

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011221\
 Data File : VW017841.D
 Acq On : 12 Jan 2021 17:26
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jan 13 03:23:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

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

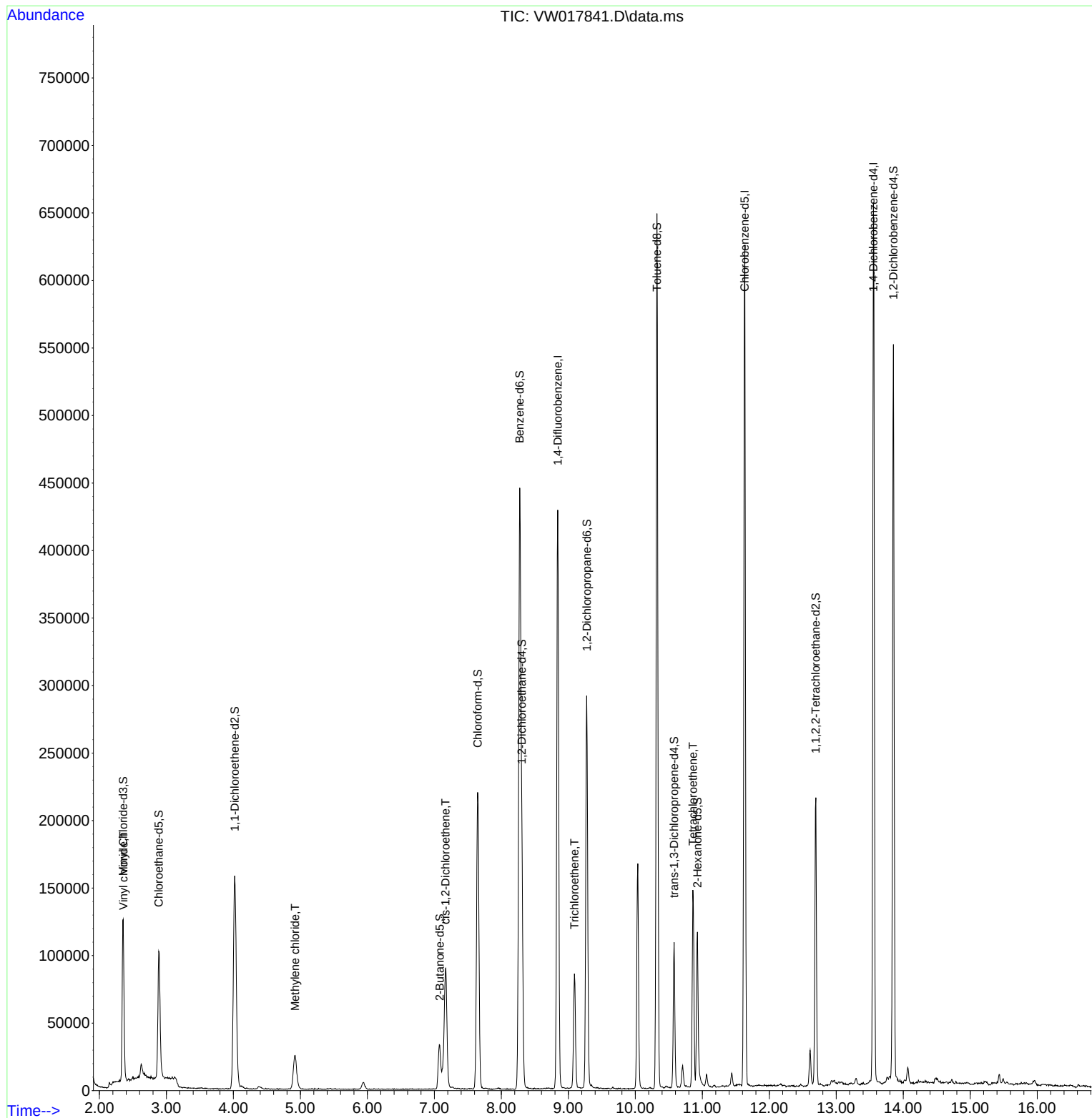
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	345043	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	314912	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	155991	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	126821	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.00%
7) Chloroethane-d5	2.885	69	113788	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.32%
10) 1,1-Dichloroethene-d2	4.019	63	172961	18.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.40%
20) 2-Butanone-d5	7.080	46	55982	64.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.40%
24) Chloroform-d	7.647	84	215802	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	8.305	65	128273	27.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.96%
29) Benzene-d6	8.275	84	432878	24.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.60%
33) 1,2-Dichloropropane-d6	9.275	67	123860	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.32%
37) Toluene-d8	10.323	98	400697	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.08%
38) trans-1,3-Dichloroprop...	10.579	79	53973	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.04%
39) 2-Hexanone-d5	10.927	63	39555	64.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.84%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	98694	27.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.76%
61) 1,2-Dichlorobenzene-d4	13.853	152	124317	22.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.56%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.361	62	5857	1.02	ug/L #	25
16) Methylene chloride	4.922	84	20003	4.05	ug/L	95
22) cis-1,2-Dichloroethene	7.165	96	49423	10.25	ug/L	96
35) Trichloroethene	9.092	95	27195	5.46	ug/L #	77
47) Tetrachloroethene	10.860	164	28959	7.43	ug/L	96

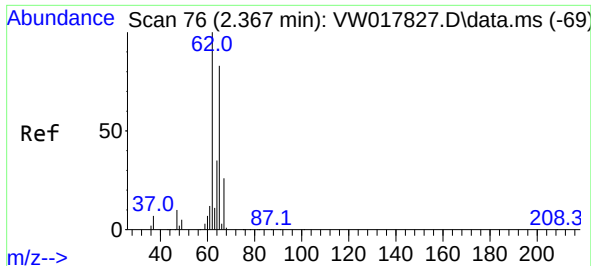
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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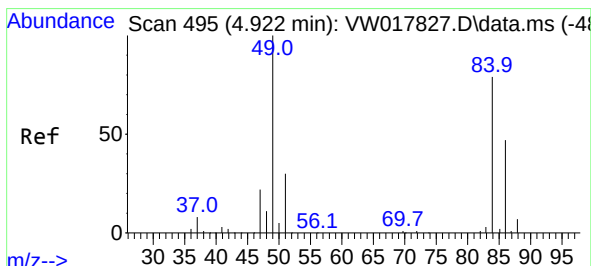
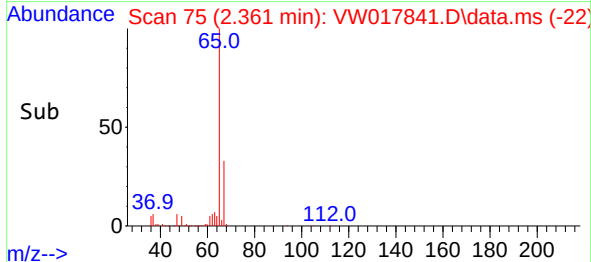
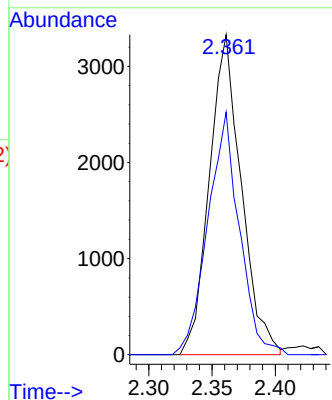
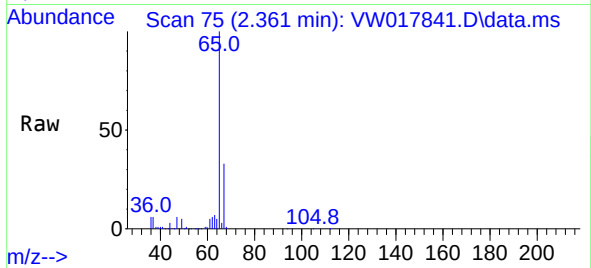




#5
 Vinyl chloride
 Concen: 1.02 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW017841.D
 Acq: 12 Jan 2021 17:26

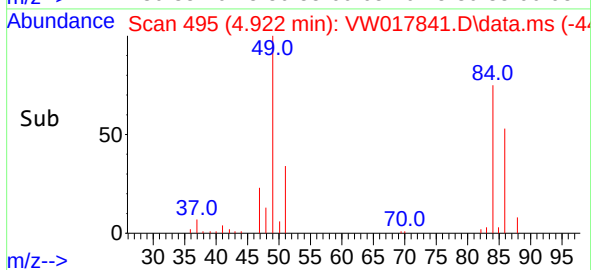
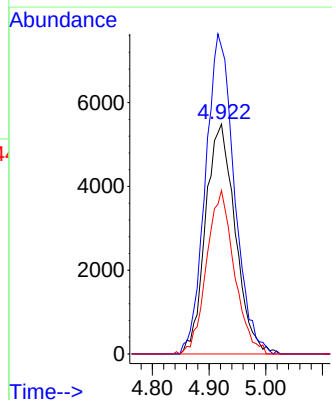
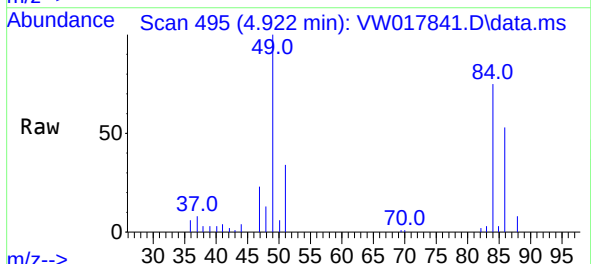
Instrument :
 MSVOA_W
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 VIBLK

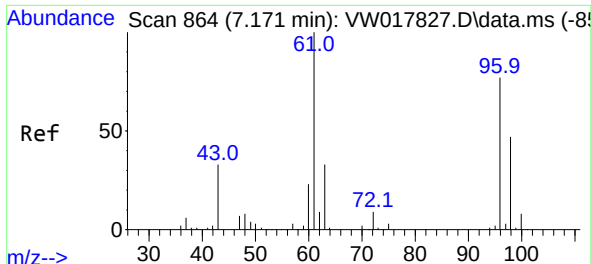
Tgt Ion: 62 Resp: 5857
 Ion Ratio Lower Upper
 62 100
 64 75.8 23.3 43.3#



#16
 Methylene chloride
 Concen: 4.05 ug/L
 RT: 4.922 min Scan# 495
 Delta R.T. 0.006 min
 Lab File: VW017841.D
 Acq: 12 Jan 2021 17:26

Tgt Ion: 84 Resp: 20003
 Ion Ratio Lower Upper
 84 100
 49 133.5 90.5 168.1
 86 71.1 44.8 83.2

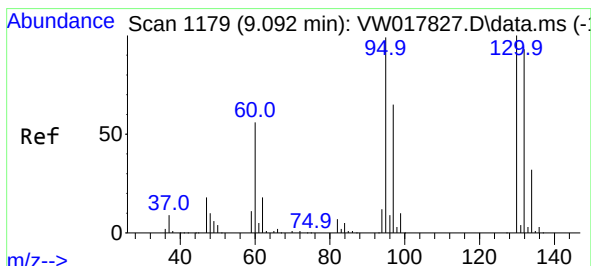
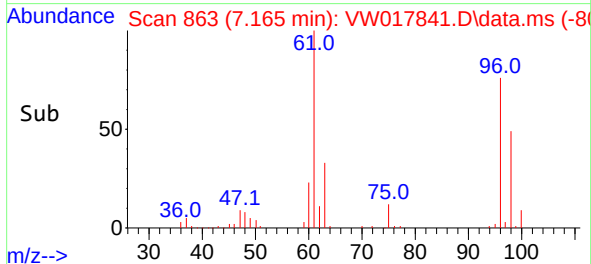
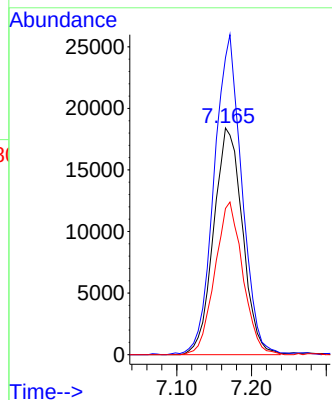
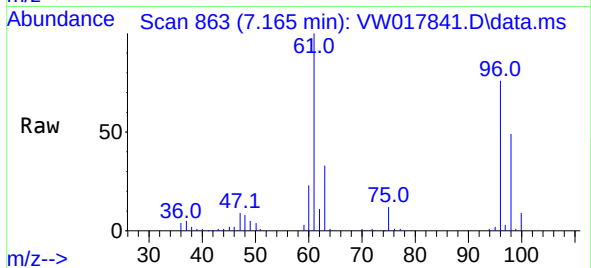




#22
cis-1,2-Dichloroethene
Concen: 10.25 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW017841.D
Acq: 12 Jan 2021 17:26

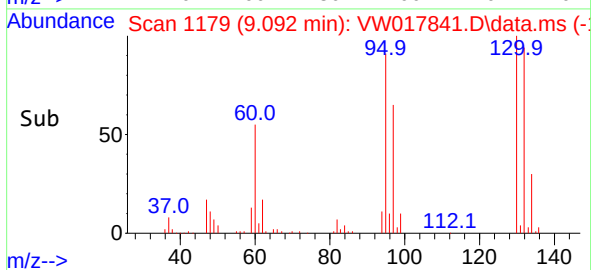
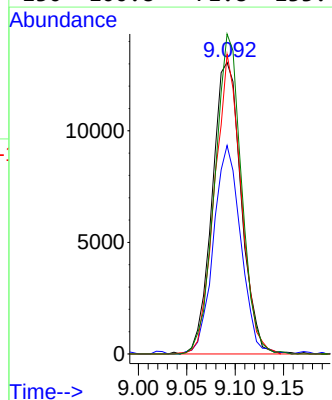
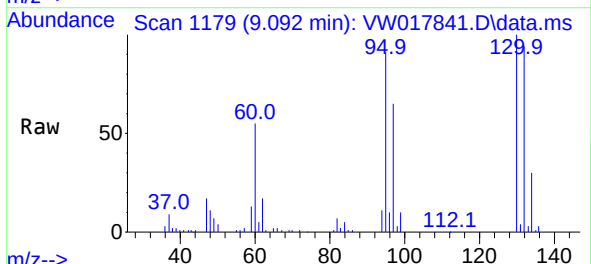
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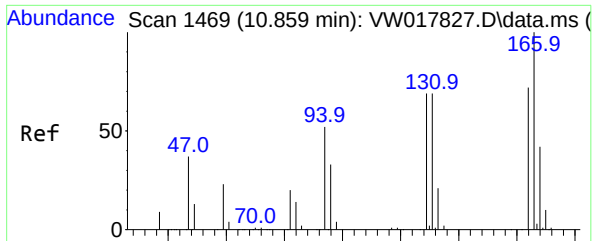
Tgt Ion: 96 Resp: 49423
Ion Ratio Lower Upper
96 100
61 131.0 88.2 163.8
98 64.5 43.7 81.1



#35
Trichloroethene
Concen: 5.46 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017841.D
Acq: 12 Jan 2021 17:26

Tgt Ion: 95 Resp: 27195
Ion Ratio Lower Upper
95 100
97 0.0 46.8 87.0#
132 93.6 68.3 126.9
130 100.8 71.8 133.4





#47
Tetrachloroethene
Concen: 7.43 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW017841.D
Acq: 12 Jan 2021 17:26

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:164 Resp: 28959

Ion	Ratio	Lower	Upper
164	100		
129	99.8	62.9	116.9
131	91.5	63.8	118.6
166	123.2	87.4	162.2

