

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051823\
 Data File : VW025991.D
 Acq On : 18 May 2023 13:35
 Operator : SY/MD
 Sample : 02841-04
 Misc : 6.01g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11F4

Quant Time: May 19 04:38:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 19 04:36:54 2023
 Response via : Initial Calibration

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

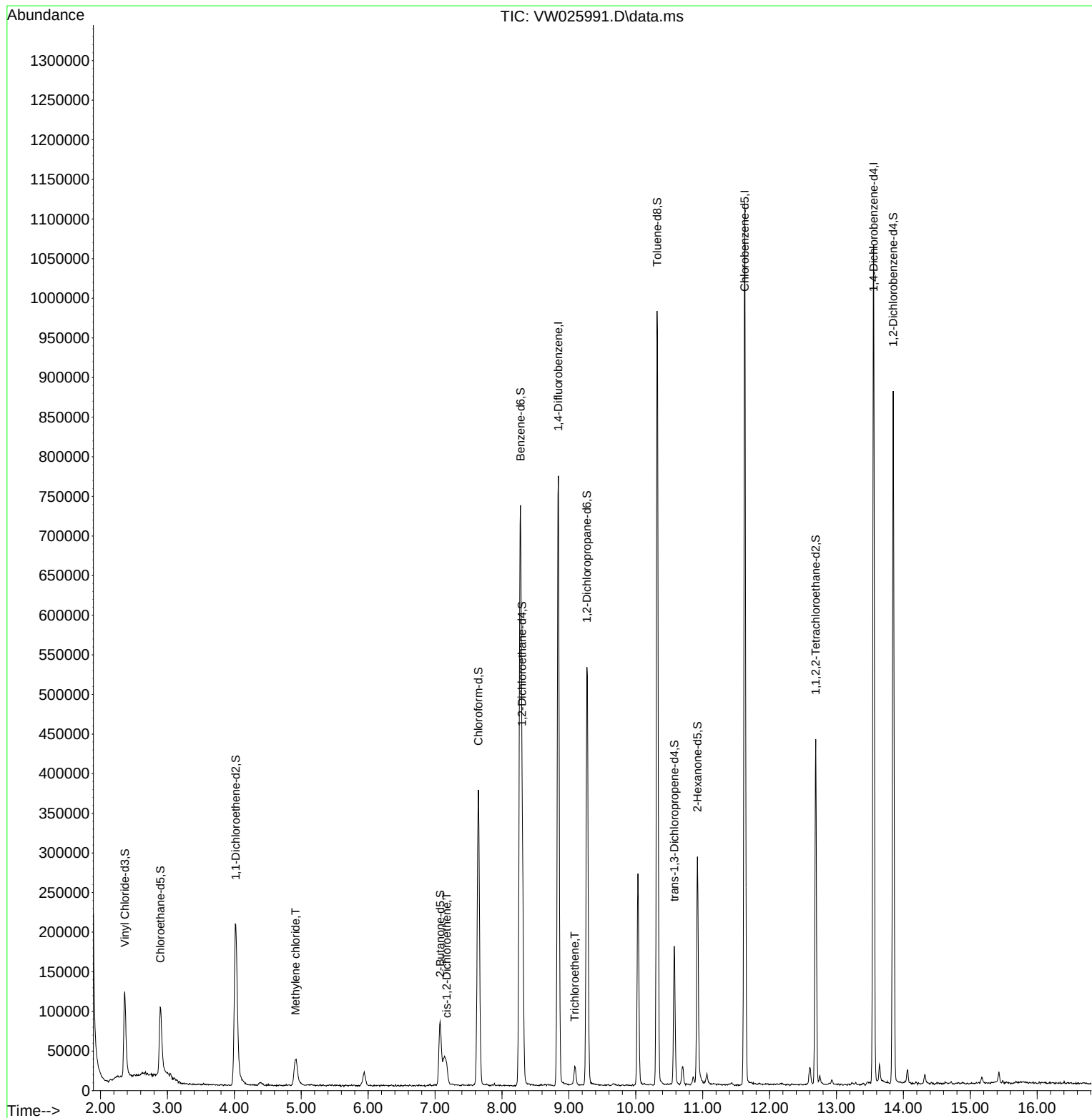
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	614564	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	572952	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	257341	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	160165	18.391	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	73.560%	
7) Chloroethane-d5	2.893	69	133550	20.685	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	82.720%	
11) 1,1-Dichloroethene-d2	4.021	65	80326	18.420	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	73.680%	
21) 2-Butanone-d5	7.075	46	145091	50.396	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	100.800%	
24) Chloroform-d	7.648	84	375445	21.186	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	84.760%	
26) 1,2-Dichloroethane-d4	8.301	65	220339	21.988	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	87.960%	
32) Benzene-d6	8.276	84	731979	19.552	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	78.200%	
36) 1,2-Dichloropropane-d6	9.270	67	247688	20.678	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	82.720%	
41) Toluene-d8	10.319	98	622259	18.639	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	74.560%	
43) trans-1,3-Dichloroprop...	10.575	79	94797	19.524	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	78.080%	
47) 2-Hexanone-d5	10.922	63	94760	46.393	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	92.780%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215416	23.595	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	94.360%	
66) 1,2-Dichlorobenzene-d4	13.849	152	205493	21.905	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	87.600%	
Target Compounds						
					Qvalue	
16) Methylene chloride	4.917	84	29681	2.342	ug/L	91
20) cis-1,2-Dichloroethene	7.173	96	13836	1.438	ug/L	88
34) Trichloroethene	9.087	95	7888	0.775	ug/L	86

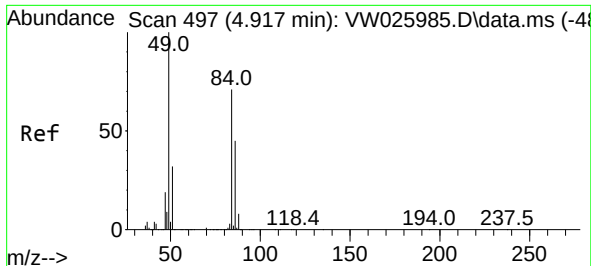
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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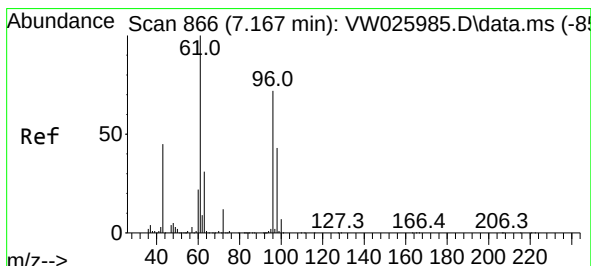
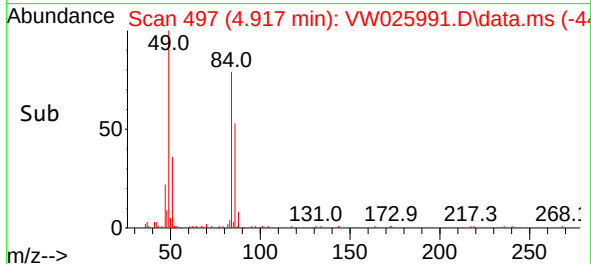
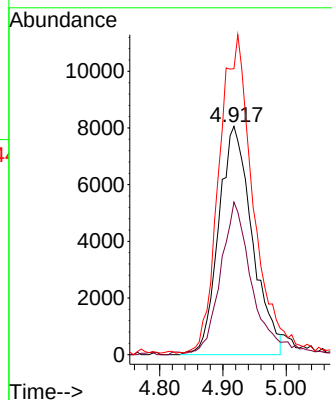
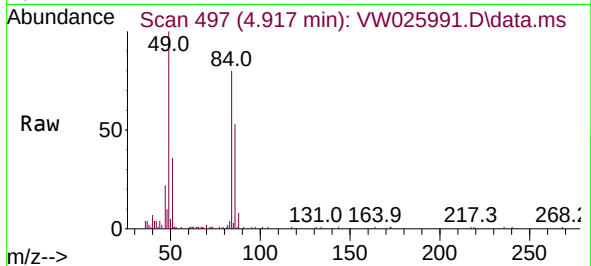




#16
Methylene chloride
Concen: 2.342 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025991.D
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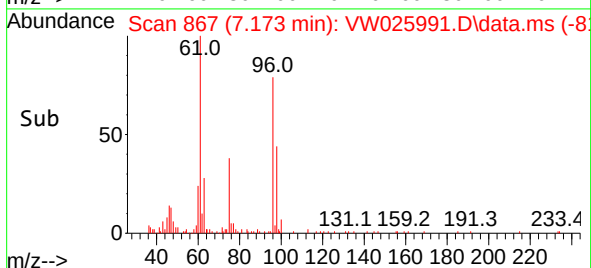
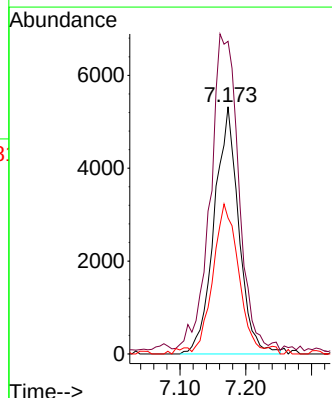
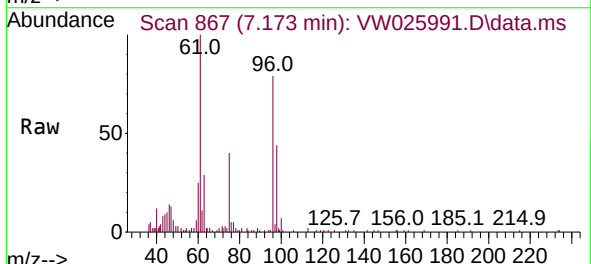
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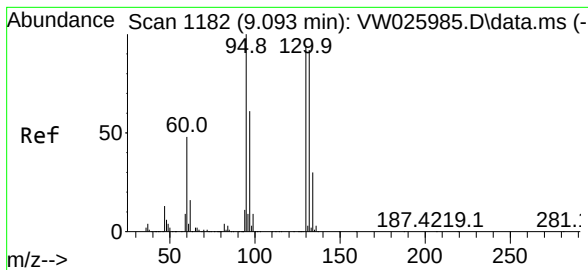
Tgt Ion: 84 Resp: 29681
Ion Ratio Lower Upper
84 100
86 66.8 41.7 77.5
49 125.3 95.3 177.1



#20
cis-1,2-Dichloroethene
Concen: 1.438 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025991.D
Acq: 18 May 2023 13:35

Tgt Ion: 96 Resp: 13836
Ion Ratio Lower Upper
96 100
61 126.4 98.6 183.0
98 55.0 45.2 84.0





#34

Trichloroethene

Concen: 0.775 ug/L

RT: 9.087 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025991.D

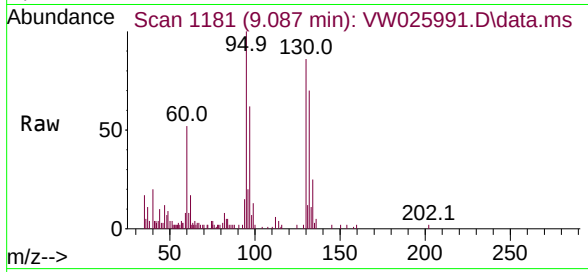
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MSVOA_W

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Tgt Ion: 95 Resp: 7888

Ion Ratio Lower Upper

95 100

97 61.8 45.9 85.3

132 70.3 66.0 122.6

130 85.9 65.9 122.3

