

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018483.D
 Acq On : 29 Mar 2021 14:05
 Operator : SY/VA
 Sample : M1816-14
 Misc : 5.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3P7

Quant Time: Mar 30 03:12:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 03:10:03 2021
 Response via : Initial Calibration

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

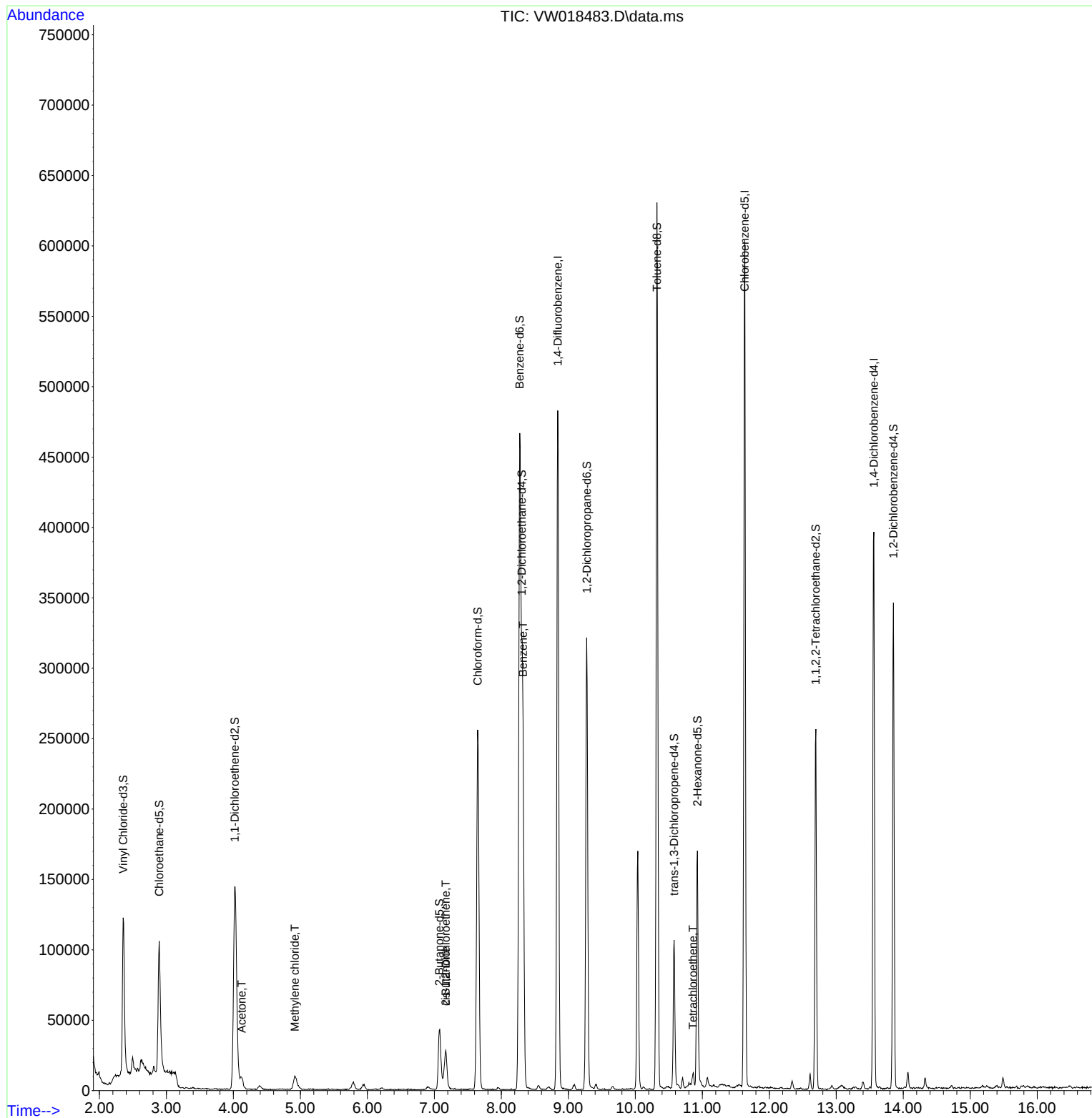
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	399411	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	319273	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	98651	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	142746	25.68	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	102.72%	
7) Chloroethane-d5	2.891	69	126610	26.02	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	104.08%	
10) 1,1-Dichloroethene-d2	4.019	63	165917	17.29	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	69.16%	
20) 2-Butanone-d5	7.074	46	69862	56.46	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	112.92%	
24) Chloroform-d	7.647	84	253135	24.88	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	99.52%	
26) 1,2-Dichloroethane-d4	8.305	65	155256	26.14	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	104.56%	
29) Benzene-d6	8.275	84	475002	27.99	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	111.96%	
33) 1,2-Dichloropropane-d6	9.274	67	140355	28.67	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	114.68%	
37) Toluene-d8	10.323	98	406847	24.89	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	99.56%	
38) trans-1,3-Dichloroprop...	10.579	79	56950	22.55	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	90.20%	
39) 2-Hexanone-d5	10.927	63	57372	59.88	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	119.76%	
48) 1,1,2,2-Tetrachloroeth...	12.695	84	120447	27.50	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	110.00%	
61) 1,2-Dichlorobenzene-d4	13.853	152	81746	23.31	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	93.24%	
Target Compounds					Qvalue	
13) Acetone	4.123	43	12421	13.97	ug/L	92
16) Methylene chloride	4.915	84	8867	1.35	ug/L	94
21) 2-Butanone	7.171	43	4210	2.98	ug/L	82
22) cis-1,2-Dichloroethene	7.171	96	13905	2.39	ug/L	89
34) Benzene	8.323	78	171082	9.25	ug/L	100
47) Tetrachloroethene	10.860	164	1943	0.50	ug/L	92

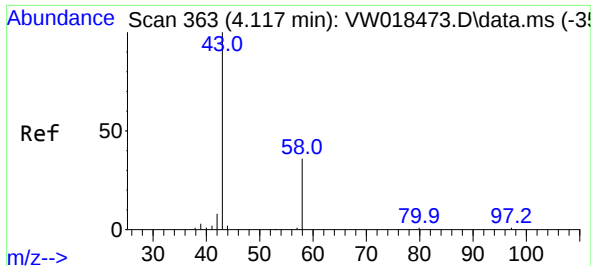
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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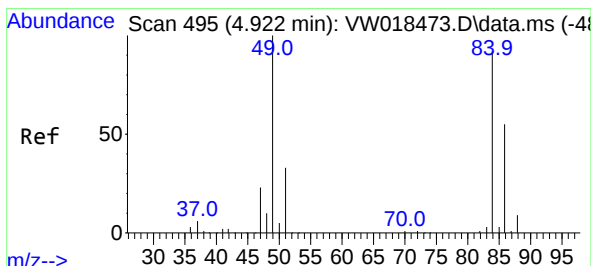
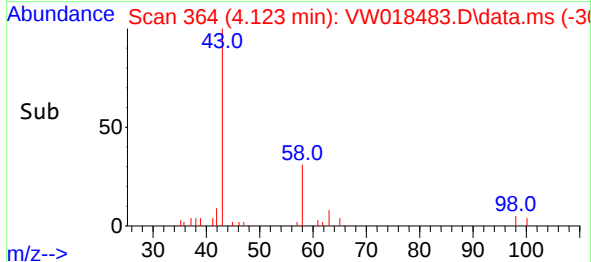
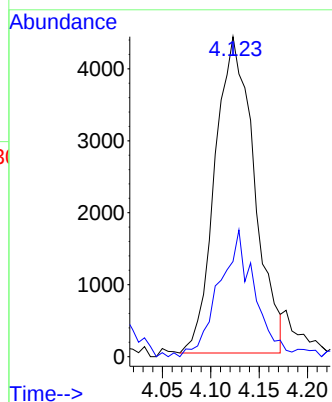
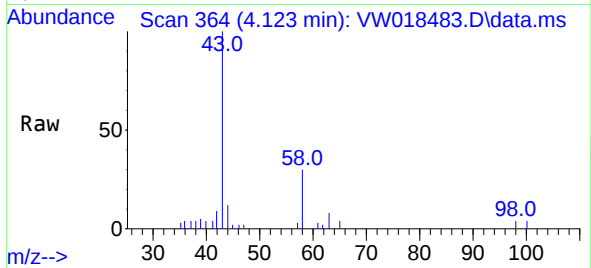




#13
Acetone
Concen: 13.97 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018483.D
Acq: 29 Mar 2021 14:05

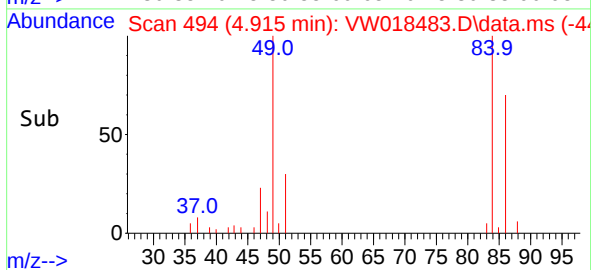
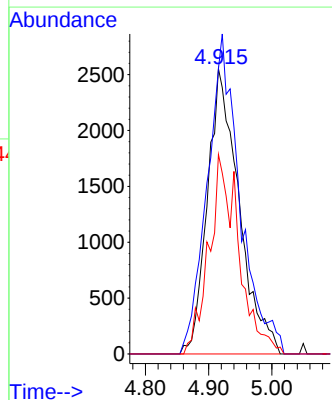
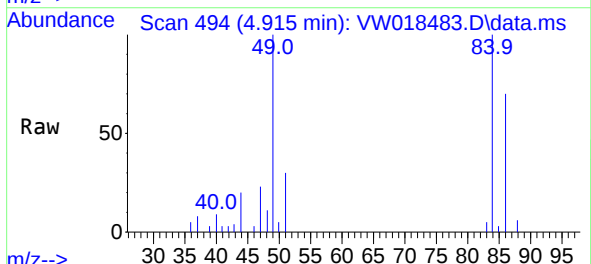
Instrument :
MSVOA_W
ClientSampled :
BG3P7

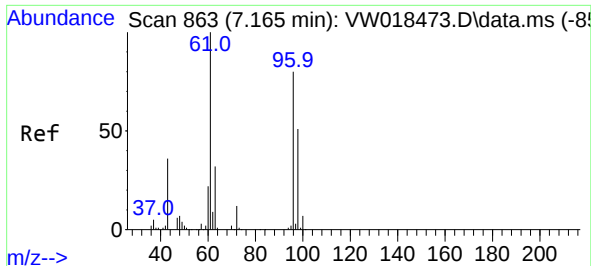
Tgt Ion: 43 Resp: 12421
Ion Ratio Lower Upper
43 100
58 35.3 0.0 62.2



#16
Methylene chloride
Concen: 1.35 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018483.D
Acq: 29 Mar 2021 14:05

Tgt Ion: 84 Resp: 8867
Ion Ratio Lower Upper
84 100
49 99.9 74.4 138.2
86 69.9 46.1 85.7

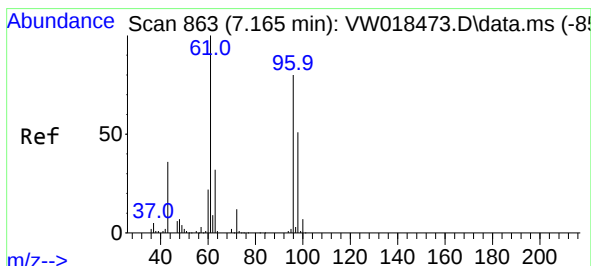
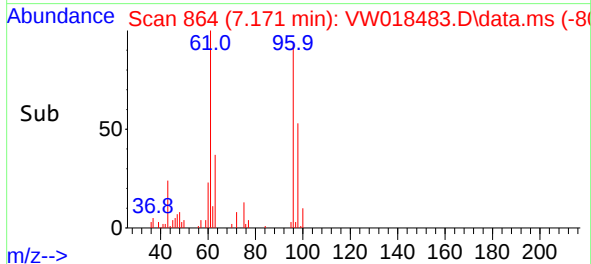
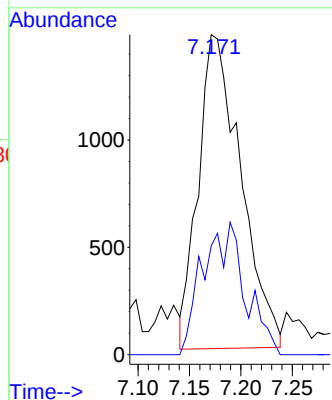
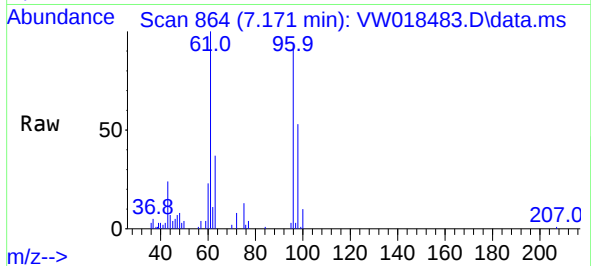




#21
2-Butanone
Concen: 2.98 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018483.D
Acq: 29 Mar 2021 14:05

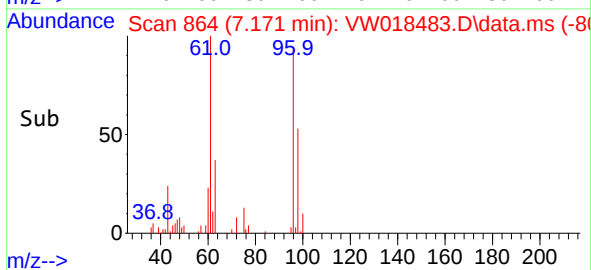
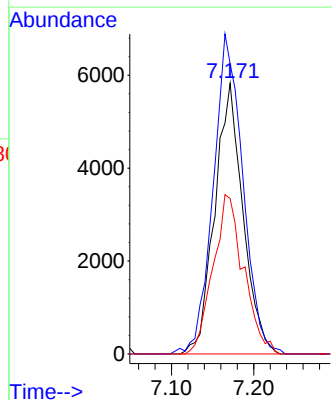
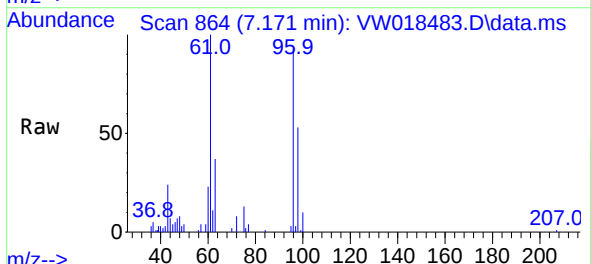
Instrument :
MSVOA_W
ClientSampled :
BG3P7

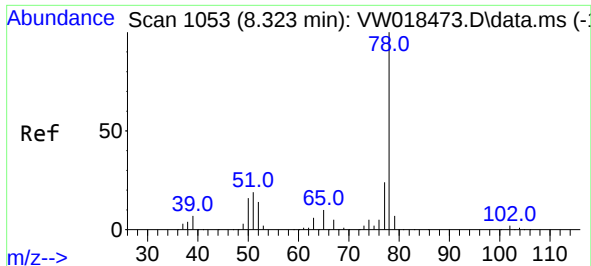
Tgt Ion: 43 Resp: 4210
Ion Ratio Lower Upper
43 100
72 22.7 16.5 49.5



#22
cis-1,2-Dichloroethene
Concen: 2.39 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018483.D
Acq: 29 Mar 2021 14:05

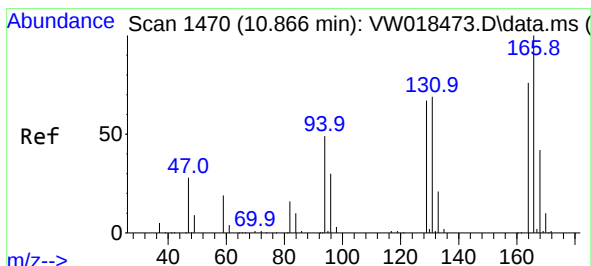
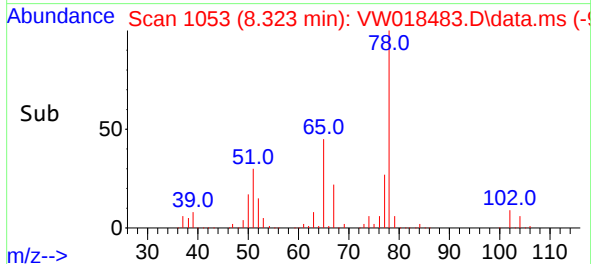
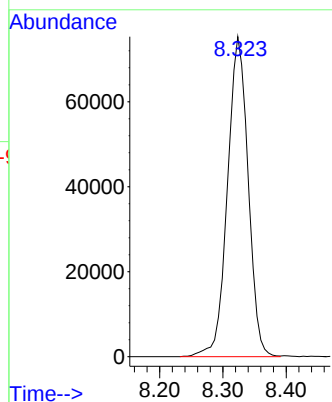
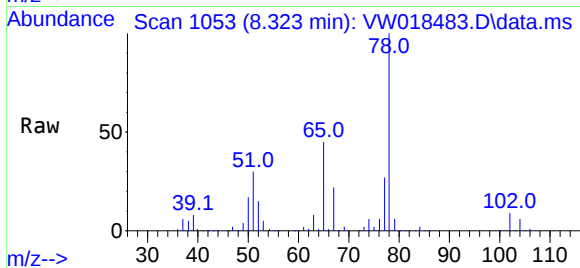
Tgt Ion: 96 Resp: 13905
Ion Ratio Lower Upper
96 100
61 107.3 84.8 157.6
98 57.4 45.1 83.9





#34
Benzene
Concen: 9.25 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018483.D
Acq: 29 Mar 2021 14:05
Tgt Ion: 78 Resp: 171082

Instrument :
MSVOA_W
ClientSampled :
BG3P7



#47
Tetrachloroethene
Concen: 0.50 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018483.D
Acq: 29 Mar 2021 14:05

Tgt Ion:164 Resp: 1943

Ion	Ratio	Lower	Upper
164	100		
129	96.1	68.8	127.8
131	110.6	68.3	126.8
166	126.3	95.4	177.2

