

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051923\  
 Data File : VW026000.D  
 Acq On : 19 May 2023 13:00  
 Operator : SY/MD  
 Sample : 02859-01  
 Misc : 3.50g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C11F9

Quant Time: May 20 05:07:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 20 04:57:36 2023  
 Response via : Initial Calibration

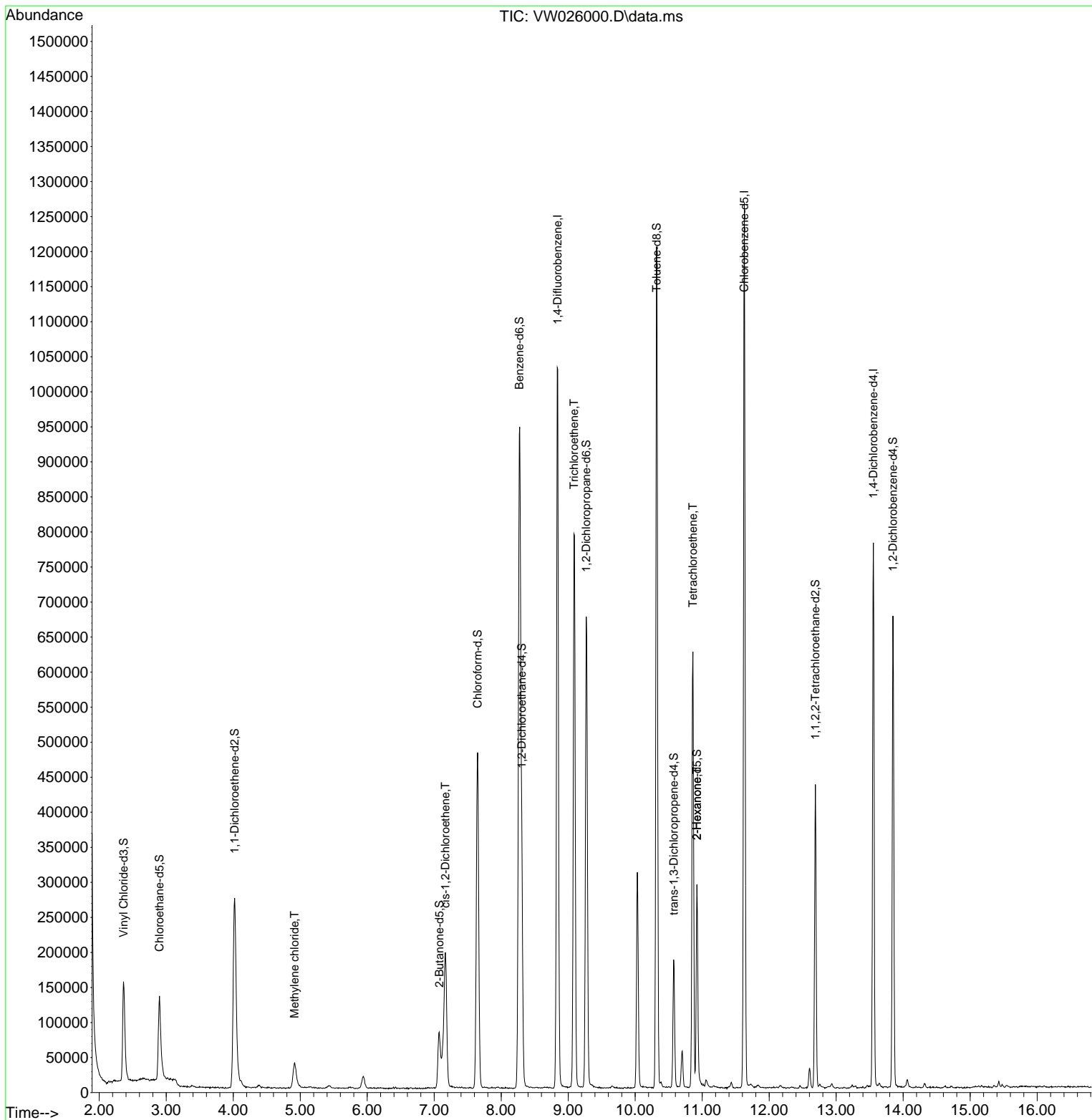
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	818531	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	644276	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	191370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	210997	18.191	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	72.760%		
7) Chloroethane-d5	2.899	69	177265	20.614	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	82.440%		
11) 1,1-Dichloroethene-d2	4.021	65	103904	17.890	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	71.560%		
21) 2-Butanone-d5	7.075	46	144917	37.793	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	75.580%		
24) Chloroform-d	7.648	84	482626	20.448	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	81.800%		
26) 1,2-Dichloroethane-d4	8.306	65	264301	19.803	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	79.200%		
32) Benzene-d6	8.270	84	949406	22.552	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	90.200%		
36) 1,2-Dichloropropane-d6	9.270	67	317553	23.576	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	94.320%		
41) Toluene-d8	10.318	98	767769	20.452	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	81.800%		
43) trans-1,3-Dichloroprop...	10.574	79	97199	17.802	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	71.200%		
47) 2-Hexanone-d5	10.922	63	95020	41.370	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	82.740%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	216471	21.086	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	84.360%		
66) 1,2-Dichlorobenzene-d4	13.848	152	159898	22.920	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	91.680%		
Target Compounds						
16) Methylene chloride	4.917	84	29969	1.775	ug/L	83
20) cis-1,2-Dichloroethene	7.166	96	108175	8.443	ug/L	98
34) Trichloroethene	9.087	95	285040	24.920	ug/L	97
46) Tetrachloroethene	10.861	164	135768	16.872	ug/L	91
48) 2-Hexanone	10.922	43	12752	2.239	ug/L #	69

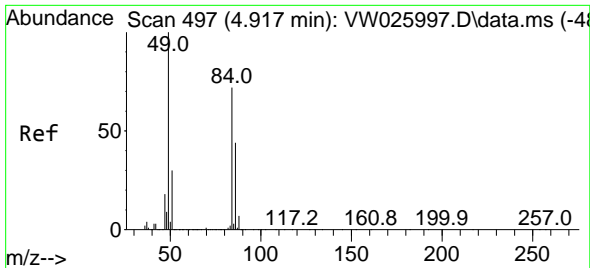
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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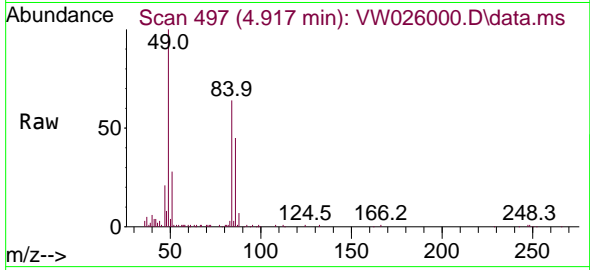
Quant Time: May 20 05:07:11 2023  
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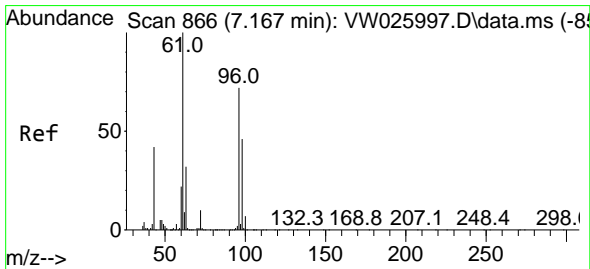
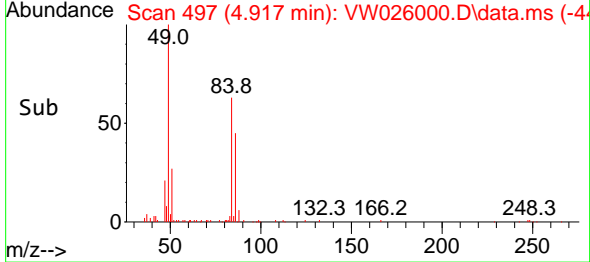
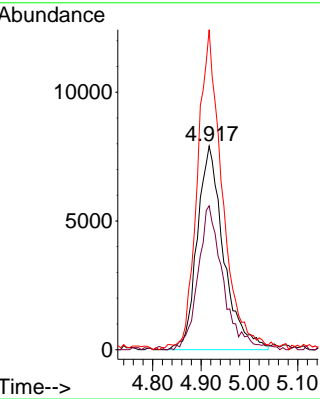


#16  
 Methylene chloride  
 Concen: 1.775 ug/L  
 RT: 4.917 min Scan# 497  
 Delta R.T. -0.000 min  
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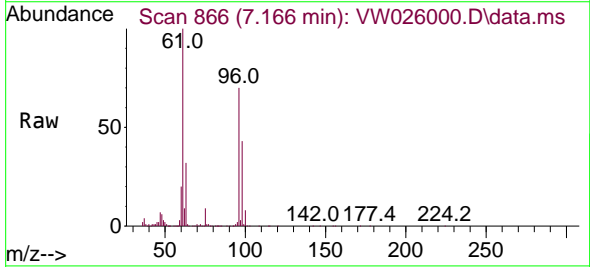
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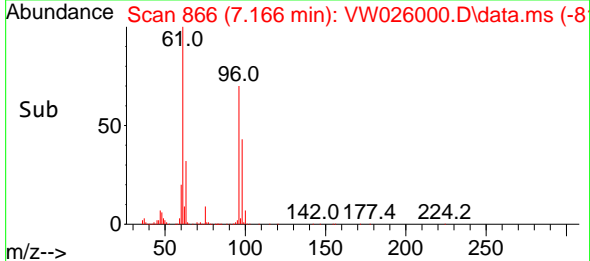
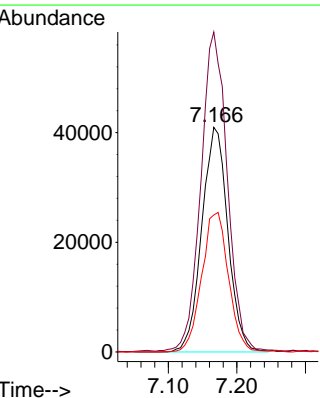
Tgt Ion	Resp	Lower	Upper
84	100		
86	70.6	41.7	77.5
49	157.1	95.3	177.1

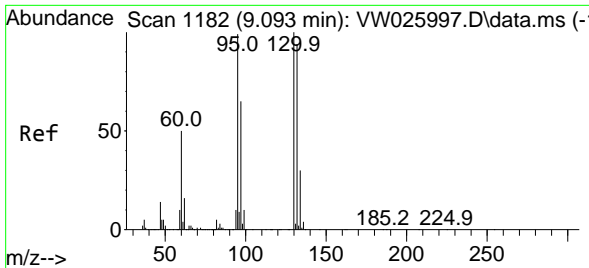


#20  
 cis-1,2-Dichloroethene  
 Concen: 8.443 ug/L  
 RT: 7.166 min Scan# 866  
 Delta R.T. -0.000 min  
 Lab File: VW026000.D  
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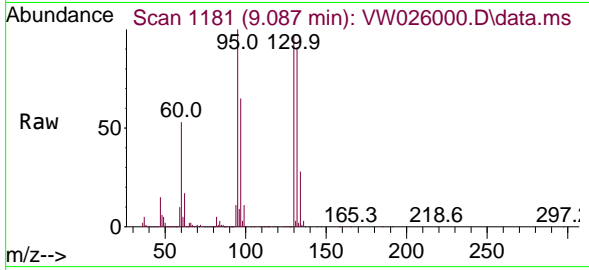
Tgt Ion	Resp	Lower	Upper
96	100		
61	142.4	98.6	183.0
98	61.0	45.2	84.0



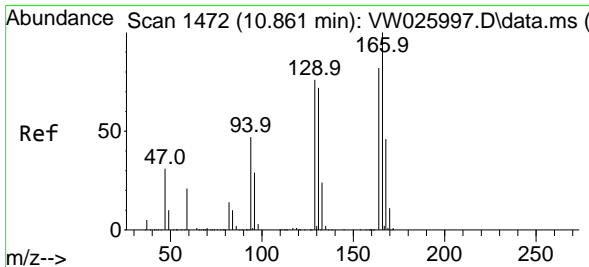
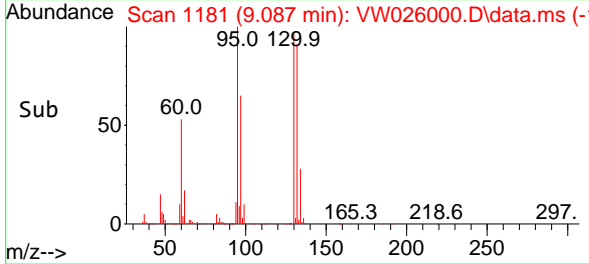
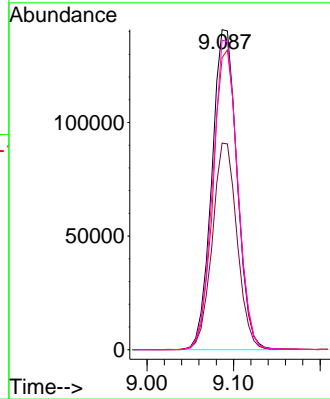


#34  
 Trichloroethene  
 Concen: 24.920 ug/L  
 RT: 9.087 min Scan# 1182  
 Delta R.T. -0.006 min  
 Lab File: VW026000.D  
 Acq: 19 May 2023 13:00

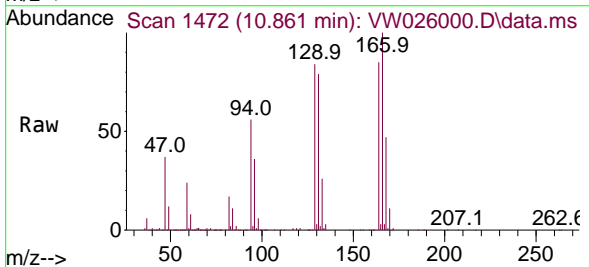
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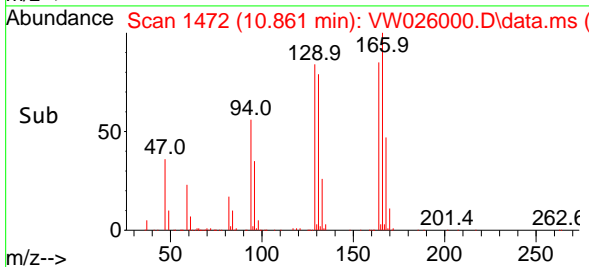
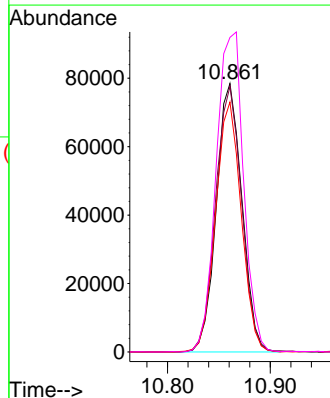
Tgt Ion: 95 Resp: 285040  
 Ion Ratio Lower Upper  
 95 100  
 97 64.5 45.9 85.3  
 132 91.3 66.0 122.6  
 130 96.8 65.9 122.3

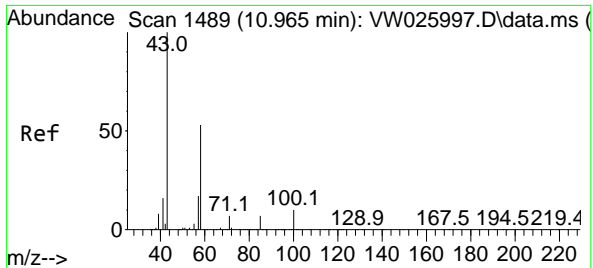


#46  
 Tetrachloroethene  
 Concen: 16.872 ug/L  
 RT: 10.861 min Scan# 1472  
 Delta R.T. -0.000 min  
 Lab File: VW026000.D  
 Acq: 19 May 2023 13:00



Tgt Ion:164 Resp: 135768  
 Ion Ratio Lower Upper  
 164 100  
 129 98.9 74.3 138.1  
 131 93.0 71.3 132.3  
 166 117.2 91.5 169.9





#48  
 2-Hexanone  
 Concen: 2.239 ug/L  
 RT: 10.922 min Scan# 14  
 Delta R.T. -0.043 min  
 Lab File: VW026000.D  
 Acq: 19 May 2023 13:00

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Tgt Ion: 43 Resp: 12752

Ion	Ratio	Lower	Upper
43	100		
58	28.1	40.8	61.2#
57	30.7	13.6	20.4#
100	1.8	8.0	12.0#

