

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
 Data File : VV035841.D
 Acq On : 28 May 2024 13:17
 Operator : SY/MD
 Sample : P2586-05RE
 Misc : 5.45g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D18RE

Quant Time: May 29 02:26:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:22:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024

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 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	467356	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	408464	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	130463	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	139716	19.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.360%
7) Chloroethane-d5	1.529	69	113376	19.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.840%
11) 1,1-Dichloroethene-d2	2.053	65	57233	17.897	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.600%
21) 2-Butanone-d5	3.867	46	41464m	20.227	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.460%
24) Chloroform-d	4.246	84	234682	16.891	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.560%
26) 1,2-Dichloroethane-d4	4.941	65	130093	18.940	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.760%
32) Benzene-d6	4.957	84	432670	19.351	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	5.986	67	146389	21.215	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.880%
41) Toluene-d8	7.243	98	321529	16.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.640%
43) trans-1,3-Dichloroprop...	7.558	79	39754	13.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	53.880%
47) 2-Hexanone-d5	8.040	63	19402	15.637	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.280%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	90354	13.589	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	54.360%
66) 1,2-Dichlorobenzene-d4	11.558	152	75052	16.576	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.320%#
Target Compounds						
16) Methylene chloride	2.442	84	35160	3.262	ug/L	Qvalue 98

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

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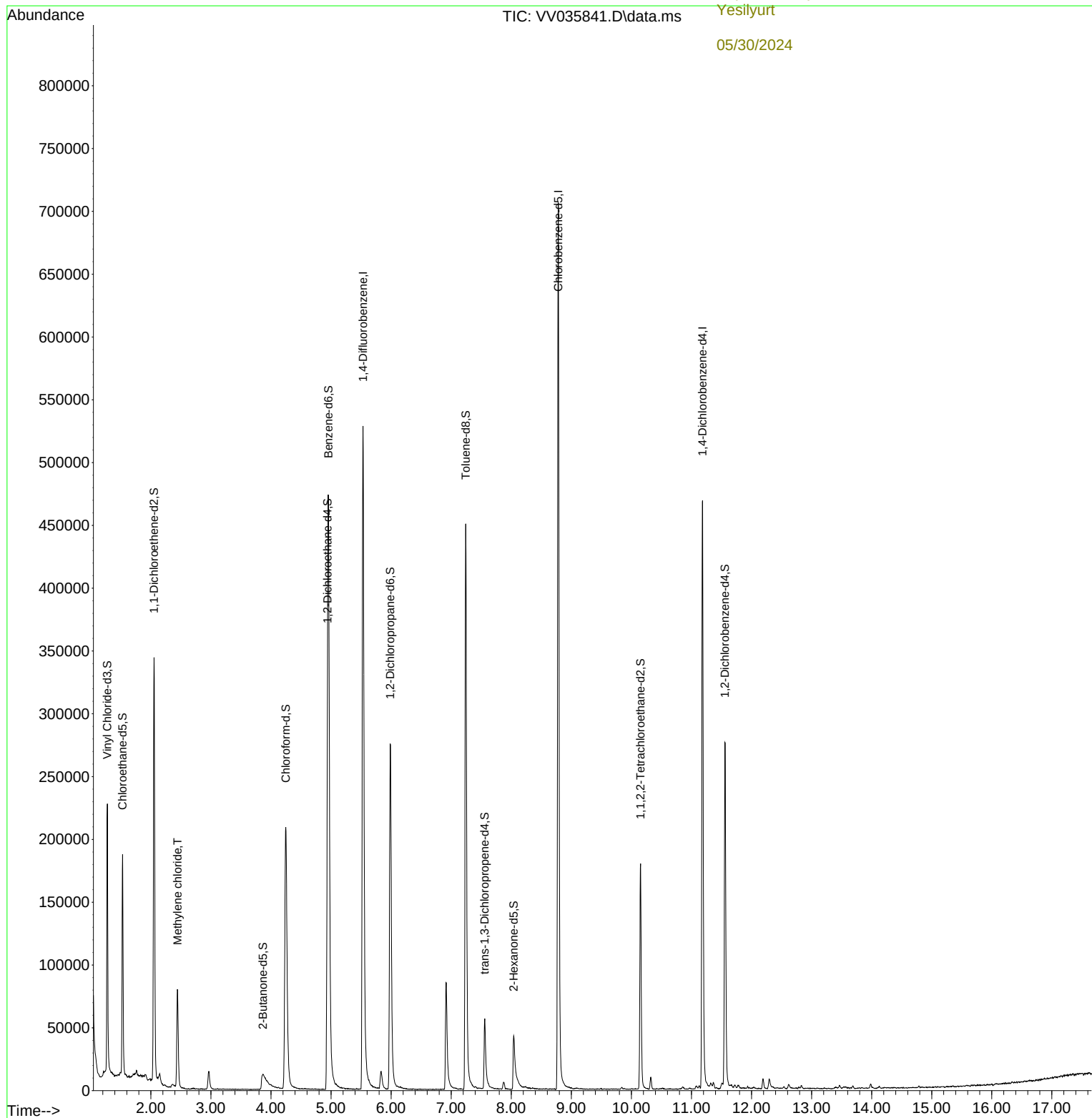
Quant Time: May 29 02:26:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
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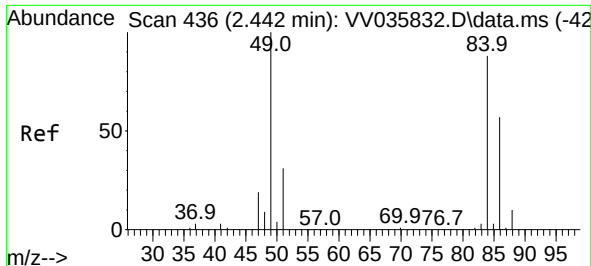
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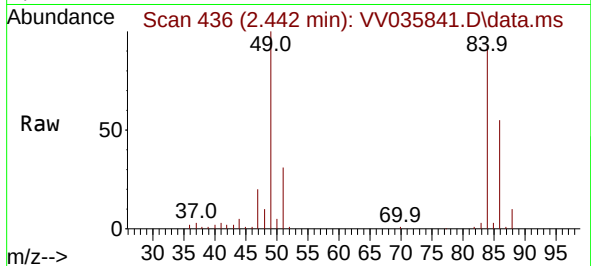
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#16
Methylene chloride
Concen: 3.262 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
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MSVOA_V
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Tgt Ion: 84 Resp: 35160
Ion Ratio Lower Upper
84 100
86 59.0 43.8 81.3
49 108.0 75.3 139.9

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