

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 :

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)

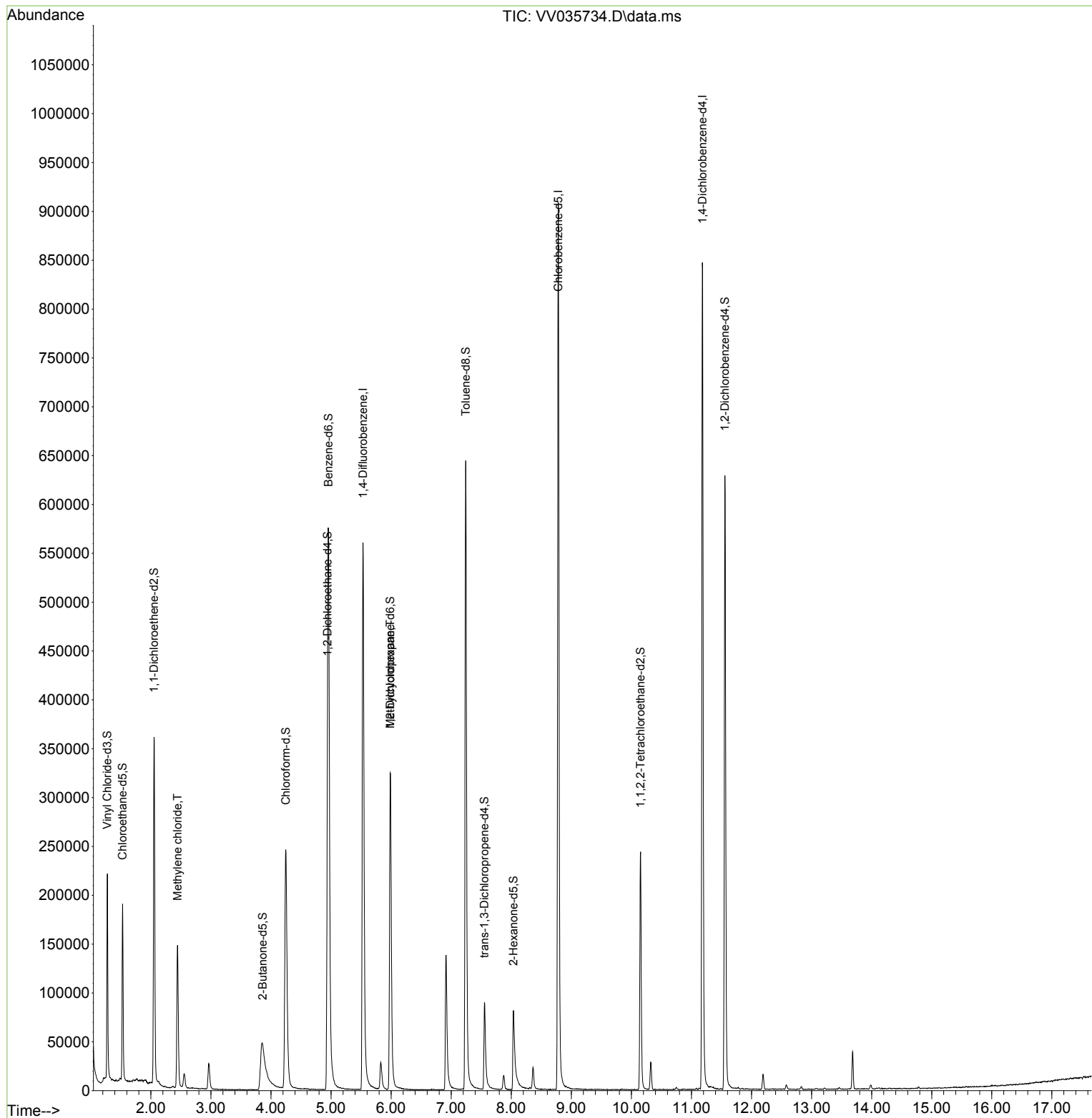
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	508378	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	524976	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	234985	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	135470	17.241	ug/L	0.00
Spiked Amount	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	37936	17.012	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.020%
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
35) Methylcyclohexane	5.986	83	41374	2.773	ug/L	# 21

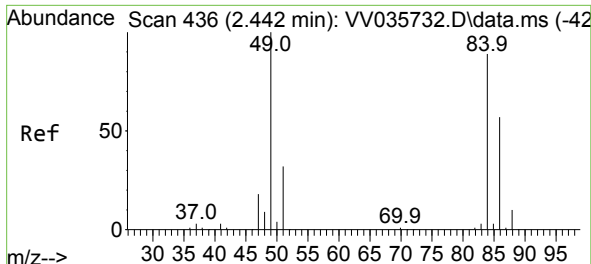
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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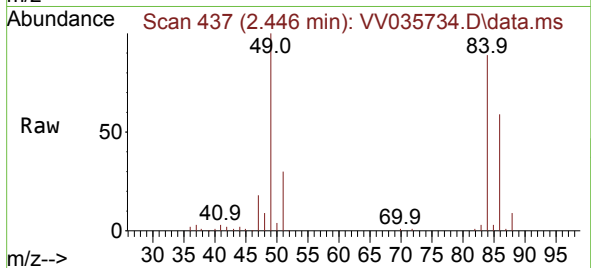
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Quant Title : VOC Analysis
QLast Update : Fri May 24 23:42:56 2024
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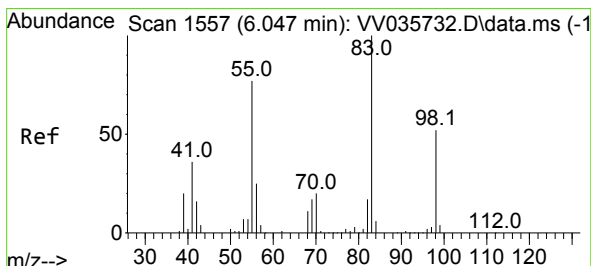
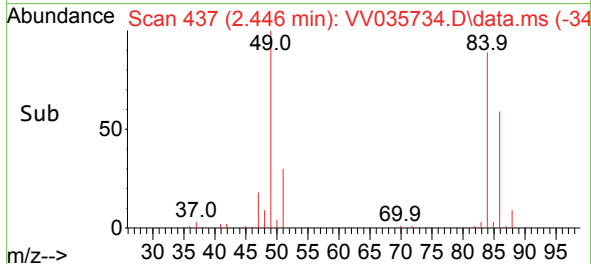
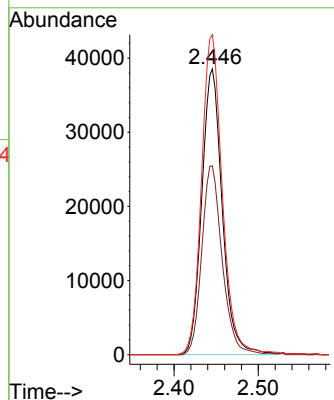


#16
Methylene chloride
Concen: 5.584 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035734.D
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Instrument :
MSVOA_V
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Tgt Ion: 84 Resp: 65465
Ion Ratio Lower Upper
84 100
86 66.1 43.8 81.3
49 112.0 75.3 139.9



#35
Methylcyclohexane
Concen: 2.773 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.061 min
Lab File: VV035734.D
Acq: 24 May 2024 10:29

Tgt Ion: 83 Resp: 41374
Ion Ratio Lower Upper
83 100
55 0.2 57.5 86.3#
98 1.8 38.6 58.0#

