

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
 Data File : VW018273.D
 Acq On : 09 Mar 2021 18:16
 Operator : SY/VA
 Sample : M1610-12
 Misc : 5.47G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG565

Quant Time: Mar 10 02:18:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 10 02:13:53 2021
 Response via : Initial Calibration

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

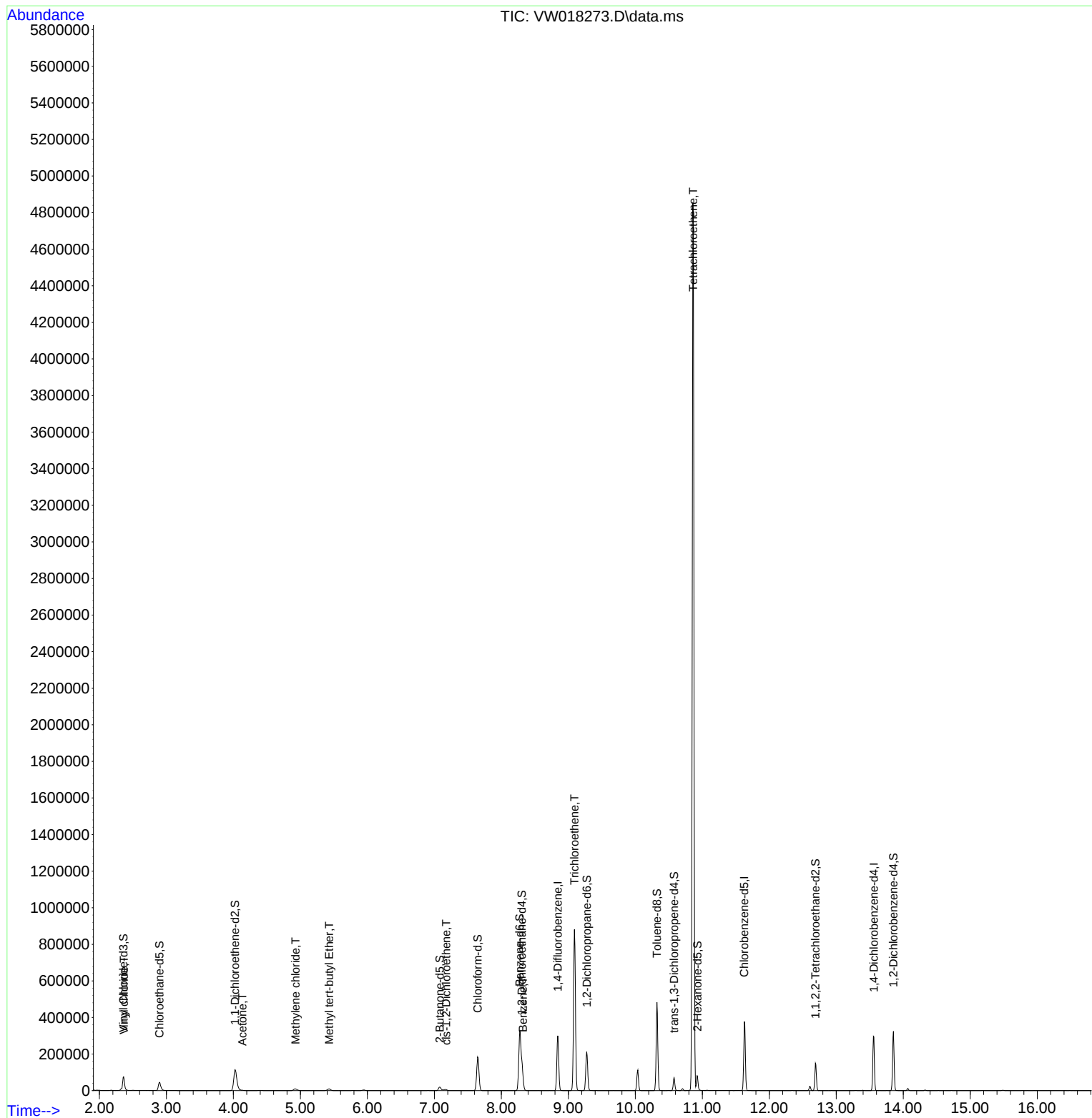
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	242762	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	201051	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	73594	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	82838	31.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 126.04%			
7) Chloroethane-d5	2.898	69	63565	29.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.08%			
10) 1,1-Dichloroethene-d2	4.025	63	128428	21.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.08%			
20) 2-Butanone-d5	7.080	46	32466	51.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.88%			
24) Chloroform-d	7.647	84	178146	27.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.36%			
26) 1,2-Dichloroethane-d4	8.305	65	100654	27.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.24%			
29) Benzene-d6	8.275	84	328851	30.72	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 122.88%			
33) 1,2-Dichloropropane-d6	9.274	67	90797	30.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 122.48%#			
37) Toluene-d8	10.323	98	309461	29.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 119.84%			
38) trans-1,3-Dichloroprop...	10.579	79	38214	25.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.96%			
39) 2-Hexanone-d5	10.927	63	27070	54.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.74%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	67716	26.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.80%			
61) 1,2-Dichlorobenzene-d4	13.853	152	79527	29.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 118.92%			
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	2789	0.82	ug/L #	14
13) Acetone	4.135	43	3282	6.72	ug/L	99
16) Methylene chloride	4.928	84	9637	2.60	ug/L	97
17) Methyl tert-butyl Ether	5.428	73	16176	4.42	ug/L #	91
22) cis-1,2-Dichloroethene	7.177	96	3063	0.86	ug/L	81
34) Benzene	8.323	78	18070	1.56	ug/L	100
35) Trichloroethene	9.092	95	295475	87.14	ug/L	98
47) Tetrachloroethene	10.866	164	1007546	396.89	ug/L	96

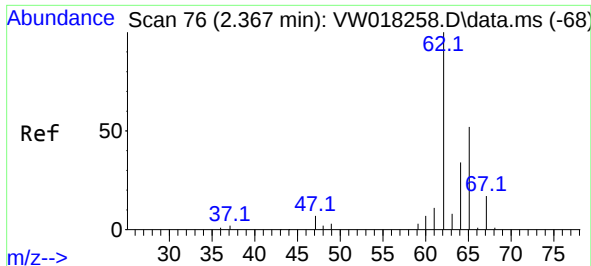
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 10 02:13:53 2021
Response via : Initial Calibration

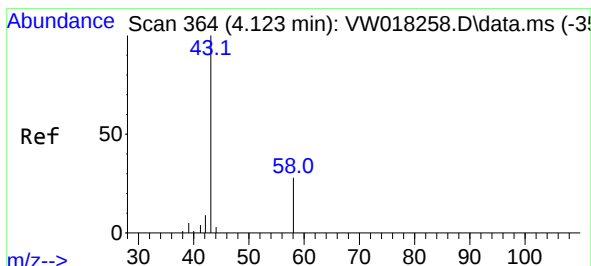
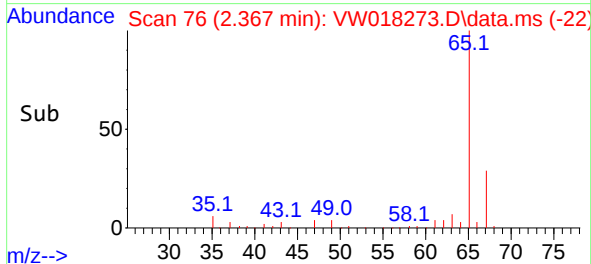
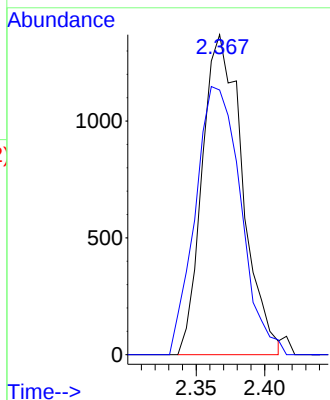
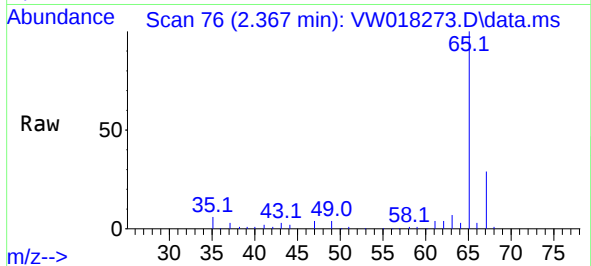




#5
 Vinyl chloride
 Concen: 0.82 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018273.D
 Acq: 09 Mar 2021 18:16

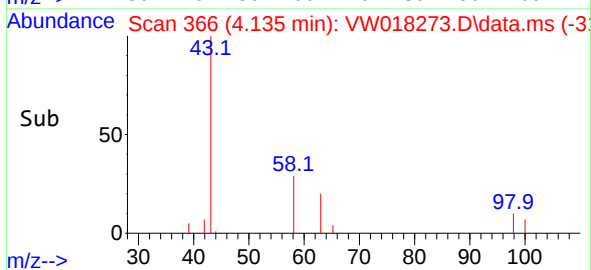
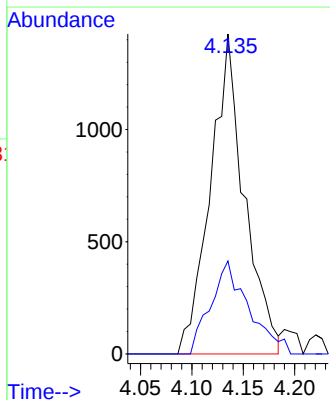
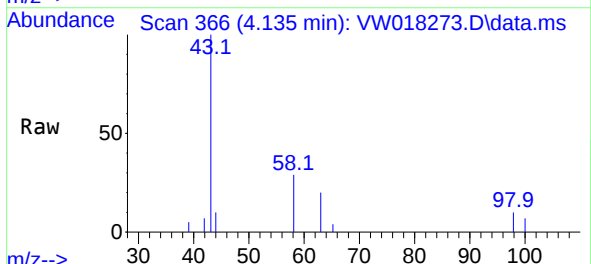
Instrument :
 MSVOA_W
 ClientSampled :
 BG565

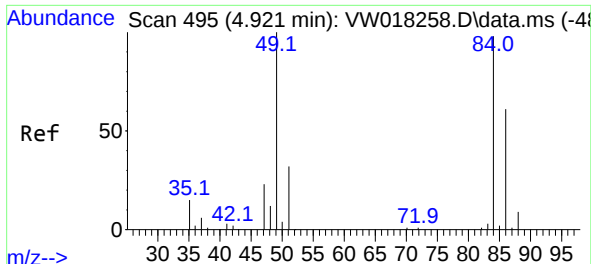
Tgt Ion: 62 Resp: 2789
 Ion Ratio Lower Upper
 62 100
 64 82.7 23.5 43.7#



#13
 Acetone
 Concen: 6.72 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. 0.012 min
 Lab File: VW018273.D
 Acq: 09 Mar 2021 18:16

Tgt Ion: 43 Resp: 3282
 Ion Ratio Lower Upper
 43 100
 58 31.7 0.0 62.2



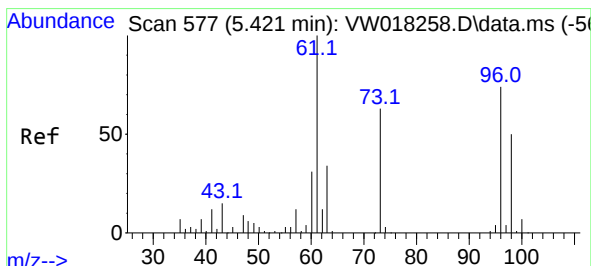
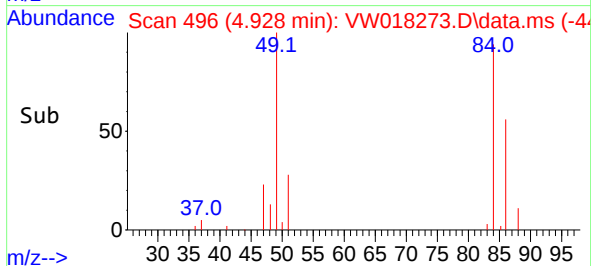
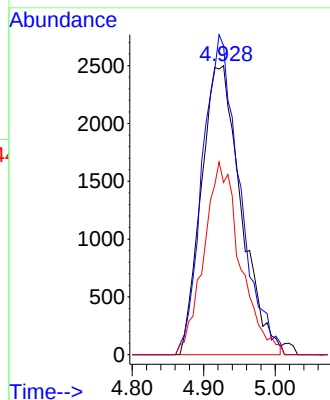
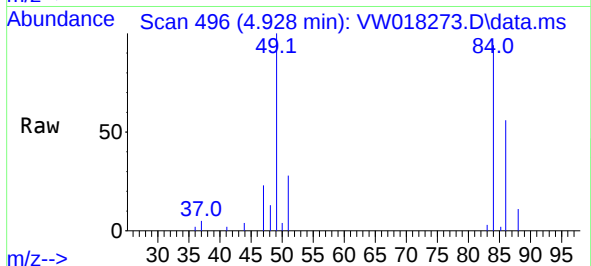


#16
Methylene chloride
Concen: 2.60 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW018273.D
Acq: 09 Mar 2021 18:16

Instrument :
MSVOA_W
ClientSampled :
BG565

Tgt Ion: 84 Resp: 9637

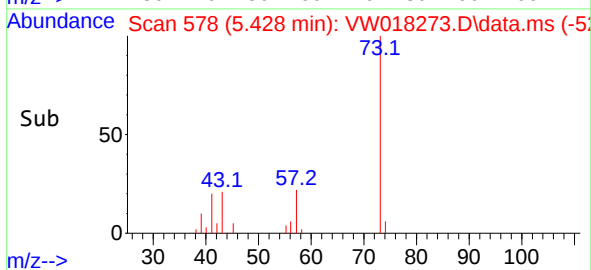
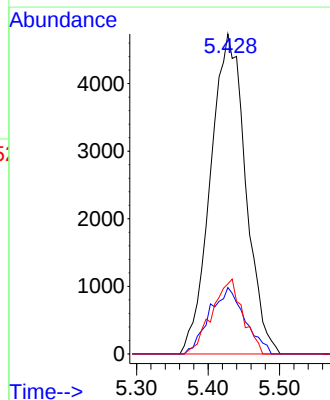
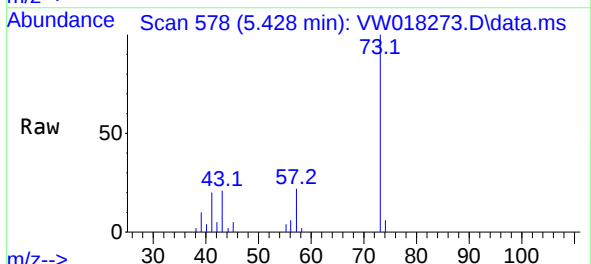
Ion	Ratio	Lower	Upper
84	100		
49	106.9	74.4	138.2
86	59.6	46.1	85.7

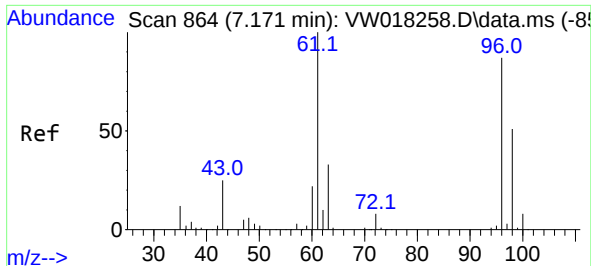


#17
Methyl tert-butyl Ether
Concen: 4.42 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018273.D
Acq: 09 Mar 2021 18:16

Tgt Ion: 73 Resp: 16176

Ion	Ratio	Lower	Upper
73	100		
43	13.1	16.6	24.8#
57	20.5	15.9	23.9

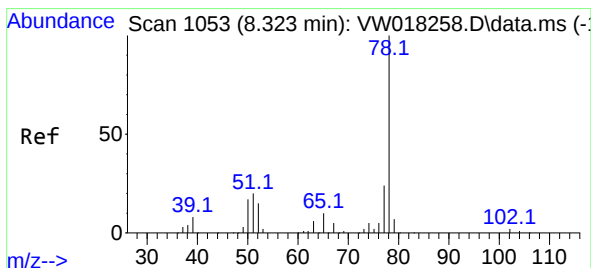
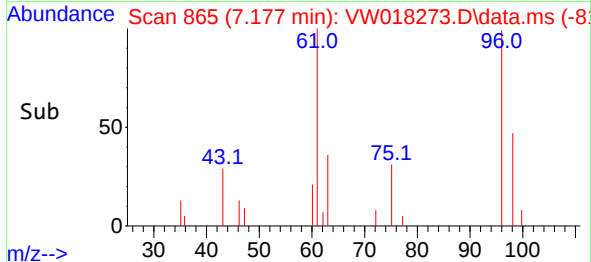
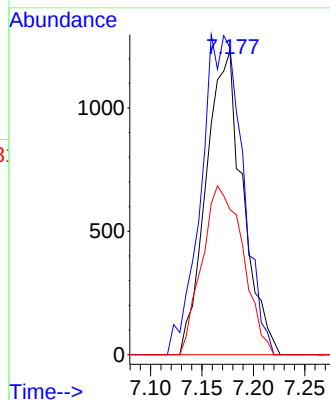
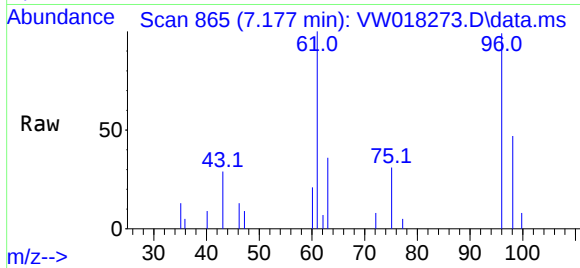




#22
cis-1,2-Dichloroethene
Concen: 0.86 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018273.D
Acq: 09 Mar 2021 18:16

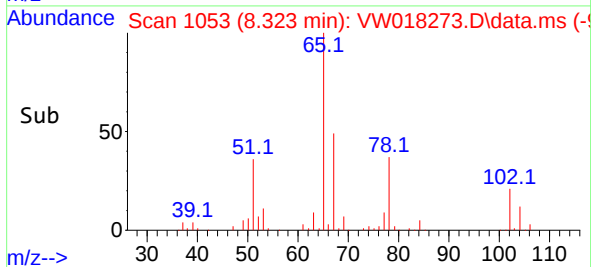
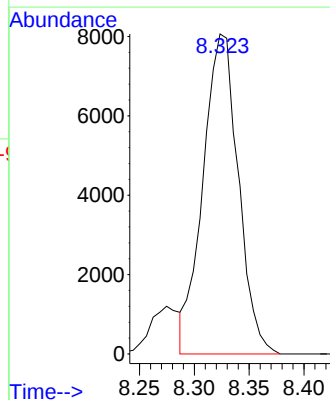
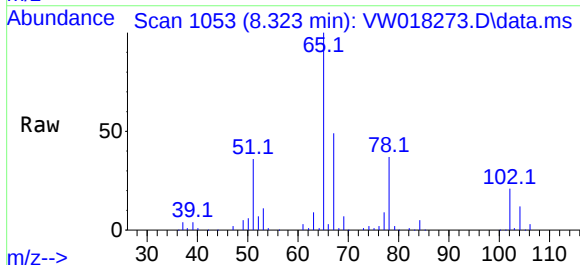
Instrument :
MSVOA_W
ClientSampled :
BG565

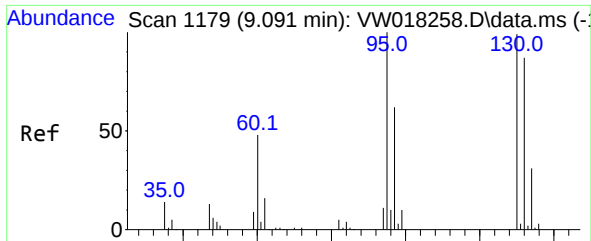
Tgt Ion: 96 Resp: 3063
Ion Ratio Lower Upper
96 100
61 101.1 84.8 157.6
98 47.8 45.1 83.9



#34
Benzene
Concen: 1.56 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018273.D
Acq: 09 Mar 2021 18:16

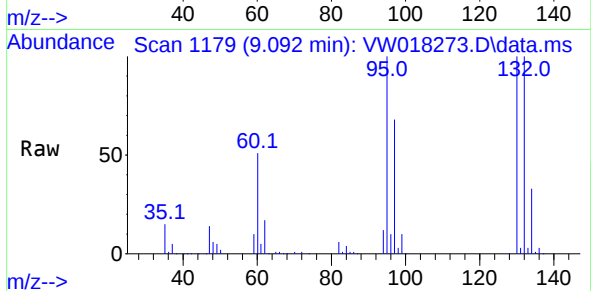
Tgt Ion: 78 Resp: 18070





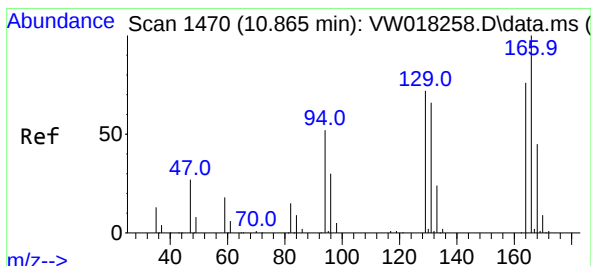
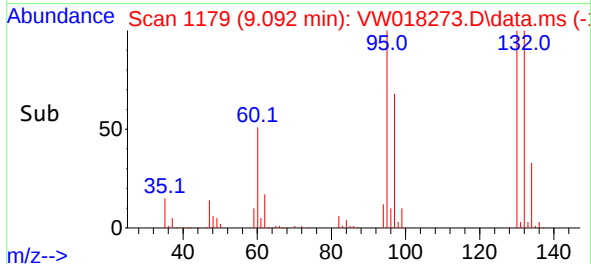
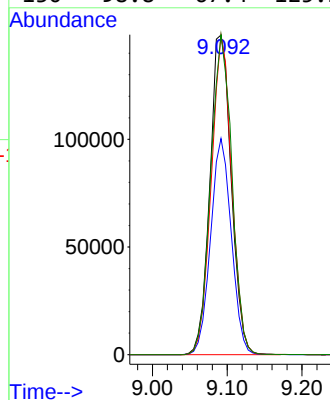
#35
Trichloroethene
Concen: 87.14 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018273.D
Acq: 09 Mar 2021 18:16

Instrument :
MSVOA_W
ClientSampled :
BG565

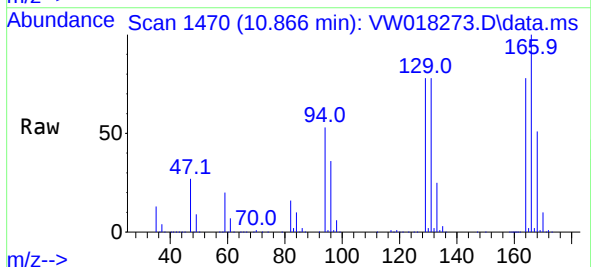


Tgt Ion: 95 Resp: 295475

Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.4	82.4
132	95.7	65.9	122.5
130	98.8	67.4	125.2



#47
Tetrachloroethene
Concen: 396.89 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW018273.D
Acq: 09 Mar 2021 18:16



Tgt Ion: 164 Resp: 1007546

Ion	Ratio	Lower	Upper
164	100		
129	99.5	68.8	127.8
131	99.0	68.3	126.8
166	127.7	95.4	177.2

