

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025173.D
 Acq On : 03 Jul 2018 04:38
 Operator : MD/SY
 Sample : J3809-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13-062818

Quant Time: Jul 03 07:07:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	213758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	318175	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	286902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154345	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	157823	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
35) Dibromofluoromethane	4.89	113	122949	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
50) Toluene-d8	7.57	98	450237	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
62) 4-Bromofluorobenzene	10.31	95	166513	43.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.08%	

Target Compounds

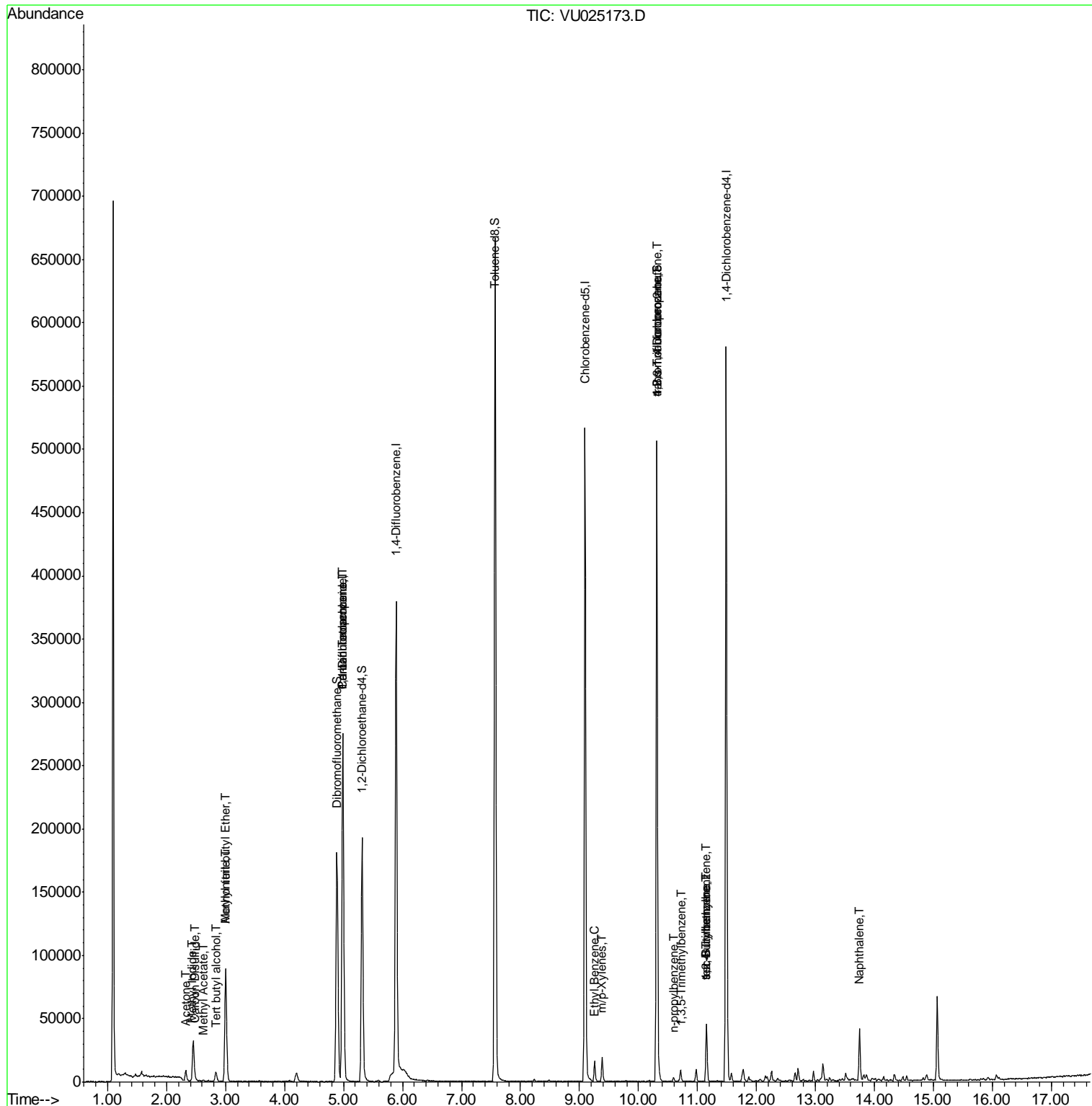
					Qvalue	
6) Chloroethane	1.68	64	80	Below Cal	#	43
10) Methyl Iodide	2.42	142	19	5.296	ug/l #	40
11) Tert butyl alcohol	2.83	59	7654	9.018	ug/l #	72
15) Acrylonitrile	3.00	53	1061	0.643	ug/l #	28
16) Acetone	2.33	43	8589	4.581	ug/l	98
17) Carbon Disulfide	2.48	76	1859	0.239	ug/l #	75
18) Methyl Acetate	2.63	43	1218	0.303	ug/l #	73
19) Methyl tert-butyl Ether	3.00	73	95733	10.464	ug/l	96
31) Cyclohexane	4.99	56	4113	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	15450	4.132	ug/l #	52
38) Carbon Tetrachloride	4.99	117	20675	5.029	ug/l #	16
67) Ethyl Benzene	9.26	91	11985	0.933	ug/l	93
68) m/p-Xylenes	9.38	106	5250	1.064	ug/l	93
76) 1,2,3-Trichloropropane	10.31	75	86914	25.577	ug/l #	35
78) n-propylbenzene	10.60	91	3322	0.238	ug/l	99
80) 1,3,5-Trimethylbenzene	10.71	105	6342	0.617	ug/l	77
81) trans-1,4-Dichloro-2-buten	10.31	75	86914	59.196	ug/l #	100
83) tert-Butylbenzene	11.15	119	3093	0.313	ug/l #	49
84) 1,2,4-Trimethylbenzene	11.15	105	24943	2.383	ug/l	100
85) sec-Butylbenzene	11.15	105	24943	2.017	ug/l #	57
95) Naphthalene	13.75	128	32593	3.512	ug/l	98

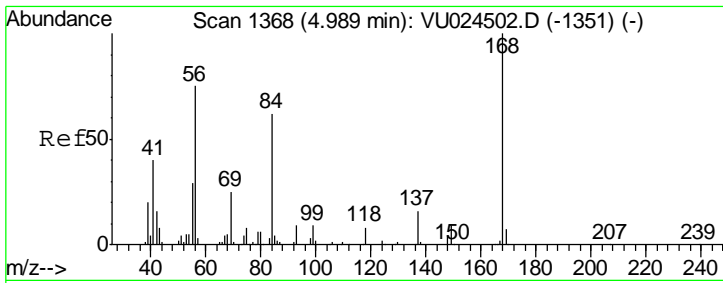
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025173.D
 Acq On : 03 Jul 2018 04:38
 Operator : MD/SY
 Sample : J3809-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sampled :
 MW-13-062818

Quant Time: Jul 03 07:07:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

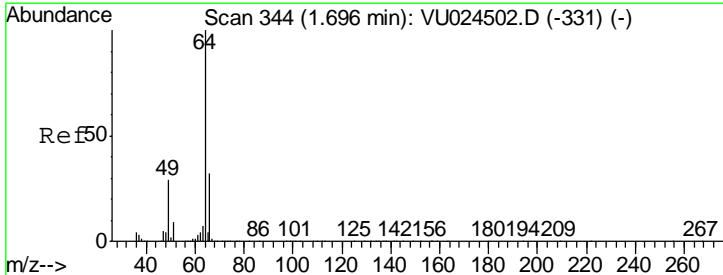
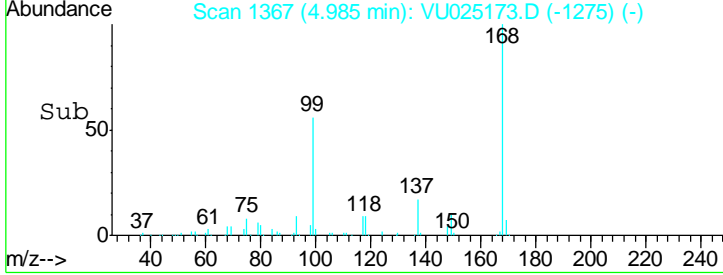
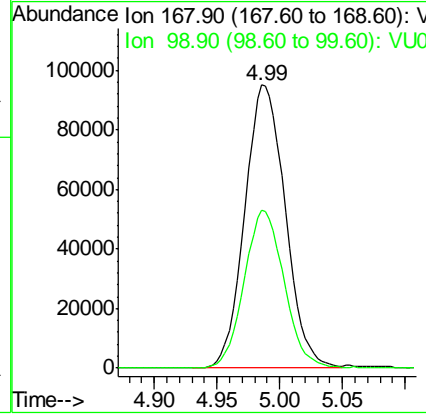
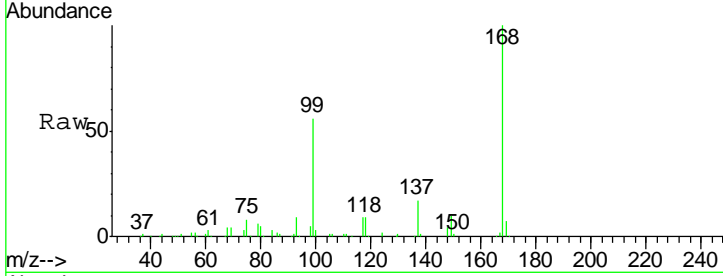




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

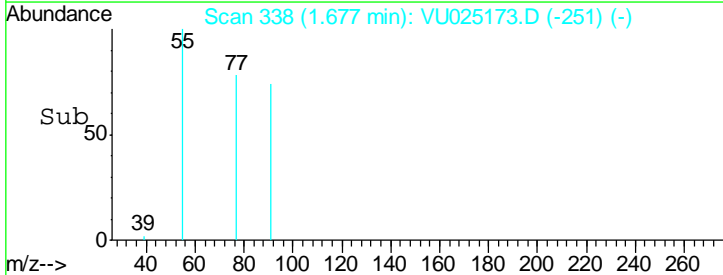
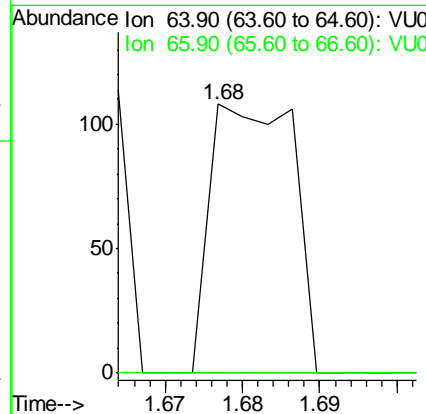
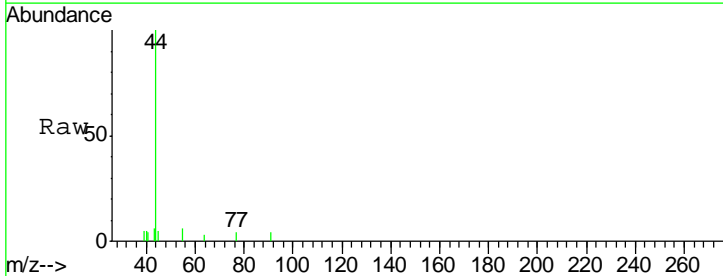
Instrument : MSVOA_U
 ClientSampled : MW-13-062818

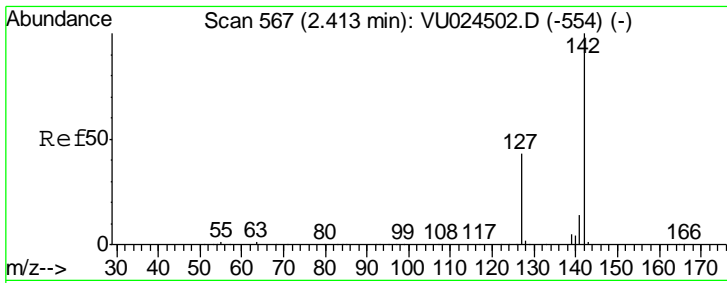
Tgt Ion	Resp	Lower	Upper
168	100		
99	55.7	43.2	64.8



#6
 Chloroethane
 Concen: Below Cal
 RT: 1.68 min Scan# 338
 Delta R.T. -0.02 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
64	100		
66	0.0	25.5	38.3#

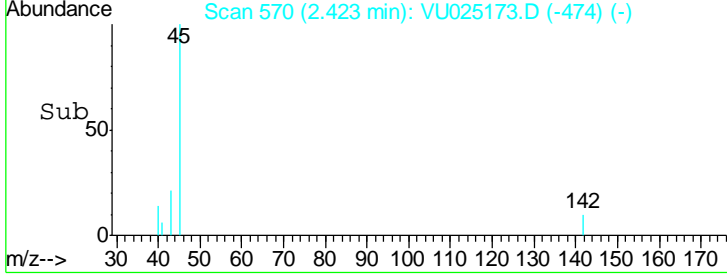
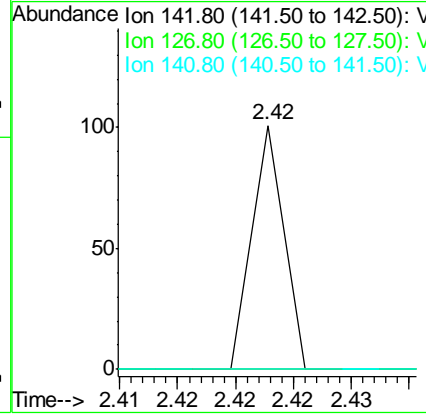
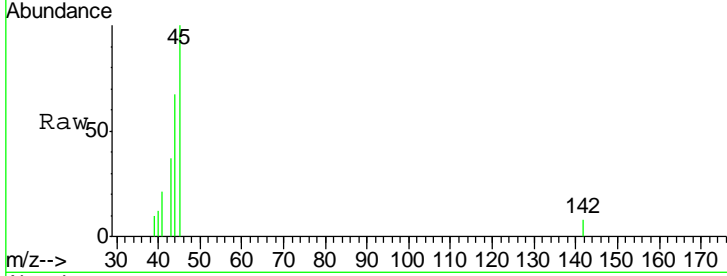




#10
 Methyl Iodide
 Concen: 5.296 ug/l
 RT: 2.42 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

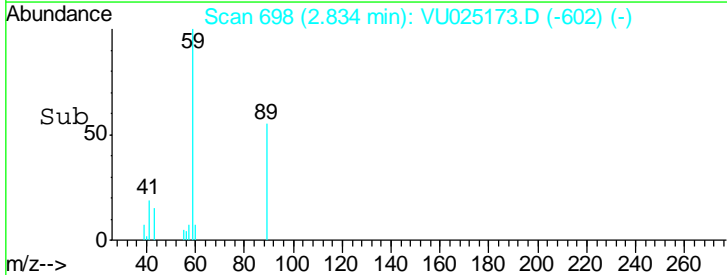
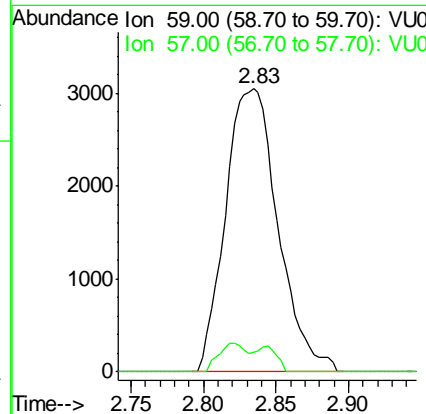
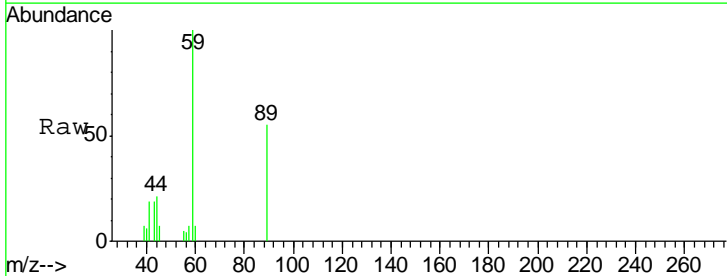
Instrument :
 MSVOA_U
ClientSampled :
 MW-13-062818

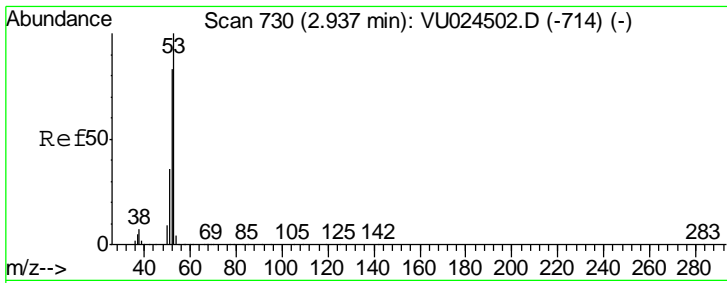
Tgt Ion	Resp	Lower	Upper
142	100		
127	0.0	35.6	53.4#
141	0.0	11.7	17.5#



#11
 Tert butyl alcohol
 Concen: 9.018 ug/l
 RT: 2.83 min Scan# 698
 Delta R.T. 0.01 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
59	100		
57	0.0	8.5	12.7#

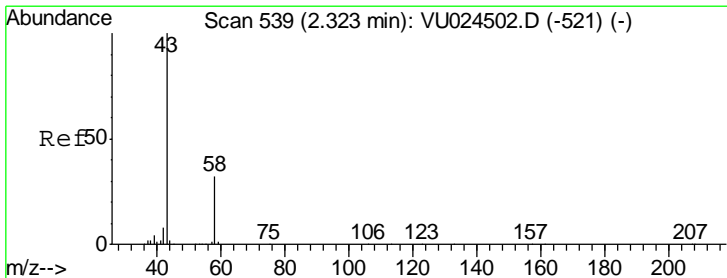
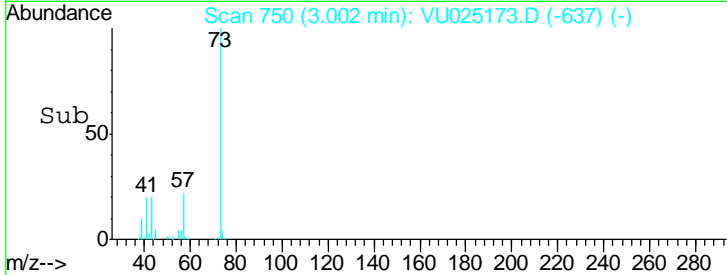
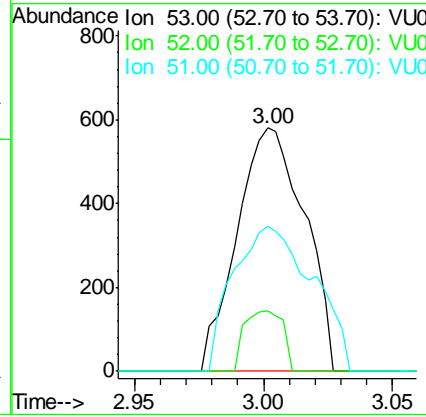
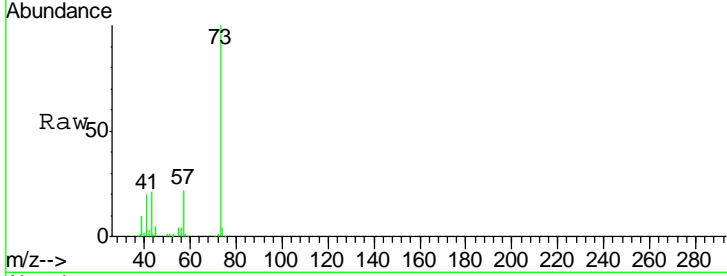




#15
 Acrylonitrile
 Concen: 0.643 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.06 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

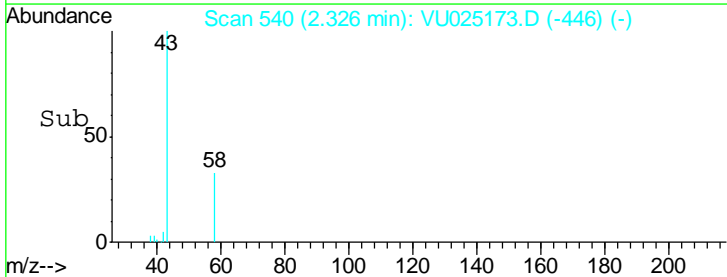
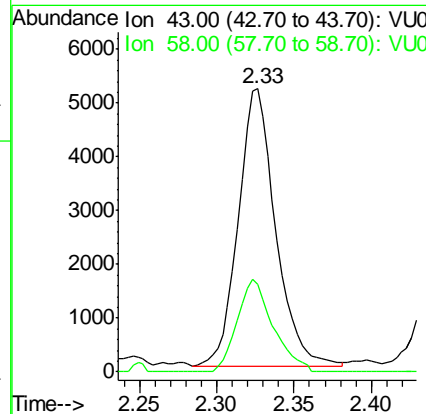
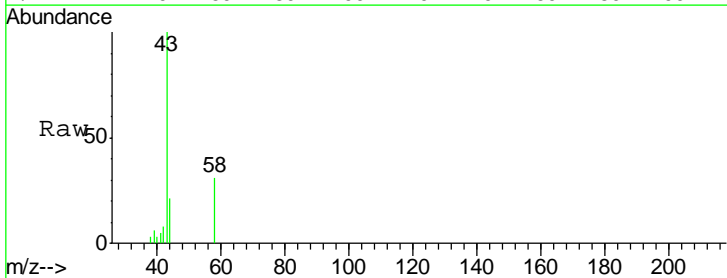
Instrument :
 MSVOA_U
 ClientSampled :
 MW-13-062818

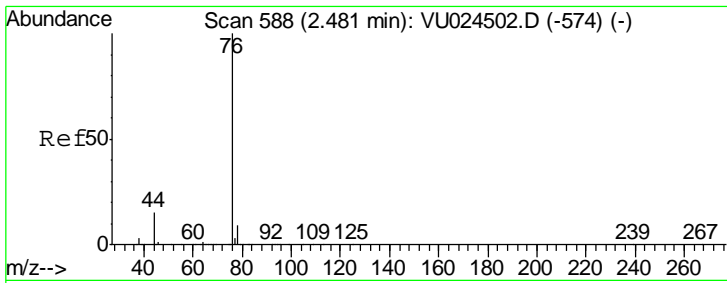
Tgt Ion	Resp	Lower	Upper
53	1061		
52	14.2	67.1	100.7#
51	70.5	28.4	42.6#



#16
 Acetone
 Concen: 4.581 ug/l
 RT: 2.33 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
43	8589		
58	31.6	24.4	36.6

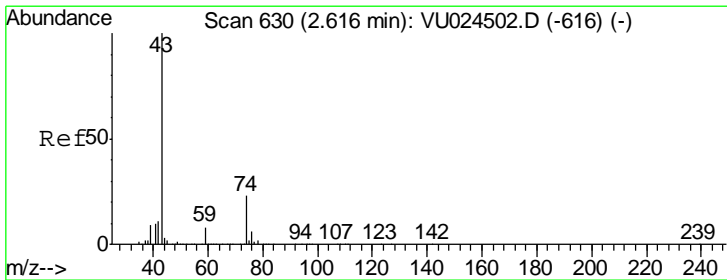
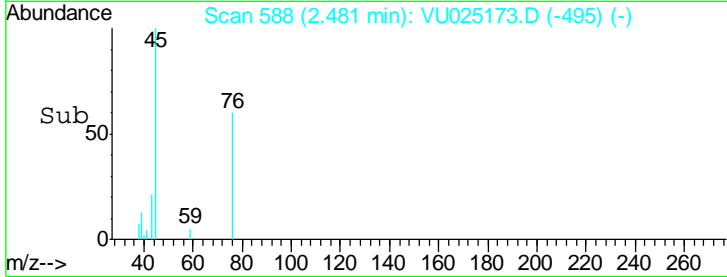
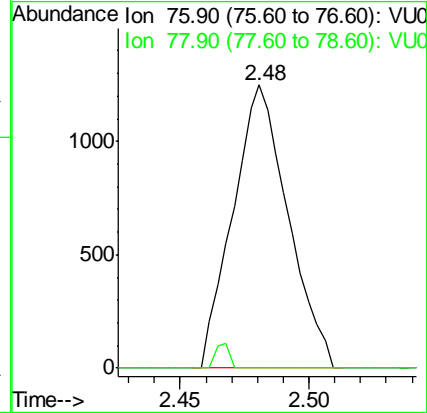
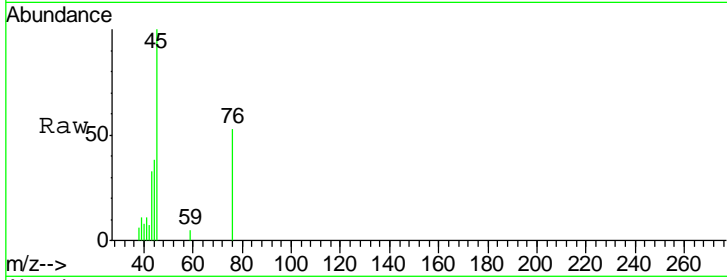




#17
 Carbon Disulfide
 Concen: 0.239 ug/l
 RT: 2.48 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

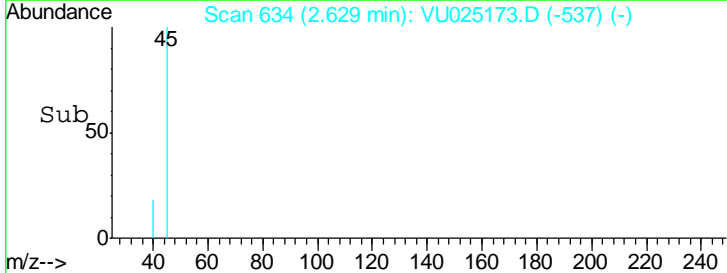
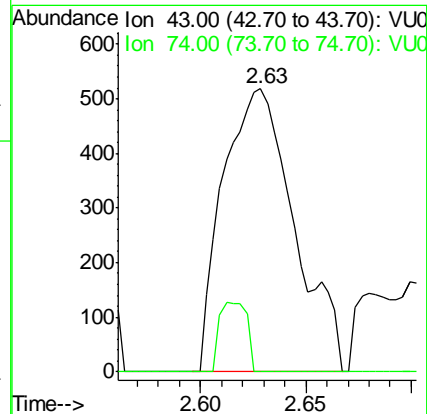
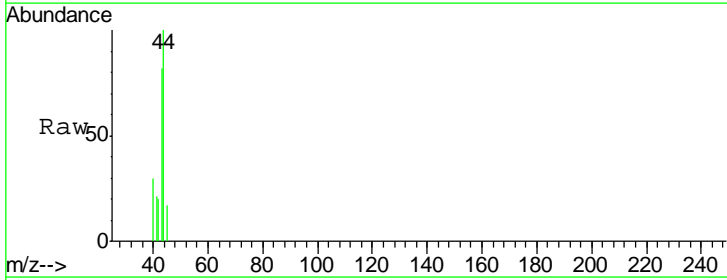
Instrument :
 MSVOA_U
 ClientSampled :
 MW-13-062818

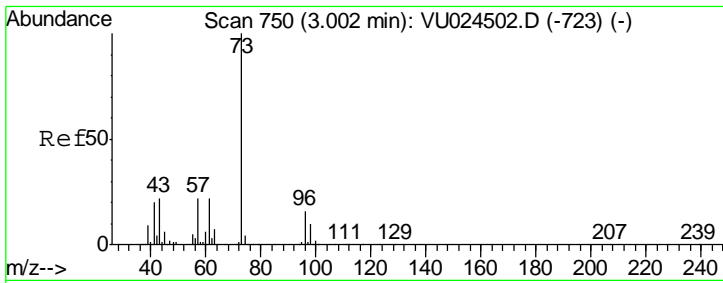
Tgt Ion	Resp	Lower	Upper
76	1859		
78	0.0	7.1	10.7#



#18
 Methyl Acetate
 Concen: 0.303 ug/l
 RT: 2.63 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
43	1218		
74	9.3	18.0	27.0#

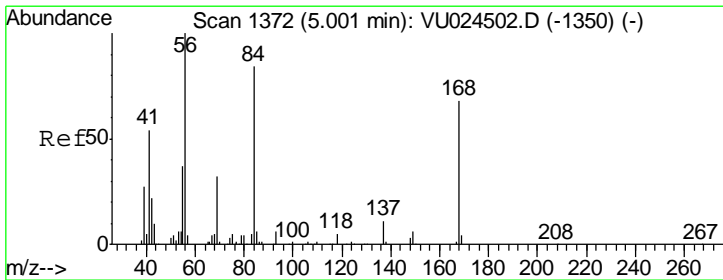
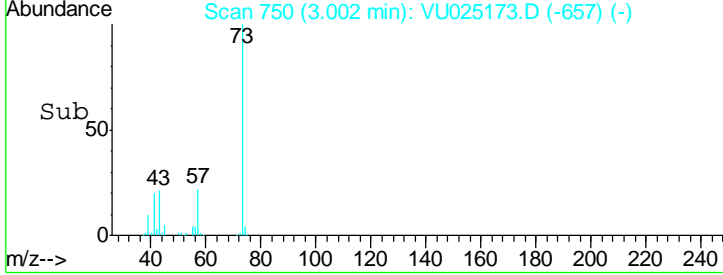
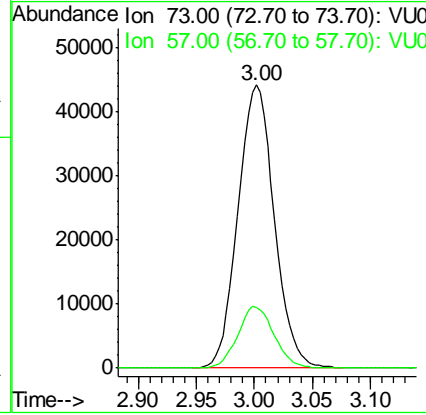
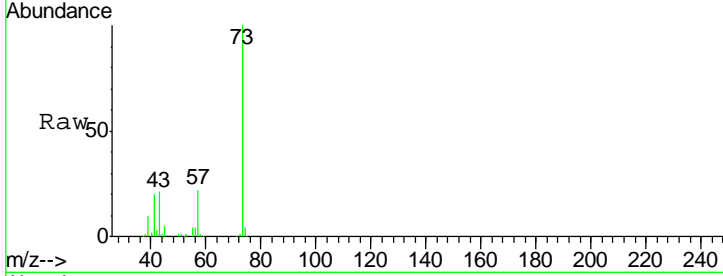




#19
 Methyl tert-butyl Ether
 Concen: 10.464 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

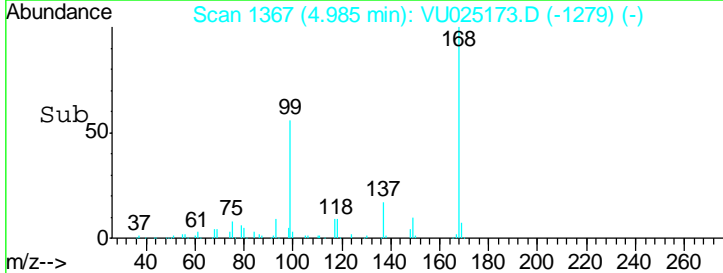
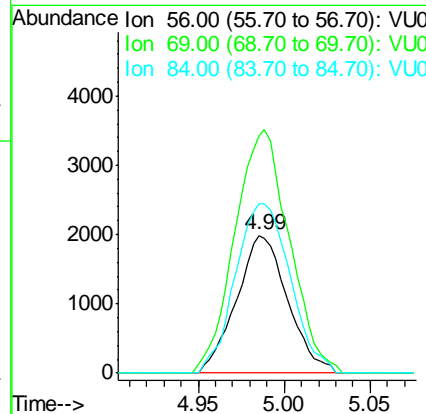
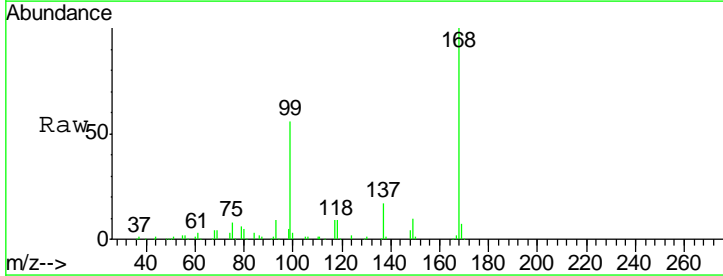
Instrument :
 MSVOA_U
ClientSampleId :
 MW-13-062818

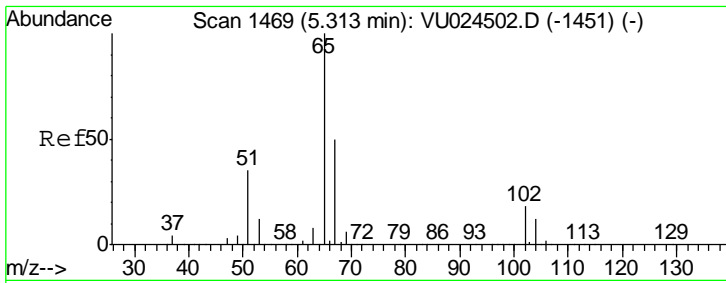
Tgt Ion	Resp	Lower	Upper
73	95733		
57	21.5	18.8	28.2



#31
 Cyclohexane
 Concen: Below Cal
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.02 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
56	4113		
69	172.3	24.8	37.2#
84	122.6	65.2	97.8#

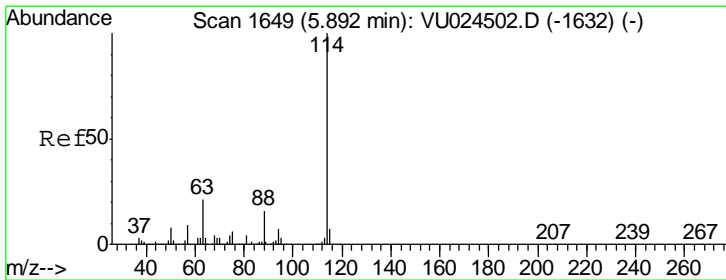
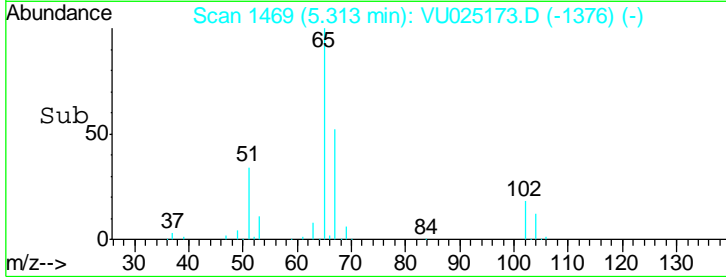
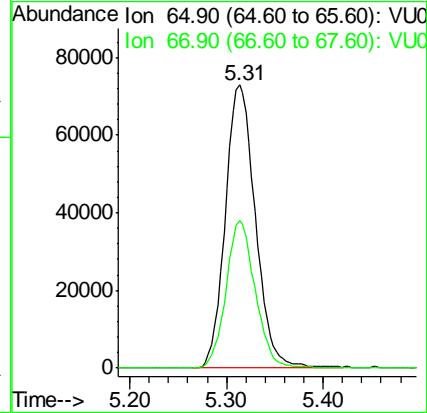
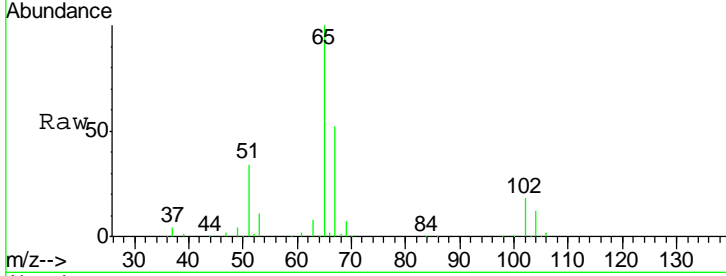




#33
 1,2-Dichloroethane-d4
 Concen: 45.226 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

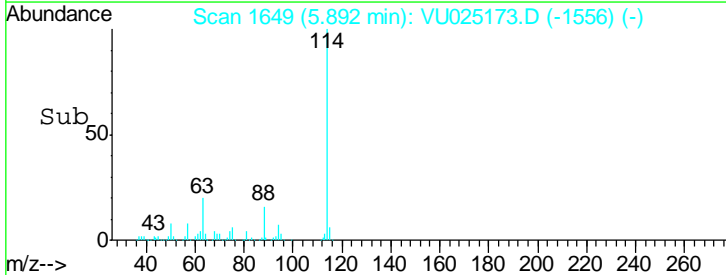
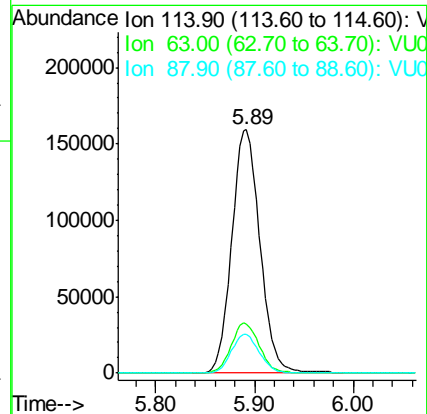
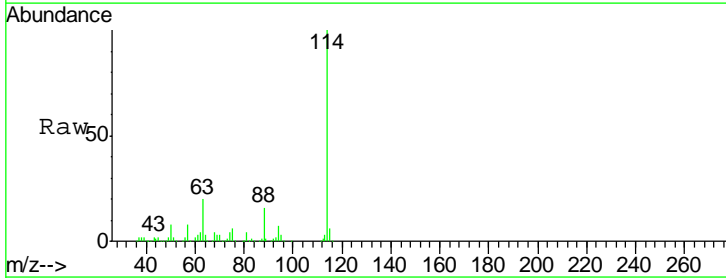
Instrument :
 MSVOA_U
 ClientSampled :
 MW-13-062818

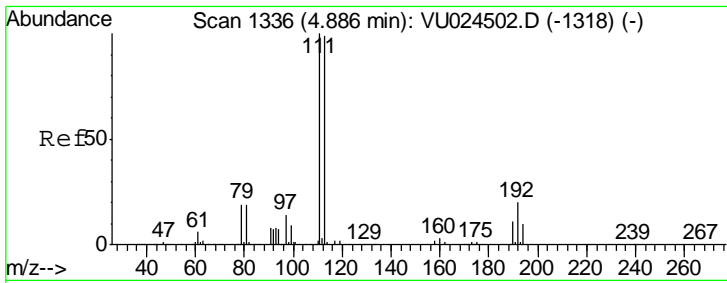
Tgt Ion	Resp	Lower	Upper
65	157823		
67	50.2	0.0	107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
114	318175		
63	20.2	0.0	45.4
88	15.9	0.0	31.0

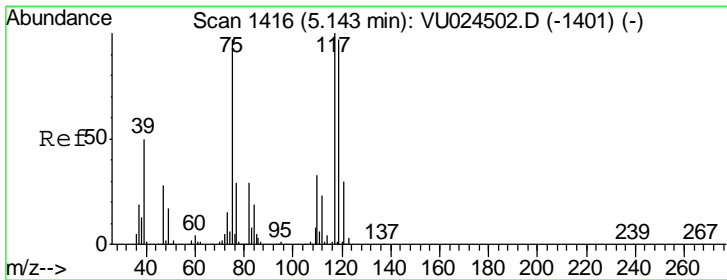
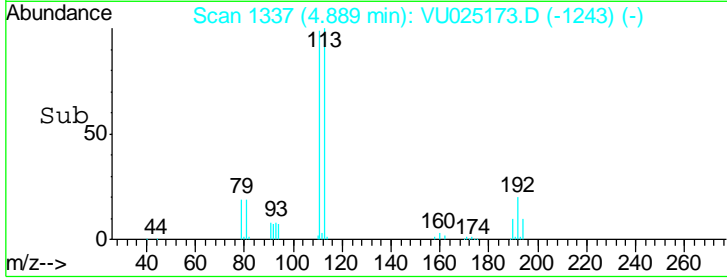
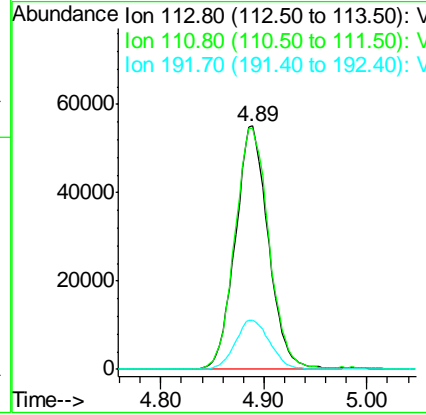
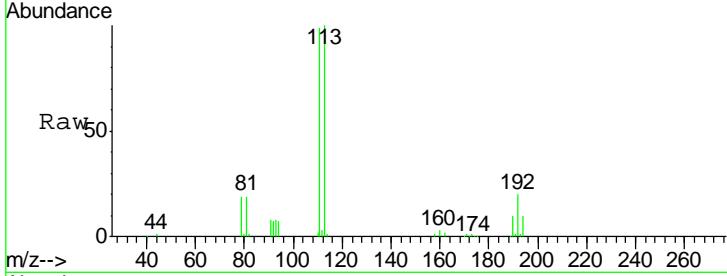




#35
 Dibromofluoromethane
 Concen: 46.561 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

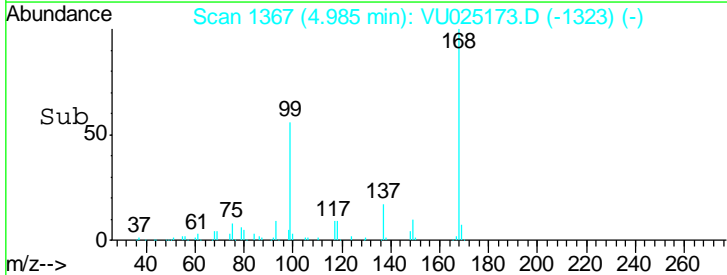
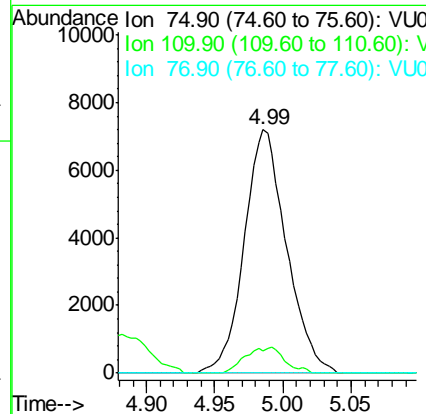
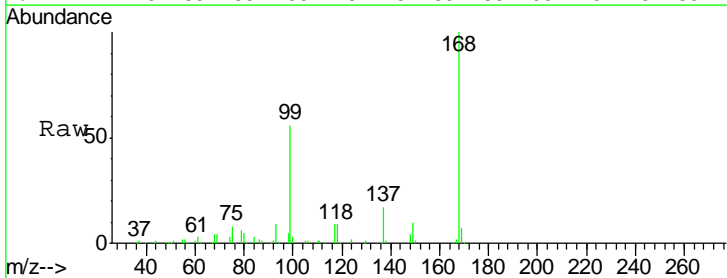
Instrument :
 MSVOA_U
 ClientSampled :
 MW-13-062818

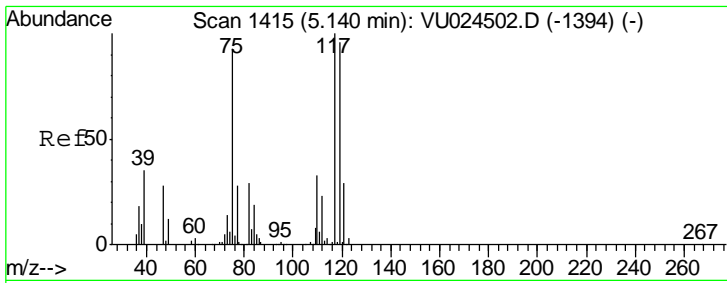
Tgt Ion	Resp	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	21.1	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 4.132 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.16 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
75	100		
110	10.0	17.0	50.9#
77	0.0	24.2	36.4#

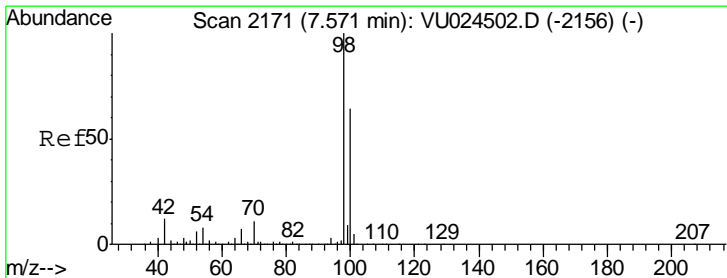
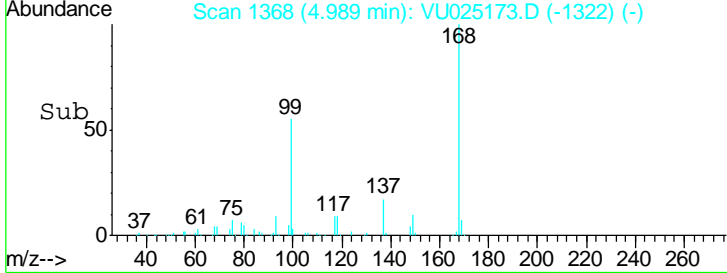
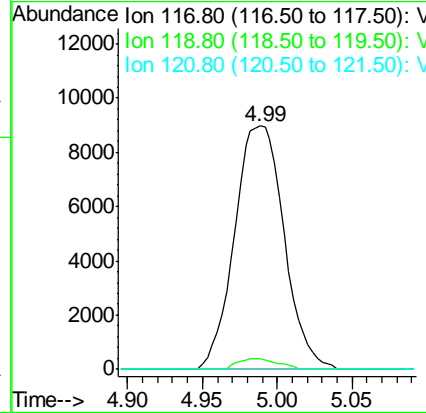
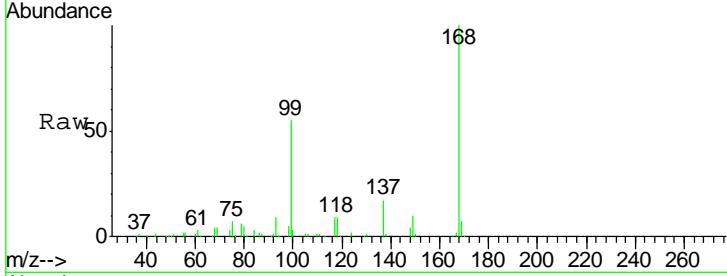




#38
 Carbon Tetrachloride
 Concen: 5.029 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

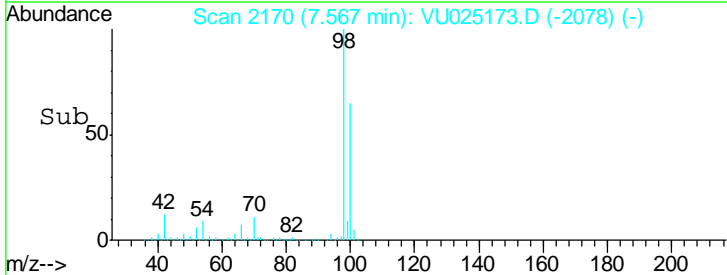
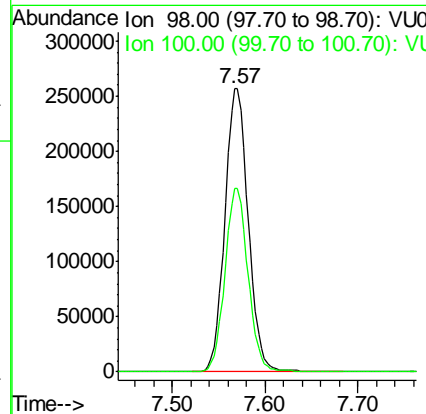
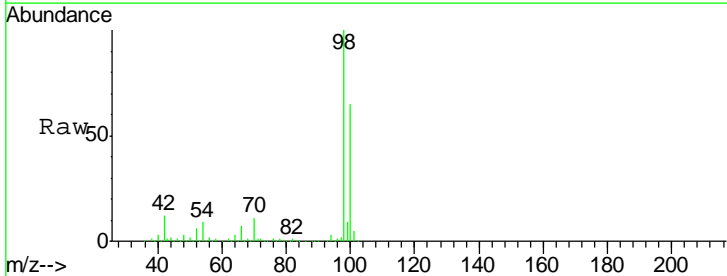
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13-062818

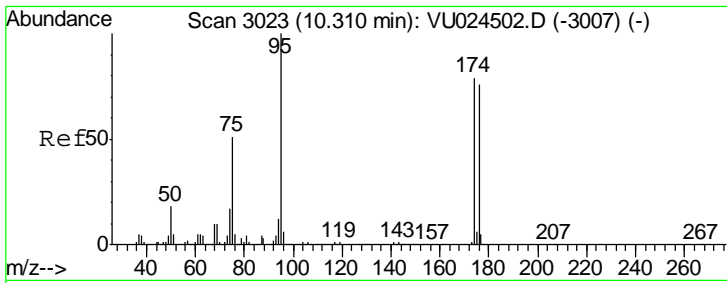
Tgt Ion	Resp	Lower	Upper
117	100		
119	4.2	76.1	114.1#
121	0.0	23.7	35.5#



#50
 Toluene-d8
 Concen: 46.745 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
98	100		
100	63.9	51.1	76.7

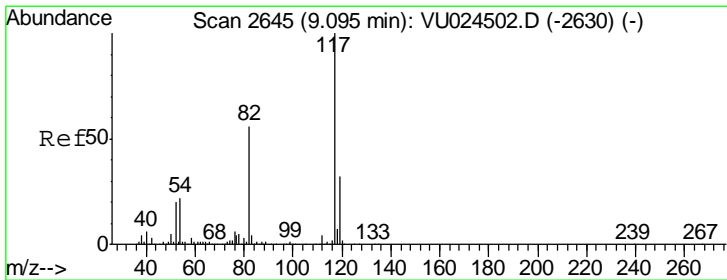
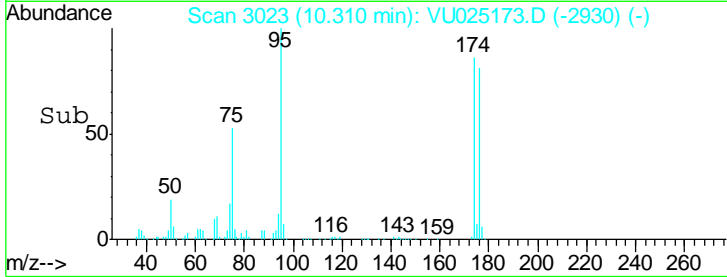
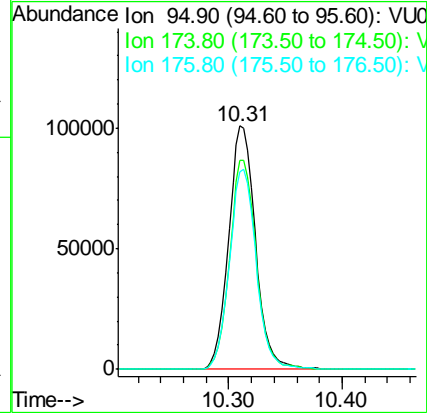
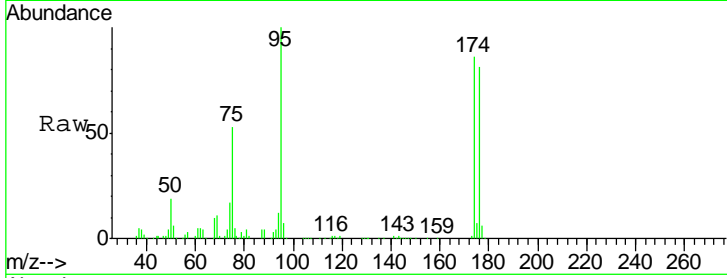




#62
 4-Bromofluorobenzene
 Concen: 43.541 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

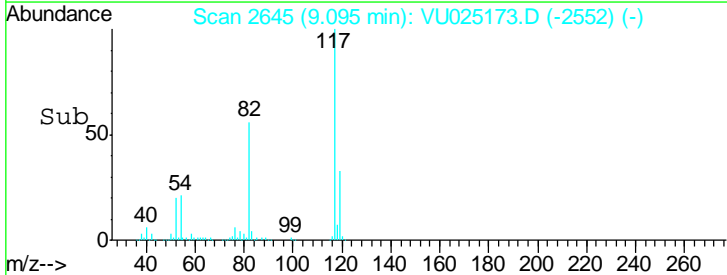
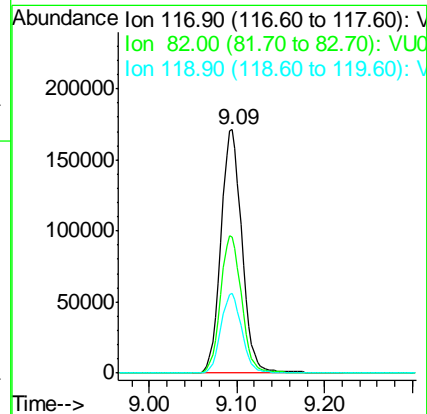
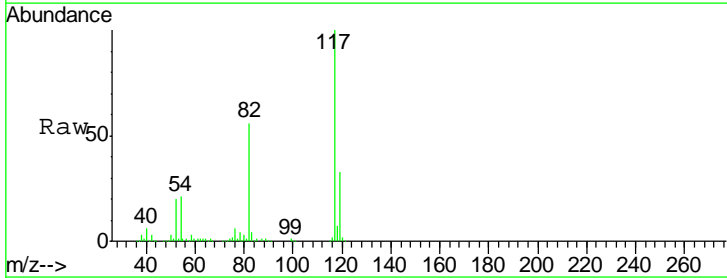
Instrument :
 MSVOA_U
 ClientSampled :
 MW-13-062818

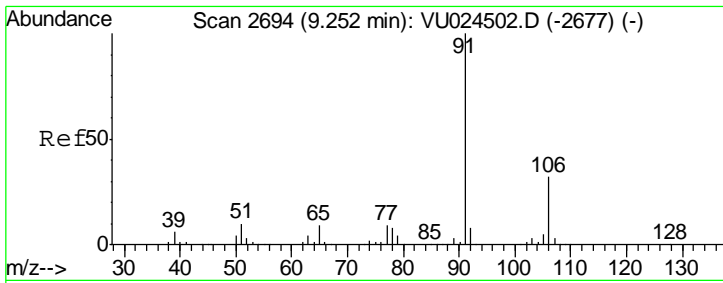
Tgt Ion	Resp	Lower	Upper
95	166513		
174	85.2	0.0	165.8
176	82.0	0.0	159.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2645
 Delta R.T. -0.00 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
117	286902		
82	56.0	44.3	66.5
119	32.7	25.4	38.2

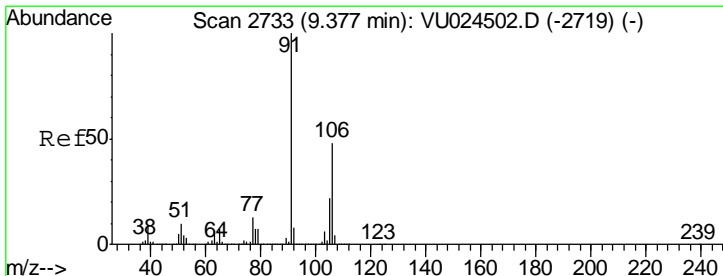
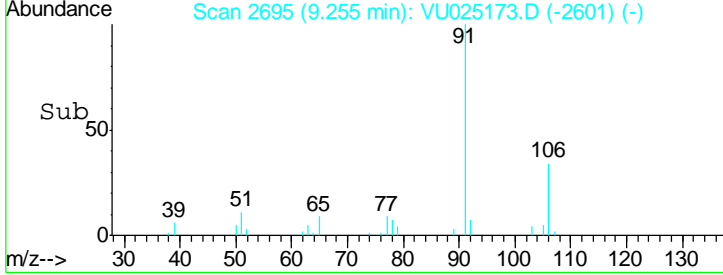
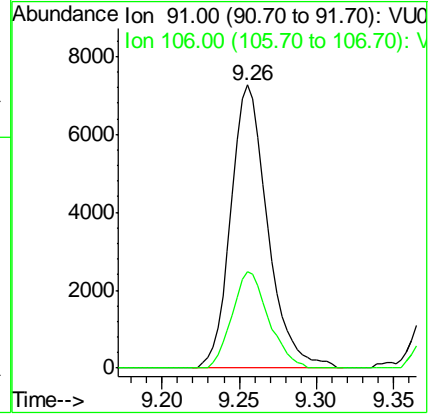
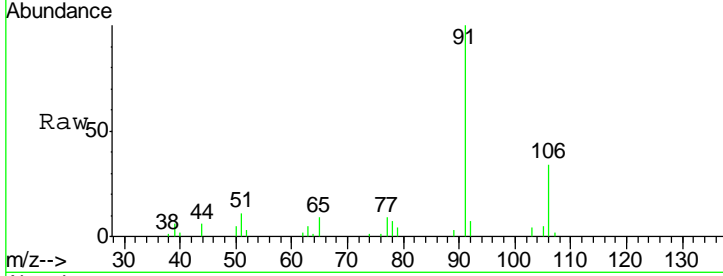




#67
Ethyl Benzene
Concen: 0.933 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025173.D
Acq: 03 Jul 2018 04:38

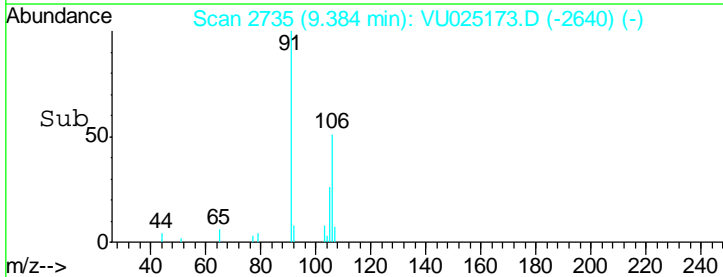
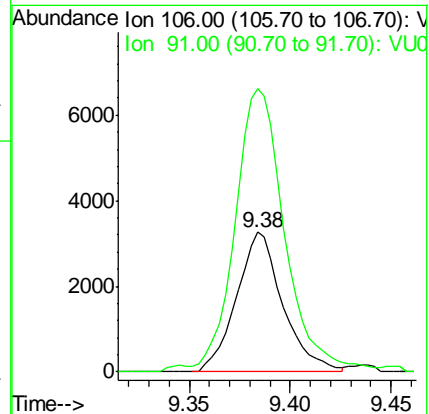
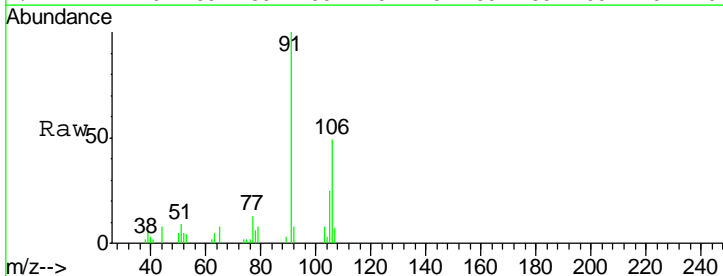
Instrument : MSVOA_U
ClientSampled : VU025173.D
MW-13-062818

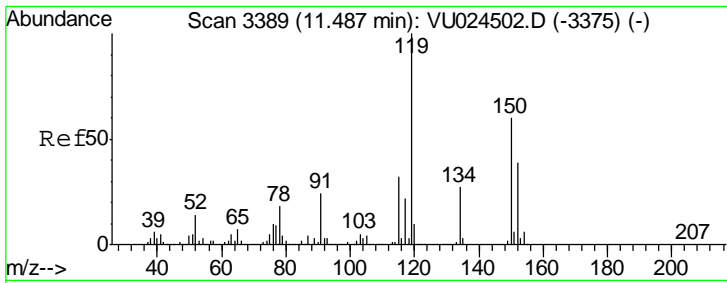
Tgt Ion	Resp	Lower	Upper
91	11985		
106	34.3	24.2	36.4



#68
m/p-Xylenes
Concen: 1.064 ug/l
RT: 9.38 min Scan# 2735
Delta R.T. 0.01 min
Lab File: VU025173.D
Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
106	5250		
91	219.2	166.5	249.7

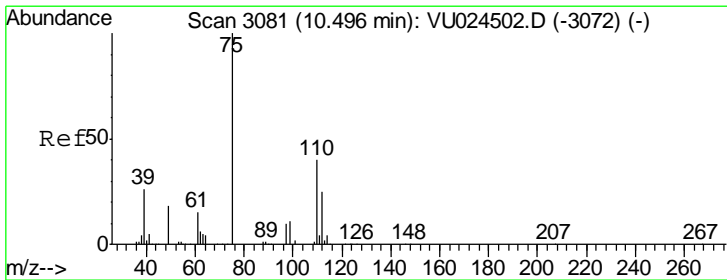
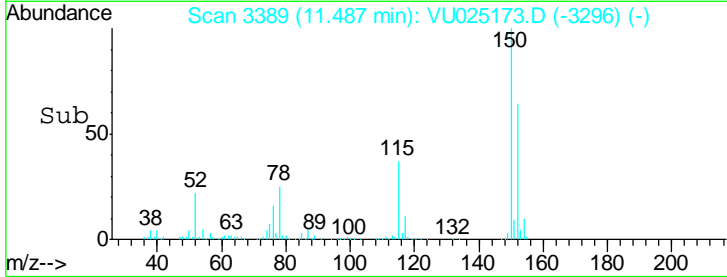
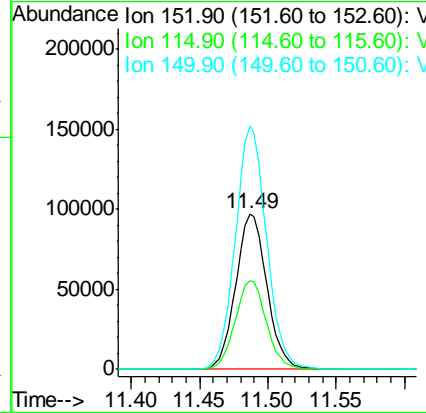
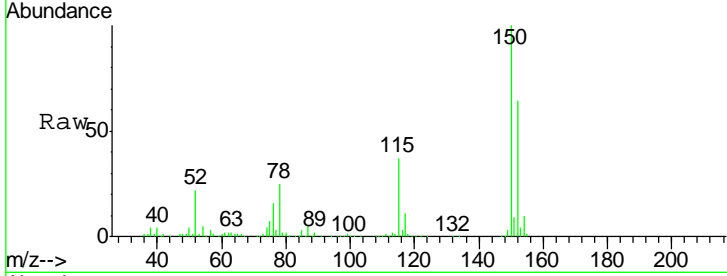




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

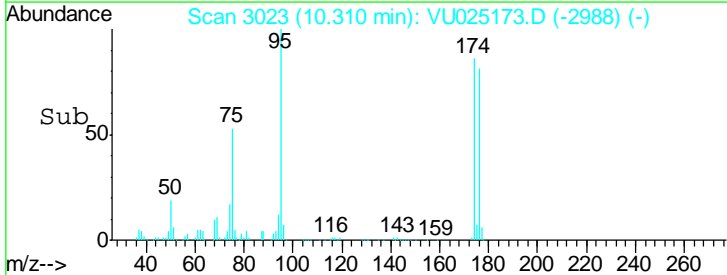
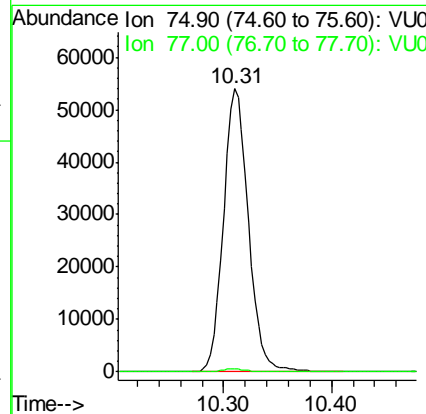
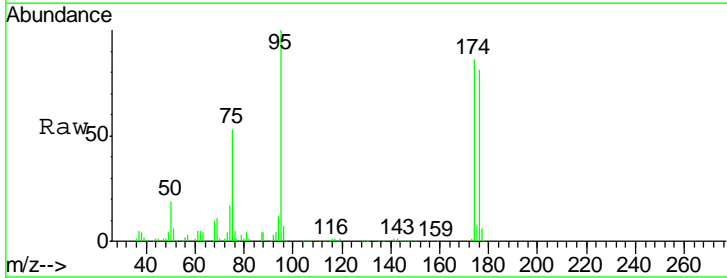
Instrument :
 MSVOA_U
 ClientSampled :
 MW-13-062818

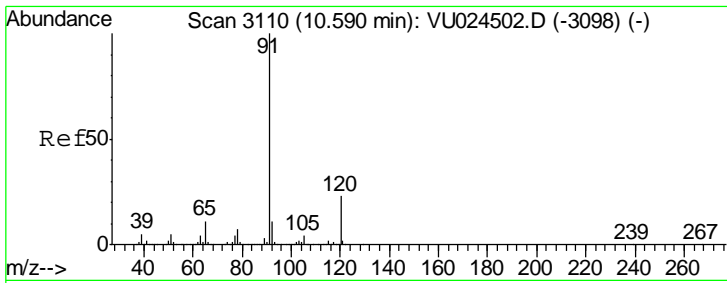
Tgt Ion	Resp	Lower	Upper
152	100		
115	57.2	43.0	129.0
150	156.1	0.0	354.0



#76
 1,2,3-Trichloropropane
 Concen: 25.577 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
75	100		
77	0.9	20.9	62.7#

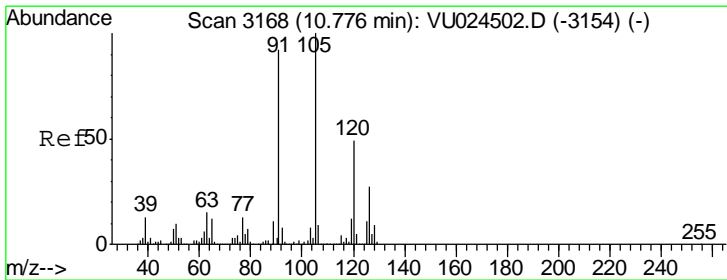
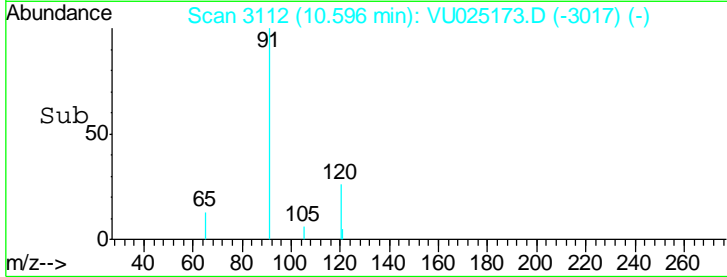
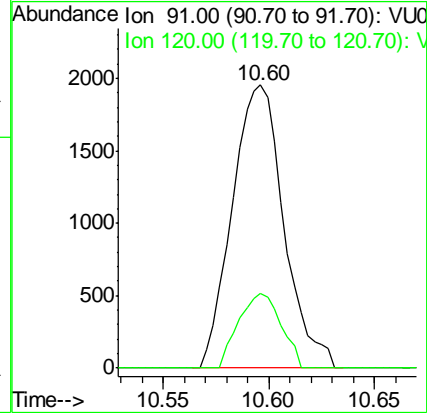
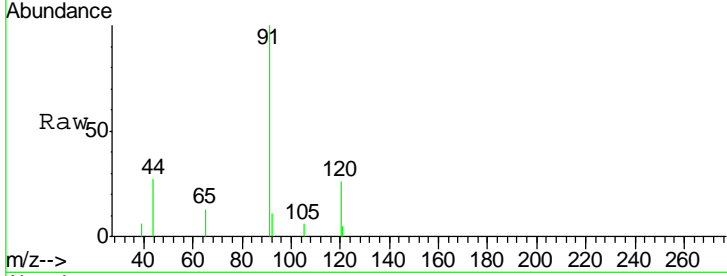




#78
 n-propylbenzene
 Concen: 0.238 ug/l
 RT: 10.60 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

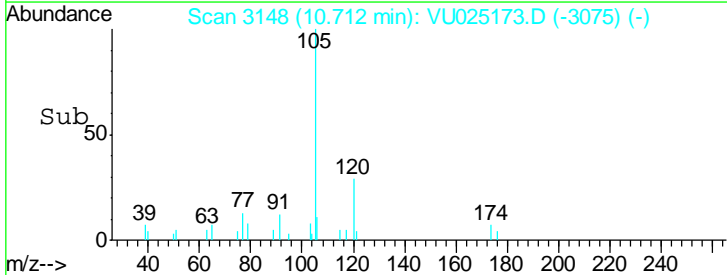
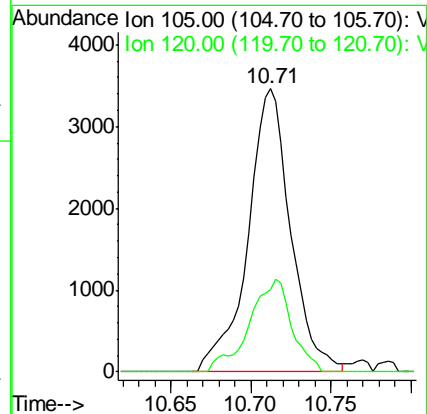
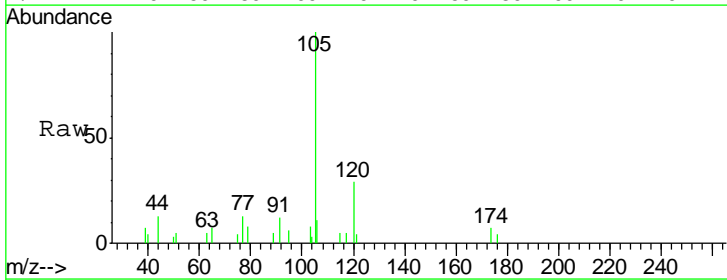
Instrument : MSVOA_U
 ClientSampled : MW-13-062818

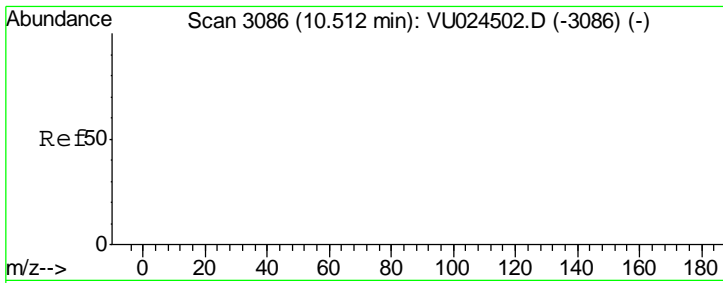
Tgt Ion	Resp	Lower	Upper
91	100		
120	21.6	11.2	33.5



#80
 1,3,5-Trimethylbenzene
 Concen: 0.617 ug/l
 RT: 10.71 min Scan# 3148
 Delta R.T. -0.06 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
105	100		
120	32.2	24.1	72.2

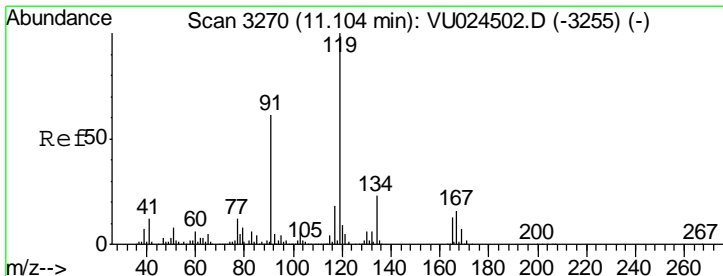
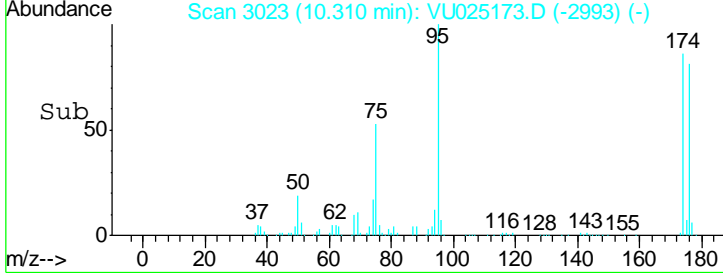
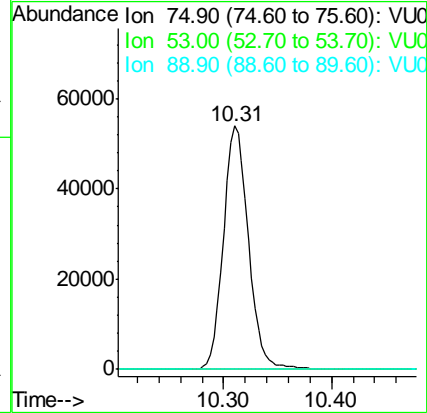
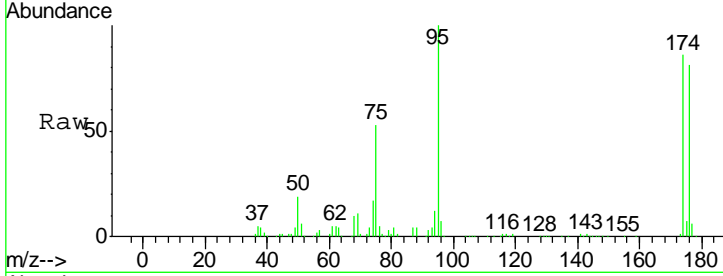




#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.196 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

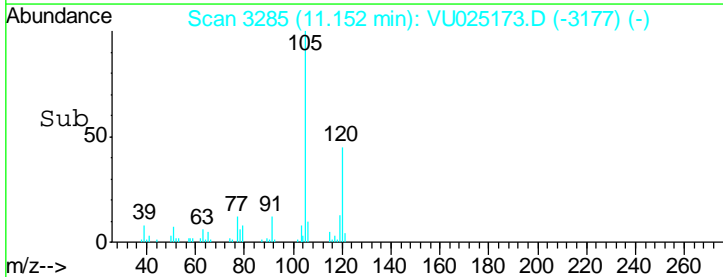
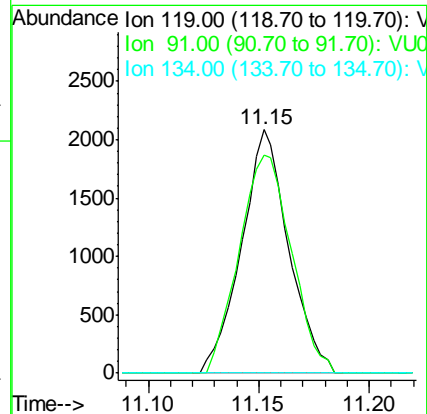
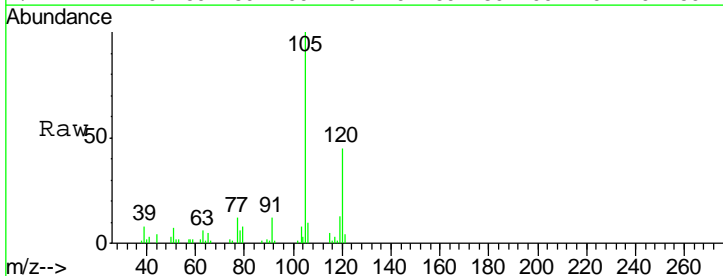
Instrument :
 MSVOA_U
 ClientSampled :
 MW-13-062818

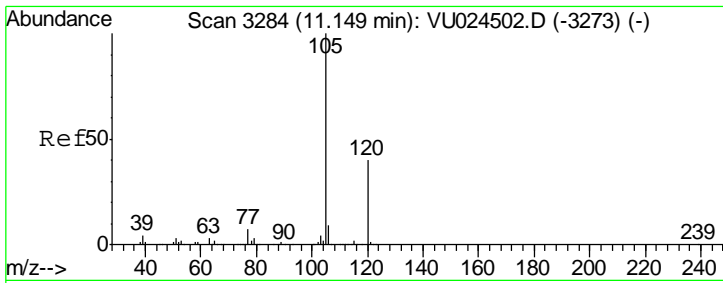
Tgt Ion	Resp	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#83
 tert-Butylbenzene
 Concen: 0.313 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.05 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
119	100		
91	98.9	29.7	89.1#
134	0.0	11.6	34.7#

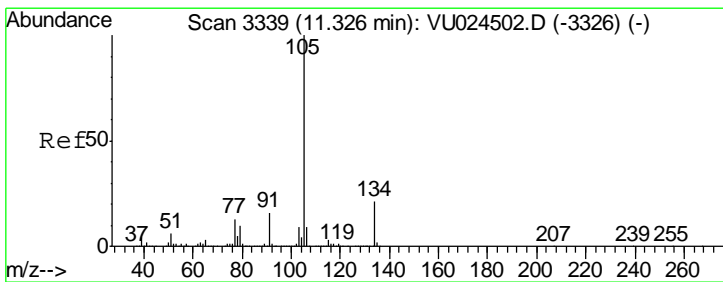
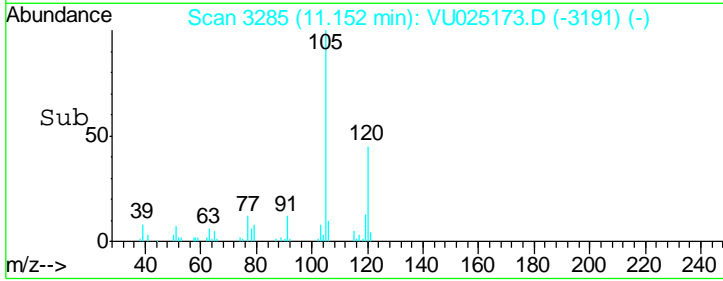
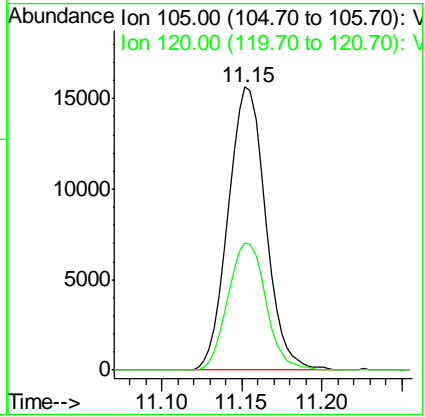
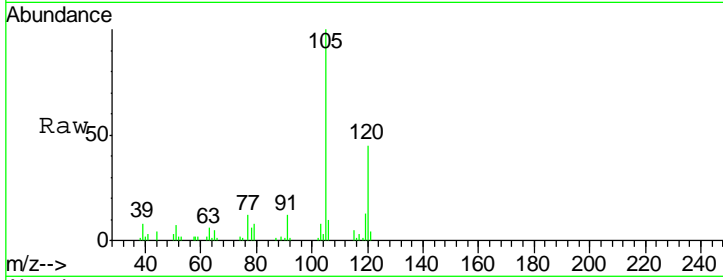




#84
 1,2,4-Trimethylbenzene
 Concen: 2.383 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

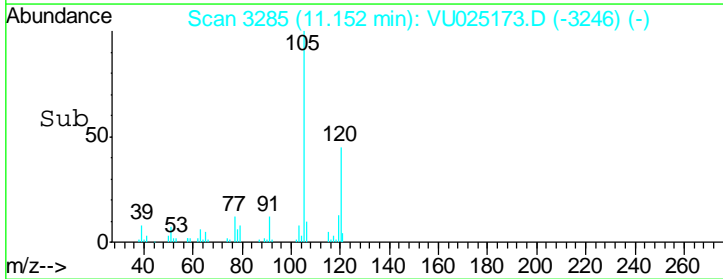
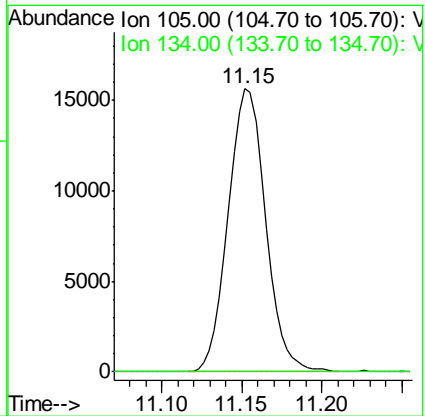
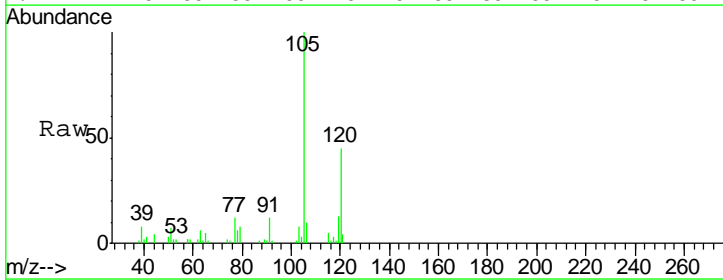
Instrument : MSVOA_U
 ClientSampled : MW-13-062818

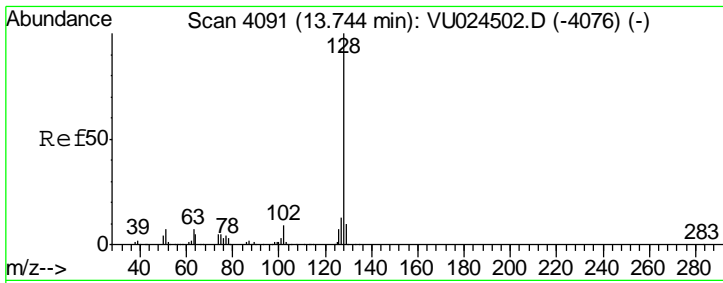
Tgt Ion	Resp	Lower	Upper
105	100		
120	45.4	22.6	67.8



#85
 sec-Butylbenzene
 Concen: 2.017 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.17 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Tgt Ion	Resp	Lower	Upper
105	100		
134	0.0	9.7	29.1#





#95
 Naphthalene
 Concen: 3.512 ug/l
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU025173.D
 Acq: 03 Jul 2018 04:38

Instrument : MSVOA_U
 ClientSampled : MW-13-062818

Tot Ion:128 Resp: 32593

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	16.0
129	11.4	8.6	12.8

