

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034150.D
 Acq On : 01 Sep 2019 02:56
 Operator : JC/SP
 Sample : K4526-32
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-F3-(1.9)

Quant Time: Sep 01 05:51:34 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

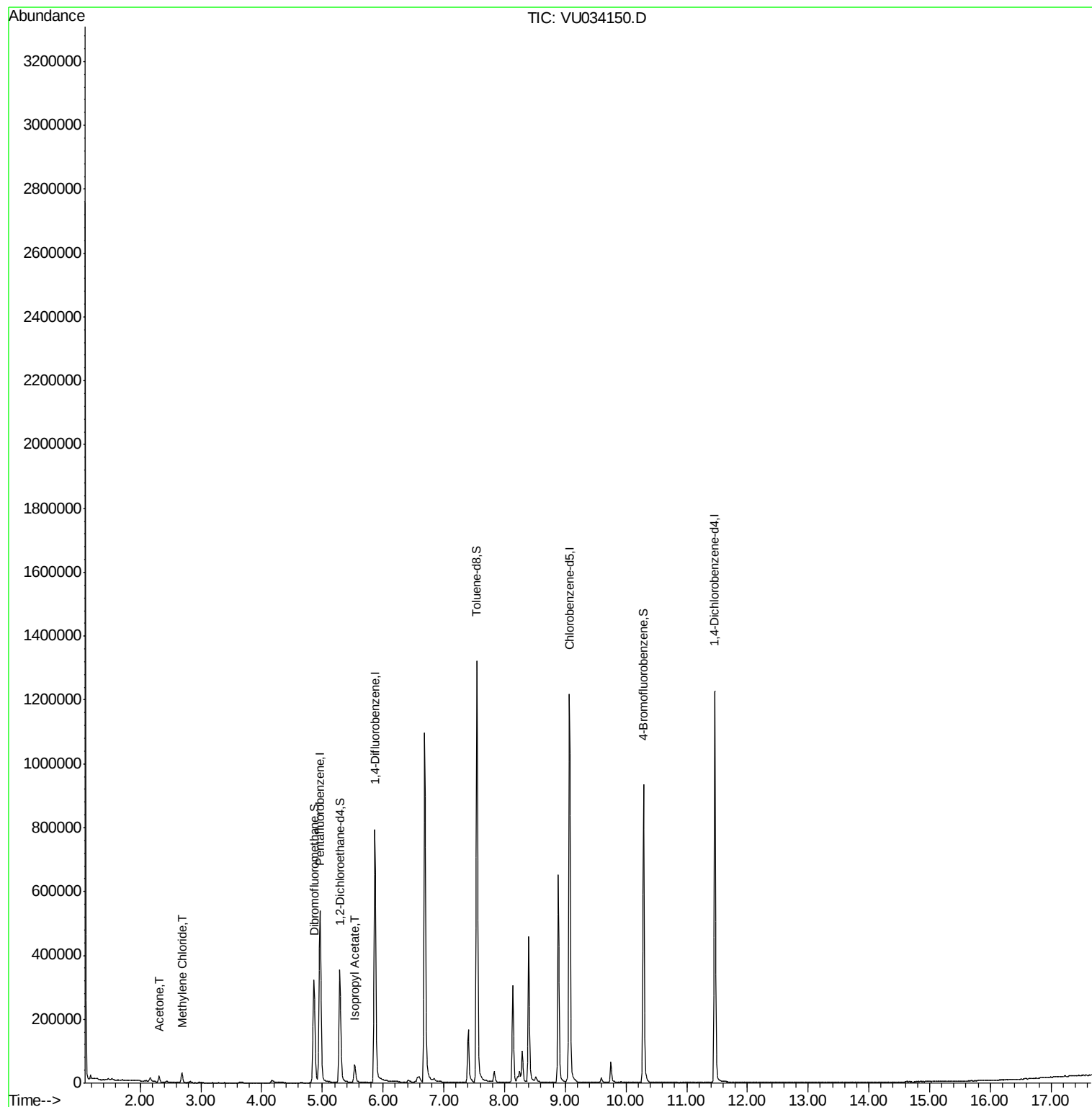
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	441698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	701336	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	700674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	343405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	282120	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
35) Dibromofluoromethane	4.86	113	230937	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
50) Toluene-d8	7.55	98	927552	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	10.29	95	322736	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
Target Compounds						
16) Acetone	2.31	43	20832	7.214	ug/l	99
20) Methylene Chloride	2.69	84	13545	2.478	ug/l #	95
43) Isopropyl Acetate	5.53	43	66810	5.912	ug/l	98

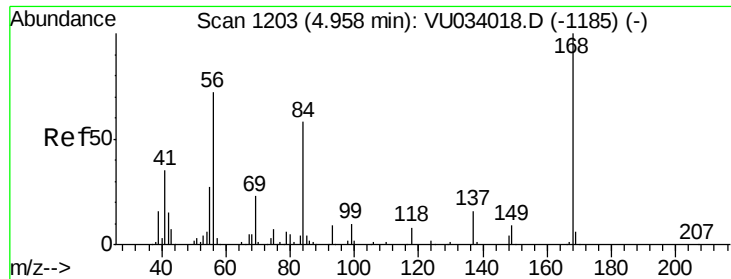
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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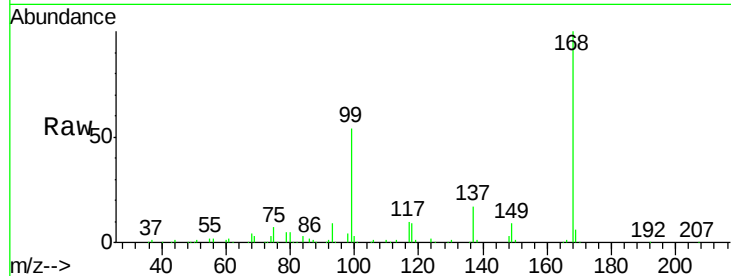




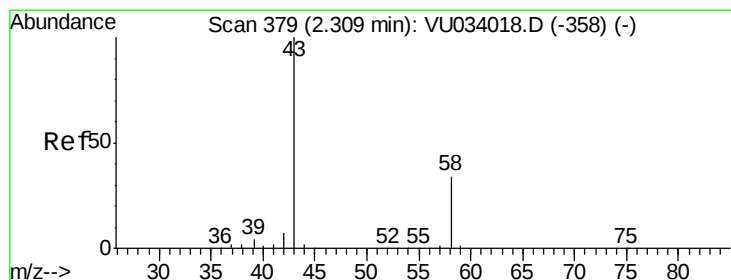
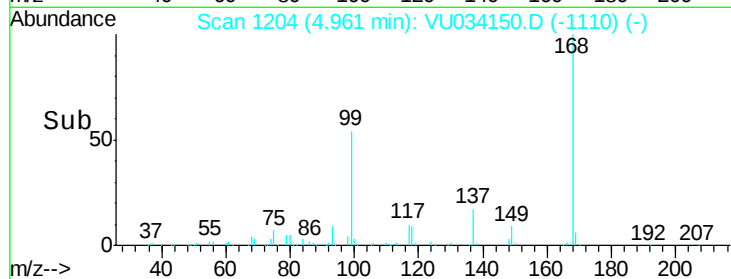
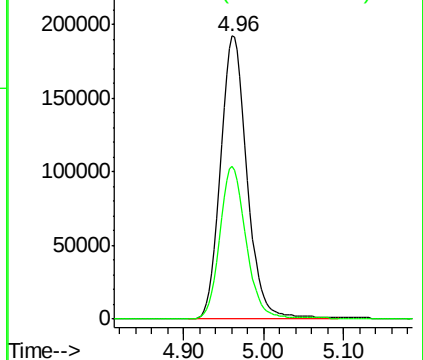
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(1.9)

Tot Ion:168 Resp: 441698
Ion Ratio Lower Upper
168 100
99 53.9 42.3 63.5

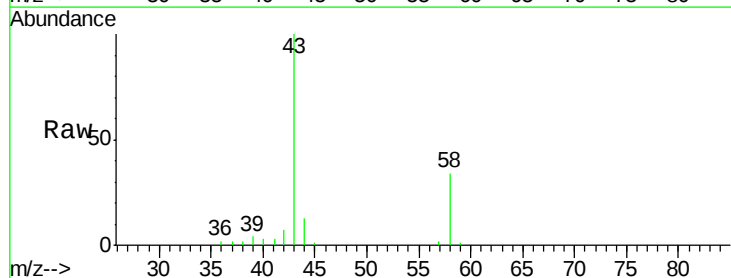


Abundance Ion 167.90 (167.60 to 168.60): VU034150.D (-1185) (-)
Ion 98.90 (98.60 to 99.60): VU034150.D (-1185) (-)

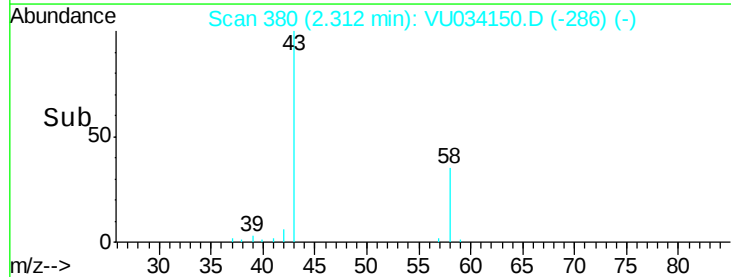
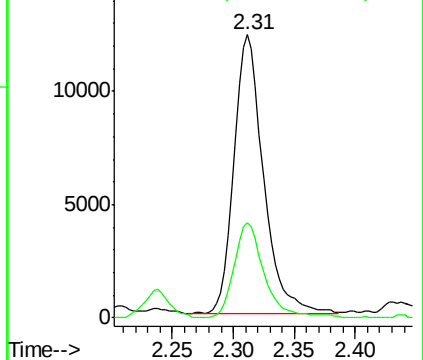


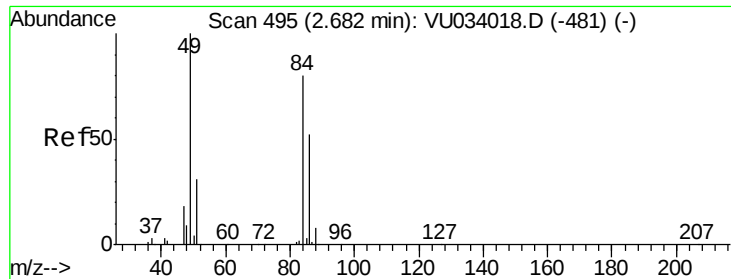
#16
Acetone
Concen: 7.214 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion: 43 Resp: 20832
Ion Ratio Lower Upper
43 100
58 33.2 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034150.D (-286) (-)
Ion 58.00 (57.70 to 58.70): VU034150.D (-286) (-)

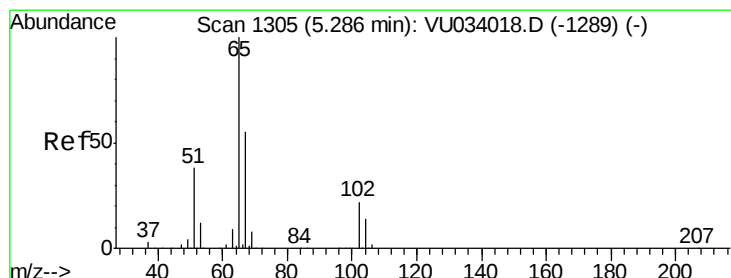
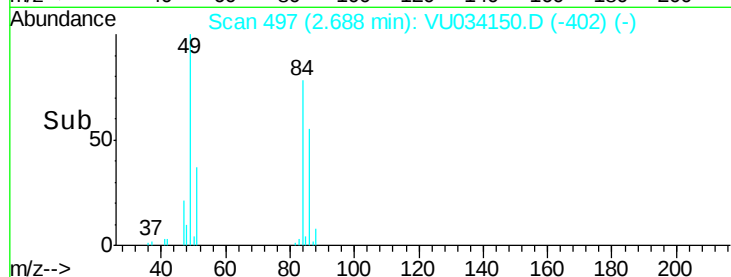
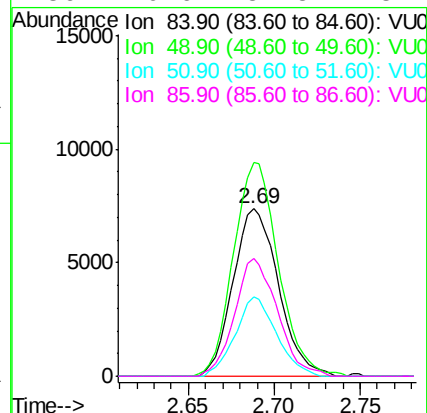
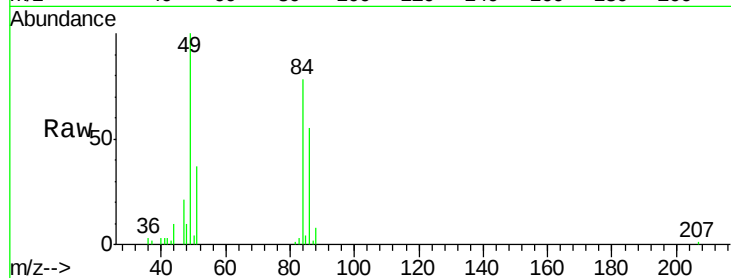




#20
Methvlene Chloride
Concen: 2.478 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

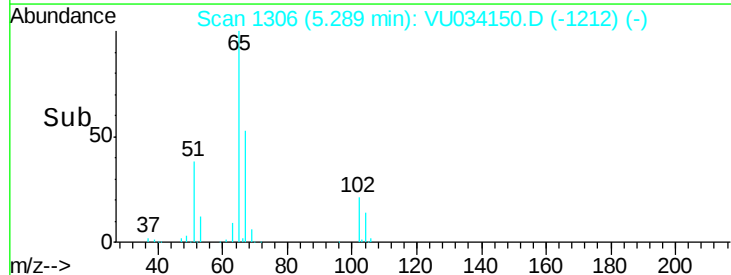
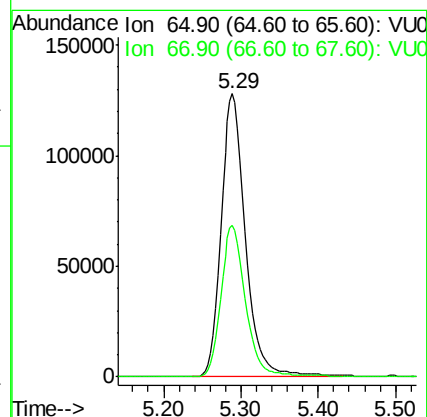
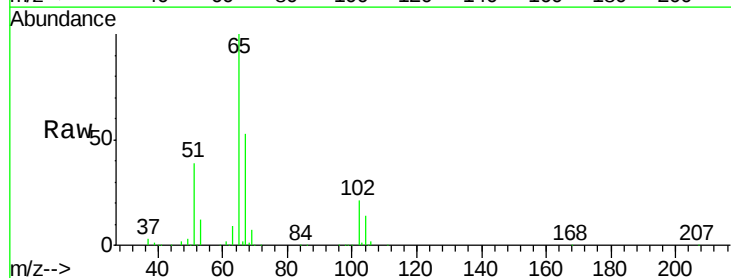
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(1.9)

Tot Ion: 84 Resp: 13545
Ion Ratio Lower Upper
84 100
49 127.4 100.2 150.4
51 47.7 30.8 46.2#
86 70.6 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.848 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion: 65 Resp: 282120
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6

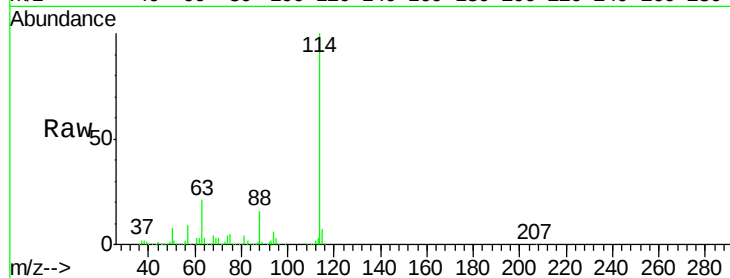




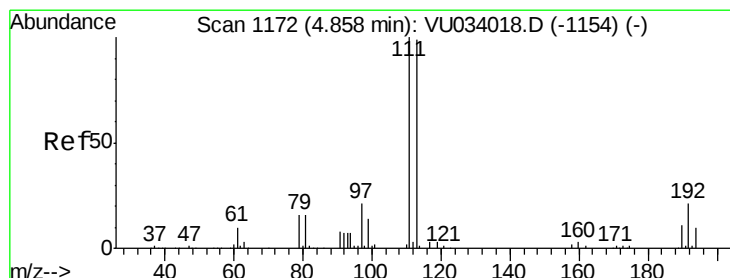
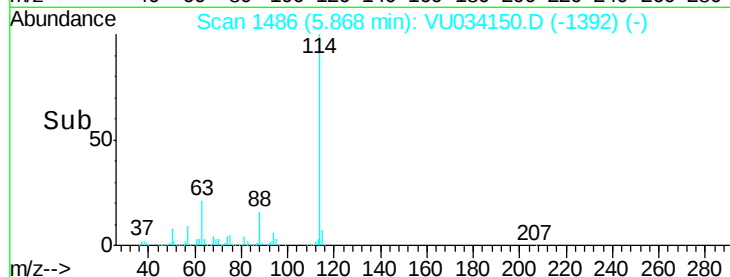
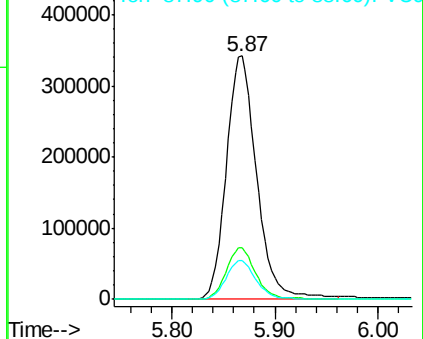
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034150.D
 Acq: 01 Sep 2019 02:56

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-F3-(1.9)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.0
88	16.1	0.0	32.0

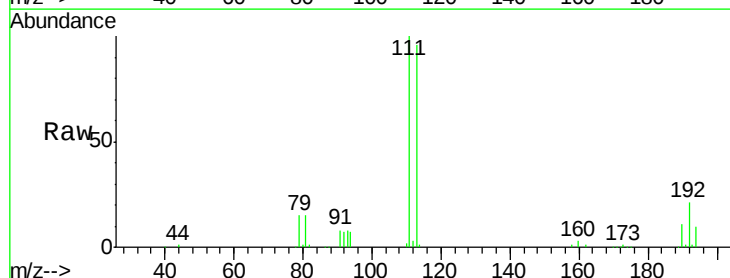


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

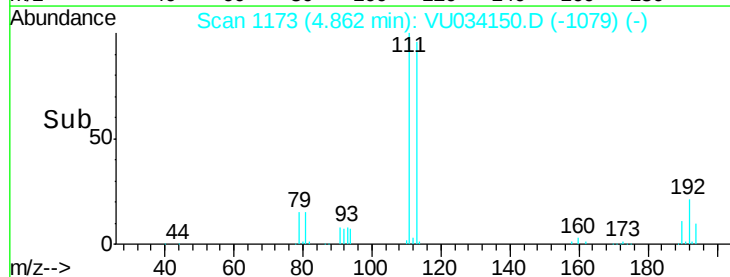
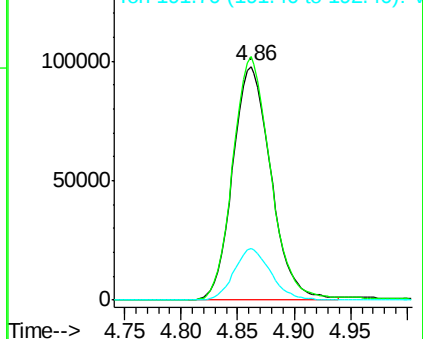


#35
 Dibromofluoromethane
 Concen: 47.475 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034150.D
 Acq: 01 Sep 2019 02:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.7	122.5
192	21.2	17.1	25.7



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

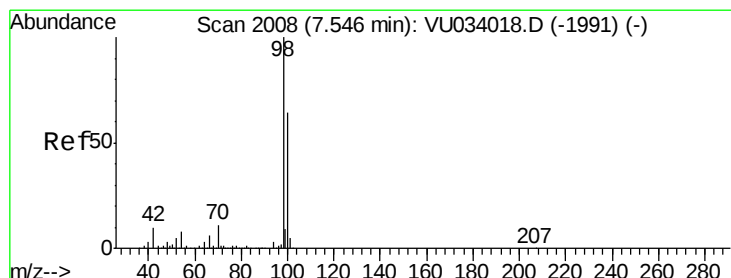
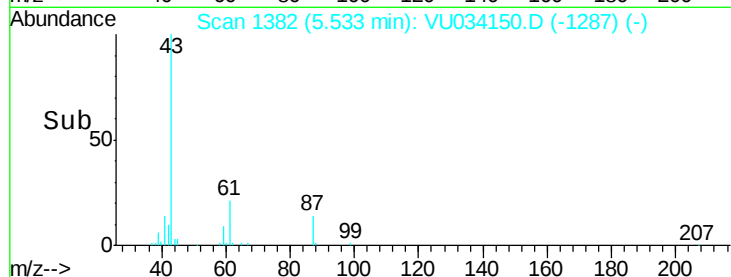
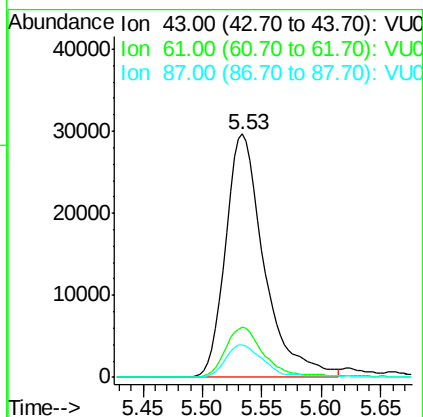
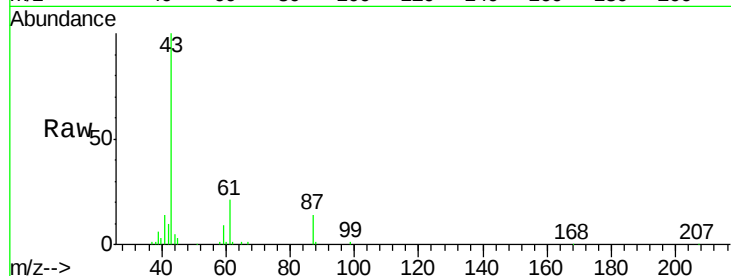




#43
Isopropyl Acetate
Concen: 5.912 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

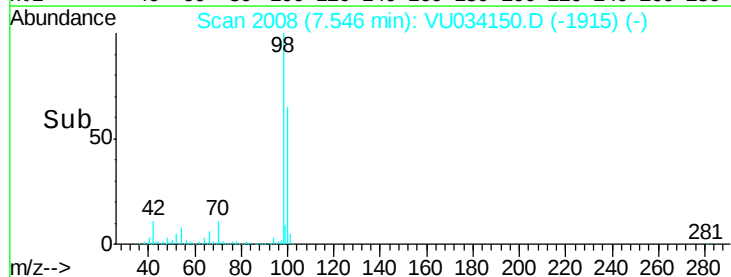
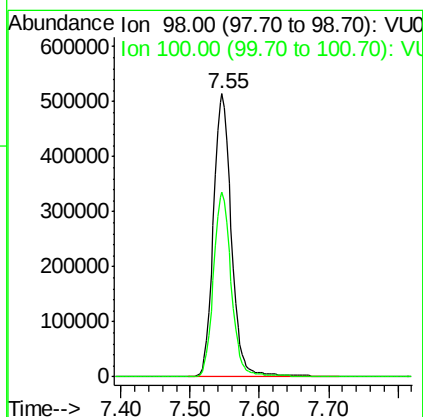
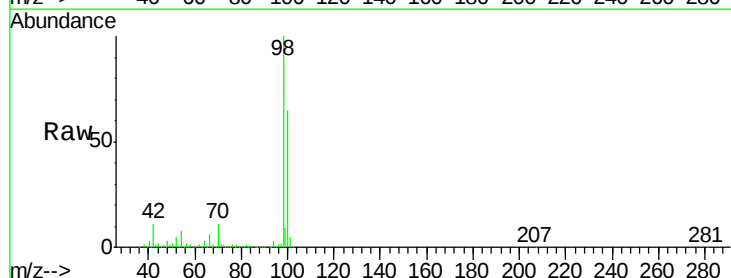
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-F3-(1.9)

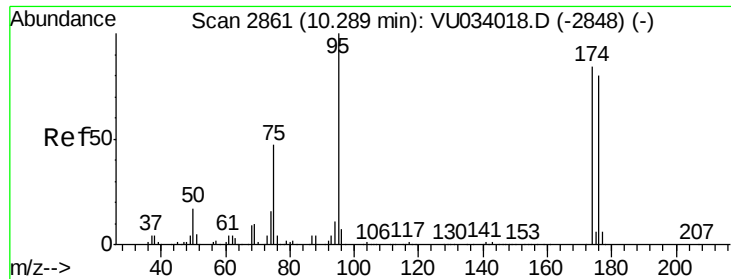
Tot Ion	43	Resp	66810
Ion Ratio	Lower	Upper	
43	100		
61	20.1	17.2	25.8
87	13.2	10.8	16.2



#50
Toluene-d8
Concen: 50.925 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion	98	Resp	927552
Ion Ratio	Lower	Upper	
98	100		
100	64.2	50.3	75.5

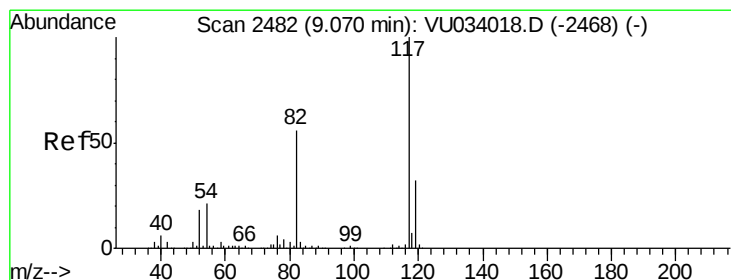
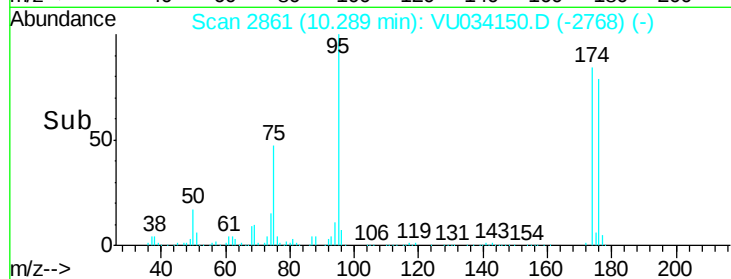
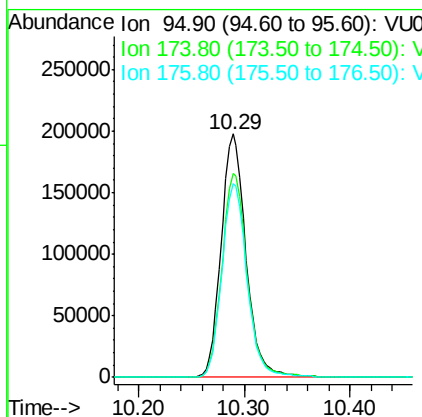
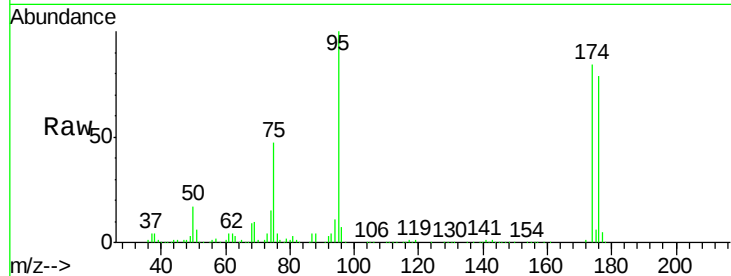




#62
4-Bromofluorobenzene
Concen: 45.551 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

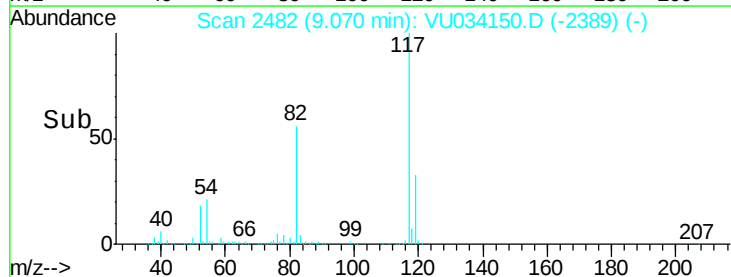
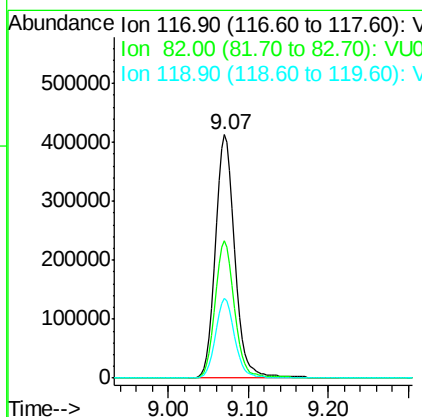
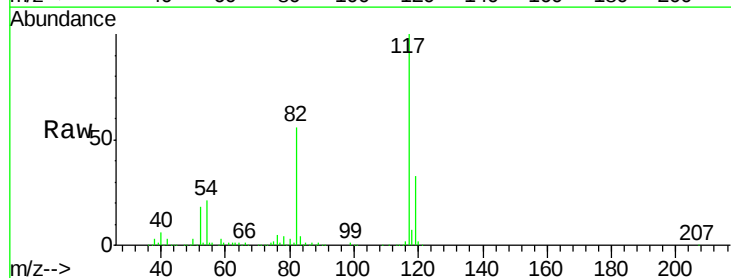
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T9-12-13-F3-(1.9)

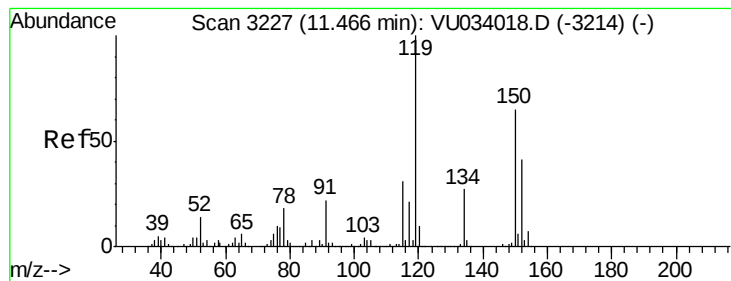
Tot Ion	95	Resp	322736
Ion Ratio	Lower	Upper	
95	100		
174	84.9	0.0	168.8
176	80.4	0.0	161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034150.D
Acq: 01 Sep 2019 02:56

Tgt Ion	117	Resp	700674
Ion Ratio	Lower	Upper	
117	100		
82	56.4	45.1	67.7
119	32.5	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: VU034150.D

Acq: 01 Sep 2019 02:56

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-F3-(1.9)

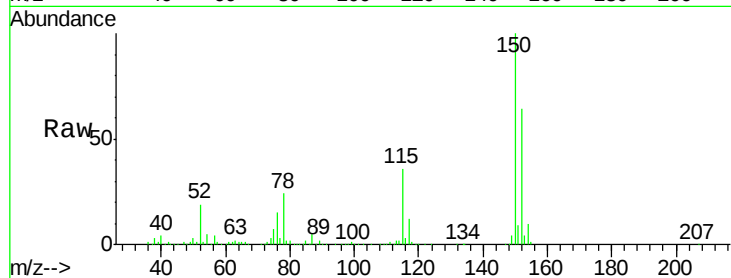
Tot Ion:152 Resp: 343405

Ion Ratio Lower Upper

152 100

115 57.2 41.1 123.3

150 158.3 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

