

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
 Data File : VW026827.D
 Acq On : 23 Aug 2023 19:20
 Operator : SY/MD
 Sample : 04138-01
 Misc : 5.33g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCHQ5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

Quant Time: Aug 24 01:44:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	506856	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	430867	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129387	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	88370	10.606	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	42.440%		
7) Chloroethane-d5	2.893	69	78894	12.734	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	50.920%		
11) 1,1-Dichloroethene-d2	4.027	65	51062	12.460	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	49.840%		
21) 2-Butanone-d5	7.081	46	104687	43.714	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.420%		
24) Chloroform-d	7.648	84	303678m	17.851	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	71.400%		
26) 1,2-Dichloroethane-d4	8.307	65	187822	20.007	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.040%		
32) Benzene-d6	8.276	84	545591	18.373	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	73.480%		
36) 1,2-Dichloropropane-d6	9.270	67	182894	19.773	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.080%		
41) Toluene-d8	10.325	98	402348	15.784	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	63.120%		
43) trans-1,3-Dichloroprop...	10.575	79	72560	18.999	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.000%		
47) 2-Hexanone-d5	10.922	63	50907	52.377	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.760%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	171239	23.442	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.760%		
66) 1,2-Dichlorobenzene-d4	13.854	152	92081	19.883	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.520%		
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	37305	3.805	ug/L	90
46) Tetrachloroethene	10.861	164	147839	25.464	ug/L	91

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

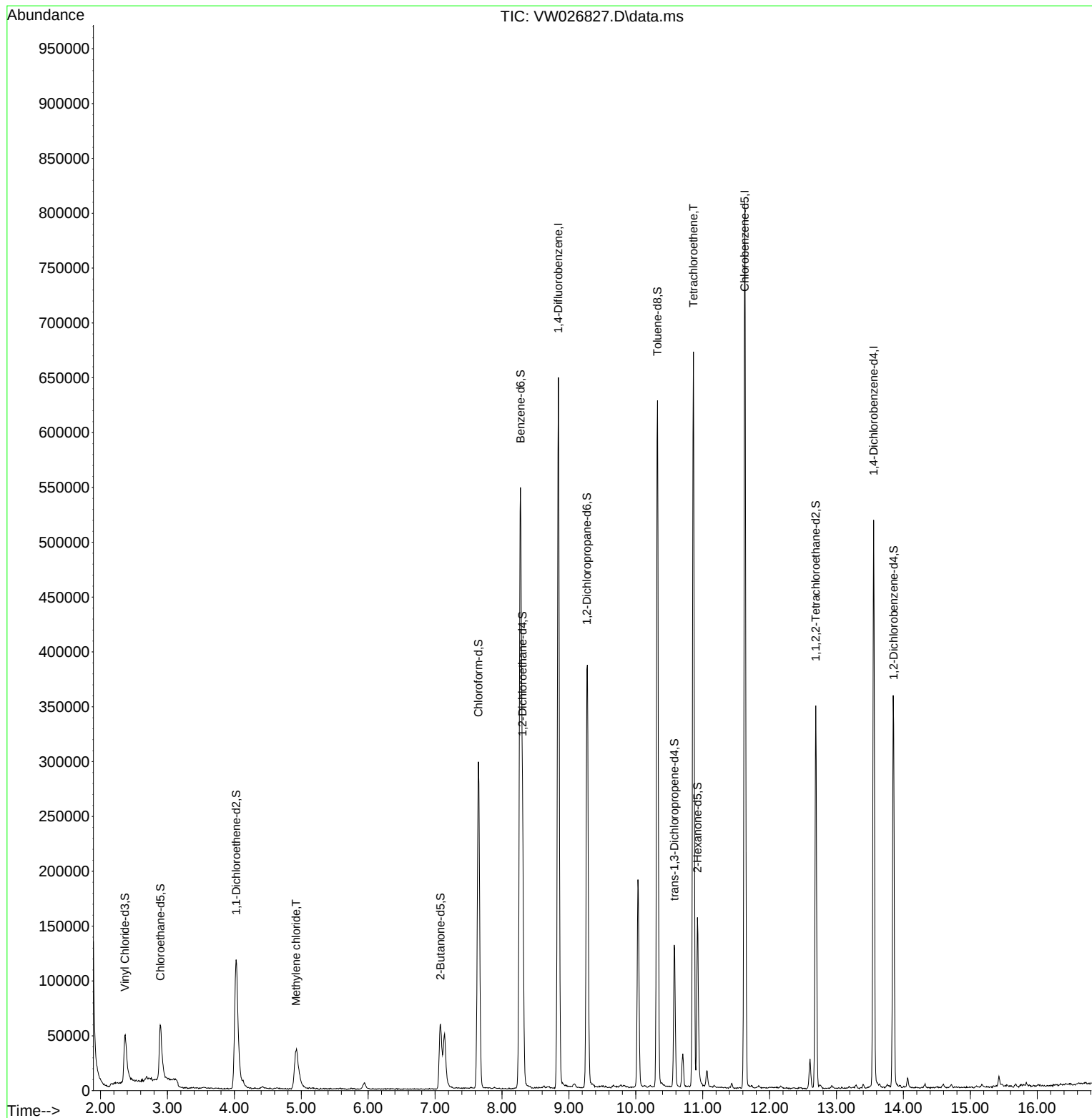
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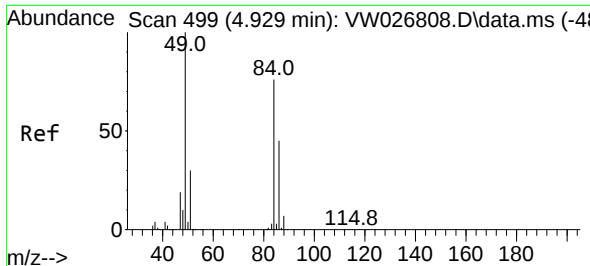
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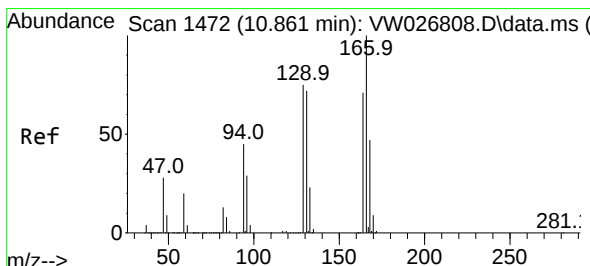
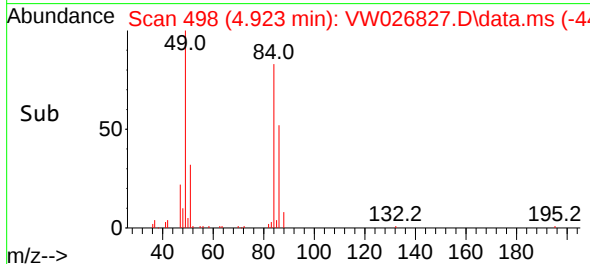
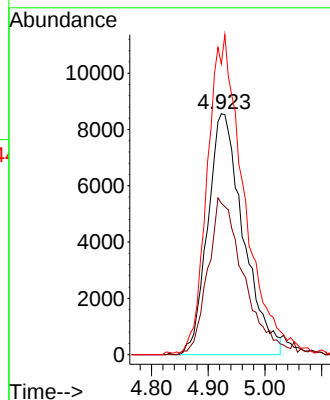
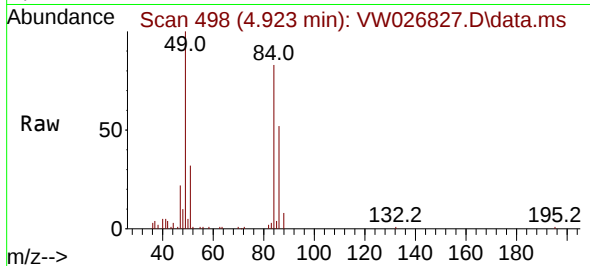
#16
Methylene chloride
Concen: 3.805 ug/L
RT: 4.923 min Scan# 499
Delta R.T. 0.006 min
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Tgt Ion: 84 Resp: 3730
Ion Ratio Lower Upper
84 100
86 62.9 43.5 80.9
49 120.6 96.0 178.2

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#46
Tetrachloroethene
Concen: 25.464 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
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Tgt Ion:164 Resp: 147839
Ion Ratio Lower Upper
164 100
129 89.3 68.1 126.5
131 86.6 65.5 121.7
166 113.4 89.1 165.5

