

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\  
 Data File : VU027035.D  
 Acq On : 22 Sep 2018 22:46  
 Operator : MD/SY  
 Sample : J4916-22  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 75 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 FC-DUP02-20180911

Quant Time: Sep 24 05:34:02 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U092218W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 22 01:31:57 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	90208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	152683	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	68933	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	94613	52.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.22%	
35) Dibromofluoromethane	4.89	113	64739	48.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.84%	
50) Toluene-d8	7.57	98	237569	47.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.20%	
62) 4-Bromofluorobenzene	10.31	95	78597	45.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.82%	

## Target Compounds

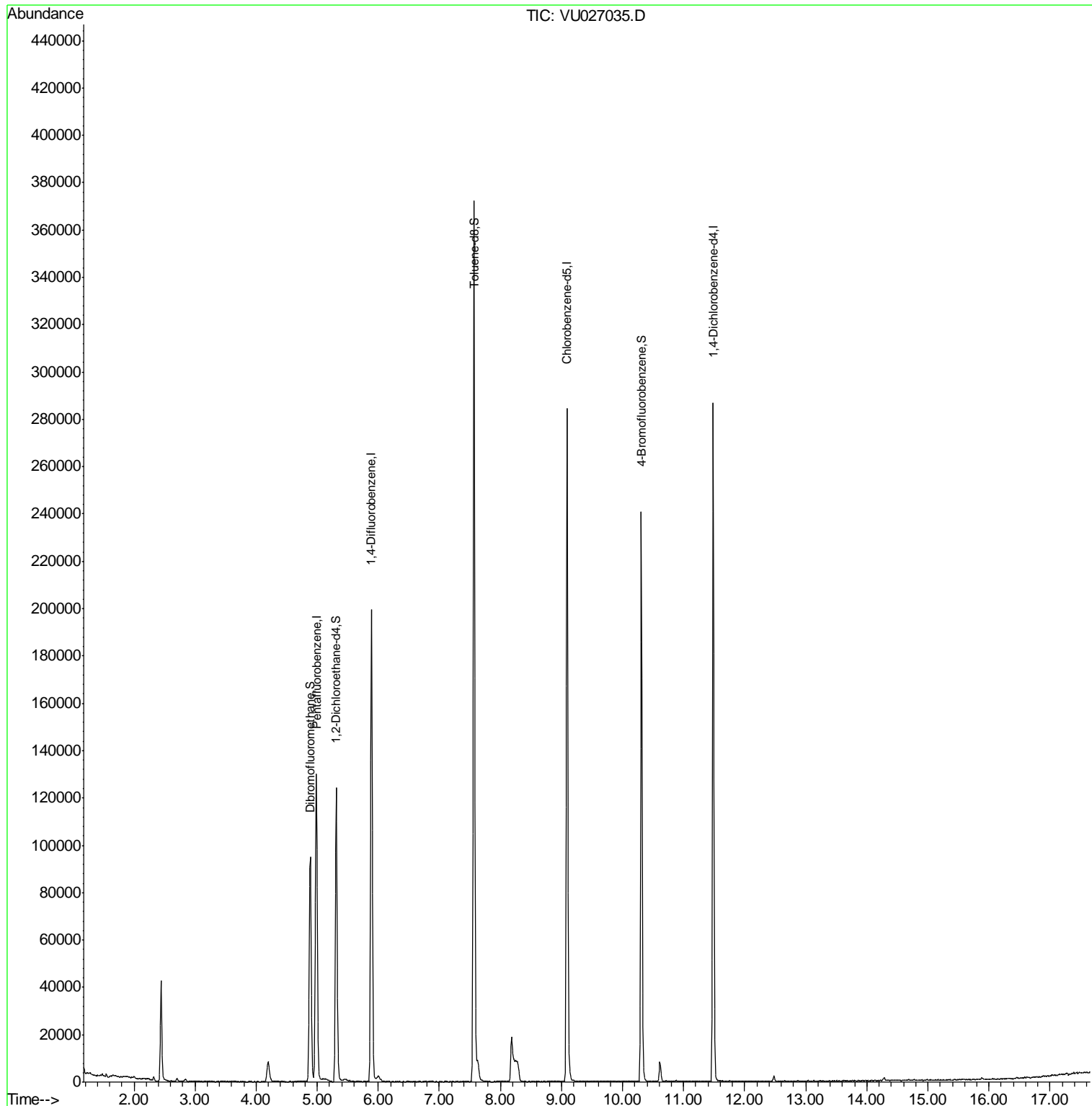
Qvalue

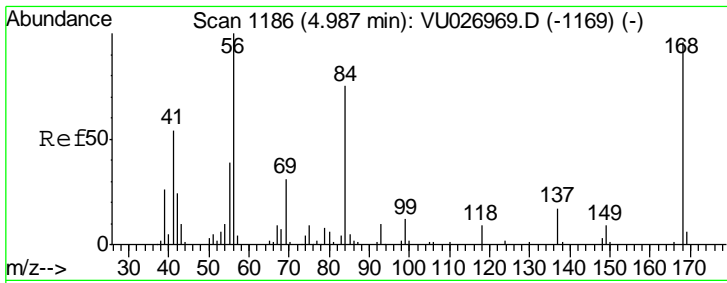
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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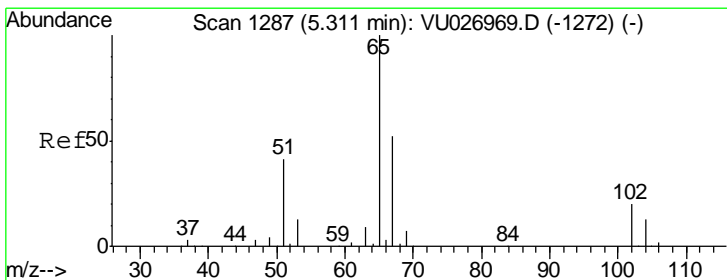
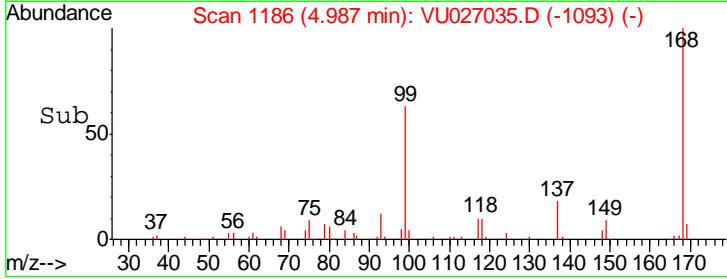
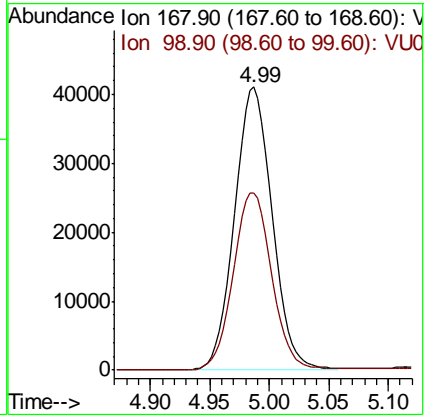
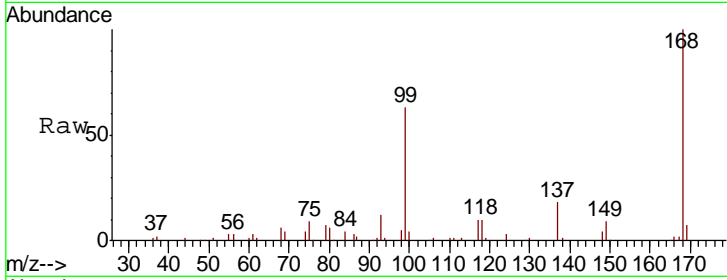




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 4.99 min Scan# 1186  
 Delta R.T. 0.00 min  
 Lab File: VU027035.D  
 Acq: 22 Sep 2018 22:46

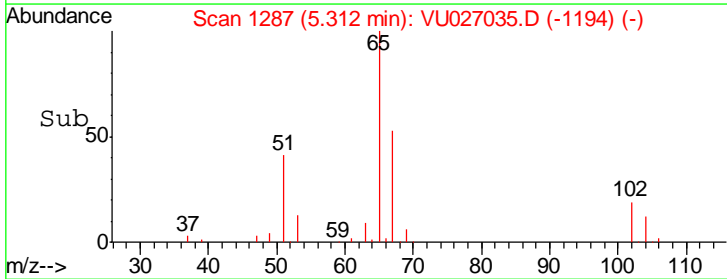
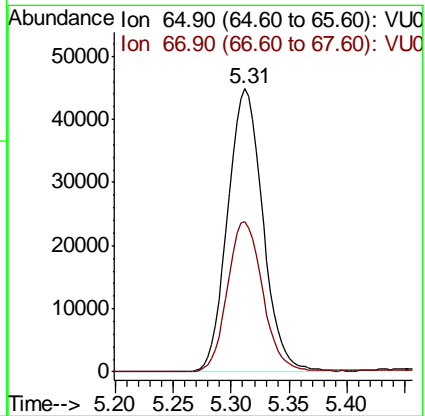
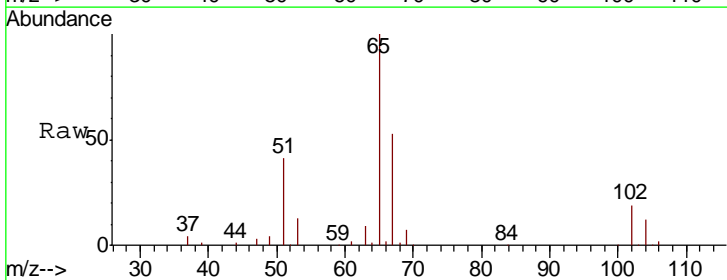
Instrument : MSVOA\_U  
 ClientSampled : FC-DUP02-20180911

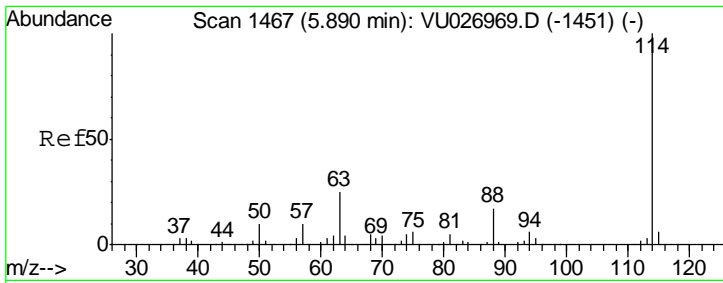
Tgt Ion: 168 Resp: 90208  
 Ion Ratio Lower Upper  
 168 100  
 99 62.7 48.1 72.1



#33  
 1,2-Dichloroethane-d4  
 Concen: 52.112 ug/l  
 RT: 5.31 min Scan# 1287  
 Delta R.T. 0.00 min  
 Lab File: VU027035.D  
 Acq: 22 Sep 2018 22:46

Tgt Ion: 65 Resp: 94613  
 Ion Ratio Lower Upper  
 65 100  
 67 52.9 0.0 105.6

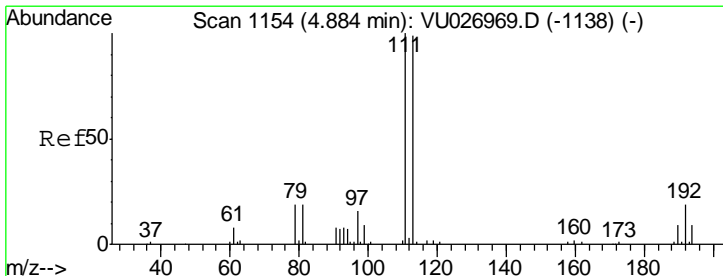
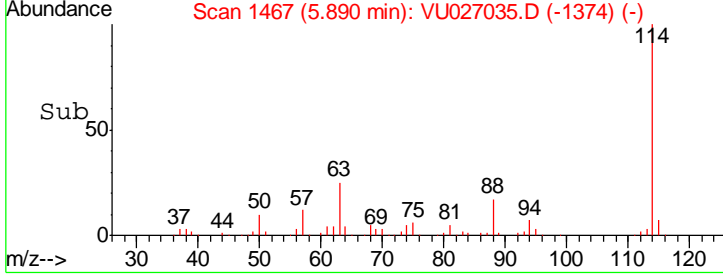
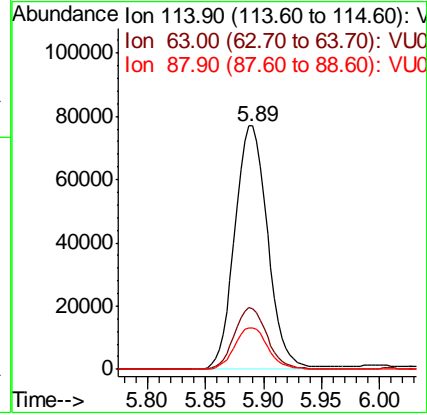
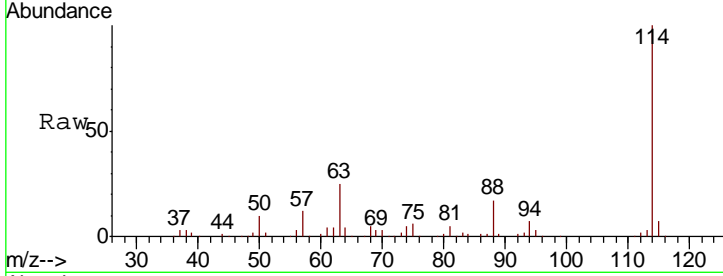




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.89 min Scan# 1467  
 Delta R.T. 0.00 min  
 Lab File: VU027035.D  
 Acq: 22 Sep 2018 22:46

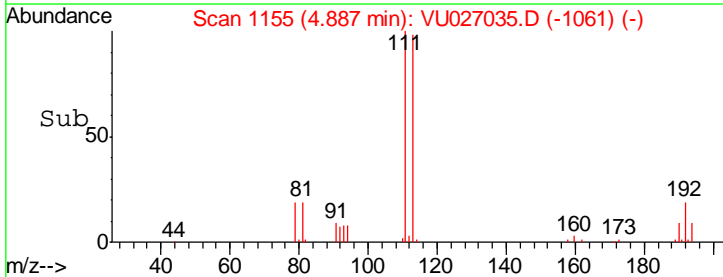
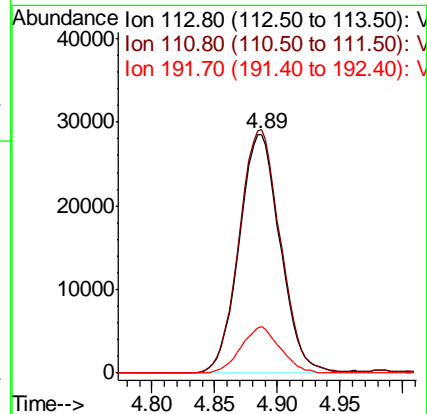
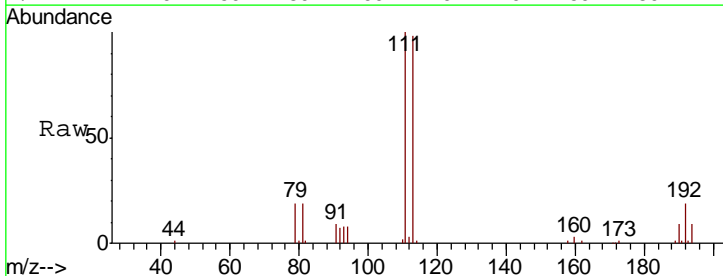
Instrument : MSVOA\_U  
 ClientSampleId : FC-DUP02-20180911

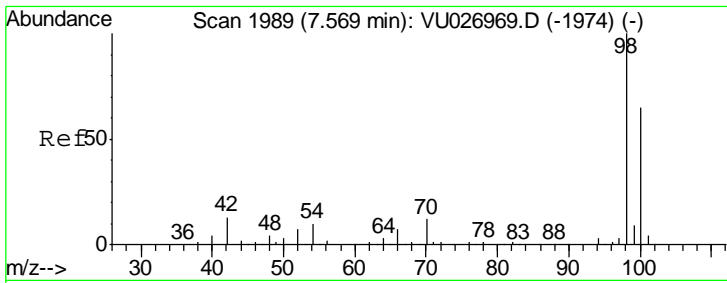
Tgt Ion	Resp	Lower	Upper
114	152683		
63	25.1	0.0	49.2
88	17.2	0.0	33.8



#35  
 Dibromofluoromethane  
 Concen: 48.917 ug/l  
 RT: 4.89 min Scan# 1155  
 Delta R.T. 0.00 min  
 Lab File: VU027035.D  
 Acq: 22 Sep 2018 22:46

Tgt Ion	Resp	Lower	Upper
113	64739		
111	103.1	82.2	123.4
192	18.6	15.2	22.8

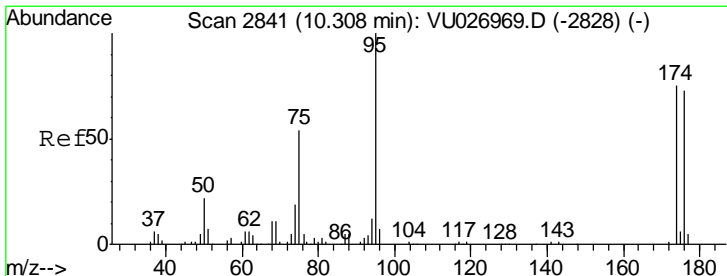
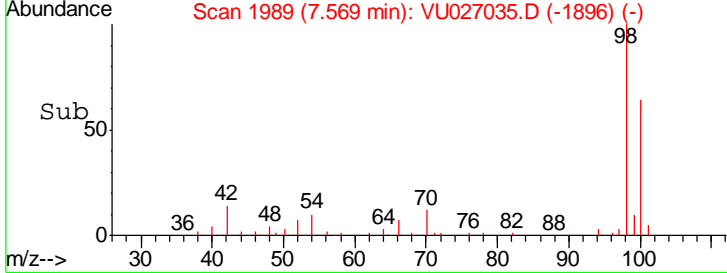
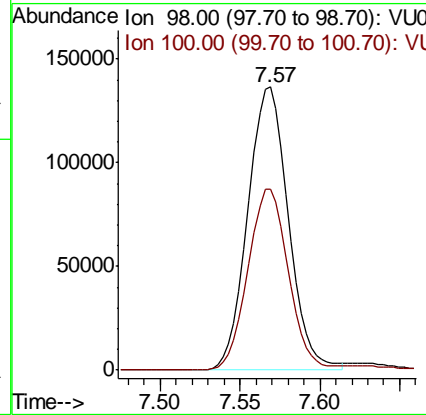
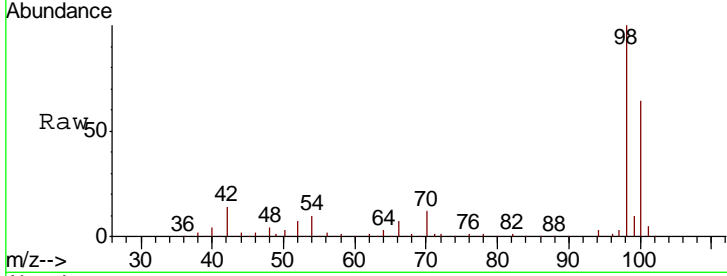




#50  
 Toluene-d8  
 Concen: 47.102 ug/l  
 RT: 7.57 min Scan# 1989  
 Delta R.T. 0.00 min  
 Lab File: VU027035.D  
 Acq: 22 Sep 2018 22:46

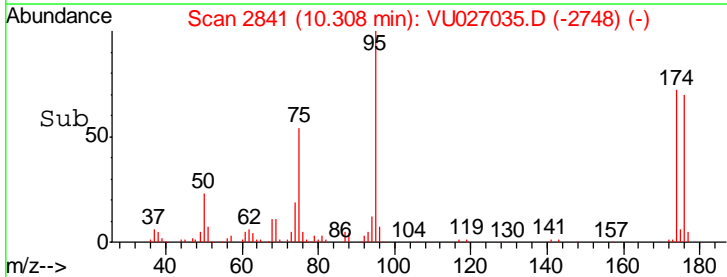
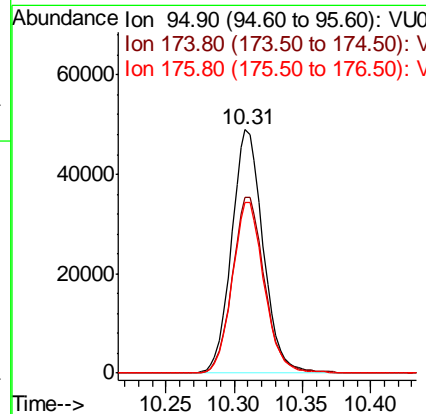
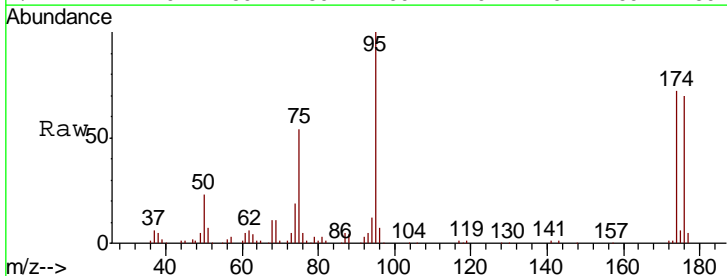
Instrument : MSVOA\_U  
 ClientSampled : FC-DUP02-20180911

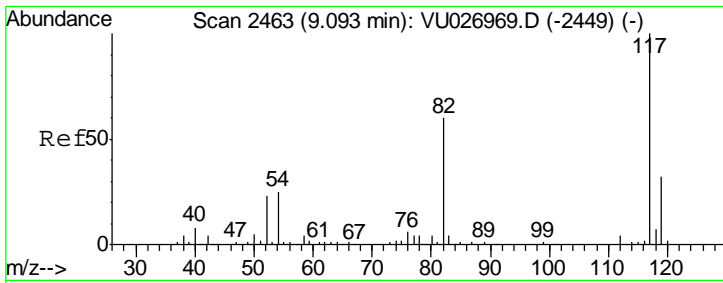
Tgt Ion	Resp	Lower	Upper
98	237569		
100	63.8	52.1	78.1



#62  
 4-Bromofluorobenzene  
 Concen: 45.414 ug/l  
 RT: 10.31 min Scan# 2841  
 Delta R.T. 0.00 min  
 Lab File: VU027035.D  
 Acq: 22 Sep 2018 22:46

Tgt Ion	Resp	Lower	Upper
95	78597		
174	74.0	0.0	150.2
176	71.1	0.0	145.2

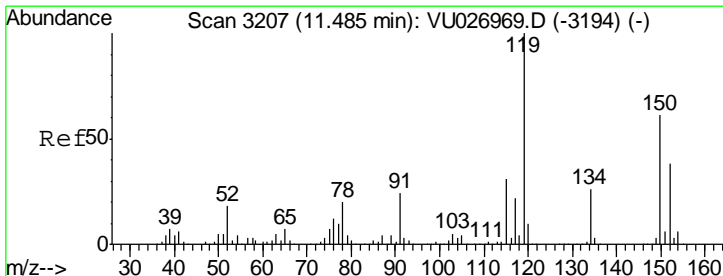
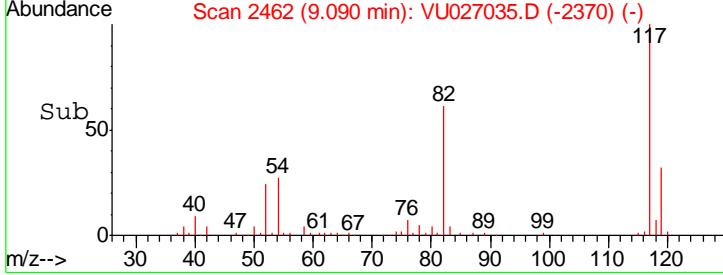
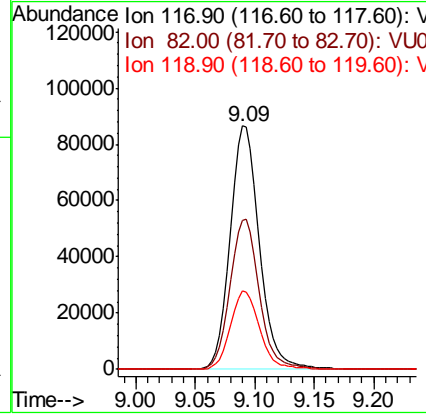
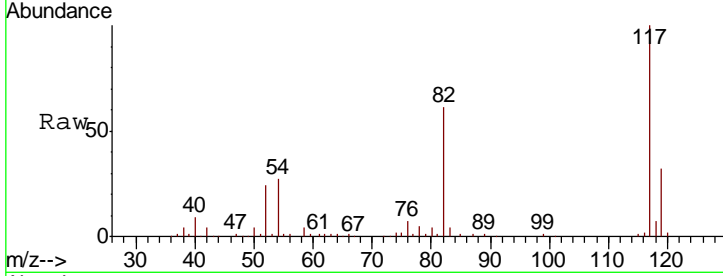




#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 9.09 min Scan# 2462  
 Delta R.T. -0.00 min  
 Lab File: VU027035.D  
 Acq: 22 Sep 2018 22:46

Instrument : MSVOA\_U  
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Tgt Ion	Resp	Lower	Upper
117	147550		
82	61.4	48.0	72.0
119	32.0	25.8	38.8



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 11.49 min Scan# 3207  
 Delta R.T. 0.00 min  
 Lab File: VU027035.D  
 Acq: 22 Sep 2018 22:46

Tgt Ion	Resp	Lower	Upper
152	68933		
115	60.3	44.9	134.5
150	156.8	0.0	355.8

