

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018384.D
 Acq On : 19 Mar 2021 13:17
 Operator : SY/VA
 Sample : M1685-07
 Misc : 4.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG493

Quant Time: Mar 20 01:39:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

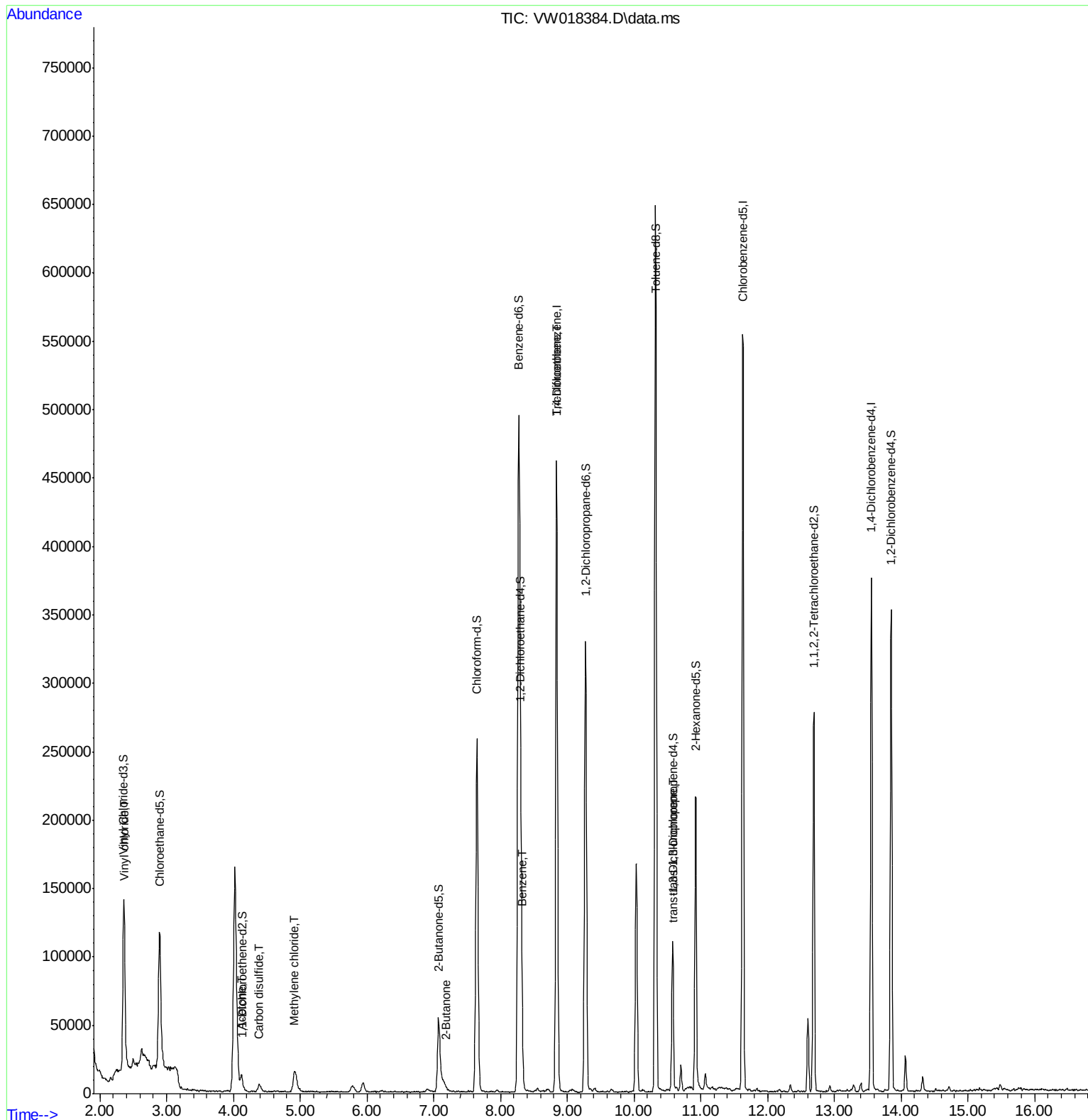
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	385727	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	296885	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	91381	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	162358	30.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	121.00%		
7) Chloroethane-d5	2.891	69	142425	30.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	121.24%		
10) 1,1-Dichloroethene-d2	4.141	63	260	0.03	ug/L	0.12
Spiked Amount 25.000	Range 45 - 110		Recovery =	0.12%#		
20) 2-Butanone-d5	7.073	46	90615	75.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	151.66%#		
24) Chloroform-d	7.646	84	253124	25.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.04%		
26) 1,2-Dichloroethane-d4	8.305	65	158291	27.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	110.40%		
29) Benzene-d6	8.274	84	498846	31.61	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	126.44%		
33) 1,2-Dichloropropane-d6	9.274	67	146070	32.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	128.32%#		
37) Toluene-d8	10.323	98	420773	27.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	110.76%		
38) trans-1,3-Dichloroprop...	10.579	79	58809	25.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.20%		
39) 2-Hexanone-d5	10.920	63	75204	84.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	168.82%#		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	132784	32.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	130.44%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	85277	26.25	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	105.00%		
Target Compounds						
5) Vinyl chloride	2.367	62	2647	0.36	ug/L #	1
13) Acetone	4.123	43	16671	19.42	ug/L	96
14) Carbon disulfide	4.385	76	6913	0.47	ug/L #	85
16) Methylene chloride	4.915	84	6910	1.09	ug/L	93
21) 2-Butanone	7.177	43	4311	3.16	ug/L #	45
34) Benzene	8.323	78	7592	0.44	ug/L	100
35) Trichloroethene	8.841	95	12400	2.61	ug/L #	6
45) trans-1,3-Dichloropropene	10.585	75	3190	0.50	ug/L	86

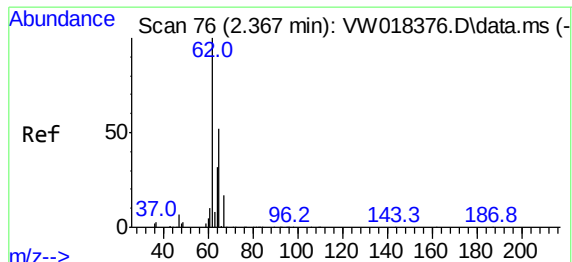
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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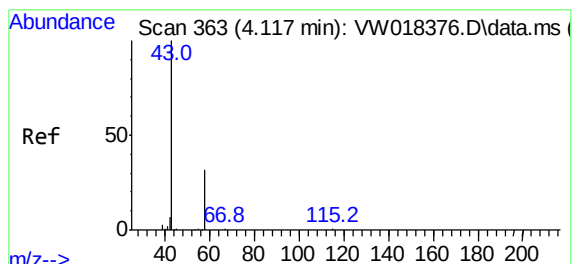
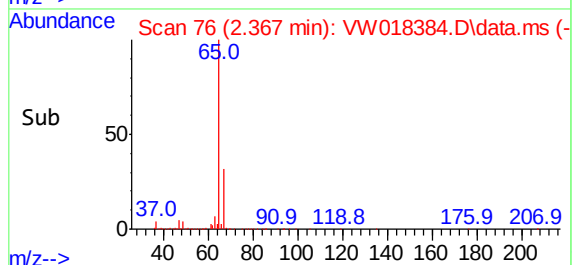
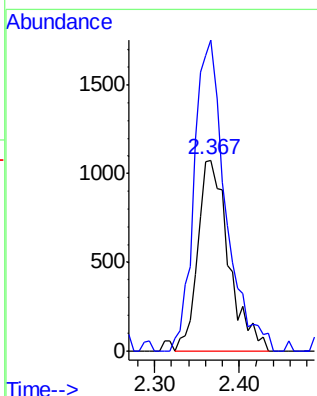
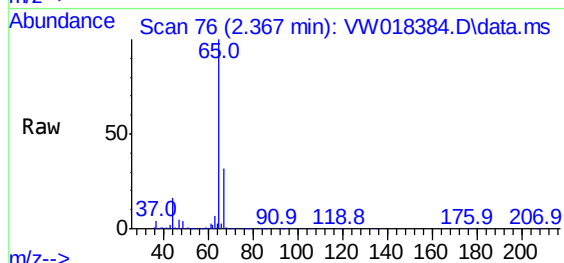




#5
 Vinyl chloride
 Concen: 0.36 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018384.D
 Acq: 19 Mar 2021 13:17

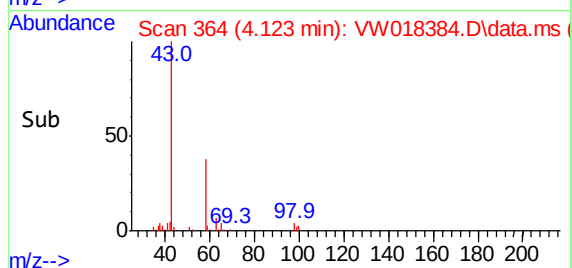
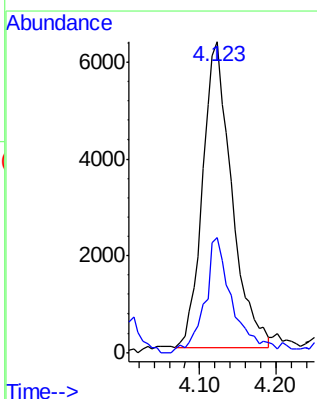
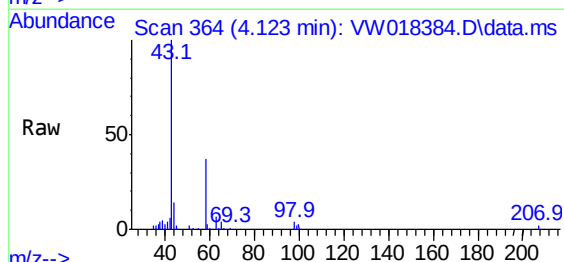
Instrument :
 MSVOA_W
 ClientSampled :
 BG493

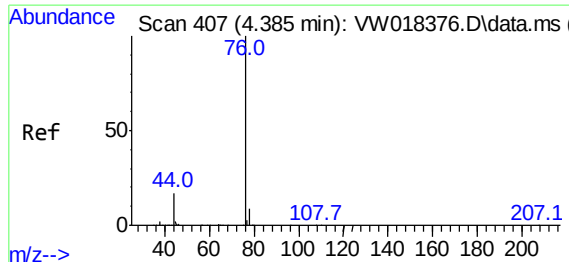
Tgt Ion: 62 Resp: 2647
 Ion Ratio Lower Upper
 62 100
 64 163.2 23.5 43.7#



#13
 Acetone
 Concen: 19.42 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW018384.D
 Acq: 19 Mar 2021 13:17

Tgt Ion: 43 Resp: 16671
 Ion Ratio Lower Upper
 43 100
 58 33.2 0.0 62.2

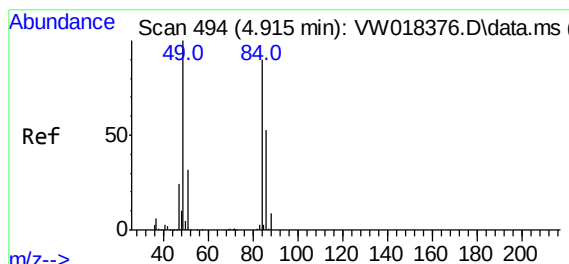
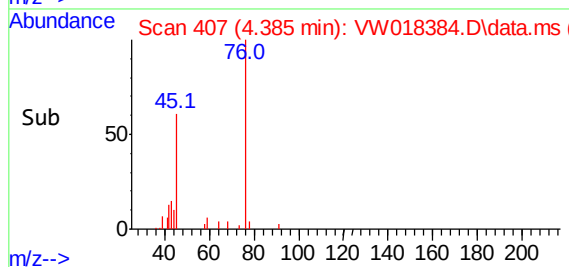
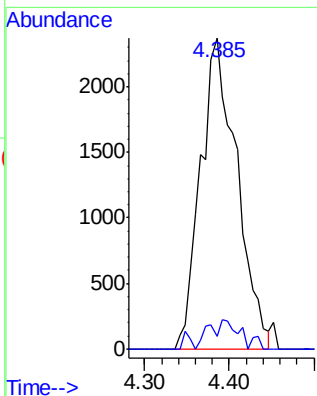
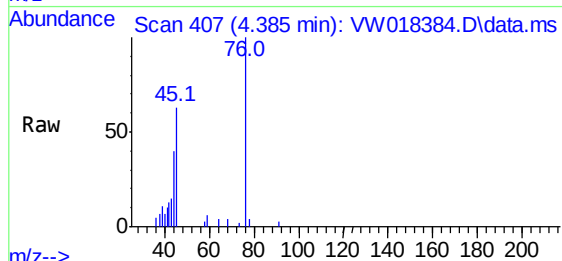




#14
Carbon disulfide
Concen: 0.47 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018384.D
Acq: 19 Mar 2021 13:17

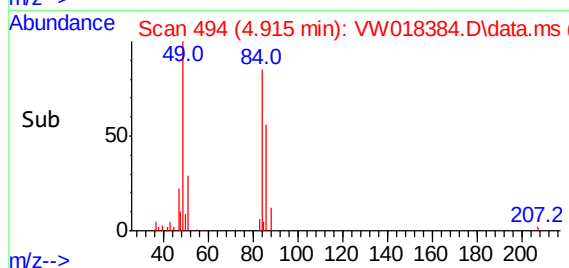
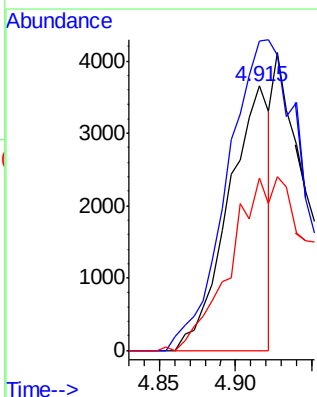
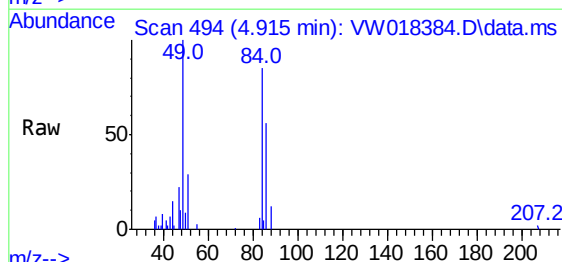
Instrument :
MSVOA_W
ClientSampled :
BG493

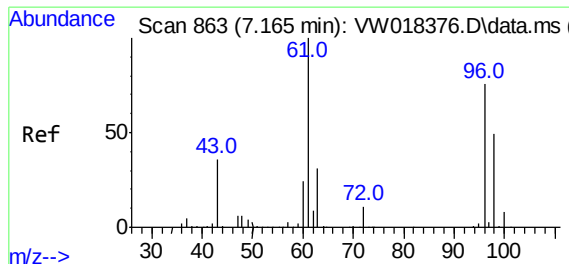
Tgt Ion: 76 Resp: 6913
Ion Ratio Lower Upper
76 100
78 3.9 7.4 11.2#



#16
Methylene chloride
Concen: 1.09 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018384.D
Acq: 19 Mar 2021 13:17

Tgt Ion: 84 Resp: 6910
Ion Ratio Lower Upper
84 100
49 117.1 74.4 138.2
86 65.1 46.1 85.7

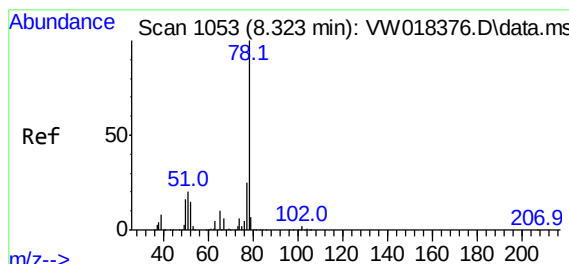
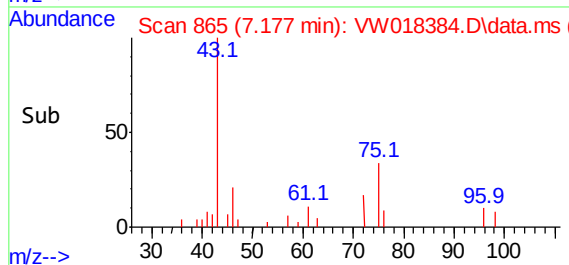
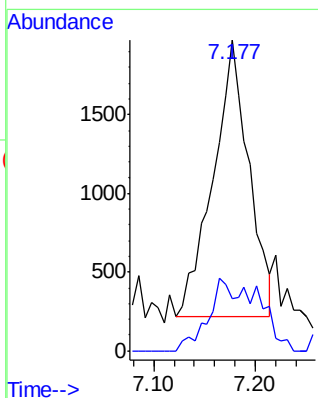
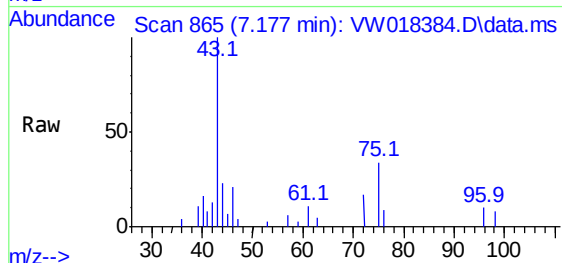




#21
2-Butanone
Concen: 3.16 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018384.D
Acq: 19 Mar 2021 13:17

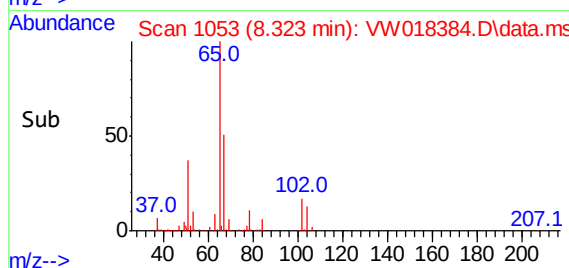
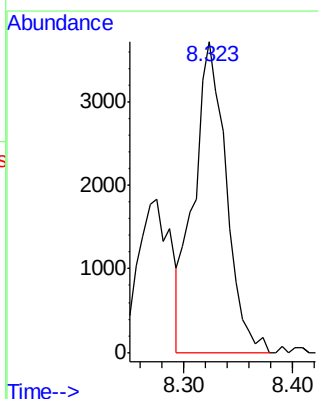
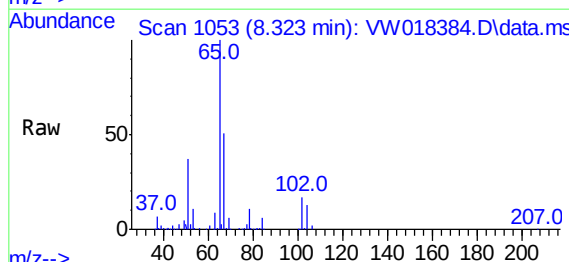
Instrument :
MSVOA_W
ClientSampled :
BG493

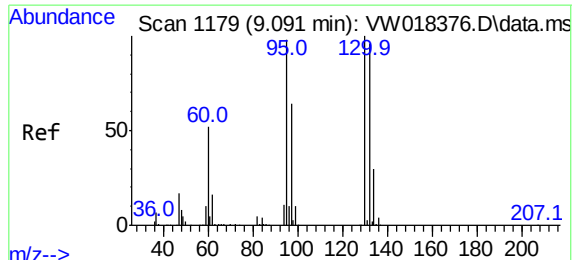
Tgt Ion: 43 Resp: 4311
Ion Ratio Lower Upper
43 100
72 2.2 16.5 49.5#



#34
Benzene
Concen: 0.44 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018384.D
Acq: 19 Mar 2021 13:17

Tgt Ion: 78 Resp: 7592

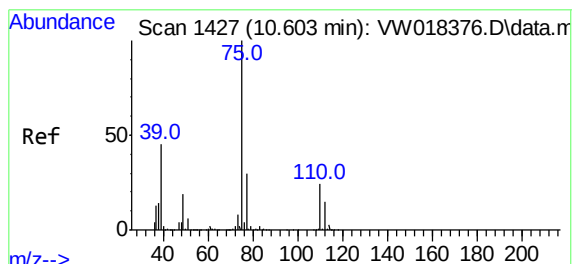
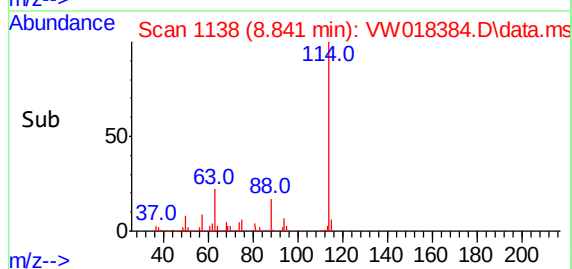
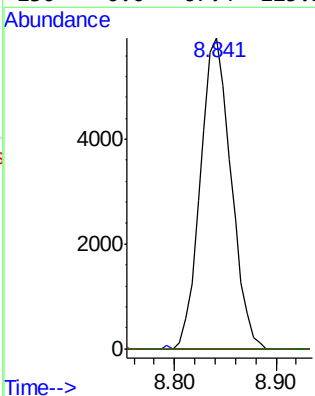
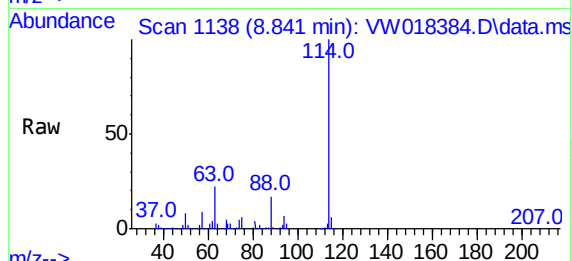




#35
Trichloroethene
Concen: 2.61 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018384.D
Acq: 19 Mar 2021 13:17

Instrument :
MSVOA_W
ClientSampleId :
BG493

Tgt Ion: 95 Resp: 12400
Ion Ratio Lower Upper
95 100
97 0.4 44.4 82.4#
132 0.4 65.9 122.5#
130 0.0 67.4 125.2#



#45
trans-1,3-Dichloropropene
Concen: 0.50 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.018 min
Lab File: VW018384.D
Acq: 19 Mar 2021 13:17

Tgt Ion: 75 Resp: 3190
Ion Ratio Lower Upper
75 100
77 39.9 22.6 42.0

