

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
 Data File : VV036030.D
 Acq On : 11 Jun 2024 12:17
 Operator : SY/MD
 Sample : VV0611SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK318

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/12/2024
 Supervised By :Semsettin Yesilyurt 06/12/2024

Quant Time: Jun 12 02:06:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	427531	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	420732	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	184656	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	136997	17.429	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.720%		
7) Chloroethane-d5	1.529	69	121523	19.390	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.560%		
11) 1,1-Dichloroethene-d2	2.053	65	64894	18.546	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.200%		
21) 2-Butanone-d5	3.841	46	79662m	44.173	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.340%		
24) Chloroform-d	4.246	84	269188	19.805	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.200%		
26) 1,2-Dichloroethane-d4	4.937	65	143424	20.126	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.520%		
32) Benzene-d6	4.953	84	523789	20.944	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.760%		
36) 1,2-Dichloropropane-d6	5.986	67	172241	21.870	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.480%		
41) Toluene-d8	7.239	98	436352	19.774	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.080%		
43) trans-1,3-Dichloroprop...	7.555	79	62725	19.424	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.680%		
47) 2-Hexanone-d5	8.030	63	44987	42.160	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.320%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	134348	22.828	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.320%		
66) 1,2-Dichlorobenzene-d4	11.558	152	156965	23.180	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.720%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	27729	2.866	ug/L	99

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

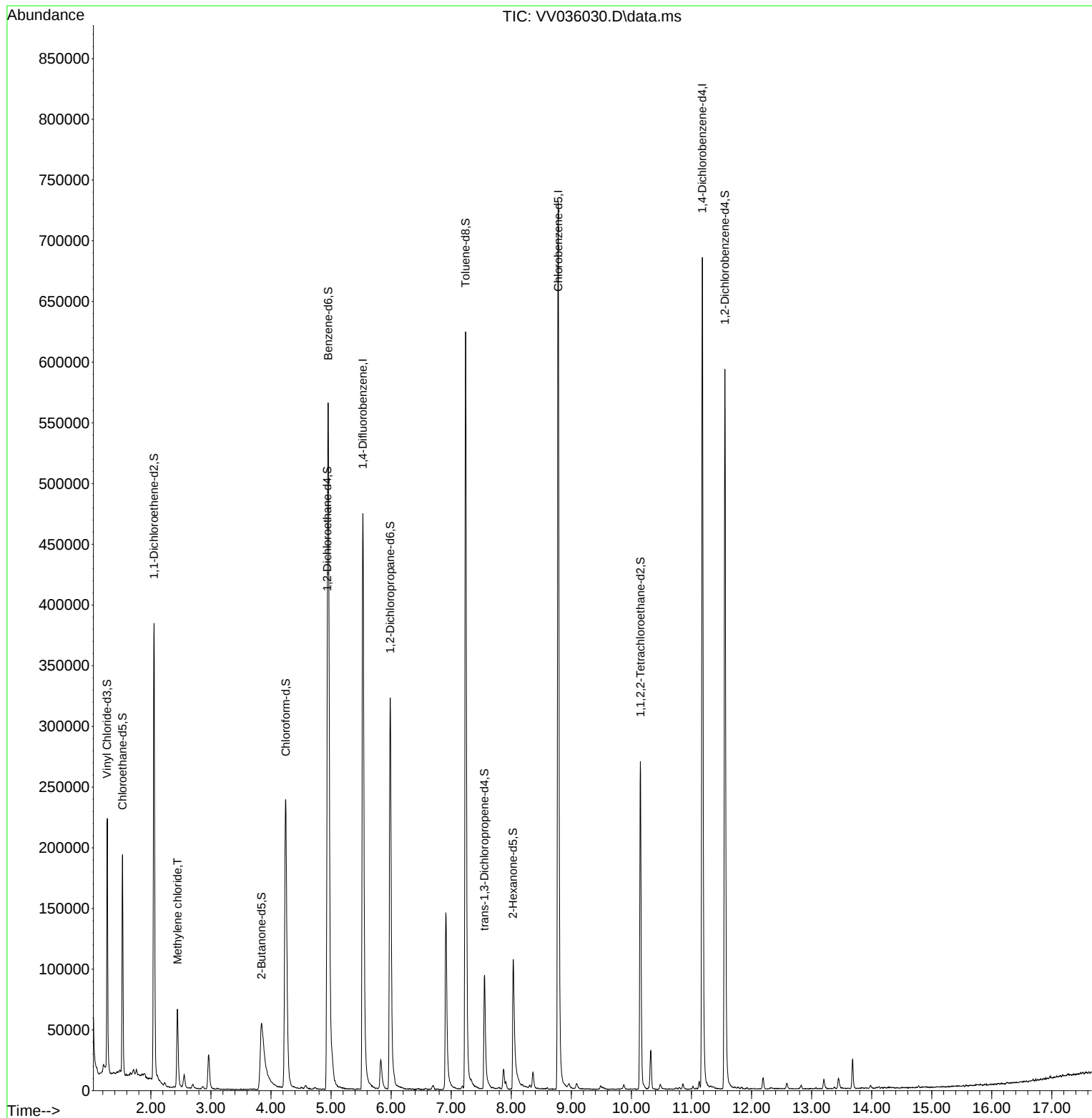
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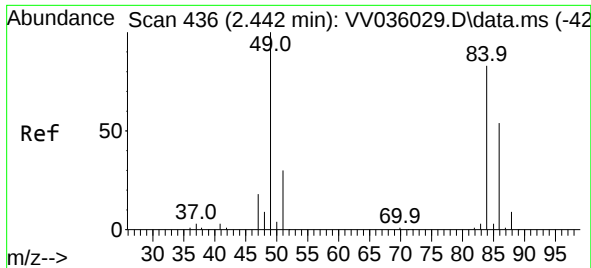
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Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.866 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV036030.D

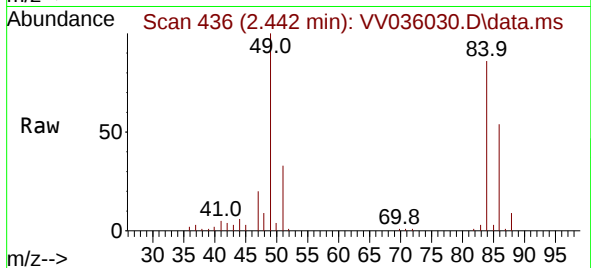
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Tgt Ion: 84 Resp: 27729

Ion Ratio Lower Upper

84 100

86 62.6 44.6 82.8

49 116.2 81.1 150.5

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