

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026890.D
 Acq On : 25 Aug 2023 13:06
 Operator : SY/MD
 Sample : 04157-05
 Misc : 6.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 01:45:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 01:43:45 2023
 Response via : Initial Calibration

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

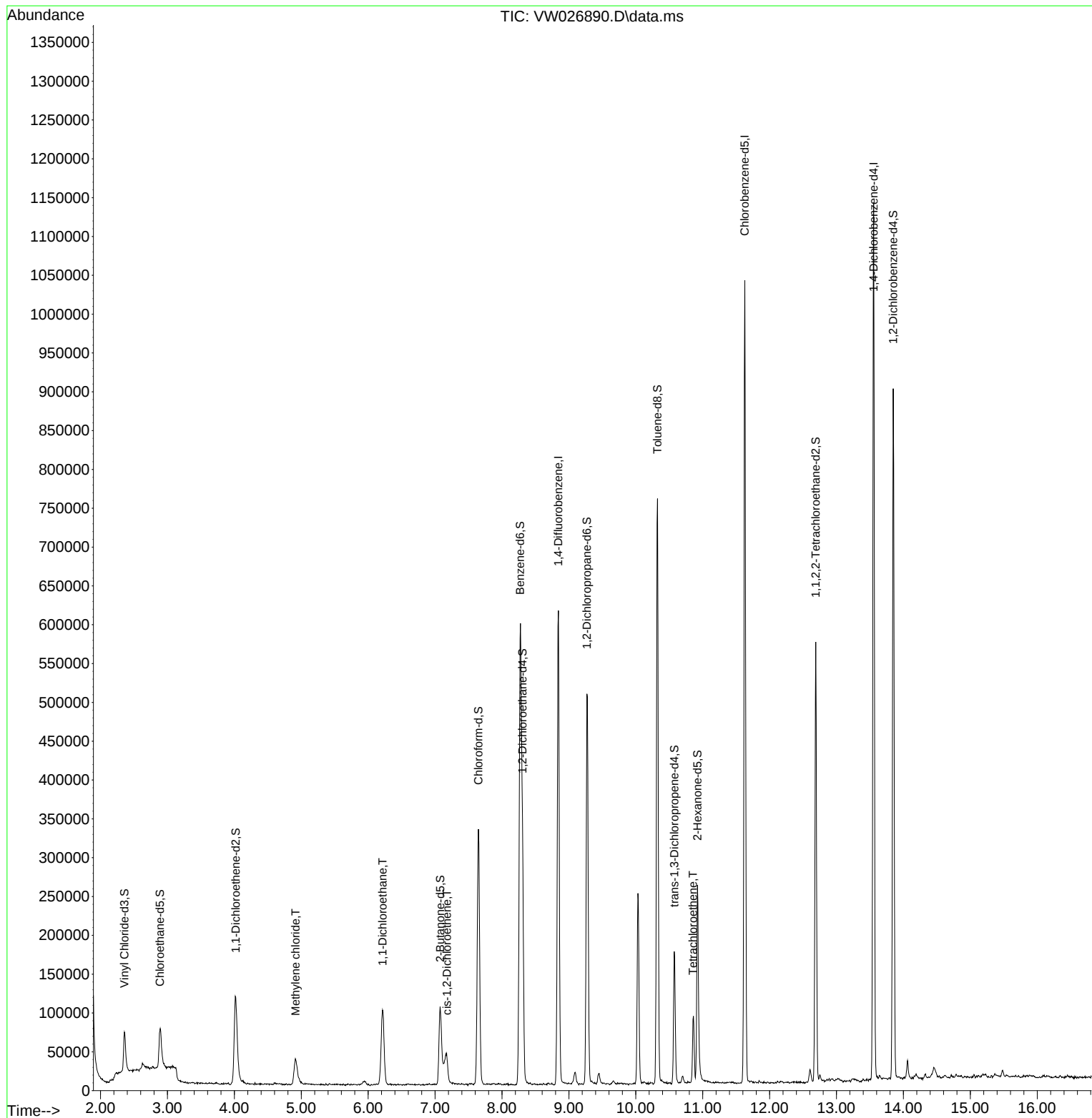
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	477958	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	533486	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	279077	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	76762	9.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.080%
7) Chloroethane-d5	2.887	69	79900	13.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.720%
11) 1,1-Dichloroethene-d2	4.021	65	45107	11.673	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.680%
21) 2-Butanone-d5	7.075	46	176051	77.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.920%#
24) Chloroform-d	7.648	84	331346	20.655	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.640%
26) 1,2-Dichloroethane-d4	8.307	65	237318	26.808	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.240%
32) Benzene-d6	8.270	84	585641	15.928	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.720%
36) 1,2-Dichloropropane-d6	9.270	67	240737	21.020	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.080%
41) Toluene-d8	10.325	98	488885	15.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.960%
43) trans-1,3-Dichloroprop...	10.575	79	95050	20.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.400%
47) 2-Hexanone-d5	10.922	63	83019	68.986	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.980%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	282937	31.283	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.120%#
66) 1,2-Dichlorobenzene-d4	13.848	152	215811	21.605	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.440%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.917	84	27597	2.985	ug/L	92
19) 1,1-Dichloroethane	6.216	63	145604	8.974	ug/L	100
20) cis-1,2-Dichloroethene	7.179	96	17489	2.064	ug/L	85
46) Tetrachloroethene	10.855	164	19421	2.702	ug/L	92

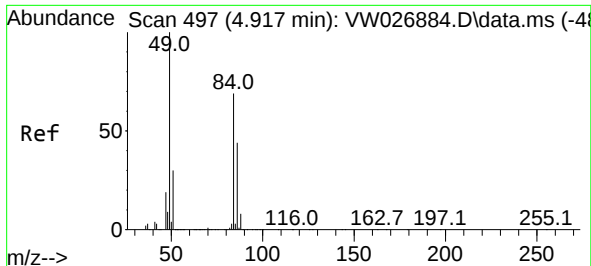
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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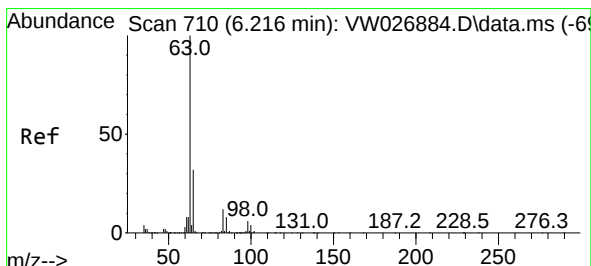
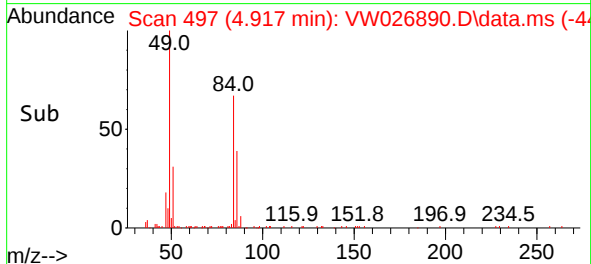
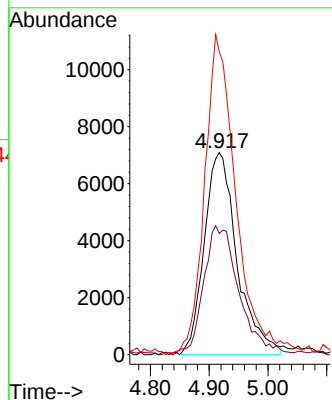
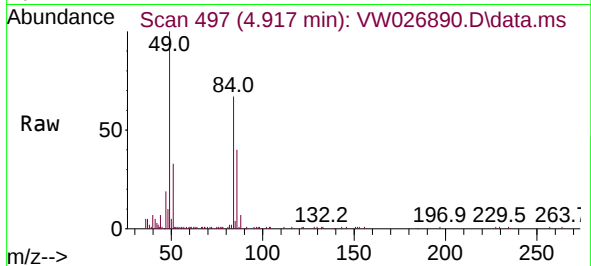




#16
Methylene chloride
Concen: 2.985 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026890.D
Acq: 25 Aug 2023 13:06

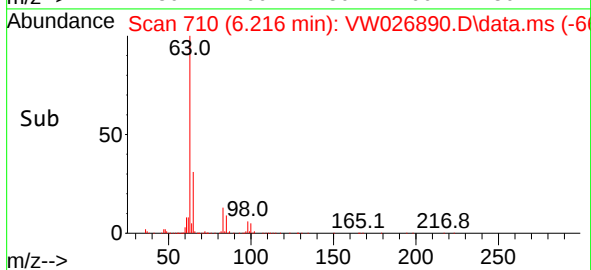
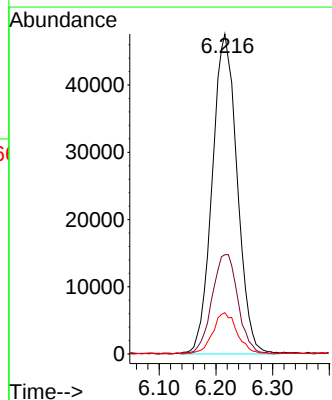
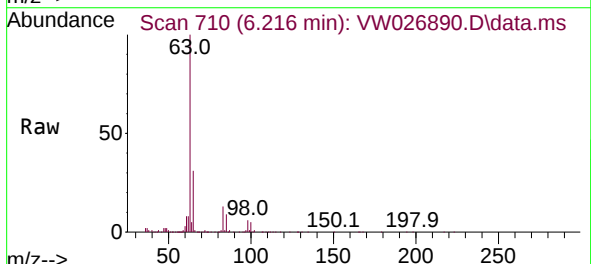
Instrument :
MSVOA_W
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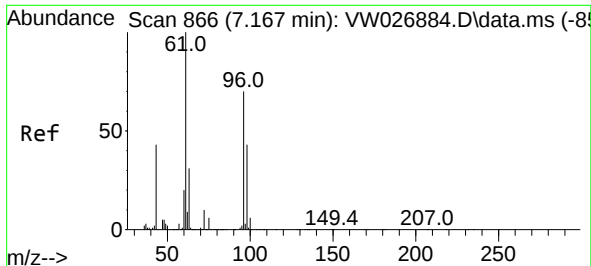
Tgt Ion: 84 Resp: 27597
Ion Ratio Lower Upper
84 100
86 60.0 43.5 80.9
49 150.0 96.0 178.2



#19
1,1-Dichloroethane
Concen: 8.974 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026890.D
Acq: 25 Aug 2023 13:06

Tgt Ion: 63 Resp: 145604
Ion Ratio Lower Upper
63 100
65 31.0 21.8 40.6
83 12.9 9.0 16.6

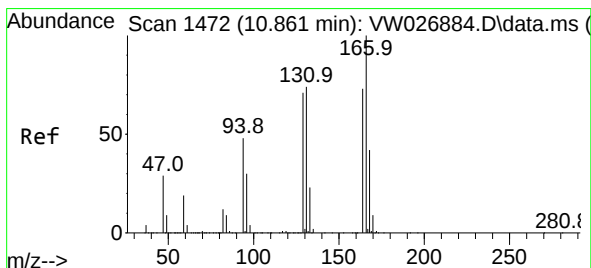
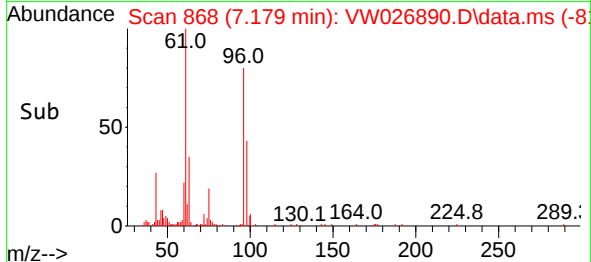
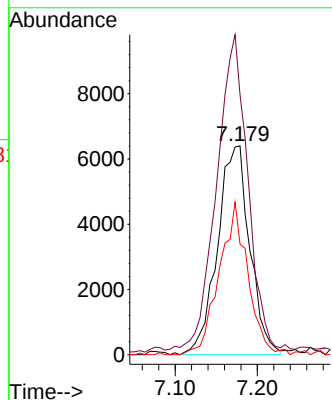
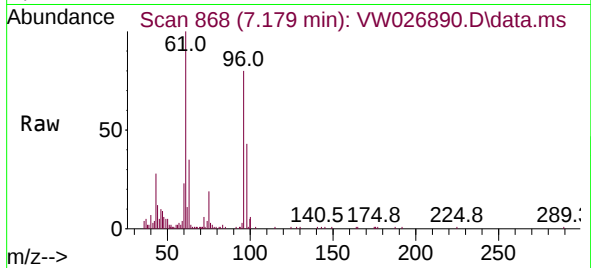




#20
 cis-1,2-Dichloroethene
 Concen: 2.064 ug/L
 RT: 7.179 min Scan# 866
 Delta R.T. 0.012 min
 Lab File: VW026890.D
 Acq: 25 Aug 2023 13:06

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 17489
 Ion Ratio Lower Upper
 96 100
 61 124.4 101.2 188.0
 98 53.0 43.8 81.3



#46
 Tetrachloroethene
 Concen: 2.702 ug/L
 RT: 10.855 min Scan# 1471
 Delta R.T. -0.006 min
 Lab File: VW026890.D
 Acq: 25 Aug 2023 13:06

Tgt Ion: 164 Resp: 19421
 Ion Ratio Lower Upper
 164 100
 129 92.3 68.1 126.5
 131 92.0 65.5 121.7
 166 109.3 89.1 165.5

