

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)

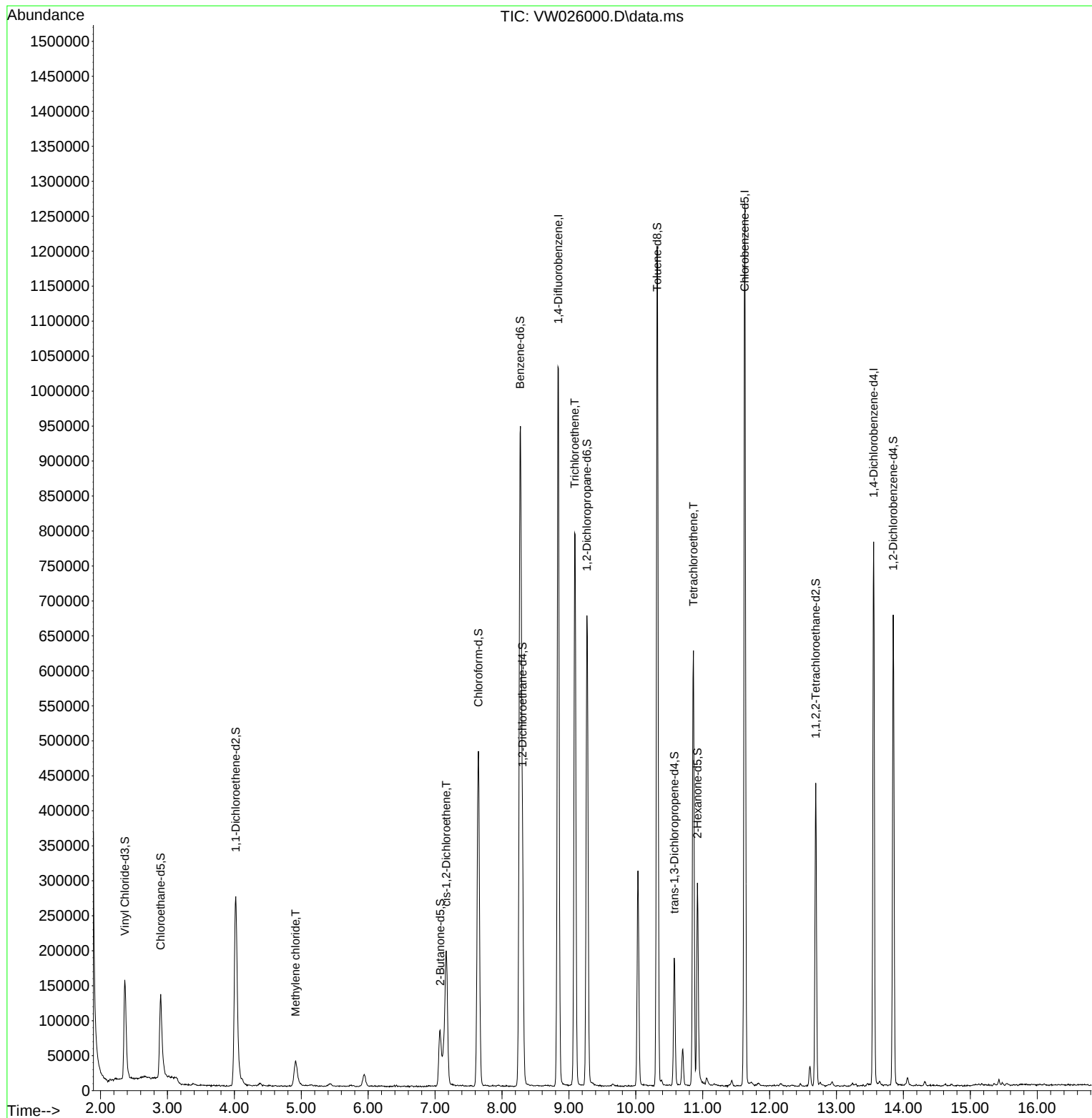
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	818531	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	644276	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	191370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	210997	18.191	ug/L	0.00
Spiked Amount	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						
					Qvalue	
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

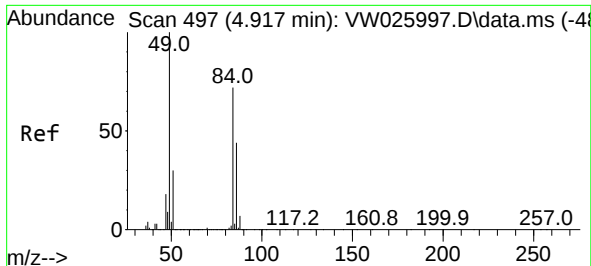
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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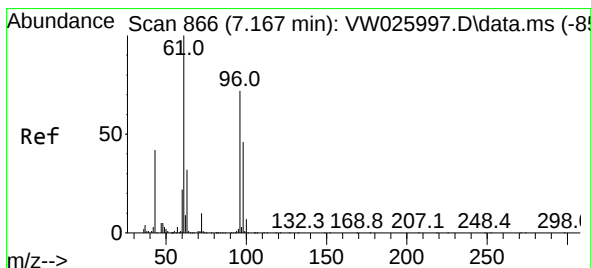
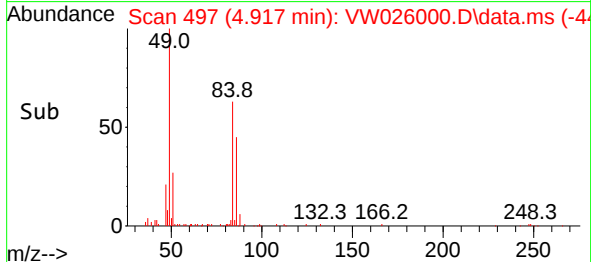
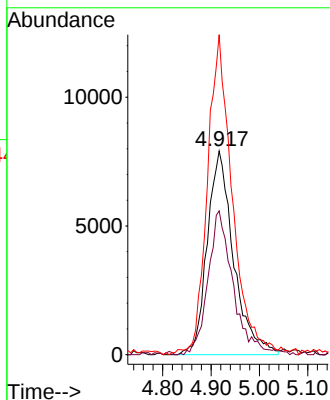
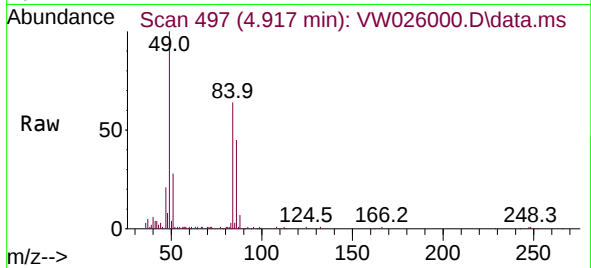




#16
Methylene chloride
Concen: 1.775 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026000.D
Acq: 19 May 2023 13:00

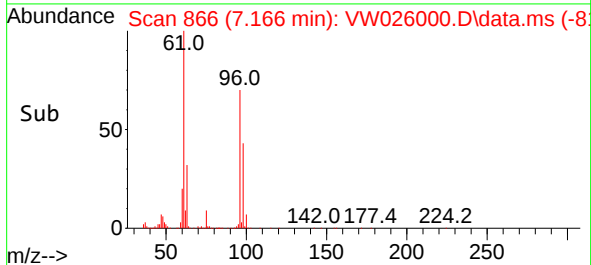
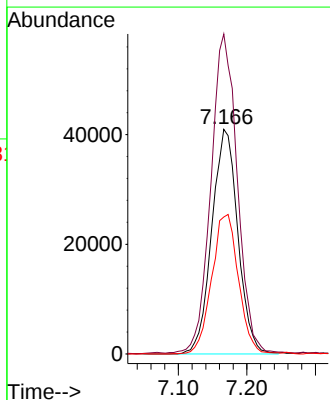
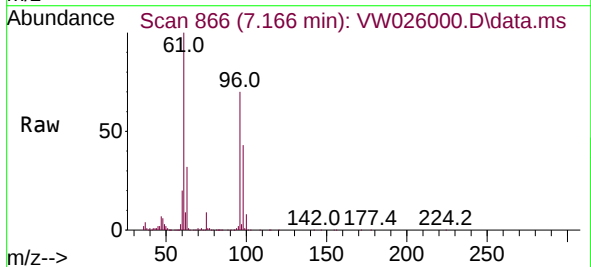
Instrument :
MSVOA_W
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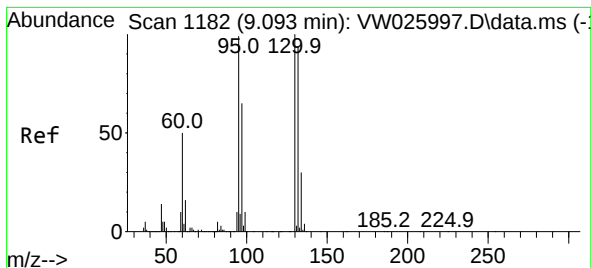
Tgt Ion: 84 Resp: 29969
Ion Ratio Lower Upper
84 100
86 70.6 41.7 77.5
49 157.1 95.3 177.1



#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
Acq: 19 May 2023 13:00

Tgt Ion: 96 Resp: 108175
Ion Ratio 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

Instrument :

MSVOA_W

ClientSampleId :

C11F9

Tgt Ion: 95 Resp: 285040

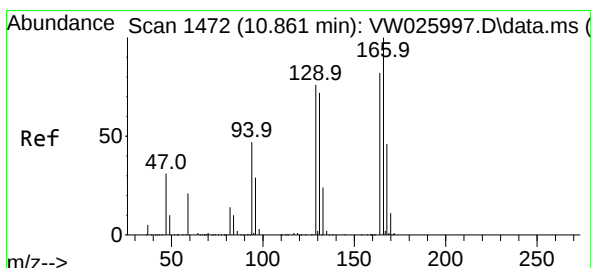
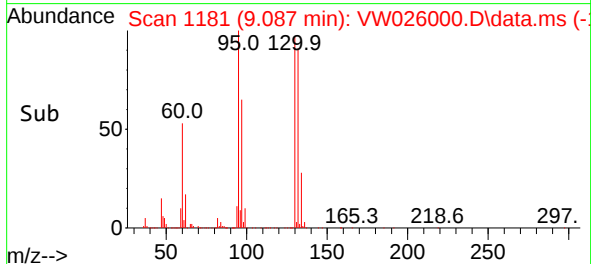
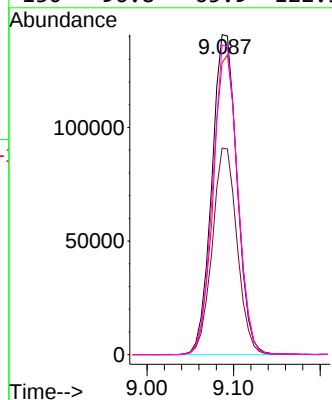
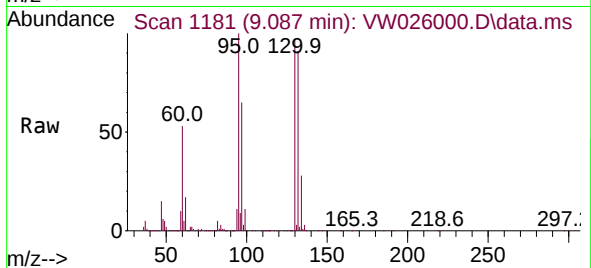
Ion Ratio Lower Upper

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

