

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034144.D
 Acq On : 01 Sep 2019 00:36
 Operator : JC/SP
 Sample : K4526-26
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-F1-(0)

Quant Time: Sep 01 05:42:07 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

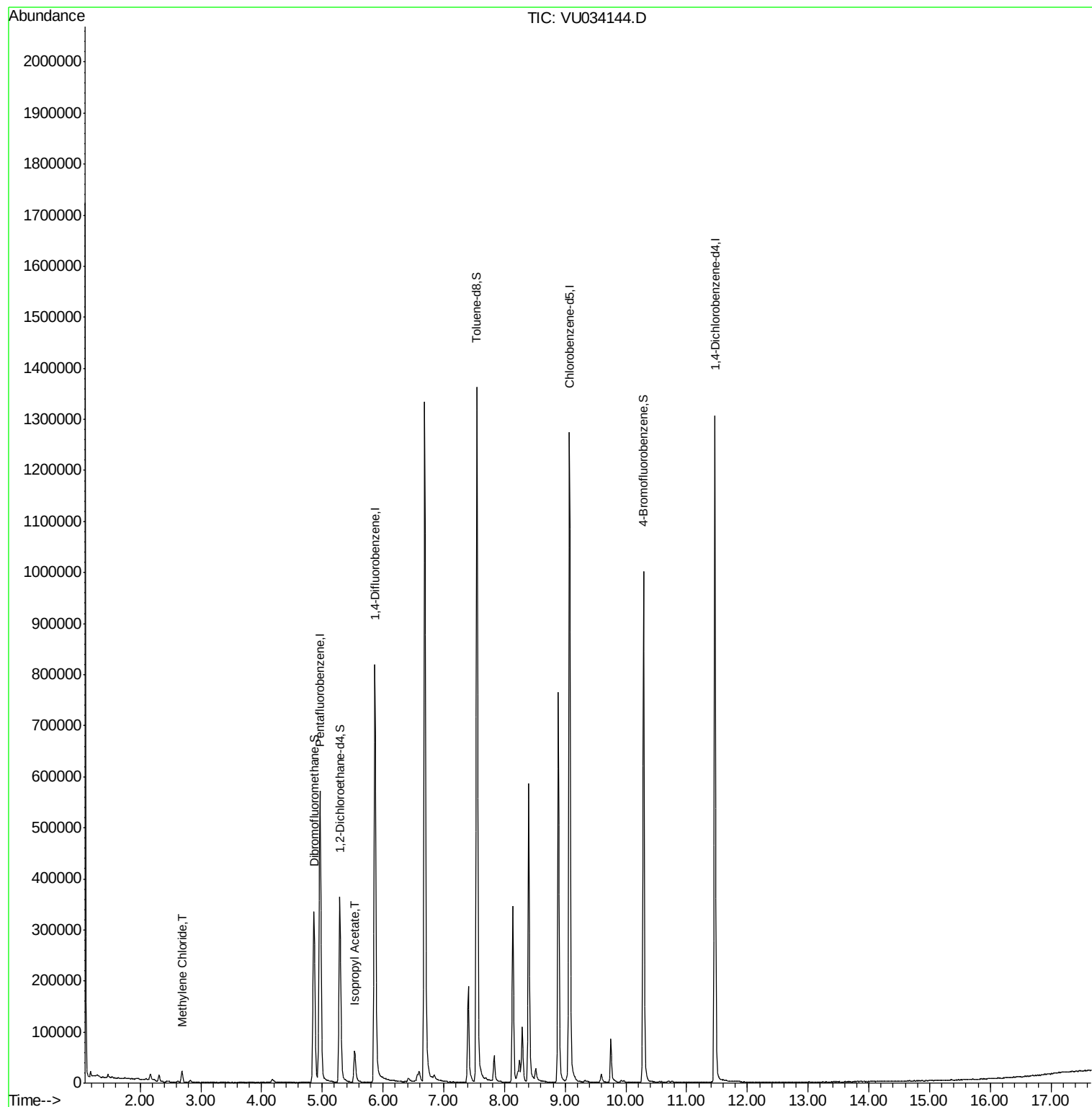
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	454395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	742245	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	734425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	361945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	289204	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
35) Dibromofluoromethane	4.86	113	240875	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
50) Toluene-d8	7.55	98	965378	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	10.29	95	340797	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
Target Compounds						
20) Methylene Chloride	2.69	84	9510	1.691	ug/l	91
43) Isopropyl Acetate	5.53	43	75575	6.319	ug/l	100

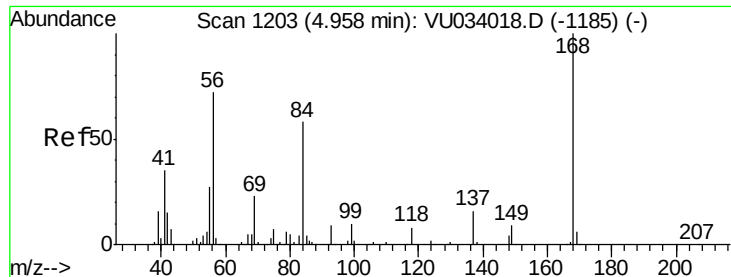
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VU034144.D

Acq: 01 Sep 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

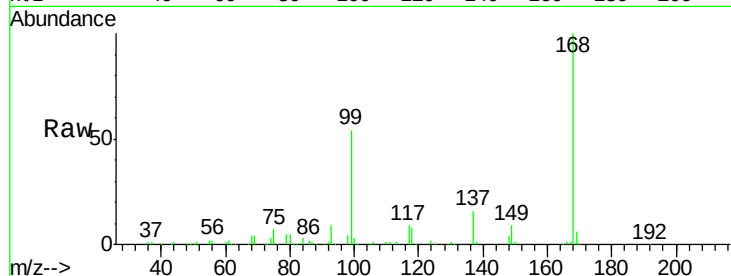
T9-12-13-F1-(0)

Tot Ion:168 Resp: 454395

Ion Ratio Lower Upper

168 100

99 53.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034144.D (-1110) (-)

Ion 98.90 (98.60 to 99.60): VU034144.D (-1110) (-)

4.96

200000

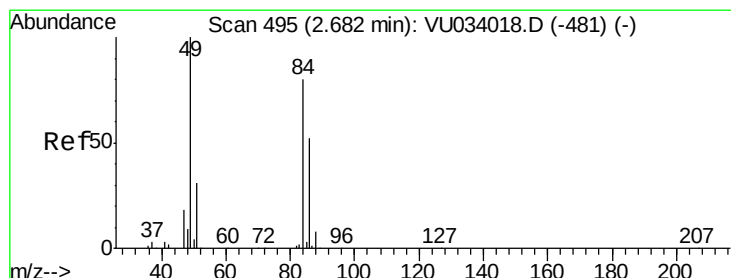
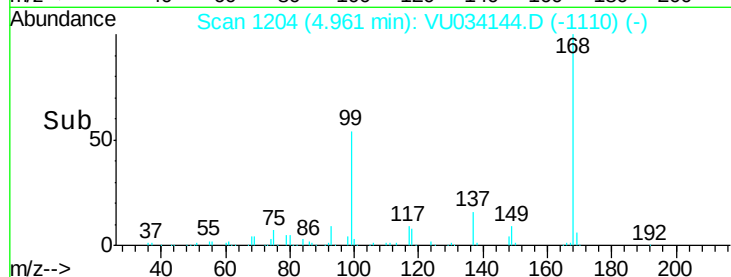
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.691 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034144.D

Acq: 01 Sep 2019 00:36

Tgt Ion: 84 Resp: 9510

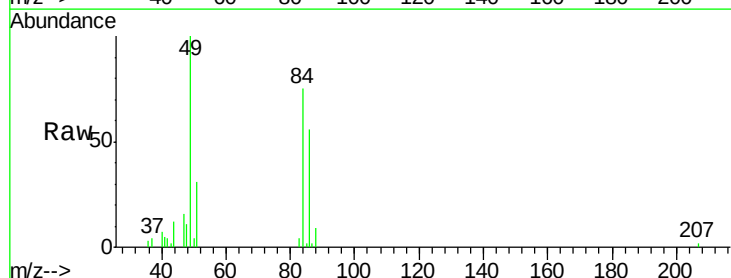
Ion Ratio Lower Upper

84 100

49 134.1 100.2 150.4

51 41.9 30.8 46.2

86 75.2 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034144.D (-402) (-)

Ion 48.90 (48.60 to 49.60): VU034144.D (-402) (-)

Ion 50.90 (50.60 to 51.60): VU034144.D (-402) (-)

Ion 85.90 (85.60 to 86.60): VU034144.D (-402) (-)

2.69

10000

8000

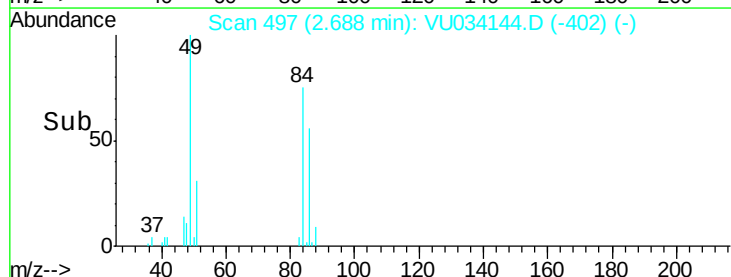
6000

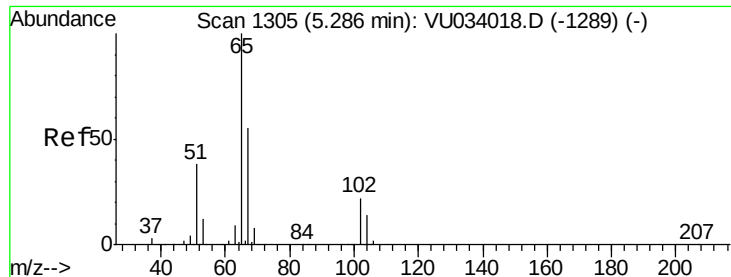
4000

2000

0

Time-->

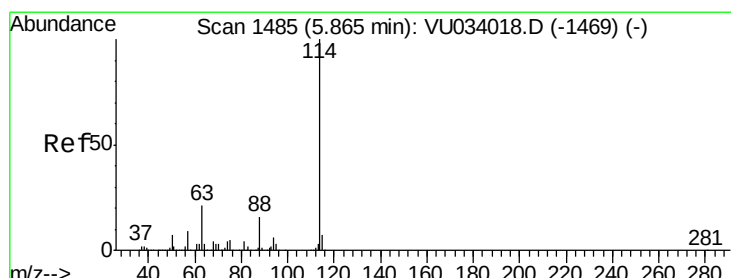
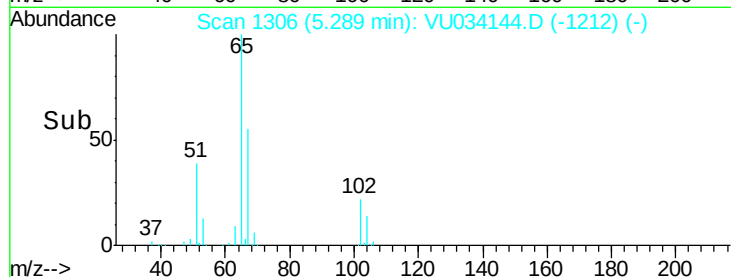
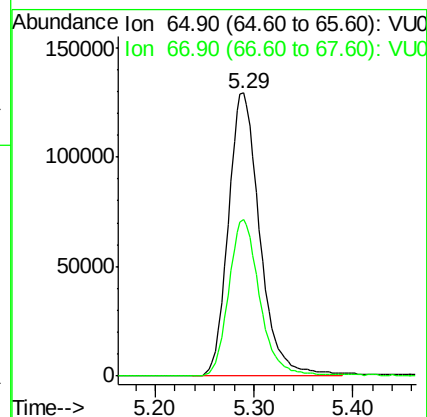
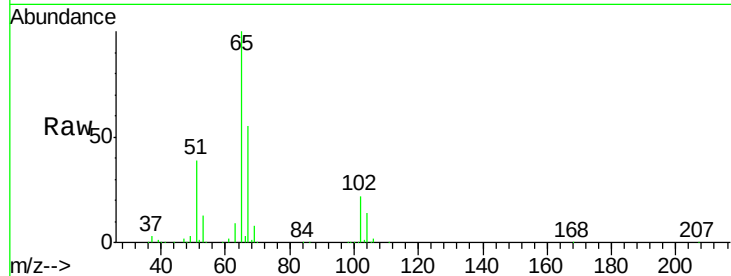




#33
 1,2-Dichloroethane-d4
 Concen: 49.671 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034144.D
 Acq: 01 Sep 2019 00:36

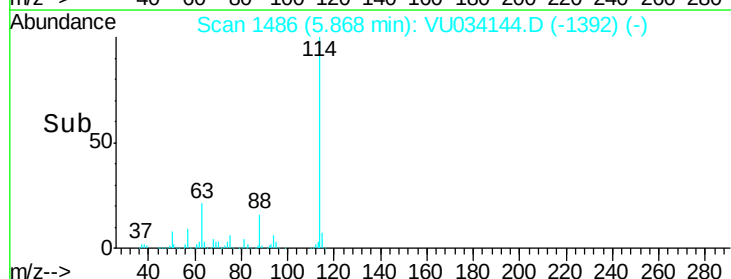
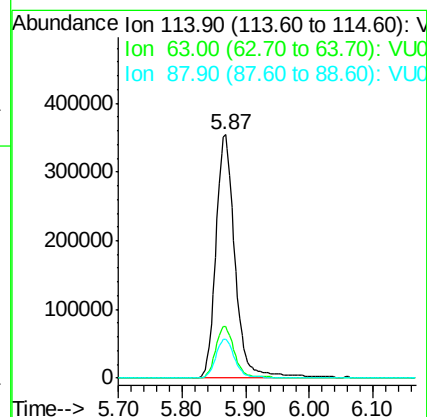
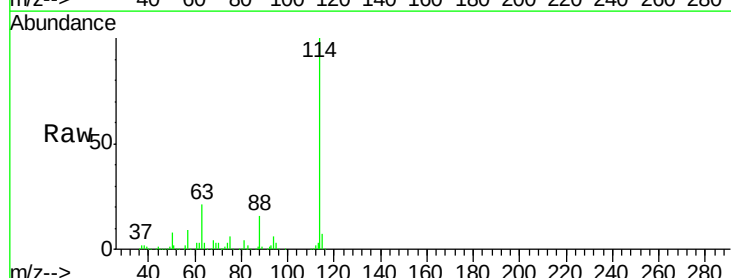
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-F1-(0)

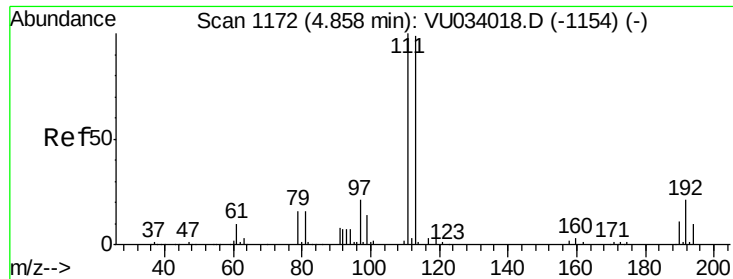
Tot Ion: 65 Resp: 289204
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034144.D
 Acq: 01 Sep 2019 00:36

Tgt Ion: 114 Resp: 742245
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.0
 88 16.0 0.0 32.0

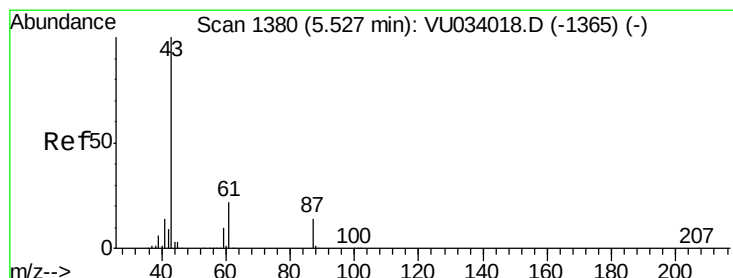
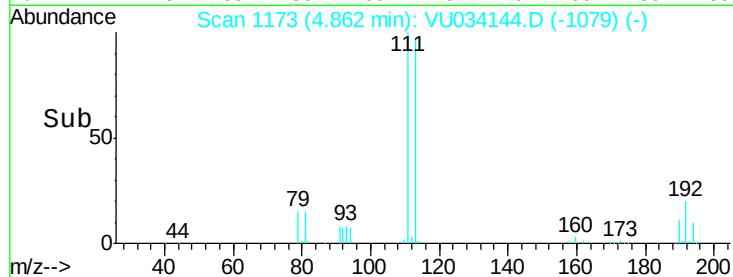
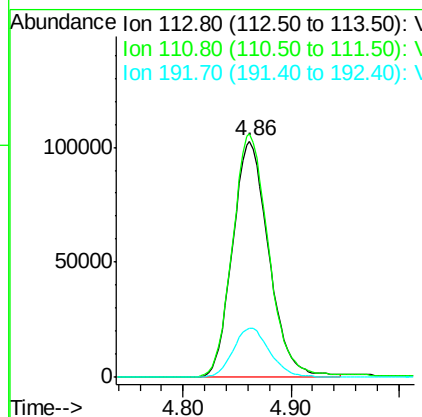
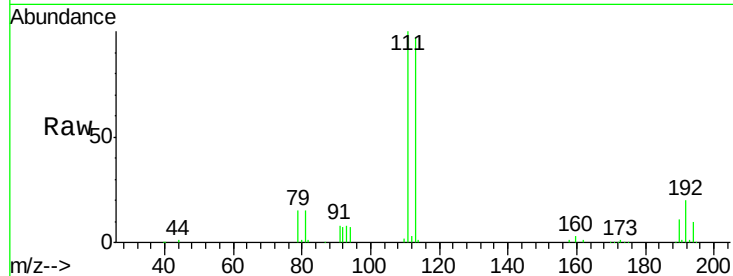




#35
 Dibromofluoromethane
 Concen: 46.789 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034144.D
 Acq: 01 Sep 2019 00:36

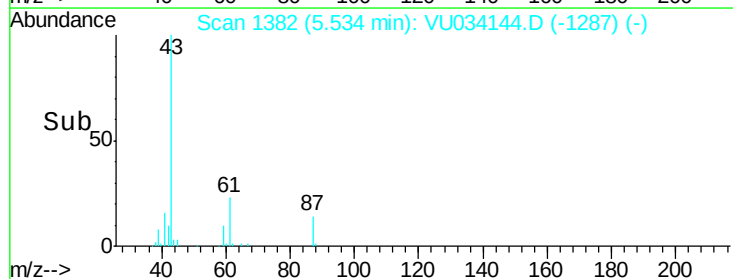
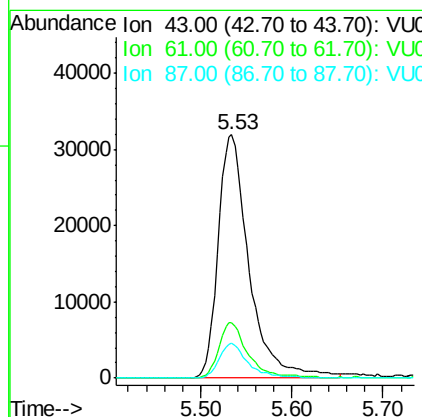
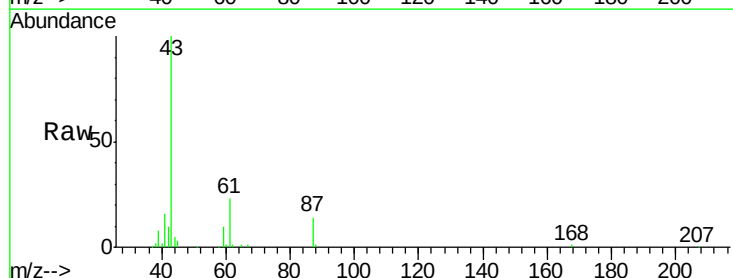
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-F1-(0)

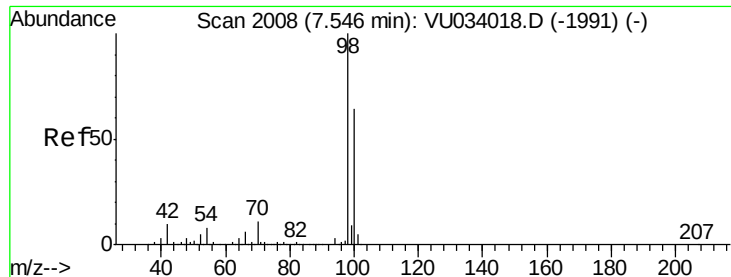
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.7	122.5
192	21.1	17.1	25.7



#43
 Isopropyl Acetate
 Concen: 6.319 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034144.D
 Acq: 01 Sep 2019 00:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.2	25.8
87	13.3	10.8	16.2





#50

Toluene-d8

Concen: 50.080 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034144.D

Acq: 01 Sep 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

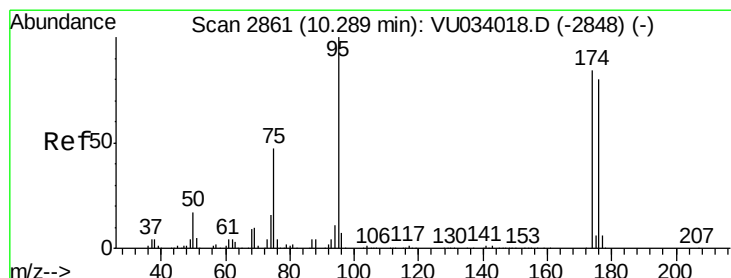
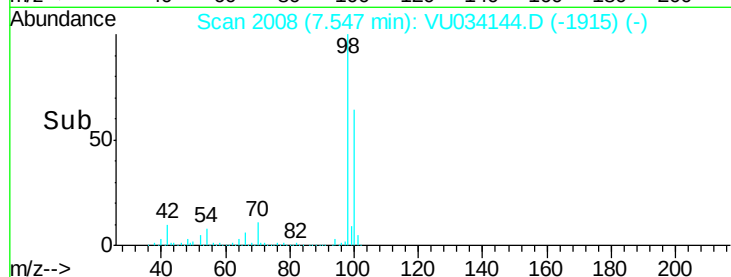
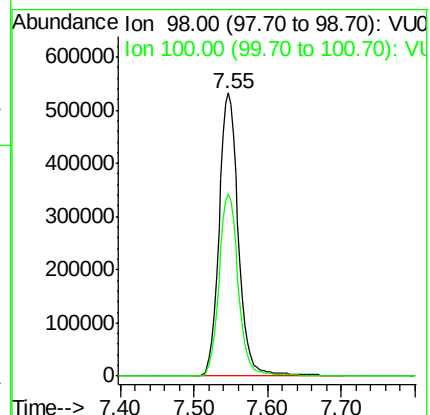
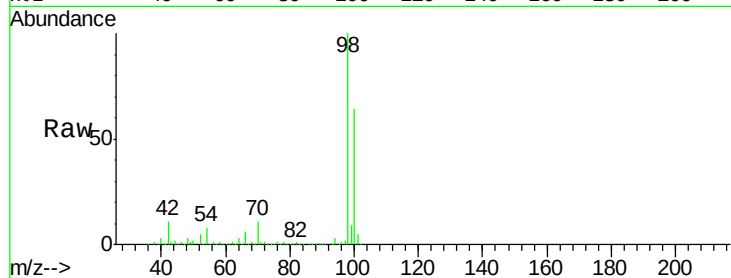
T9-12-13-F1-(0)

Tot Ion: 98 Resp: 965378

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 45.449 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034144.D

Acq: 01 Sep 2019 00:36

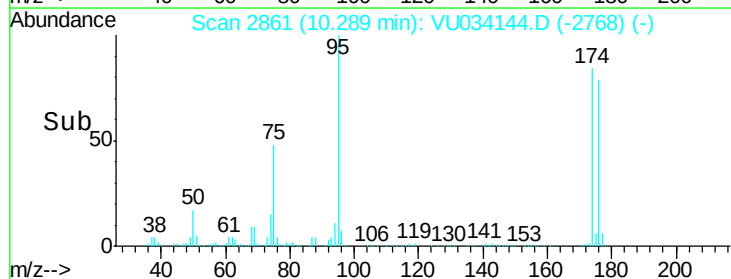
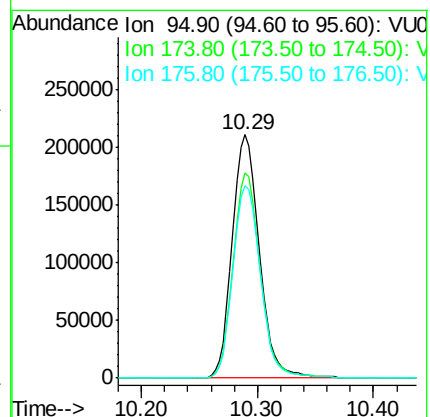
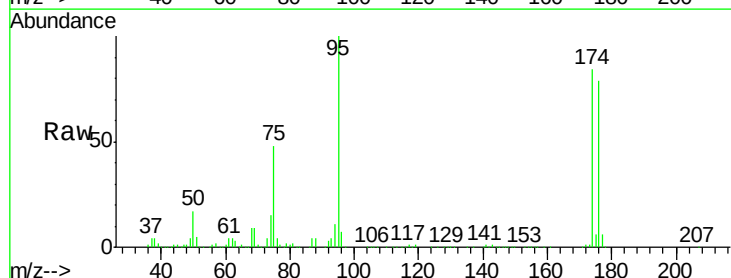
Tgt Ion: 95 Resp: 340797

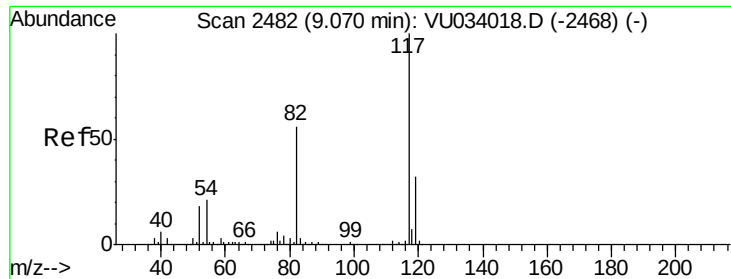
Ion Ratio Lower Upper

95 100

174 84.8 0.0 168.8

176 81.2 0.0 161.8

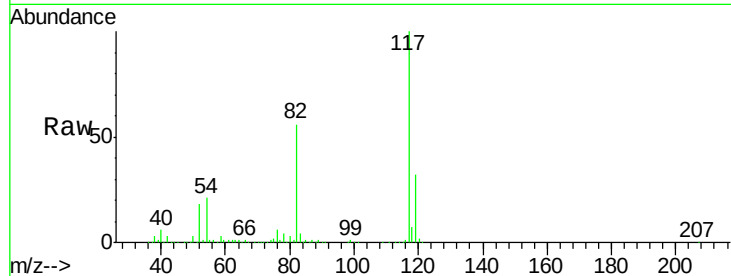




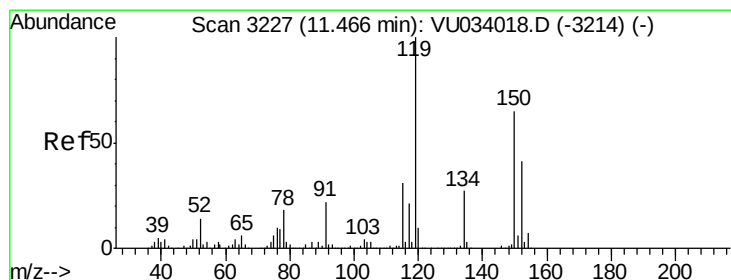
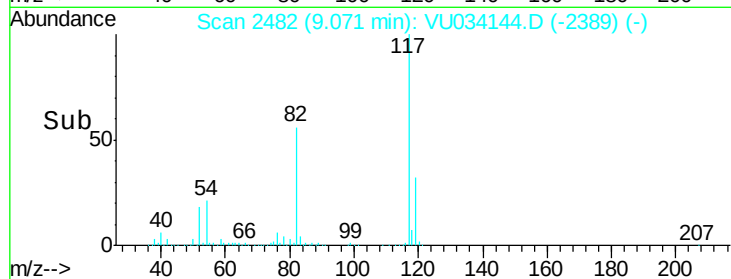
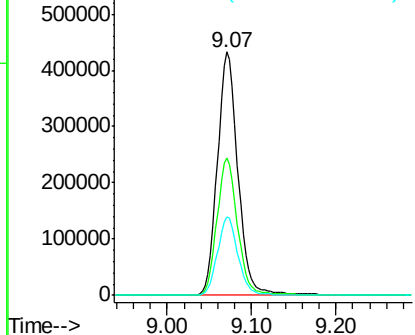
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.07 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: VU034144.D
 Acq: 01 Sep 2019 00:36

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-F1-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.1	67.7
119	32.5	25.4	38.0

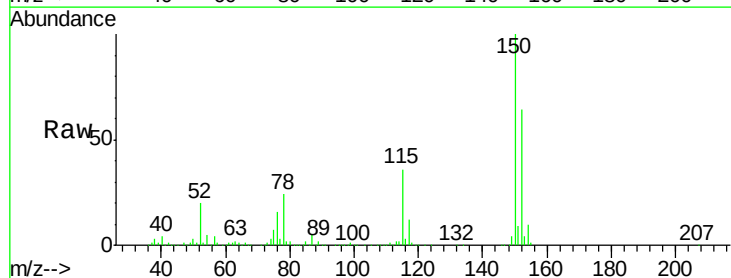


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.00 min
 Lab File: VU034144.D
 Acq: 01 Sep 2019 00:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	41.1	123.3
150	156.6	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

