

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026898.D
 Acq On : 25 Aug 2023 16:19
 Operator : SY/MD
 Sample : 04157-06RE
 Misc : 5.23g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 01:48:04 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)

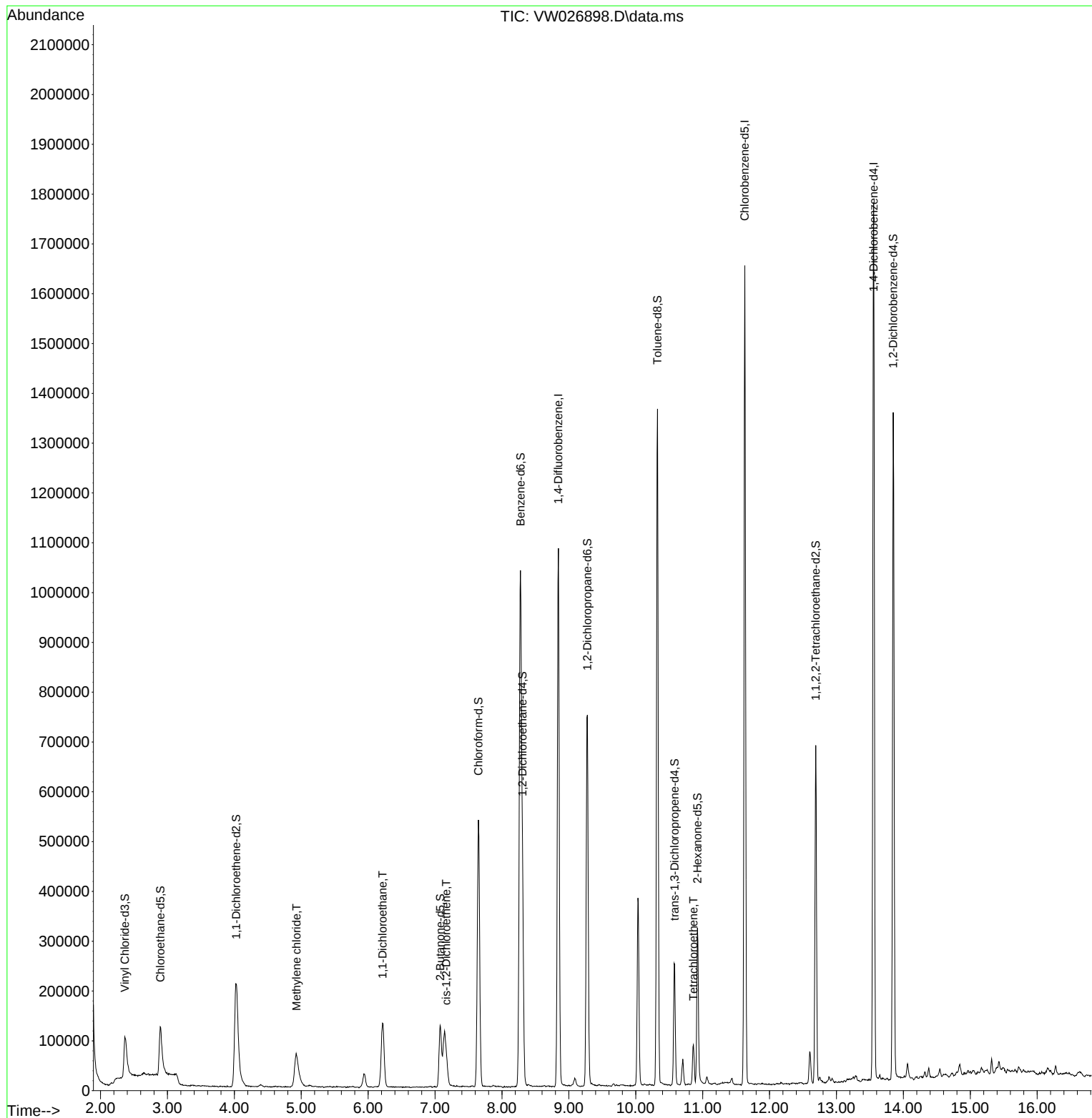
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	867405	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	848763	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	465781	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	179605	12.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.400%
7) Chloroethane-d5	2.893	69	160639	15.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.600%
11) 1,1-Dichloroethene-d2	4.027	65	97585	13.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.640%
21) 2-Butanone-d5	7.075	46	221269	53.990	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.980%
24) Chloroform-d	7.648	84	539006	18.515	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.040%
26) 1,2-Dichloroethane-d4	8.307	65	317231	19.746	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.000%
32) Benzene-d6	8.276	84	1050538	17.959	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.840%
36) 1,2-Dichloropropane-d6	9.276	67	365425	20.055	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.240%
41) Toluene-d8	10.325	98	857055	17.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.280%
43) trans-1,3-Dichloroprop...	10.581	79	136629	18.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.640%
47) 2-Hexanone-d5	10.922	63	107959	56.387	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	346645	24.090	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.360%
66) 1,2-Dichlorobenzene-d4	13.849	152	331642	19.893	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.560%
Target Compounds						Qvalue
16) Methylene chloride	4.929	84	68985	4.111	ug/L	97
19) 1,1-Dichloroethane	6.216	63	197313	6.701	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	22930	1.491	ug/L	98
46) Tetrachloroethene	10.861	164	17646	1.543	ug/L	99

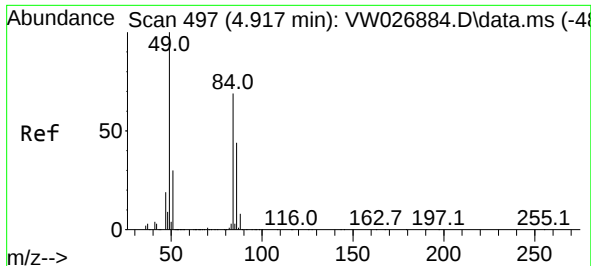
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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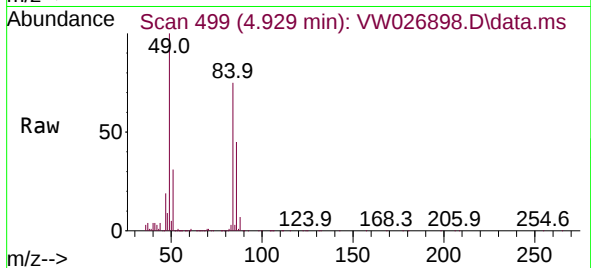
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
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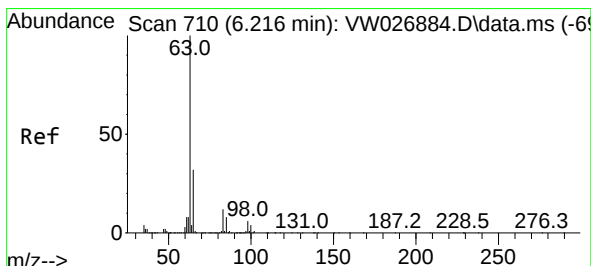
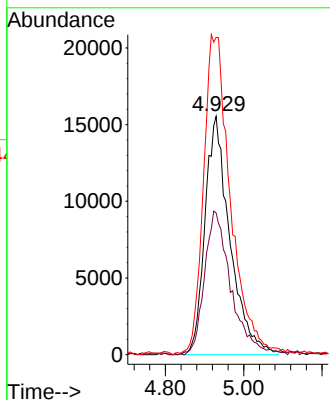
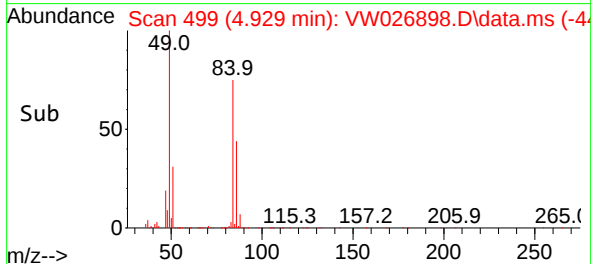


#16
Methylene chloride
Concen: 4.111 ug/L
RT: 4.929 min Scan# 497
Delta R.T. 0.012 min
Lab File: VW026898.D
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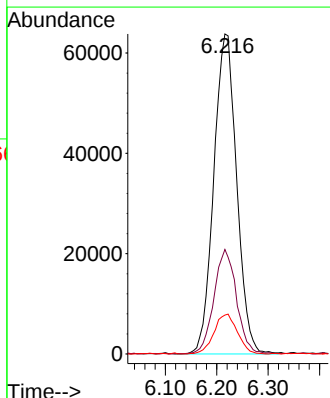
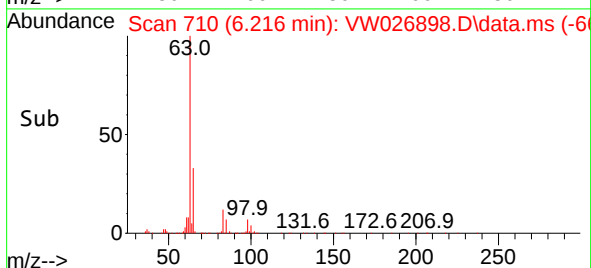
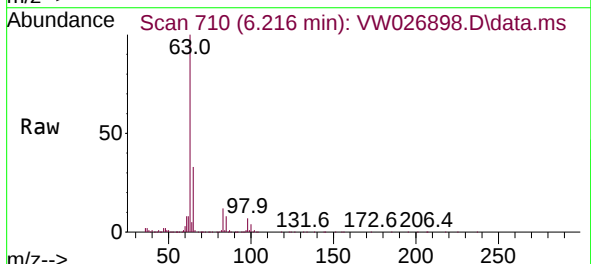


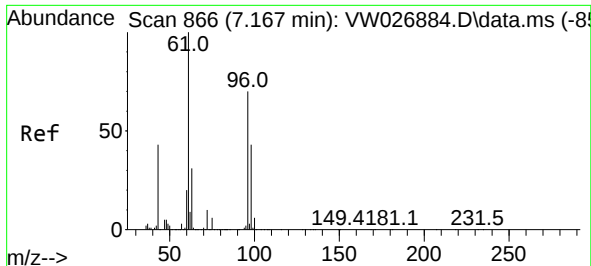
Tgt Ion: 84 Resp: 68985
Ion Ratio Lower Upper
84 100
86 59.5 43.5 80.9
49 133.2 96.0 178.2



#19
1,1-Dichloroethane
Concen: 6.701 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026898.D
Acq: 25 Aug 2023 16:19

Tgt Ion: 63 Resp: 197313
Ion Ratio Lower Upper
63 100
65 32.7 21.8 40.6
83 12.1 9.0 16.6

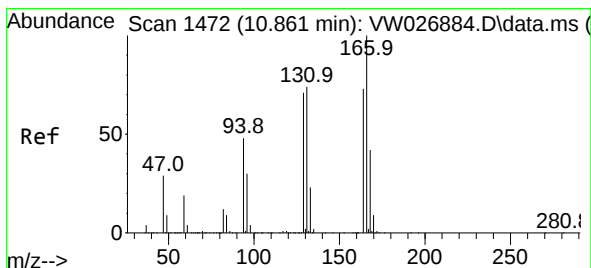
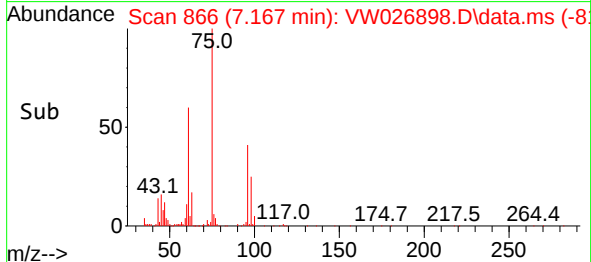
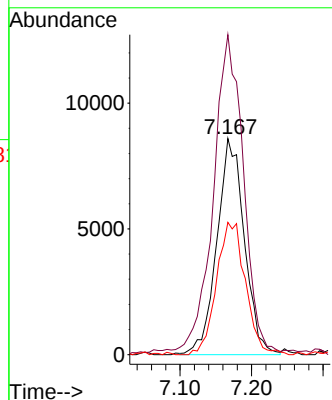
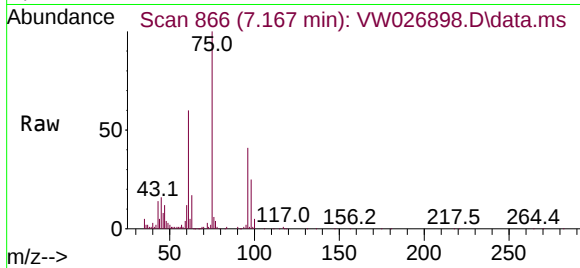




#20
 cis-1,2-Dichloroethene
 Concen: 1.491 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW026898.D
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Tgt Ion: 96 Resp: 22930
 Ion Ratio Lower Upper
 96 100
 61 148.1 101.2 188.0
 98 61.2 43.8 81.3



#46
 Tetrachloroethene
 Concen: 1.543 ug/L
 RT: 10.861 min Scan# 1472
 Delta R.T. 0.000 min
 Lab File: VW026898.D
 Acq: 25 Aug 2023 16:19

Tgt Ion: 164 Resp: 17646
 Ion Ratio Lower Upper
 164 100
 129 97.0 68.1 126.5
 131 92.5 65.5 121.7
 166 125.5 89.1 165.5

