

MSVOA_U

ClientSampleId :

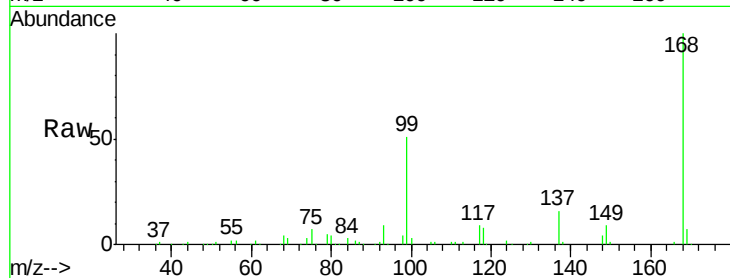
PB122836TB

Tot Ion:168 Resp: 291908

Ion Ratio Lower Upper

168 100

99 51.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034322.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034322.D (-1111) (-)

4.96

150000

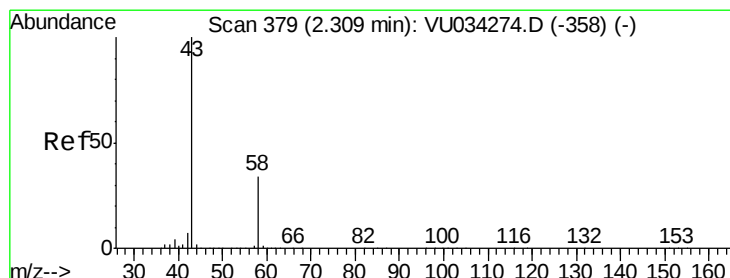
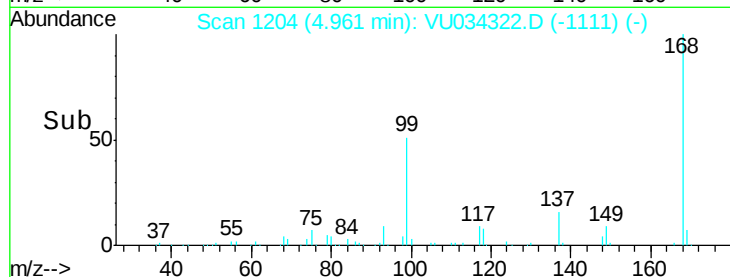
100000

50000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 4.657 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034322.D

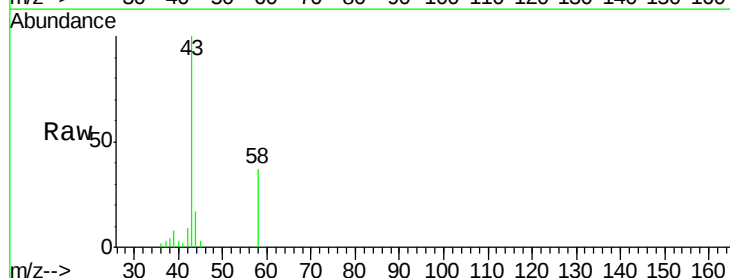
Acq: 06 Sep 2019 11:56

Tgt Ion: 43 Resp: 10645

Ion Ratio Lower Upper

43 100

58 38.0 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034322.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034322.D (-286) (-)

2.31

6000

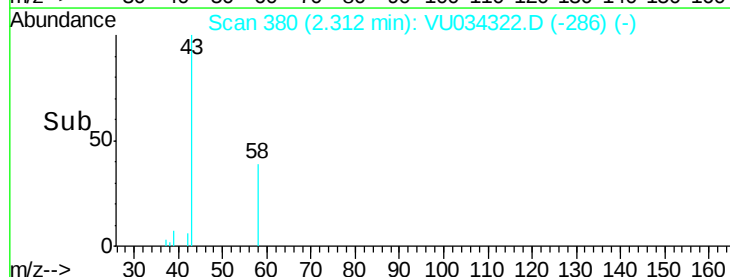
4000

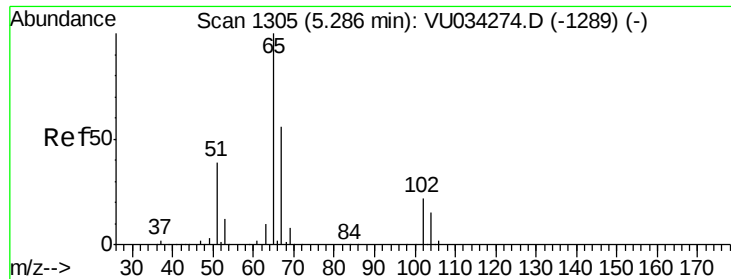
2000

0

Time-->

2.25 2.30 2.35 2.40

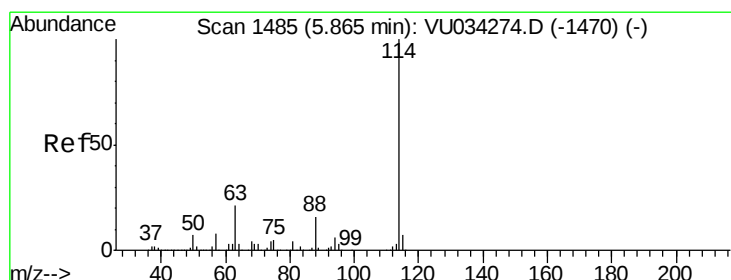
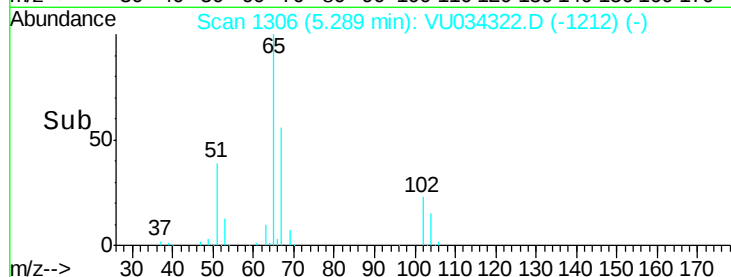
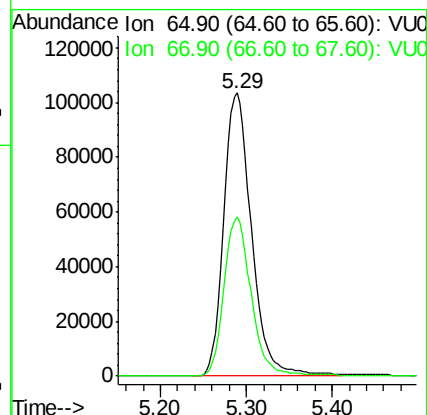
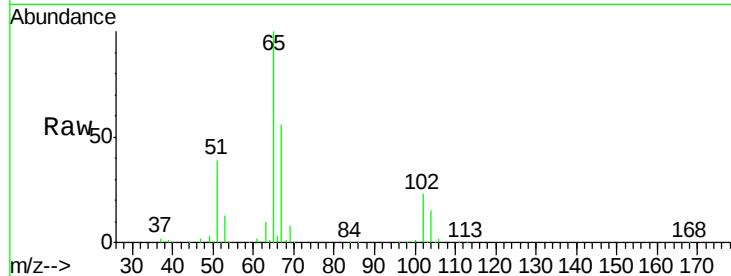




#33
 1,2-Dichloroethane-d4
 Concen: 52.873 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034322.D
 Acq: 06 Sep 2019 11:56

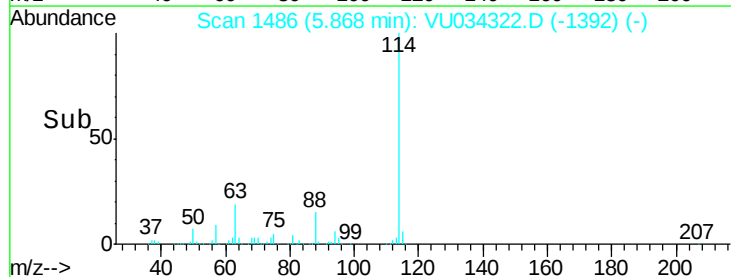
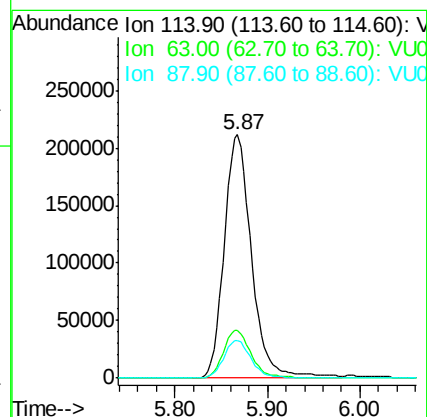
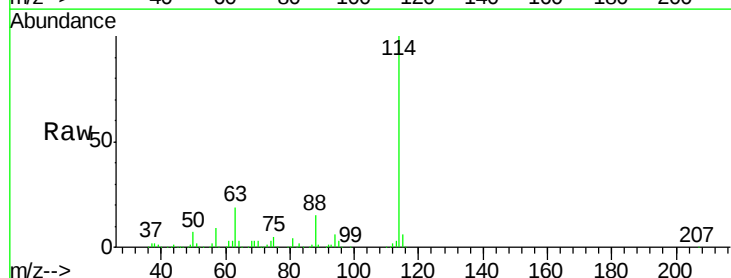
Instrument :
 MSVOA_U
 ClientSampleId :
 PB122836TB

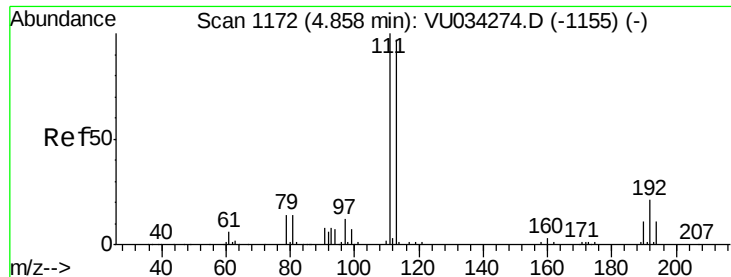
Tot Ion: 65 Resp: 233524
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034322.D
 Acq: 06 Sep 2019 11:56

Tgt Ion: 114 Resp: 433359
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.5 0.0 32.4

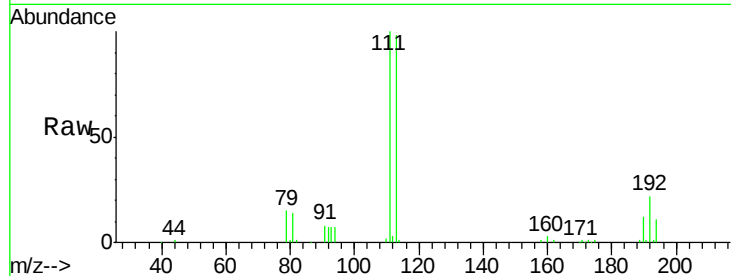




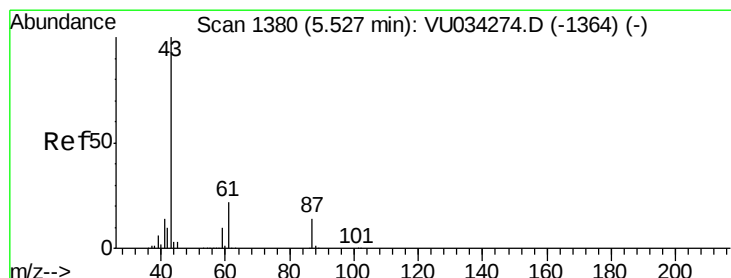
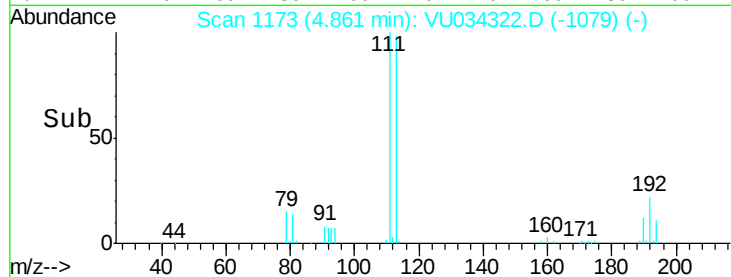
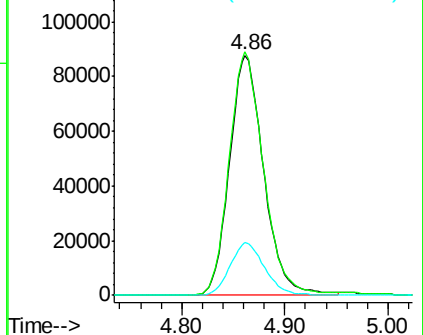
#35
 Dibromofluoromethane
 Concen: 50.390 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034322.D
 Acq: 06 Sep 2019 11:56

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122836TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.5	122.3
192	22.2	17.8	26.8

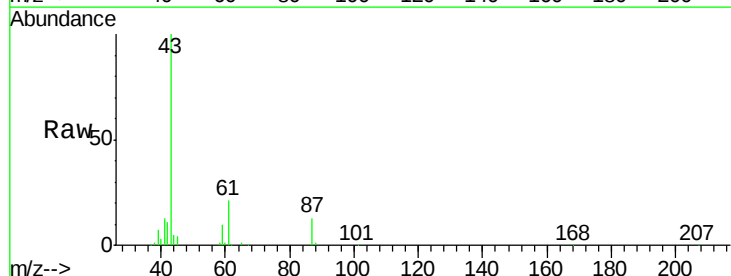


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

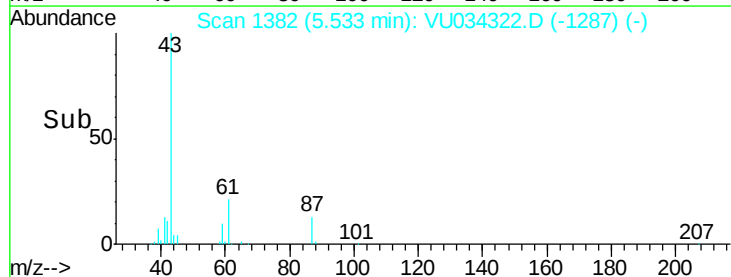
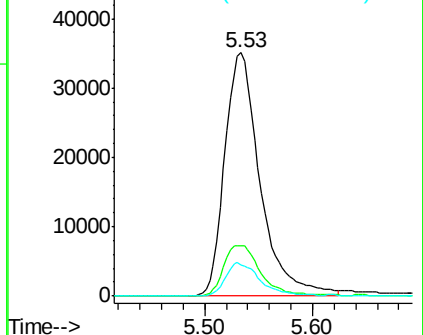


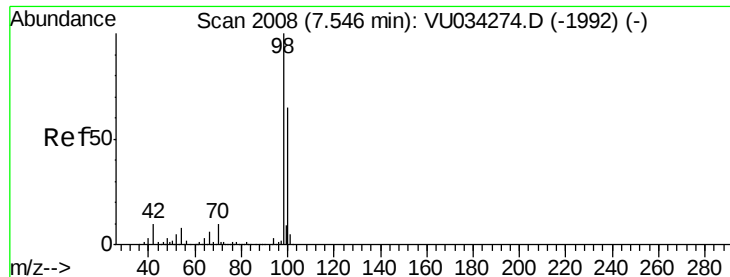
#43
 Isopropyl Acetate
 Concen: 9.294 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034322.D
 Acq: 06 Sep 2019 11:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.1	25.7
87	13.5	11.1	16.7



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 51.251 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034322.D

Acq: 06 Sep 2019 11:56

Instrument :

MSVOA_U

ClientSampleId :

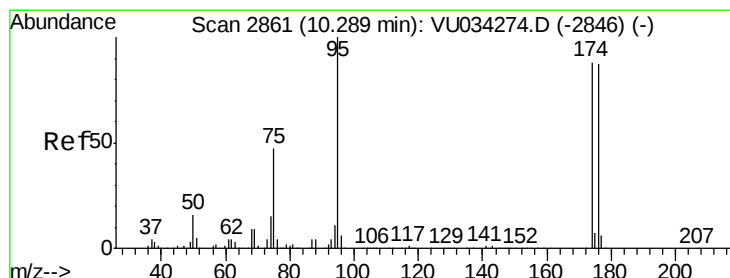
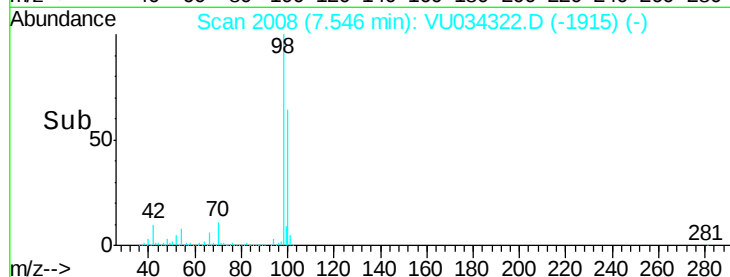
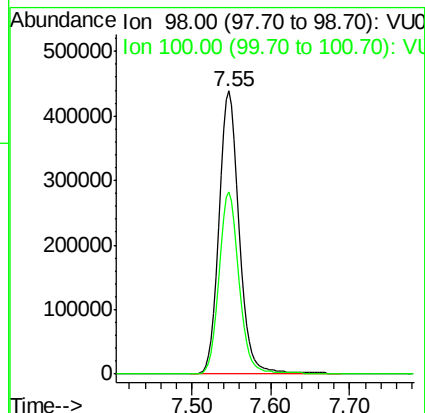
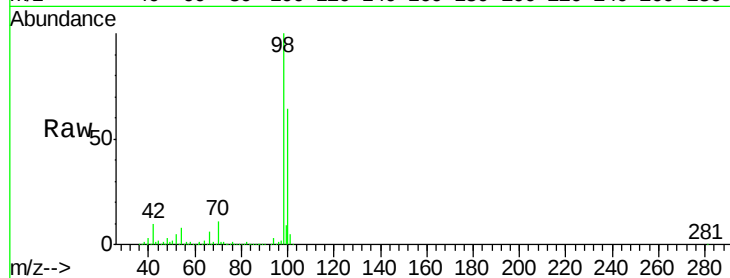
PB122836TB

Tot Ion: 98 Resp: 776445

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.752 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034322.D

Acq: 06 Sep 2019 11:56

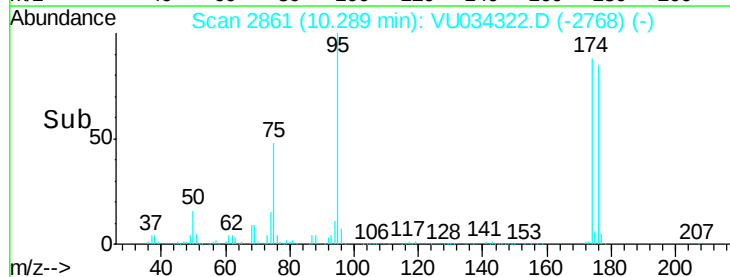
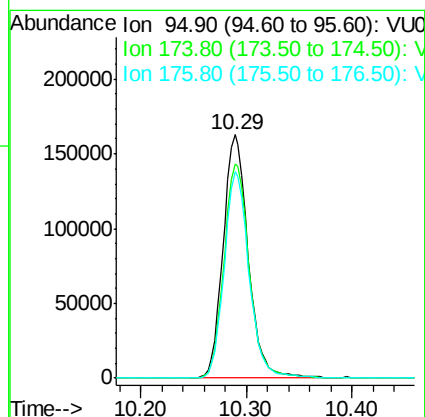
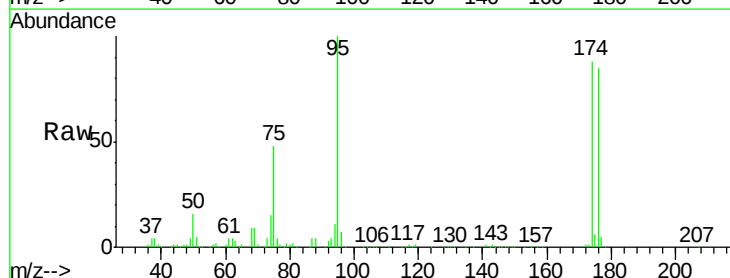
Tgt Ion: 95 Resp: 267616

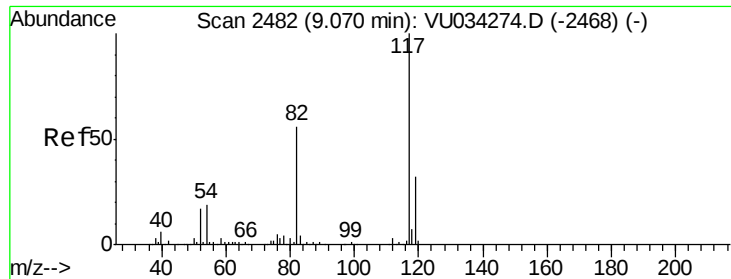
Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.2

176 84.3 0.0 168.0

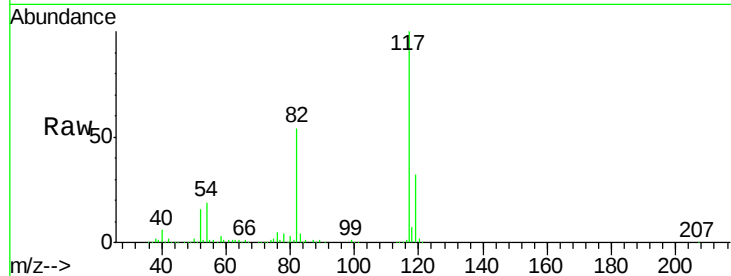




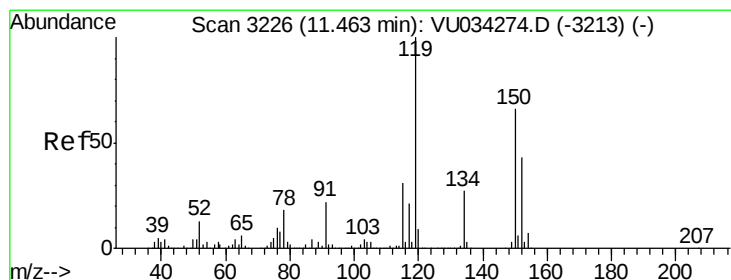
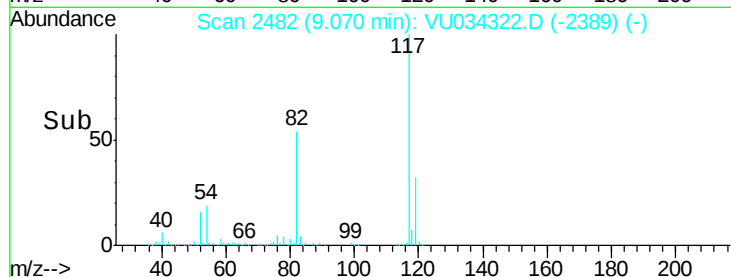
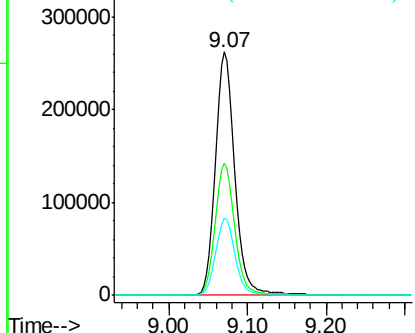
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034322.D
Acq: 06 Sep 2019 11:56

Instrument :
MSVOA_U
ClientSampleId :
PB122836TB

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.6	67.0
119	31.6	25.9	38.9

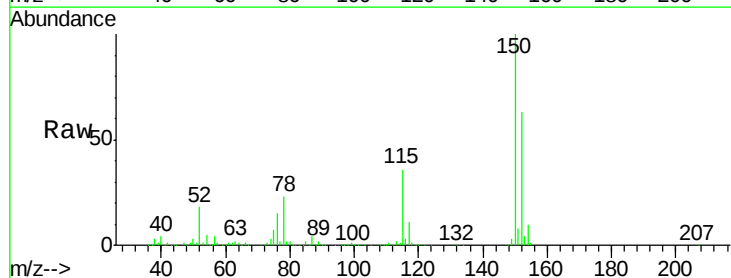


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034322.D
Acq: 06 Sep 2019 11:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	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

