

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
 Data File : VW026879.D
 Acq On : 25 Aug 2023 02:29
 Operator : SY/MD
 Sample : 05157-06
 Misc : 5.04g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 25 05:25:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 05:00:16 2023
 Response via : Initial Calibration

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

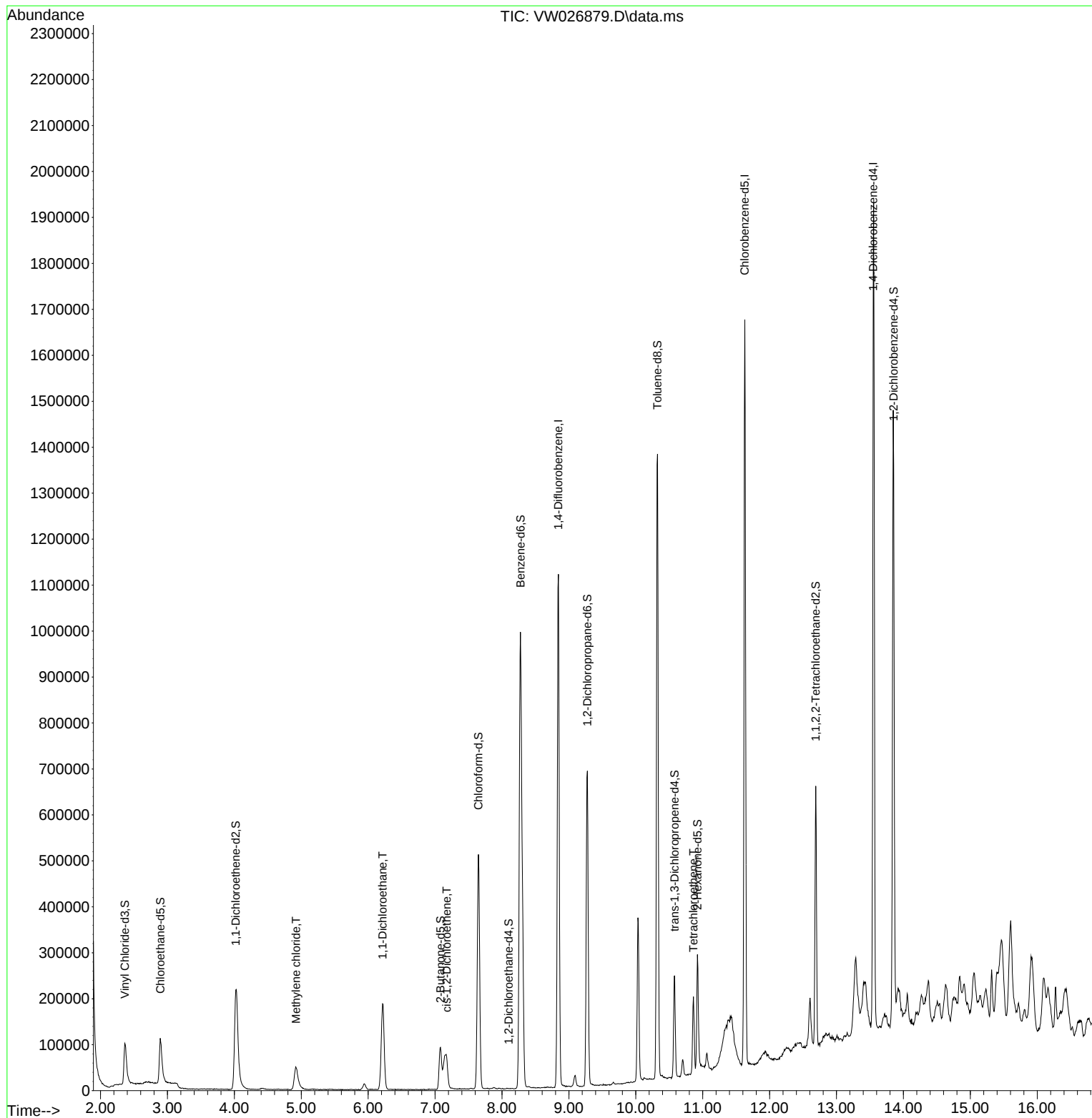
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	945851	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	888494	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	477910	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	162624	10.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.840%
7) Chloroethane-d5	2.893	69	156442	13.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.120%
11) 1,1-Dichloroethene-d2	4.021	65	90811	11.875	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.480%
21) 2-Butanone-d5	7.081	46	163752	36.642	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.280%
24) Chloroform-d	7.648	84	531221	16.734	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.920%
26) 1,2-Dichloroethane-d4	8.099	65	83	0.005	ug/L	-0.21
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.000%#
32) Benzene-d6	8.276	84	1035306	16.907	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.640%
36) 1,2-Dichloropropane-d6	9.276	67	335529	17.591	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.360%
41) Toluene-d8	10.325	98	924018	17.579	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.320%
43) trans-1,3-Dichloroprop...	10.581	79	128430	16.308	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.240%
47) 2-Hexanone-d5	10.922	63	88543	44.178	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	294687	19.563	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.240%
66) 1,2-Dichlorobenzene-d4	13.854	152	352115	20.585	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.320%
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	46811	2.558	ug/L	88
19) 1,1-Dichloroethane	6.216	63	280241	8.728	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	33474	1.996	ug/L	90
46) Tetrachloroethene	10.861	164	38441	3.211	ug/L	95

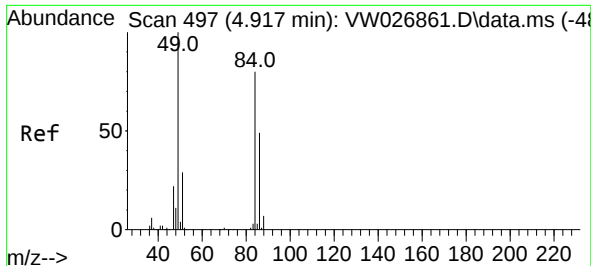
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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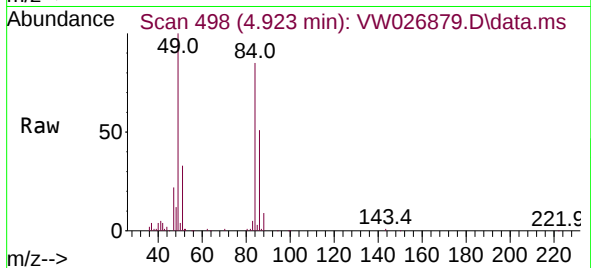
Quant Time: Aug 25 05:25:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
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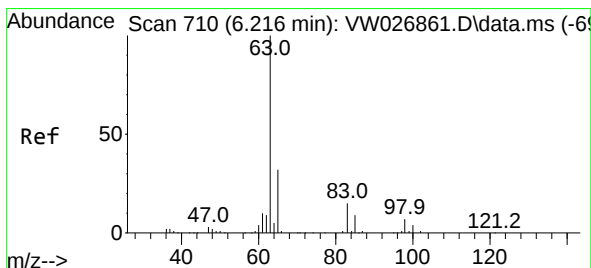
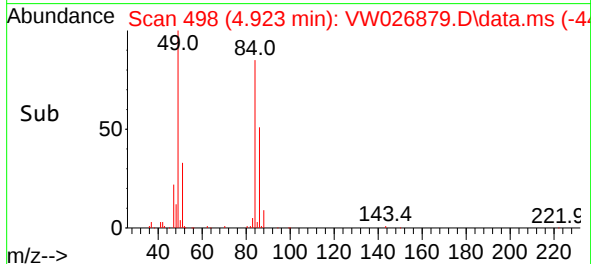
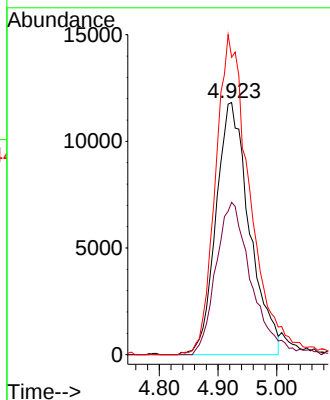


#16
Methylene chloride
Concen: 2.558 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW026879.D
Acq: 25 Aug 2023 02:29

Instrument :
MSVOA_W
ClientSampleId :

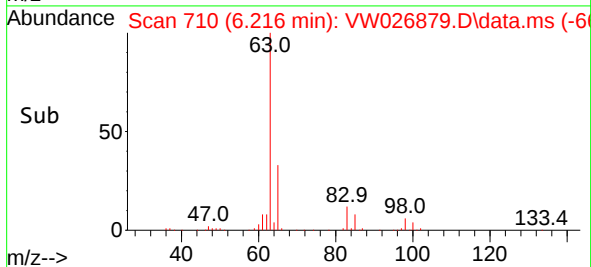
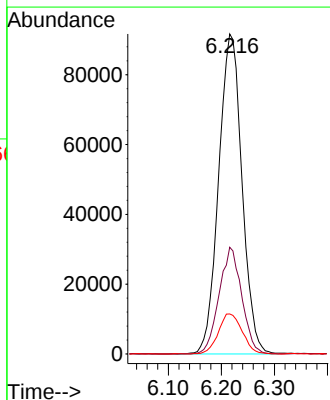
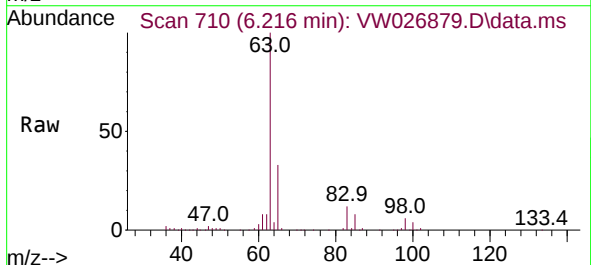


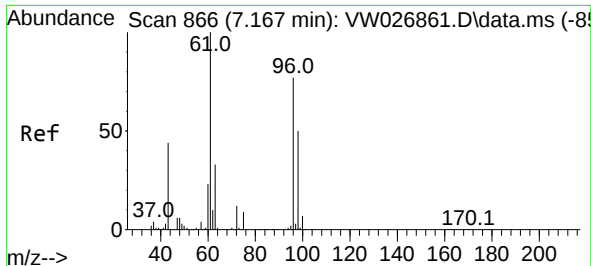
Tgt Ion: 84 Resp: 46811
Ion Ratio Lower Upper
84 100
86 60.4 43.5 80.9
49 118.0 96.0 178.2



#19
1,1-Dichloroethane
Concen: 8.728 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026879.D
Acq: 25 Aug 2023 02:29

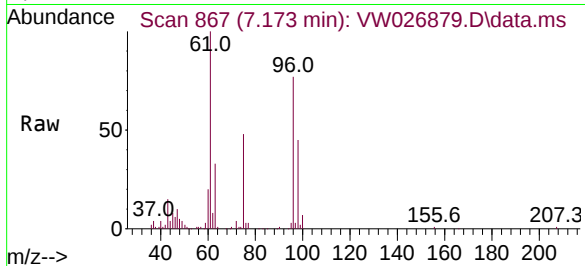
Tgt Ion: 63 Resp: 280241
Ion Ratio Lower Upper
63 100
65 33.3 21.8 40.6
83 12.5 9.0 16.6





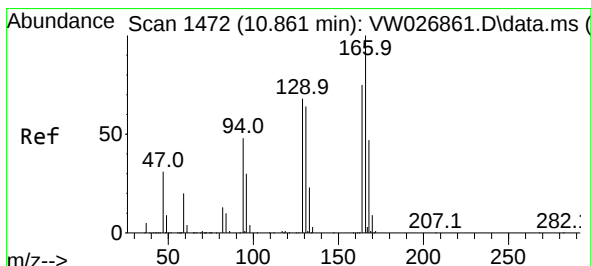
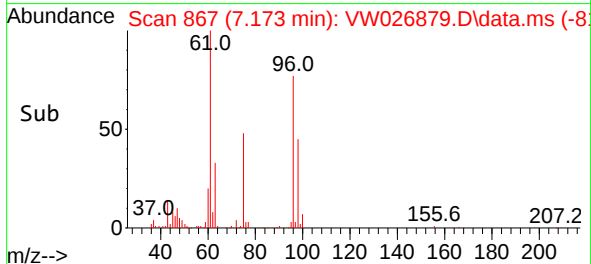
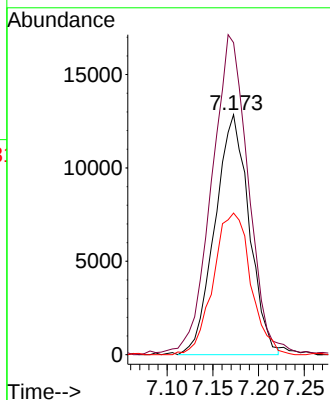
#20
 cis-1,2-Dichloroethene
 Concen: 1.996 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW026879.D
 Acq: 25 Aug 2023 02:29

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 ClientSampleId :



Tgt Ion: 96 Resp: 33474

Ion	Ratio	Lower	Upper
96	100		
61	130.0	101.2	188.0
98	59.0	43.8	81.3



#46
 Tetrachloroethene
 Concen: 3.211 ug/L
 RT: 10.861 min Scan# 1472
 Delta R.T. -0.000 min
 Lab File: VW026879.D
 Acq: 25 Aug 2023 02:29

Tgt Ion: 164 Resp: 38441

Ion	Ratio	Lower	Upper
164	100		
129	88.6	68.1	126.5
131	91.9	65.5	121.7
166	132.2	89.1	165.5

