

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035868.D
 Acq On : 29 May 2024 17:12
 Operator : SY/MD
 Sample : P2632-14
 Misc : 3.20g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBY0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/31/2024
 Supervised By :Semsettin Yesilyurt 05/31/2024

Quant Time: May 30 01:19:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 01:13:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.551	114	24432	25.000	ug/L	0.02
28) Chlorobenzene-d5	8.796	117	22144	25.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.194	152	7042	25.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	16270	43.085	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 172.320%#			
7) Chloroethane-d5	1.536	69	13203	43.339	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 173.360%#			
11) 1,1-Dichloroethene-d2	2.060	65	6843	40.932	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 163.720%#			
21) 2-Butanone-d5	3.899	46	3678m	34.320	ug/L	0.06
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.640%			
24) Chloroform-d	4.259	84	25302	34.834	ug/L	0.02
Spiked Amount 25.000	Range 40 - 150		Recovery = 139.320%			
26) 1,2-Dichloroethane-d4	4.960	65	13535	37.694	ug/L	0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 150.760%#			
32) Benzene-d6	4.969	84	44553	36.755	ug/L	0.02
Spiked Amount 25.000	Range 20 - 135		Recovery = 147.040%#			
36) 1,2-Dichloropropane-d6	5.998	67	16785	44.870	ug/L	0.01
Spiked Amount 25.000	Range 70 - 120		Recovery = 179.480%#			
41) Toluene-d8	7.252	98	29649	27.483	ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.920%			
43) trans-1,3-Dichloroprop...	7.583	79	3227m	20.171	ug/L	0.03
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.680%			
47) 2-Hexanone-d5	8.088	63	598m	8.890	ug/L	0.06
Spiked Amount 50.000	Range 20 - 135		Recovery = 17.780%#			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	10583	29.359	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.440%			
66) 1,2-Dichlorobenzene-d4	11.564	152	7573	30.987	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 123.960%#			
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	3861m	6.853	ug/L	
25) Chloroform	4.285	83	2463m	2.990	ug/L	

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

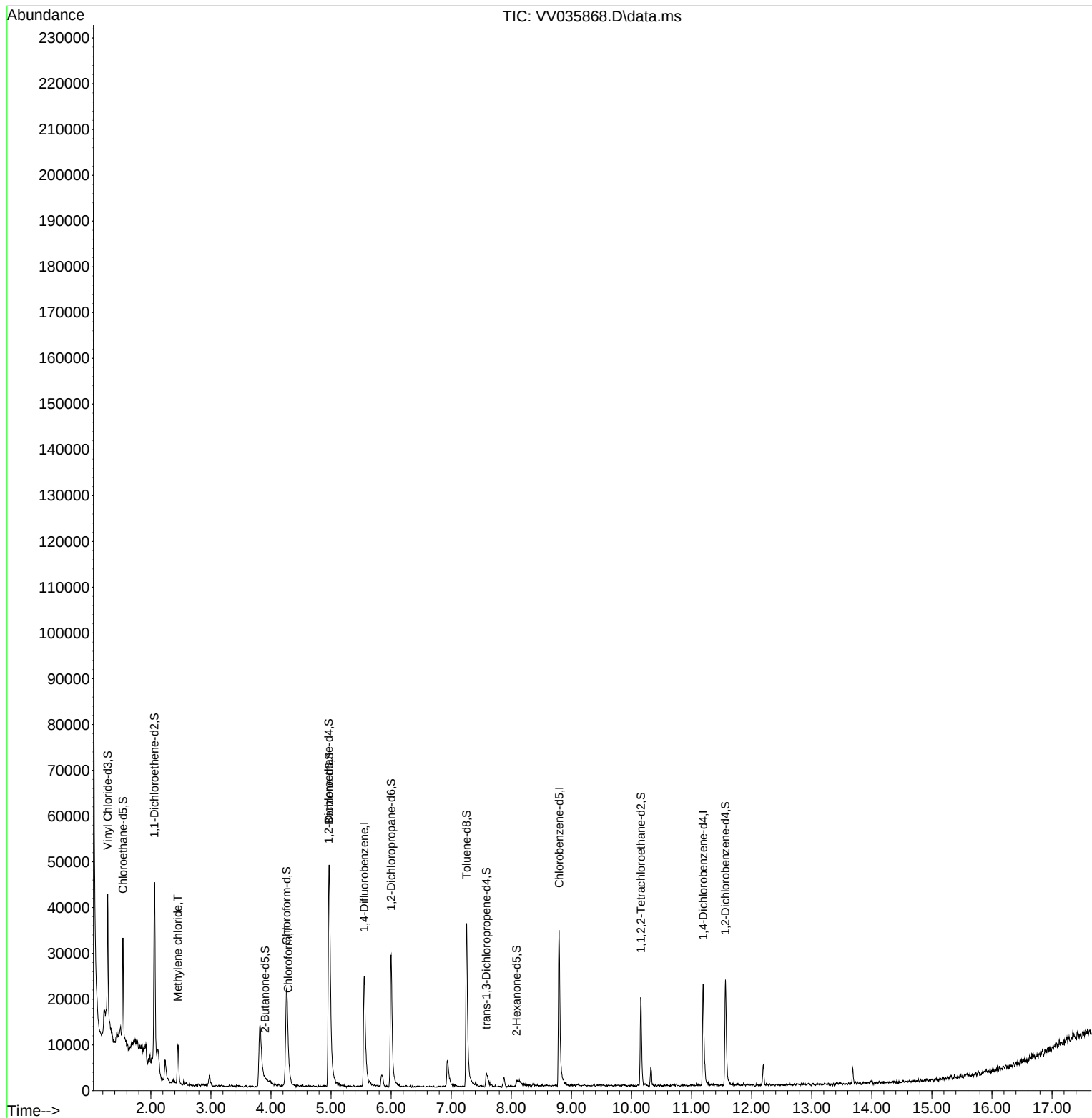
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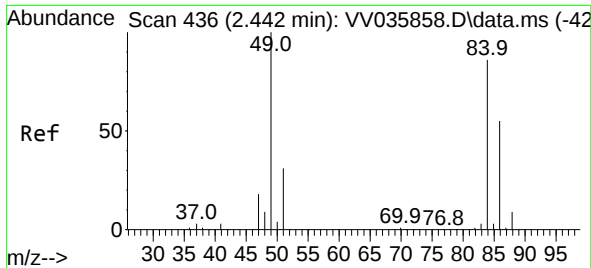
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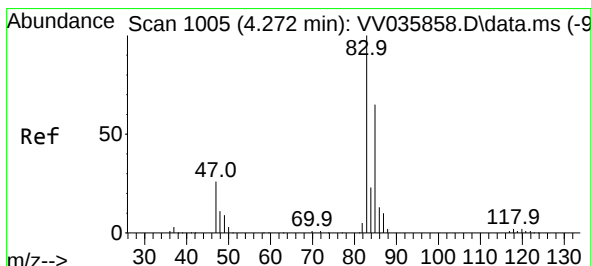
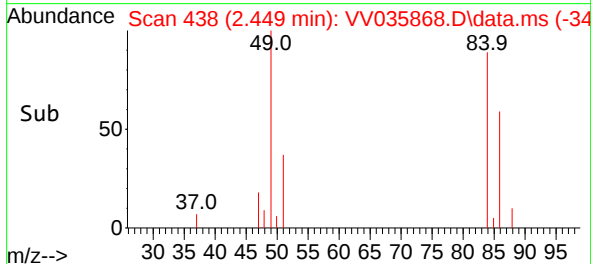
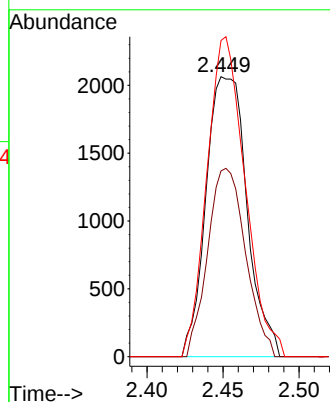
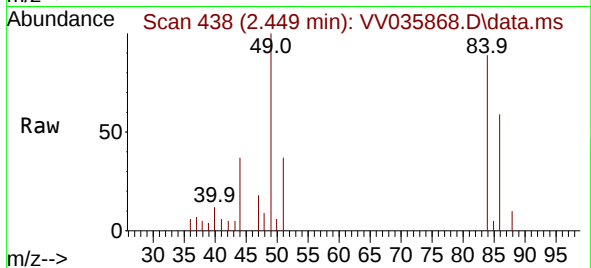
#16
Methylene chloride
Concen: 6.853 ug/L m
RT: 2.449 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV035868.D
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Tgt Ion: 84 Resp: 386
Ion Ratio Lower Upper
84 100
86 66.3 43.8 81.3
49 112.9 75.3 139.9

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#25
Chloroform
Concen: 2.990 ug/L m
RT: 4.285 min Scan# 1009
Delta R.T. 0.013 min
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Tgt Ion: 83 Resp: 2463
Ion Ratio Lower Upper
83 100
85 50.5 44.7 82.9

