

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070324\
 Data File : VV036450.D
 Acq On : 03 Jul 2024 17:35
 Operator : SY/MD
 Sample : P3100-22RE
 Misc : 5.49g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D50RE

Quant Time: Jul 04 02:12:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 02:05:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/08/2024
 Supervised By :Semsettin Yesilyurt 07/08/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	397028	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	295562	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82117	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	123855	18.369	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.480%
7) Chloroethane-d5	1.529	69	104195	19.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.056	65	51907	16.376	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.520%
21) 2-Butanone-d5	3.828	46	9323m	5.957	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.920%#
24) Chloroform-d	4.246	84	173829	14.833	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	59.320%
26) 1,2-Dichloroethane-d4	4.941	65	70126	11.221	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	44.880%#
32) Benzene-d6	4.957	84	324763	19.465	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.840%
36) 1,2-Dichloropropane-d6	5.986	67	93998	18.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.920%
41) Toluene-d8	7.243	98	220936	14.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.760%
43) trans-1,3-Dichloroprop...	7.558	79	20881	9.317	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	37.280%
47) 2-Hexanone-d5	8.040	63	5432	6.781	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	13.560%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	36295	8.823	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	35.280%#
66) 1,2-Dichlorobenzene-d4	11.561	152	26821	8.963	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	35.840%#
Target Compounds						Qvalue
16) Methylene chloride	2.446	84	31953	4.088	ug/L	96

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

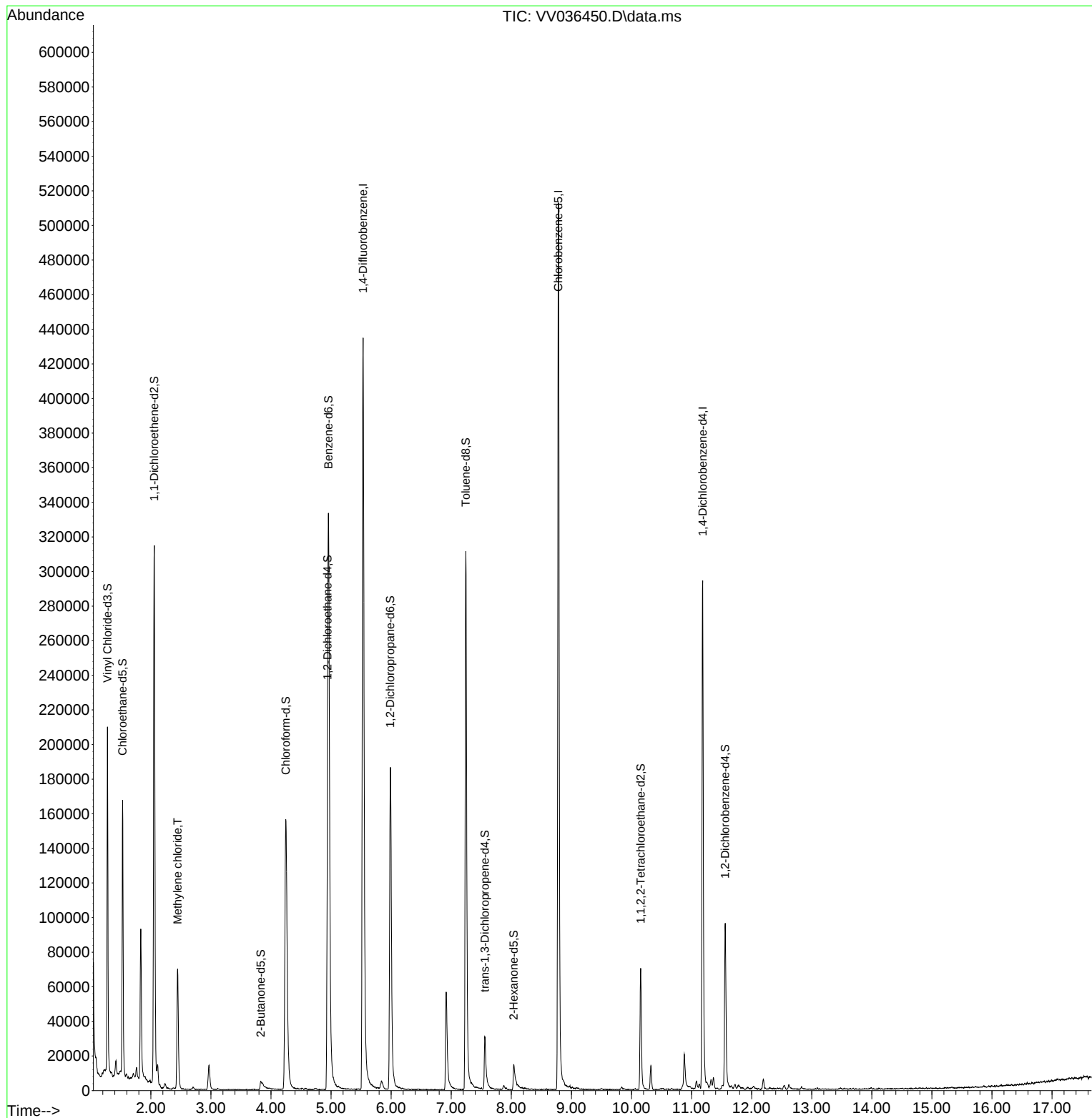
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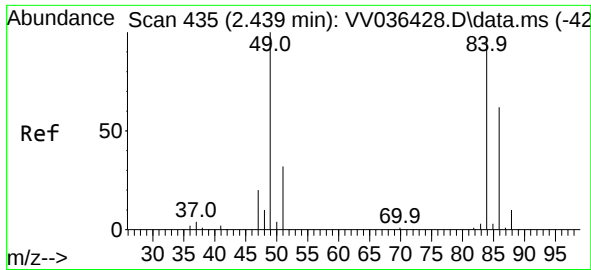
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Response via : Initial Calibration





#16

Methylene chloride

Concen: 4.088 ug/L

RT: 2.446 min Scan# 41

Delta R.T. 0.007 min

Lab File: VV036450.D

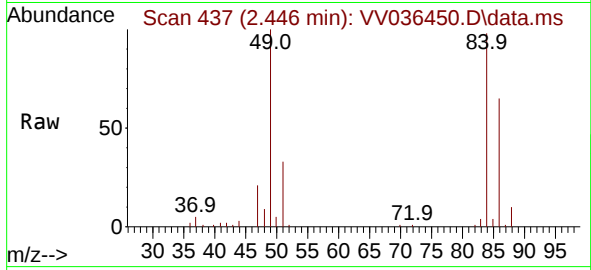
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Tgt Ion: 84 Resp: 3195

Ion Ratio Lower Upper

84 100

86 66.2 45.6 84.8

49 101.5 75.7 140.5

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