

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082919\
 Data File : VU034037.D
 Acq On : 28 Aug 2019 20:48
 Operator : JC/SP
 Sample : K4525-26
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-A1-(1.9)

Quant Time: Aug 29 05:17:57 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

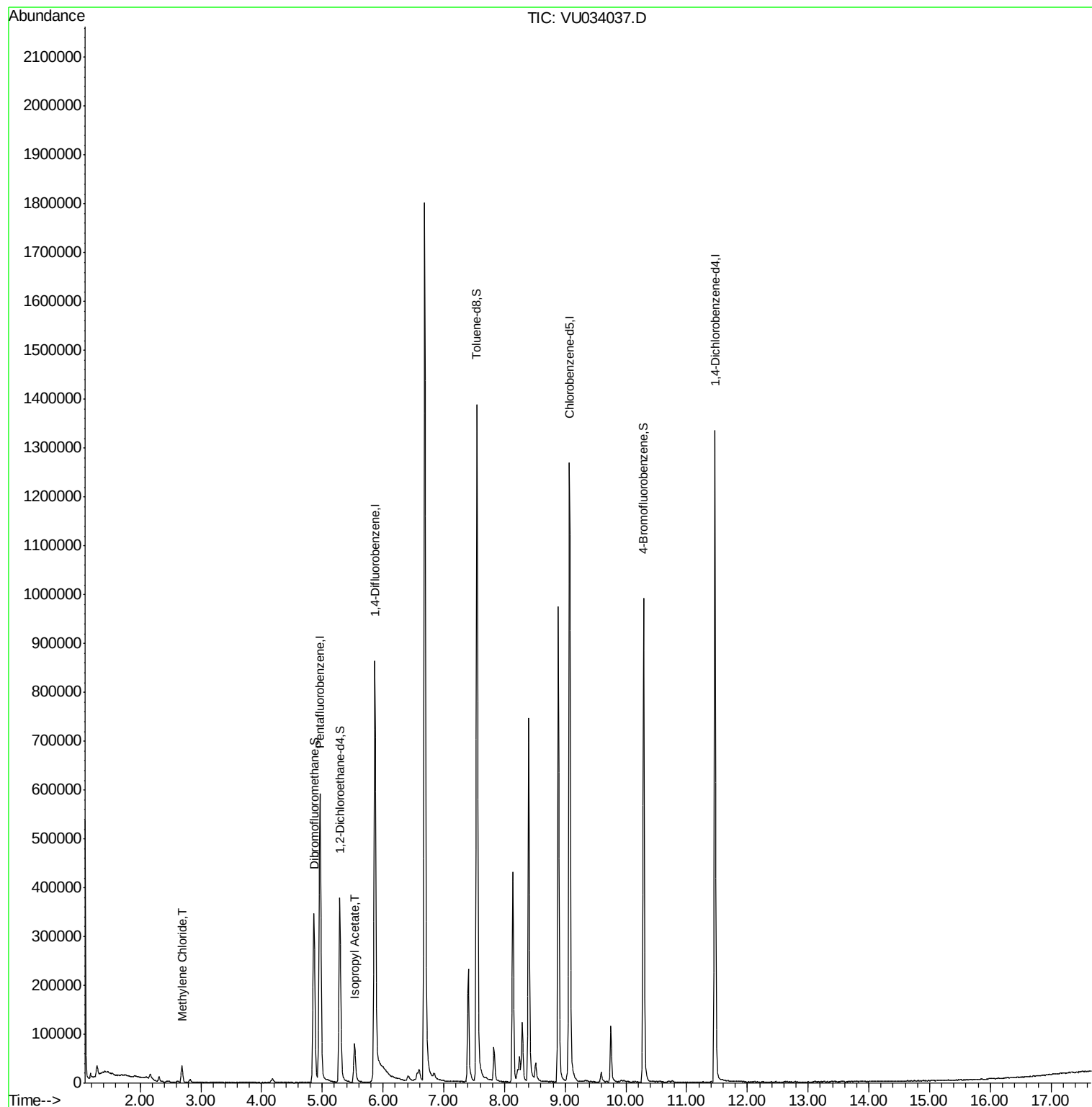
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	472976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	768005	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	739608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	364612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	296639	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
35) Dibromofluoromethane	4.86	113	248199	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
50) Toluene-d8	7.55	98	969407	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	10.29	95	342962	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds						
20) Methylene Chloride	2.69	84	14862	2.539	ug/l	96
43) Isopropyl Acetate	5.53	43	96643	7.809	ug/l	98

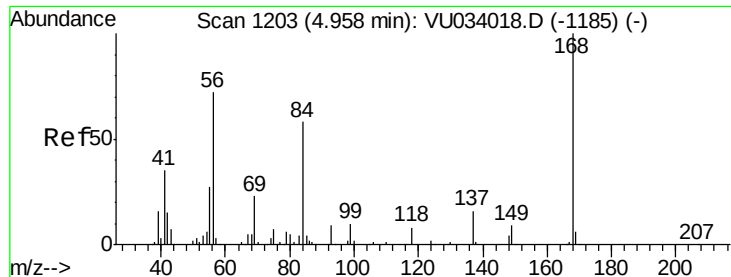
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034037.D

Acq: 28 Aug 2019 20:48

Instrument :

MSVOA_U

ClientSampleId :

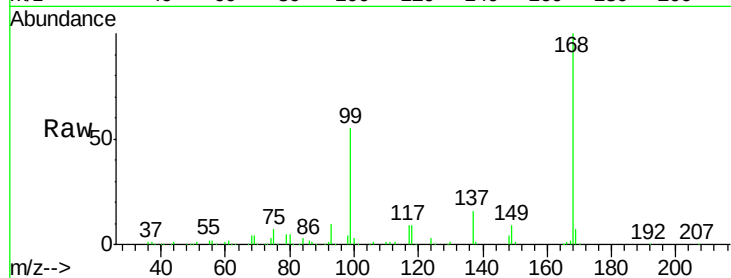
T9-12-13-A1-(1.9)

Tot Ion:168 Resp: 472976

Ion Ratio Lower Upper

168 100

99 54.8 42.3 63.5



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

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

150000

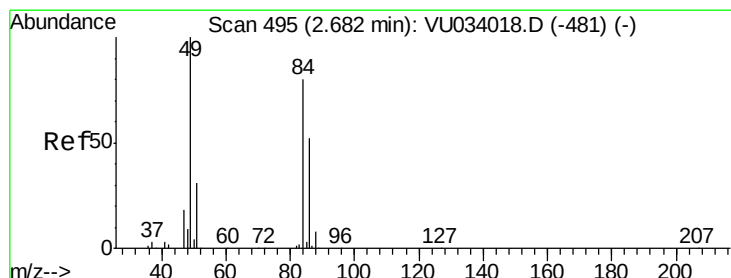
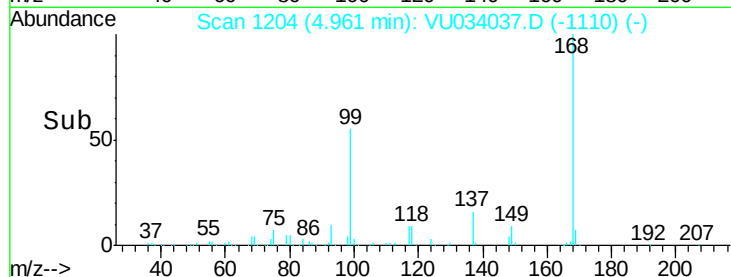
100000

50000

0

4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 2.539 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.01 min

Lab File: VU034037.D

Acq: 28 Aug 2019 20:48

Tgt Ion: 84 Resp: 14862

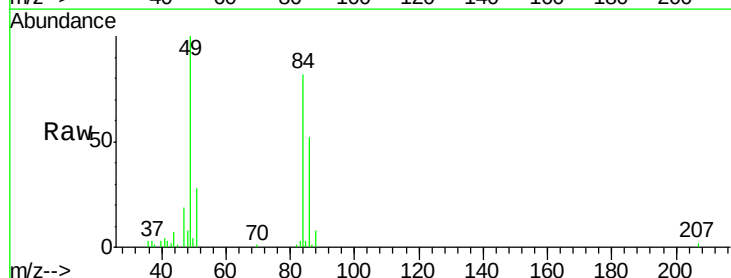
Ion Ratio Lower Upper

84 100

49 122.1 100.2 150.4

51 33.6 30.8 46.2

86 63.3 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034018.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VU034018.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VU034018.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VU034018.D (-481) (-)

15000

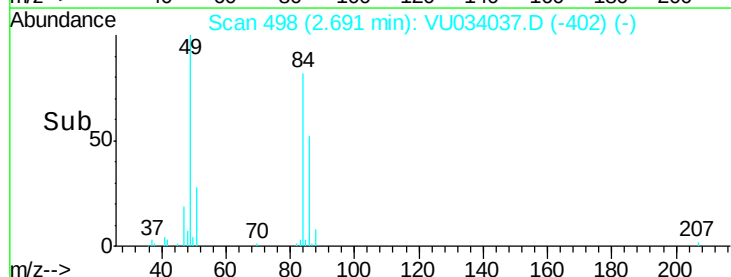
10000

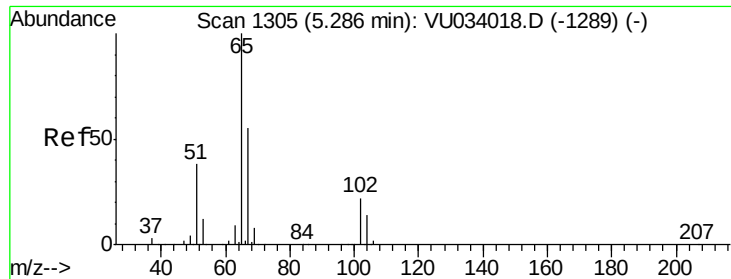
5000

0

2.65 2.70 2.75

Time-->

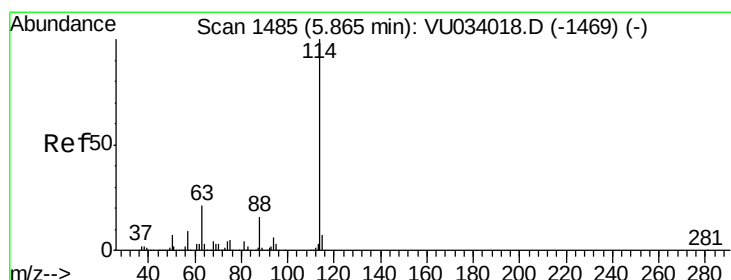
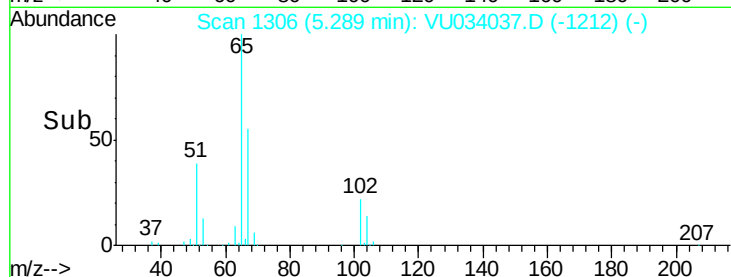
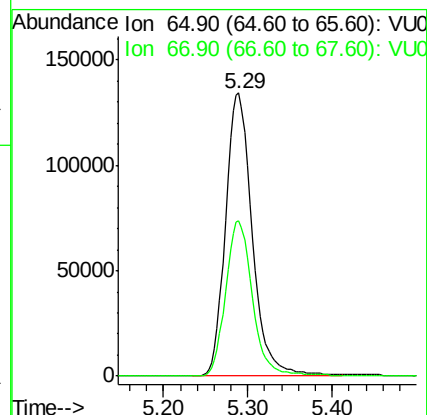
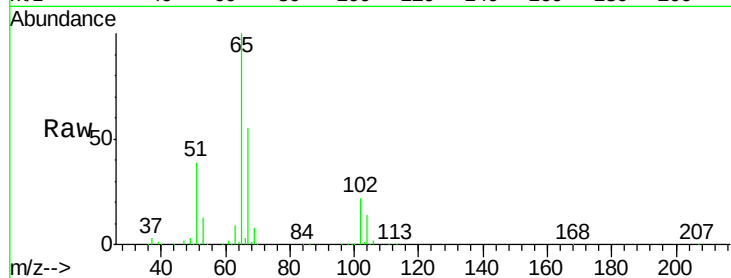




#33
 1,2-Dichloroethane-d4
 Concen: 48.947 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034037.D
 Acq: 28 Aug 2019 20:48

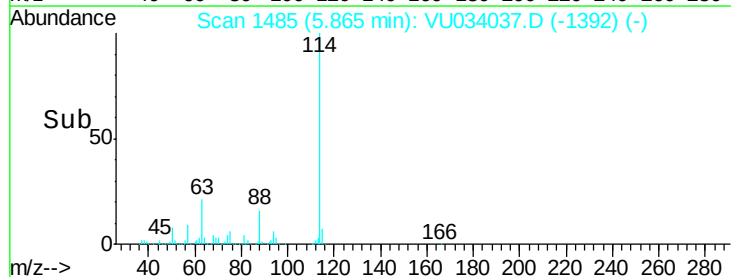
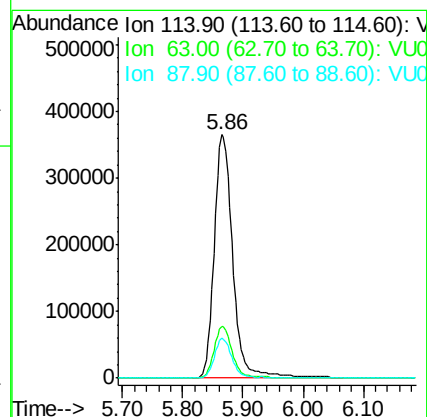
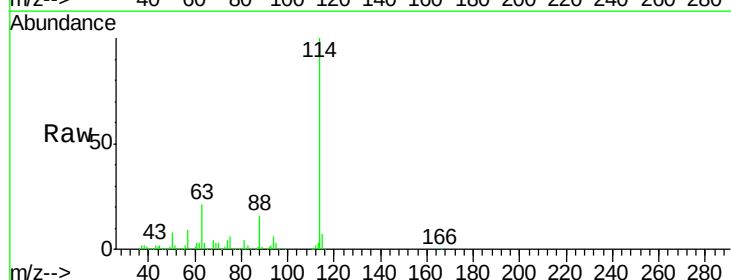
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-A1-(1.9)

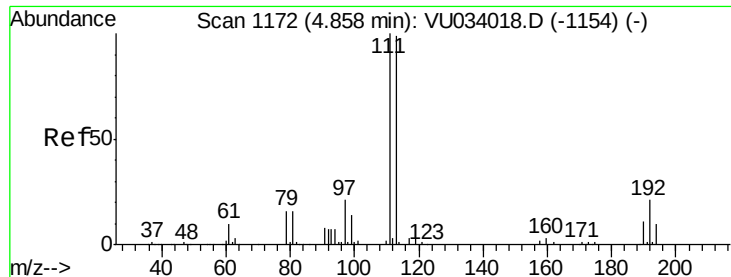
Tot Ion: 65 Resp: 296639
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034037.D
 Acq: 28 Aug 2019 20:48

Tgt Ion: 114 Resp: 768005
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.0
 88 16.2 0.0 32.0

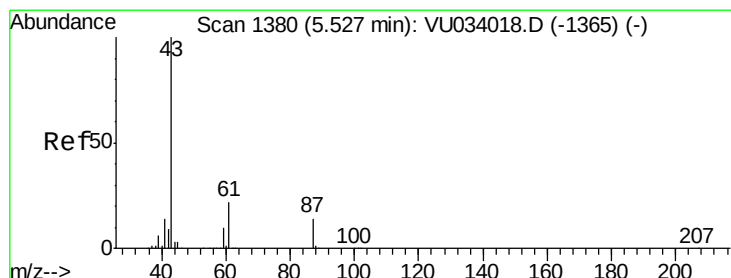
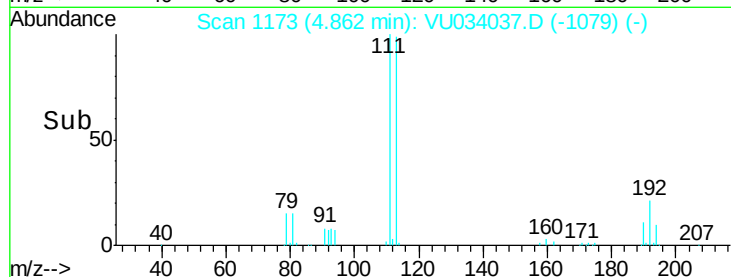
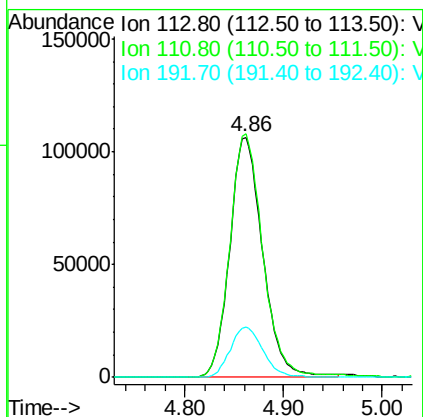
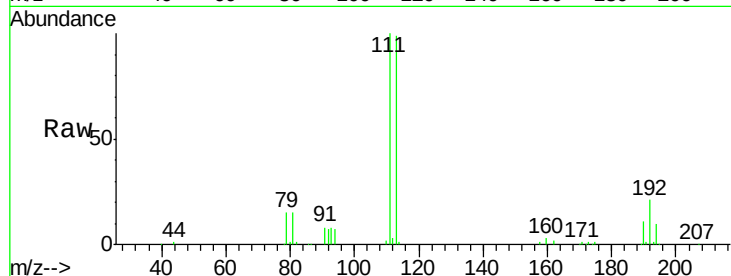




#35
 Dibromofluoromethane
 Concen: 46.594 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034037.D
 Acq: 28 Aug 2019 20:48

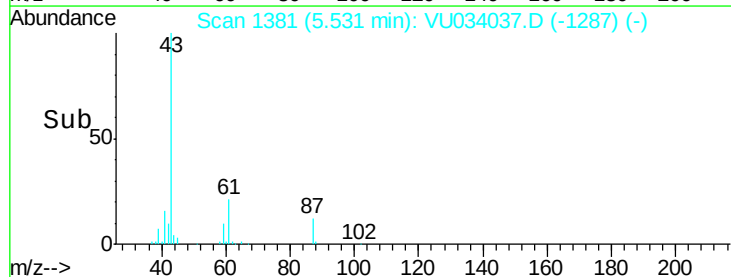
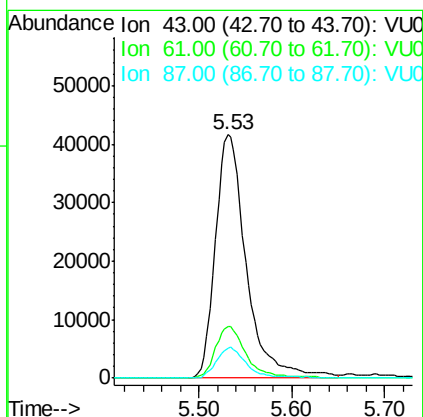
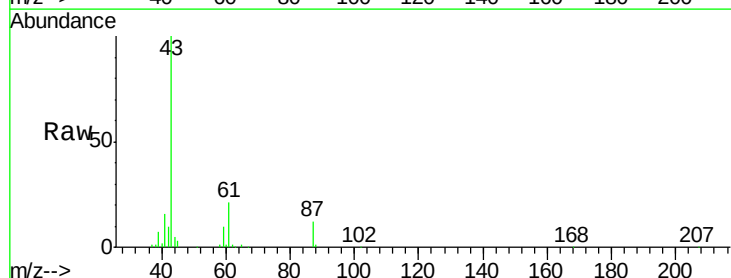
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-A1-(1.9)

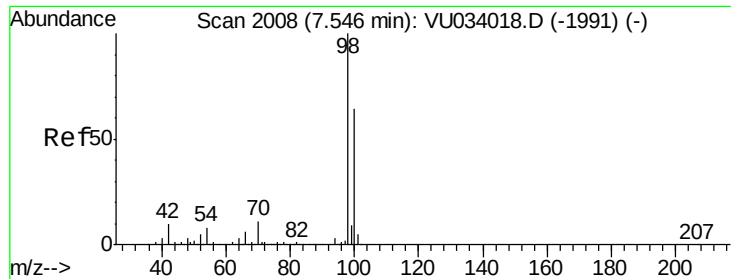
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.7	122.5
192	21.0	17.1	25.7



#43
 Isopropyl Acetate
 Concen: 7.809 ug/l
 RT: 5.53 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VU034037.D
 Acq: 28 Aug 2019 20:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.2	25.8
87	12.2	10.8	16.2

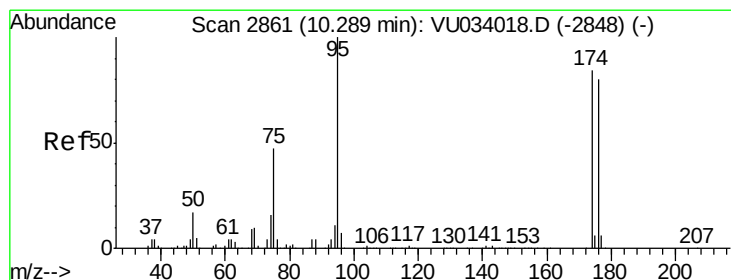
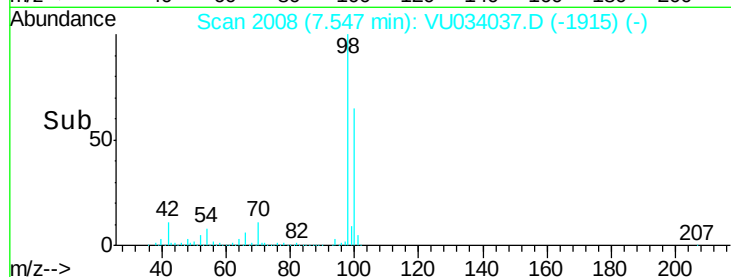
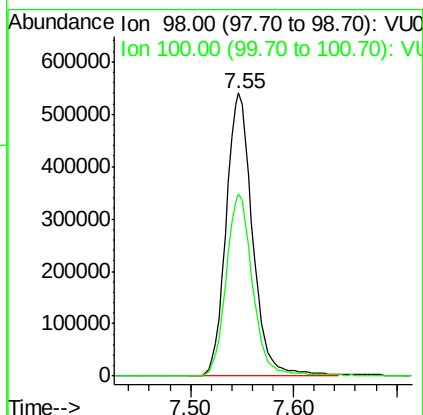
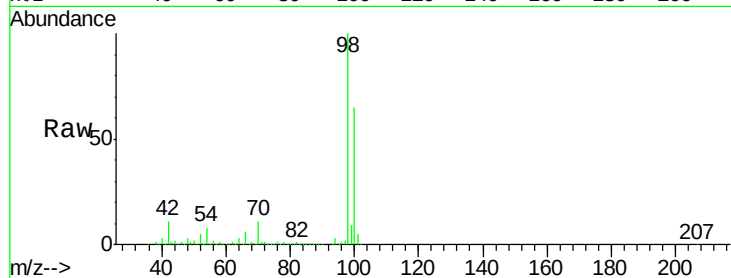




#50
Toluene-d8
Concen: 48.603 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034037.D
Acq: 28 Aug 2019 20:48

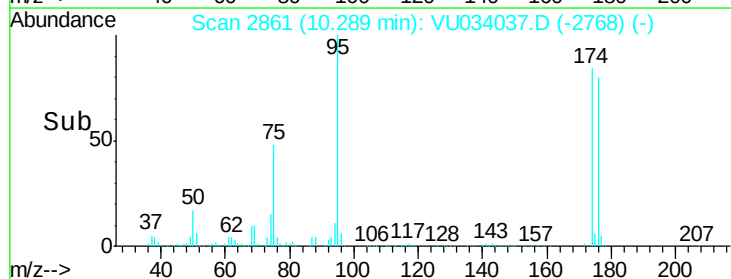
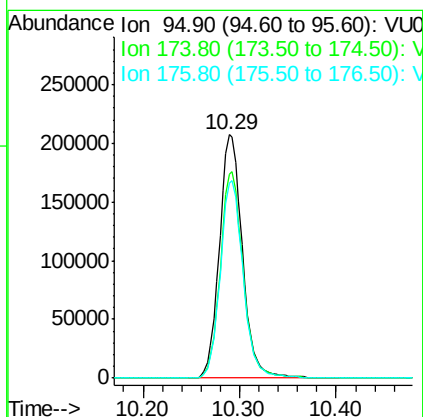
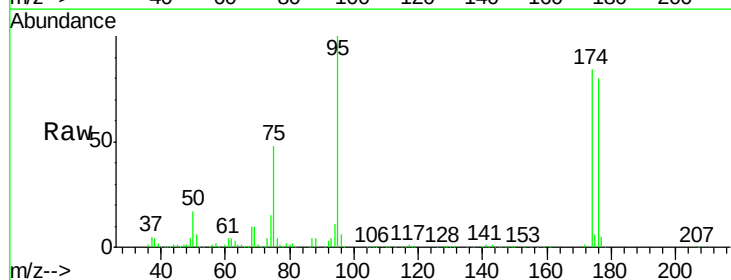
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-A1-(1.9)

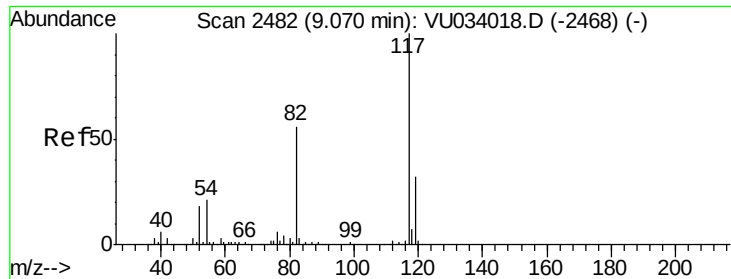
Tot Ion: 98 Resp: 969407
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.204 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034037.D
Acq: 28 Aug 2019 20:48

Tgt Ion: 95 Resp: 342962
Ion Ratio Lower Upper
95 100
174 84.1 0.0 168.8
176 80.6 0.0 161.8

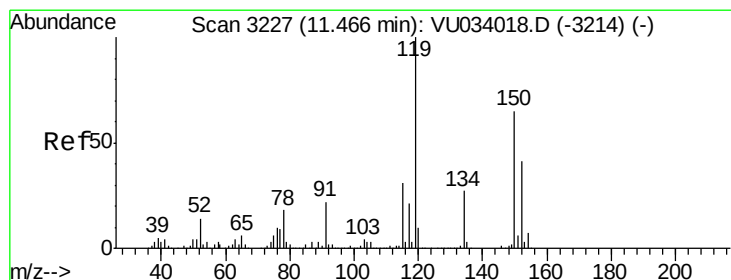
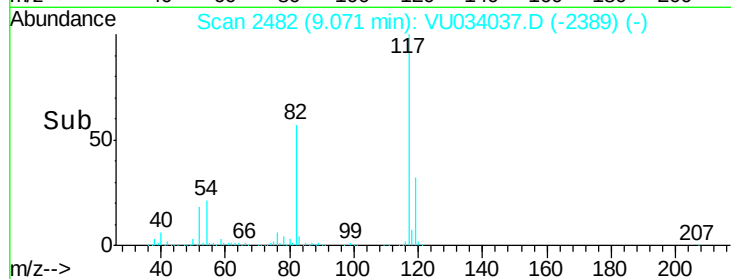
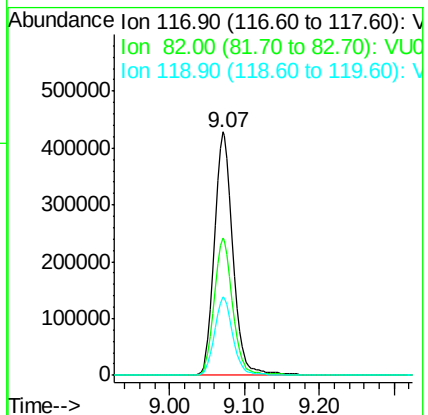
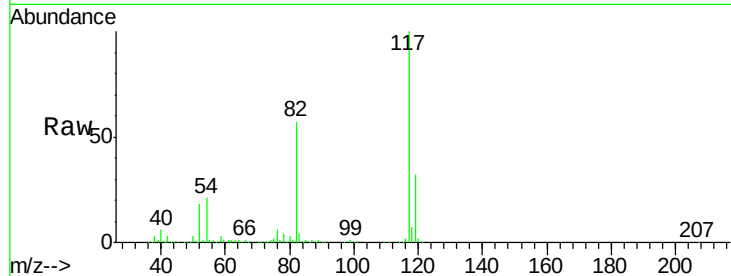




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034037.D
Acq: 28 Aug 2019 20:48

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-A1-(1.9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.1	67.7
119	32.0	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: VU034037.D
Acq: 28 Aug 2019 20:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	41.1	123.3
150	156.1	0.0	348.8

