Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035734.D
Acq On : 24 May 2024 10:29
Operator : SY/MD
Sample : P2570-07
Misc : 5.41g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH6B5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 24 23:44:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:42:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	508378	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	524976	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	234985	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	135470	17.241	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.960%			
7) Chloroethane-d5	1.529	69	116625	18.398	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.600%			
11) 1,1-Dichloroethene-d2	2.053	65	61755	17.753	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.000%			
21) 2-Butanone-d5	3.860	46	58956m	26.439	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 52.880%			
24) Chloroform-d	4.246	84	276710	18.308	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 73.240%			
26) 1,2-Dichloroethane-d4	4.941	65	144526	19.343	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 77.360%			
32) Benzene-d6	4.957	84	536966	18.686	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 74.760%			
36) 1,2-Dichloropropane-d6	5.986	67	171767	19.368	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 77.480%			
41) Toluene-d8	7.243	98	454915	17.787	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.160%			
43) trans-1,3-Dichloroprop...	7.555	79	62722	16.537	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 66.160%			
47) 2-Hexanone-d5	8.037	63	33479	20.994	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 41.980%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	124962	14.623	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 58.480%			
66) 1,2-Dichlorobenzene-d4	11.558	152	172719	21.179	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.720%			
Target Compounds						Qvalue
16) Methylene chloride	2.446	84	65465	5.584	ug/L	96

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

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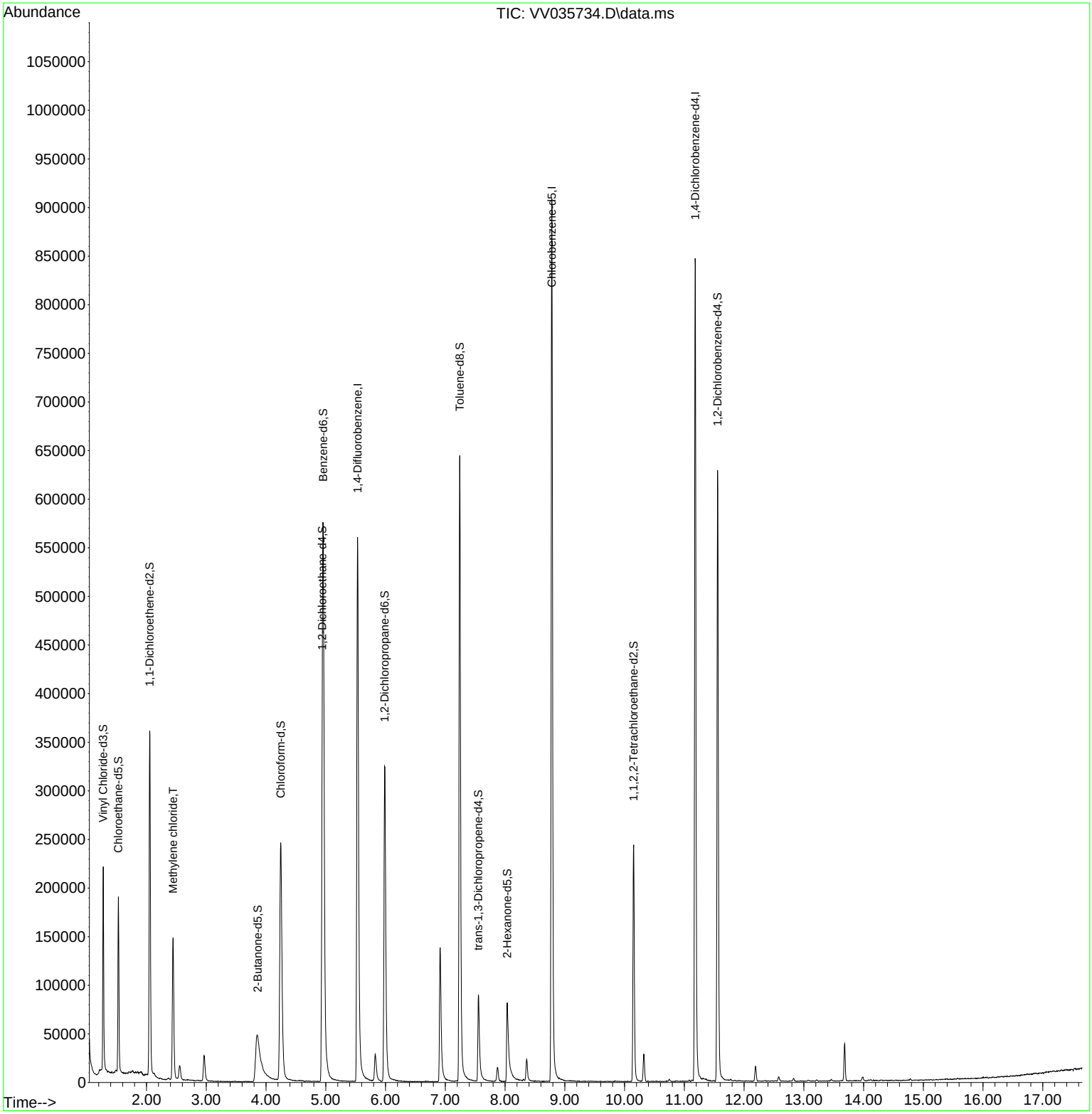
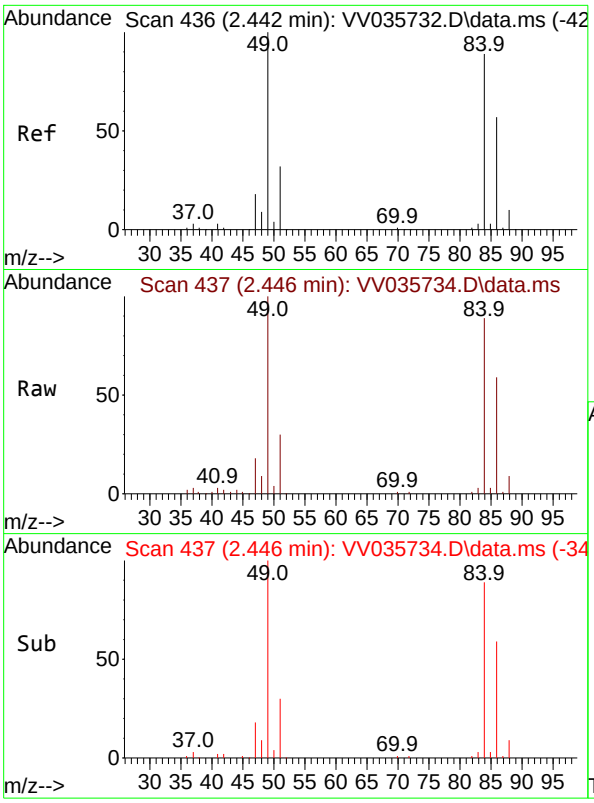
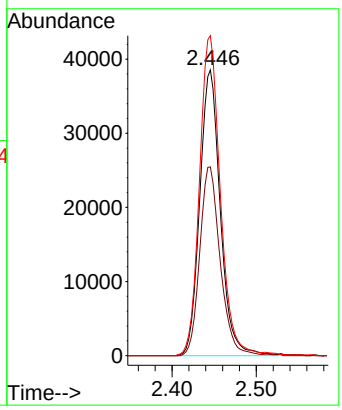




#16
Methylene chloride
Concen: 5.584 ug/L
RT: 2.446 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV035734.D
Acq: 24 May 2024 10:29

Tgt Ion: 84 Resp: 6546

Ion	Ratio	Lower	Upper
84	100		
86	66.1	43.8	81.3
49	112.0	75.3	139.9



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