

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034141.D
 Acq On : 31 Aug 2019 23:27
 Operator : JC/SP
 Sample : K4526-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Sep 01 05:35:30 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

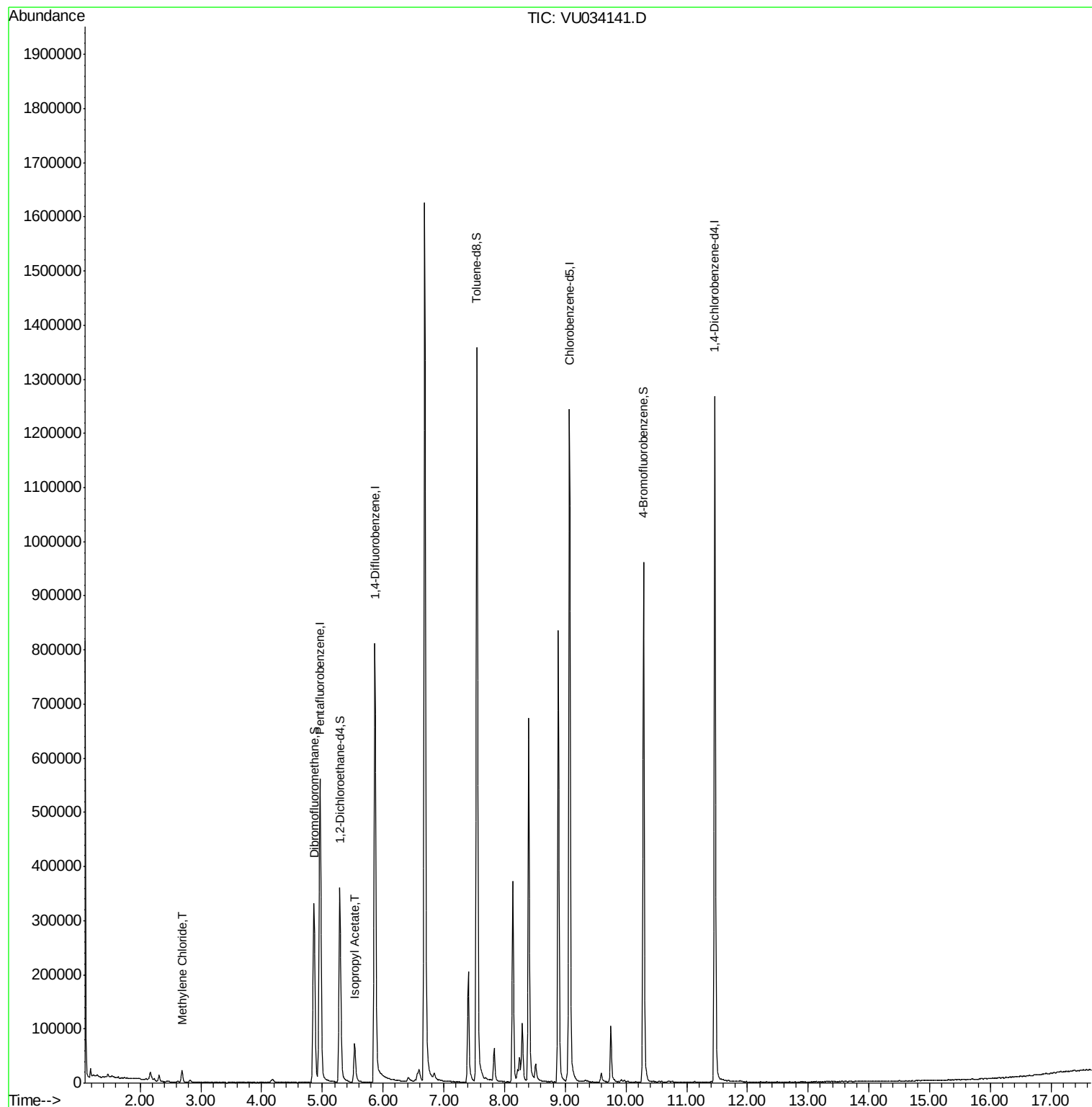
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	456854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	734520	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	720613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	352217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	288292	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
35) Dibromofluoromethane	4.86	113	236436	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	7.55	98	950196	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	10.29	95	334631	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
Target Compounds						
20) Methylene Chloride	2.69	84	10082	1.783	ug/l	92
43) Isopropyl Acetate	5.53	43	84227	7.116	ug/l	97

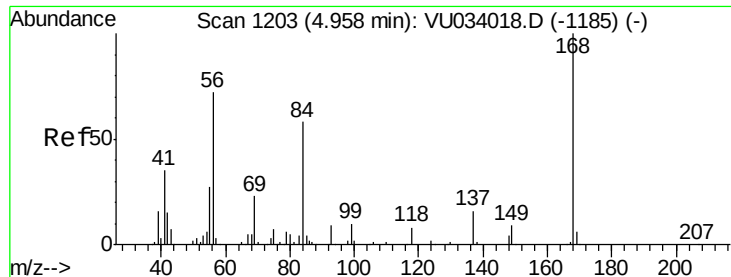
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VU034141.D

Acq: 31 Aug 2019 23:27

Instrument :

MSVOA_U

ClientSampleId :

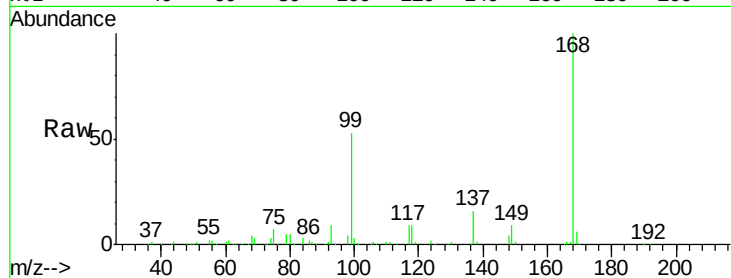
T9-12-13-C-(1.9)

Tot Ion:168 Resp: 456854

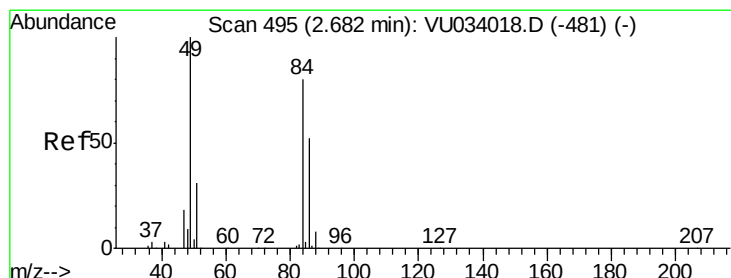
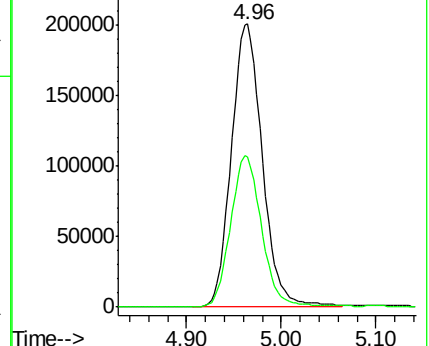
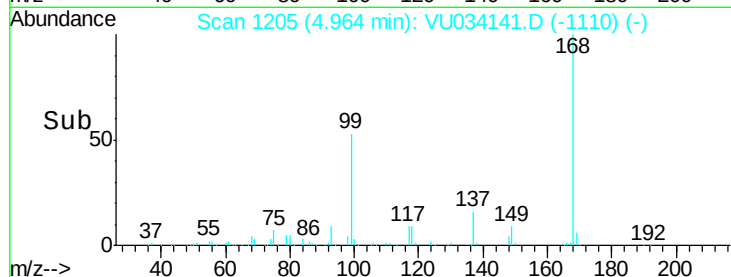
Ion Ratio Lower Upper

168 100

99 53.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034141.D (-1110) (-)



#20

Methylene Chloride

Concen: 1.783 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034141.D

Acq: 31 Aug 2019 23:27

Tgt Ion: 84 Resp: 10082

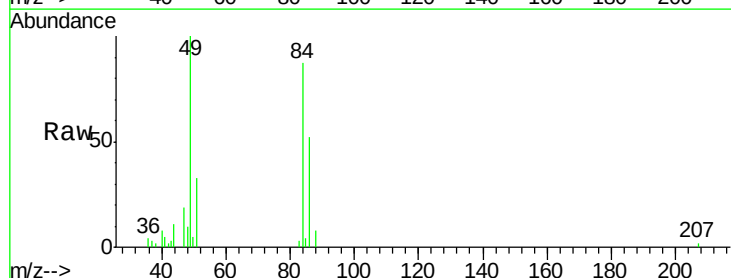
Ion Ratio Lower Upper

84 100

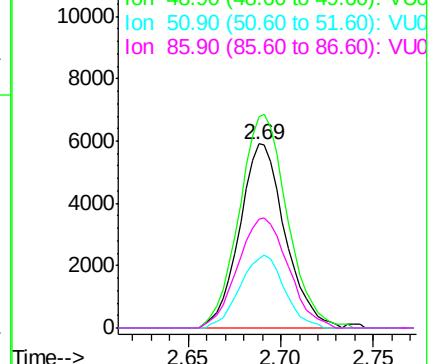
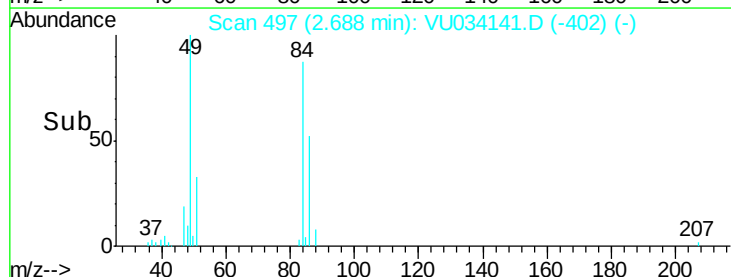
49 114.7 100.2 150.4

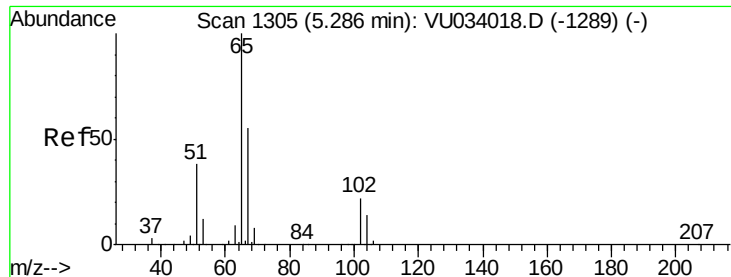
51 37.8 30.8 46.2

86 59.4 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034141.D (-402) (-)

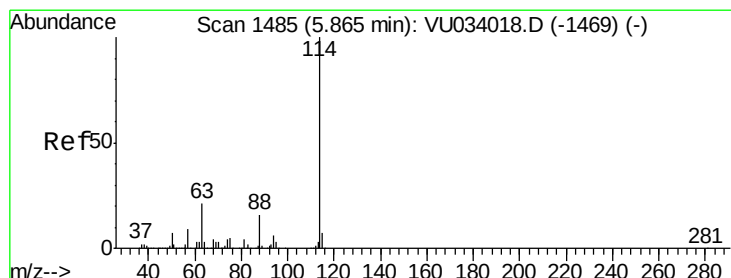
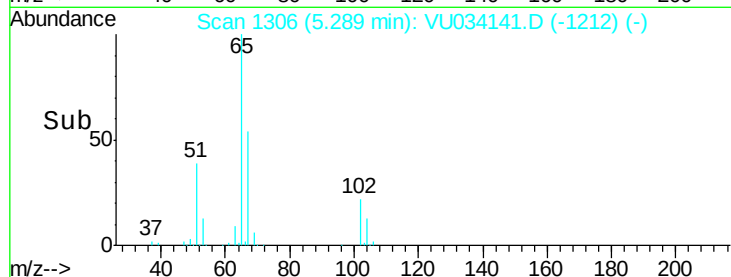
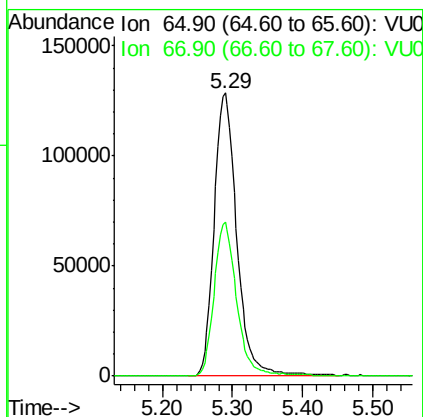
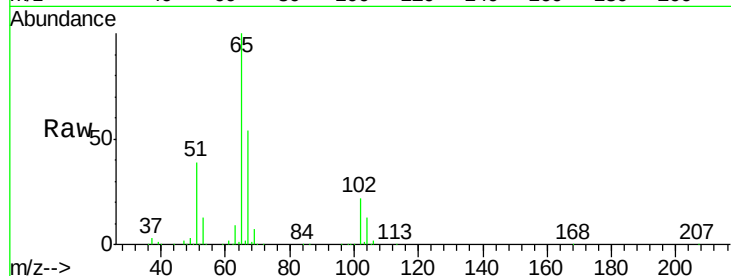




#33
 1,2-Dichloroethane-d4
 Concen: 49.248 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034141.D
 Acq: 31 Aug 2019 23:27

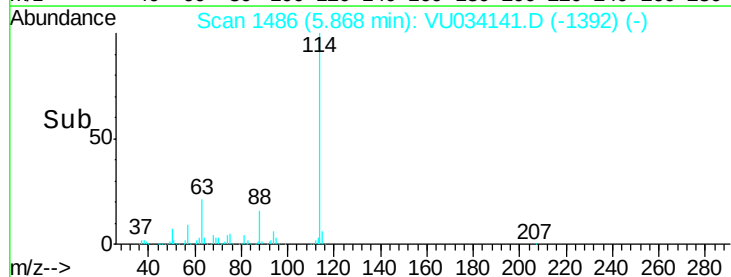
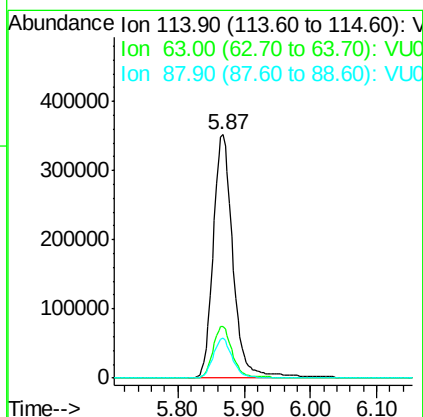
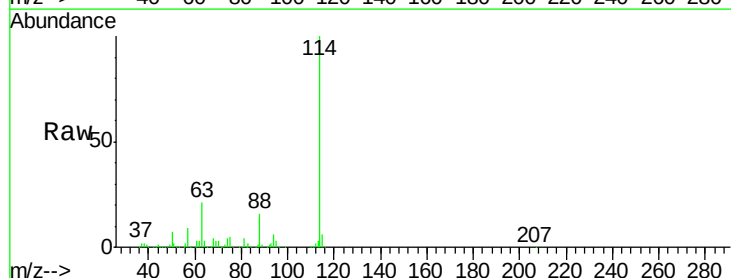
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-C-(1.9)

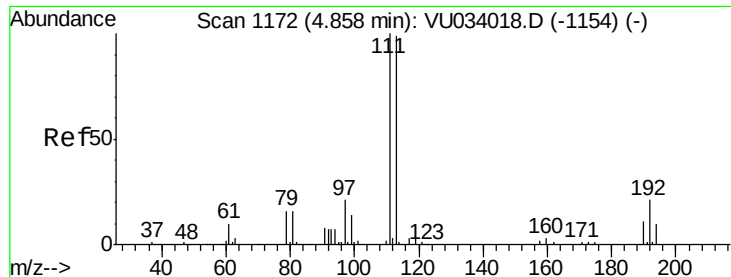
Tot Ion: 65 Resp: 288292
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034141.D
 Acq: 31 Aug 2019 23:27

Tgt Ion: 114 Resp: 734520
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.0
 88 16.3 0.0 32.0

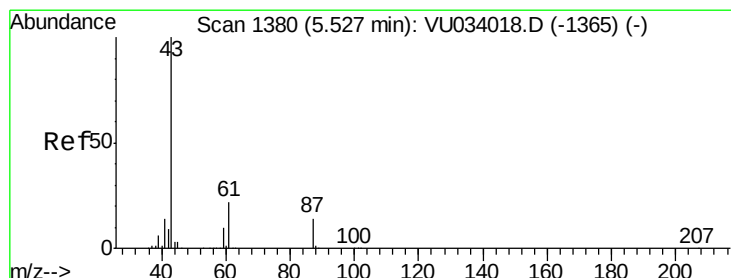
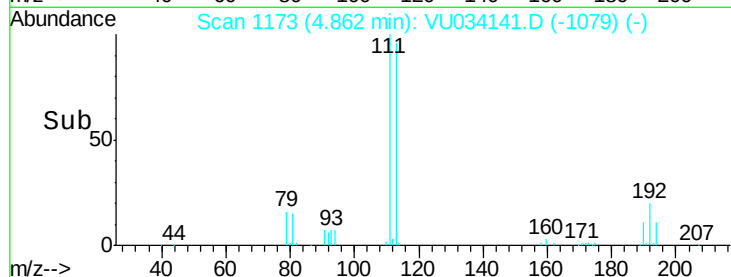
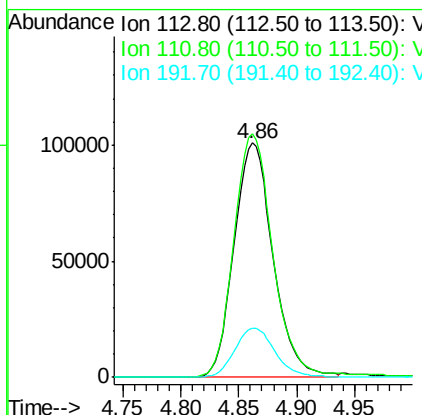
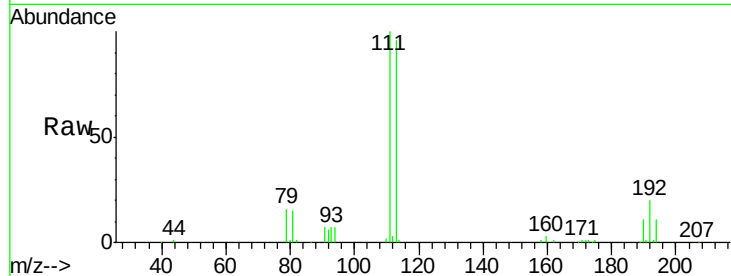




#35
 Dibromofluoromethane
 Concen: 46.409 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034141.D
 Acq: 31 Aug 2019 23:27

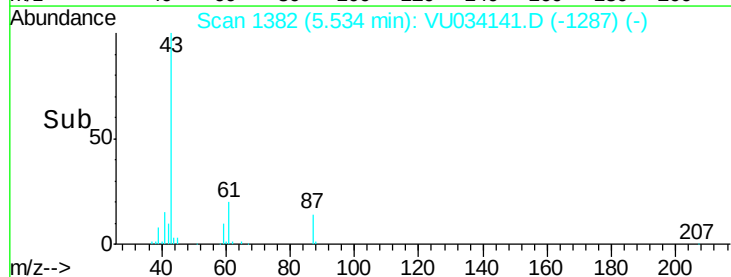
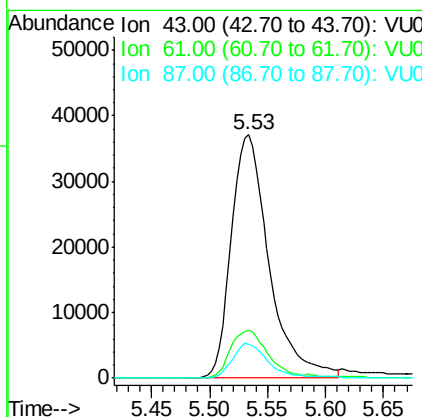
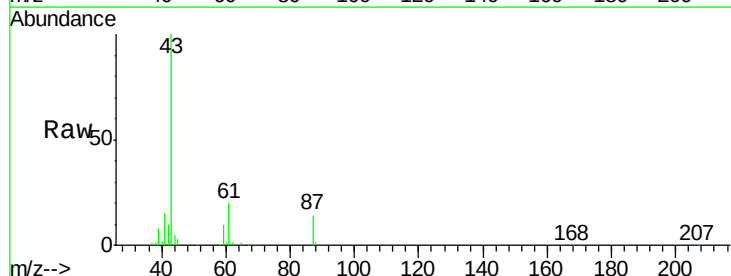
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-C-(1.9)

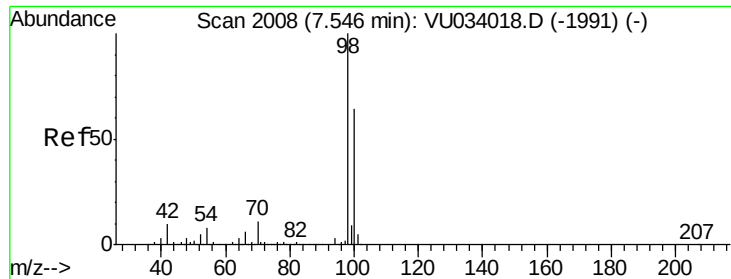
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.7	122.5
192	21.6	17.1	25.7



#43
 Isopropyl Acetate
 Concen: 7.116 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034141.D
 Acq: 31 Aug 2019 23:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	17.2	25.8
87	13.6	10.8	16.2

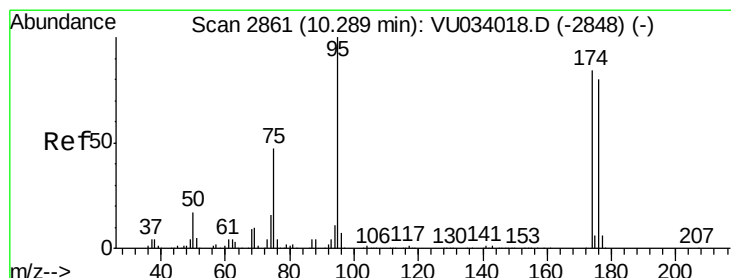
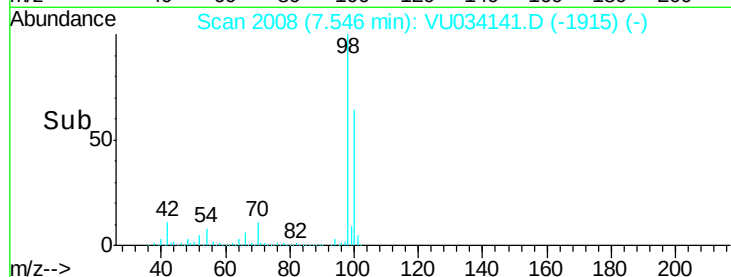
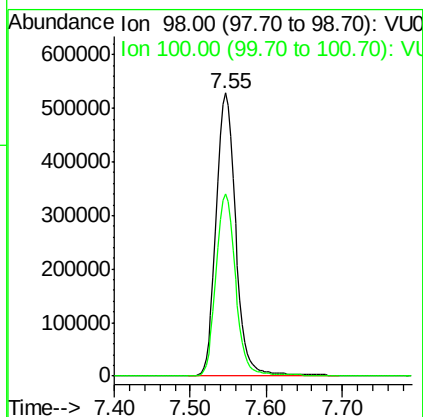
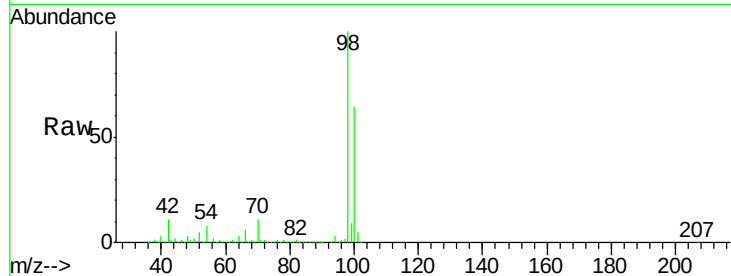




#50
Toluene-d8
Concen: 49.811 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034141.D
Acq: 31 Aug 2019 23:27

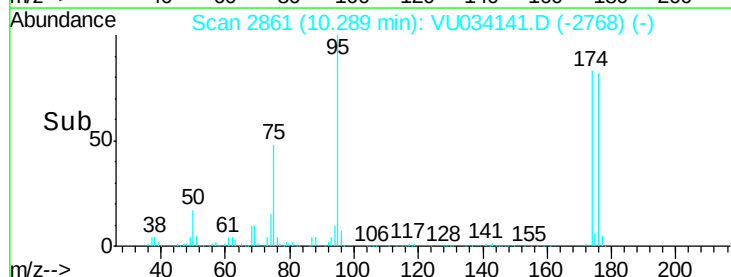
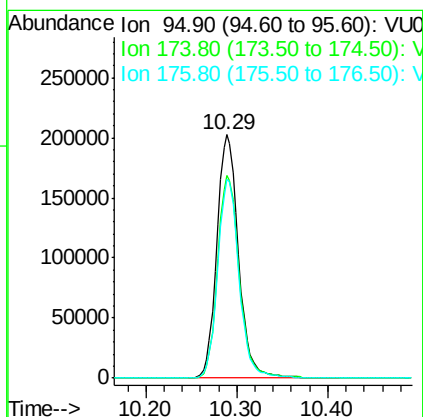
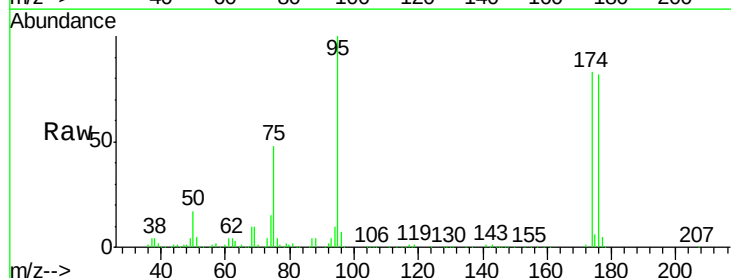
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-C-(1.9)

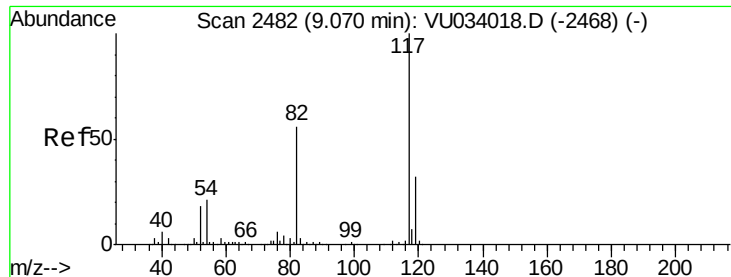
Tot Ion: 98 Resp: 950196
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.096 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034141.D
Acq: 31 Aug 2019 23:27

Tgt Ion: 95 Resp: 334631
Ion Ratio Lower Upper
95 100
174 84.0 0.0 168.8
176 80.6 0.0 161.8

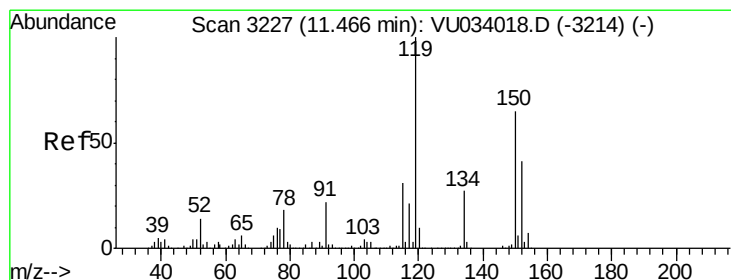
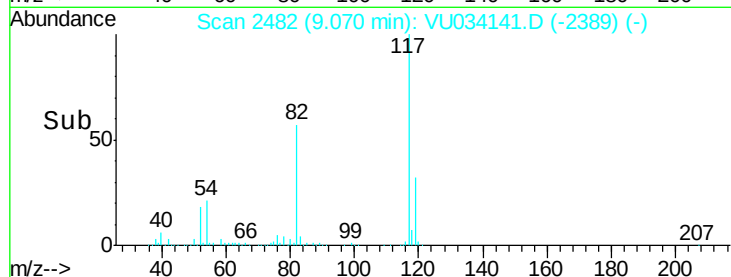
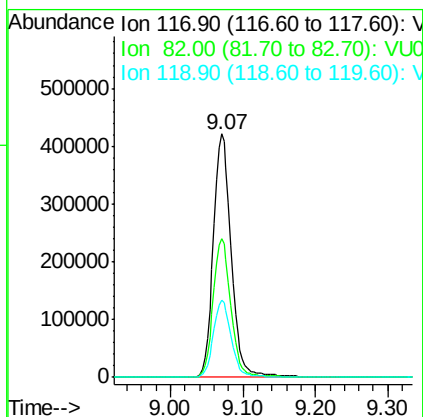
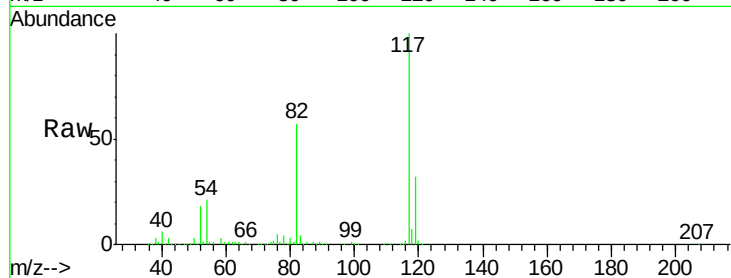




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034141.D
Acq: 31 Aug 2019 23:27

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

Tot Ion:117 Resp: 720613
Ion Ratio Lower Upper
117 100
82 57.2 45.1 67.7
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034141.D
Acq: 31 Aug 2019 23:27

Tgt Ion:152 Resp: 352217
Ion Ratio Lower Upper
152 100
115 56.9 41.1 123.3
150 156.1 0.0 348.8

