Quantitation Report (Qedit)

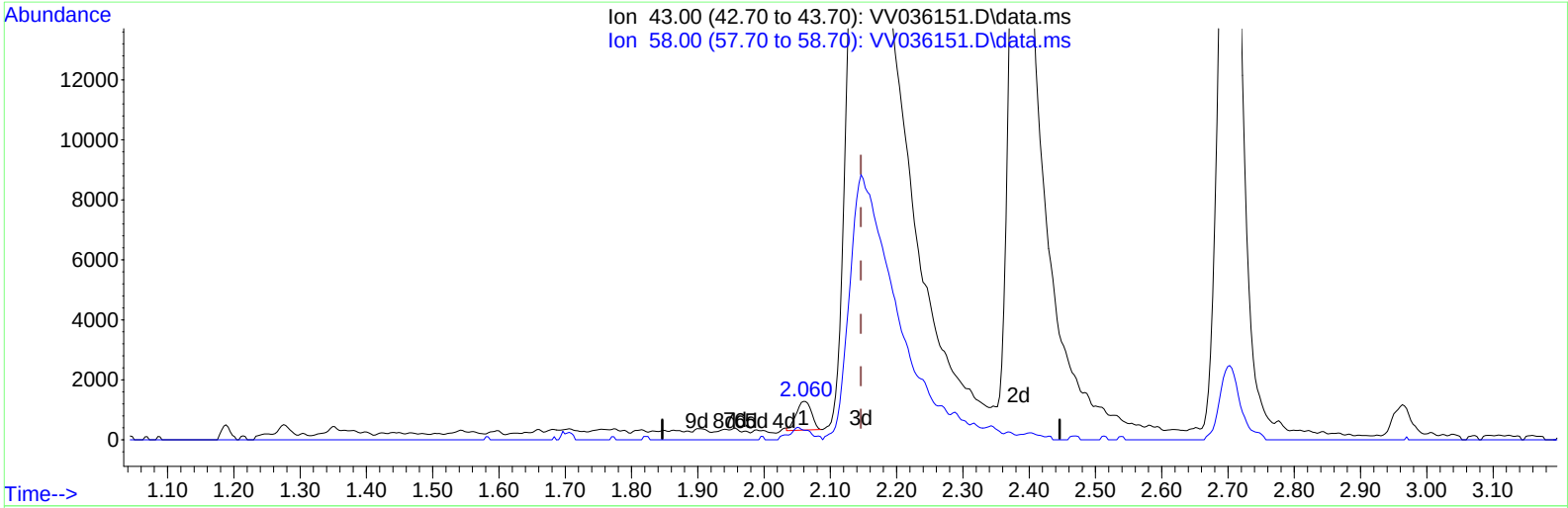
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036151.D
Acq On : 20 Jun 2024 08:46
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

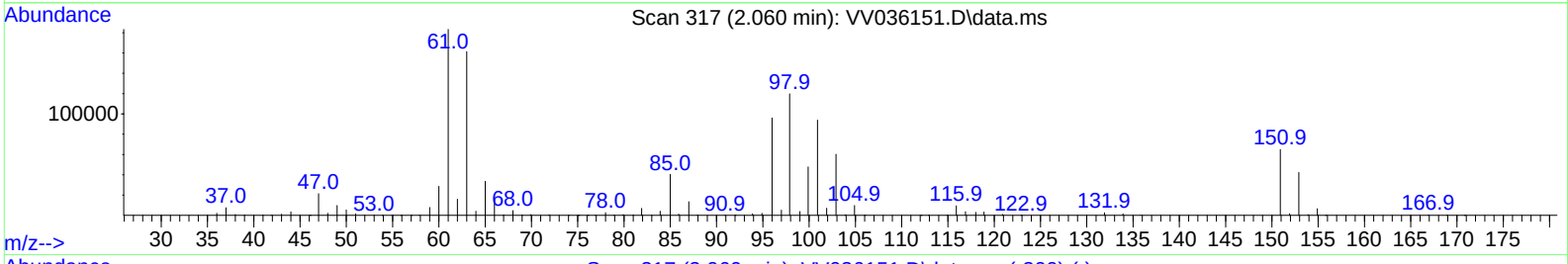
Quant Time: Jun 21 01:47:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration

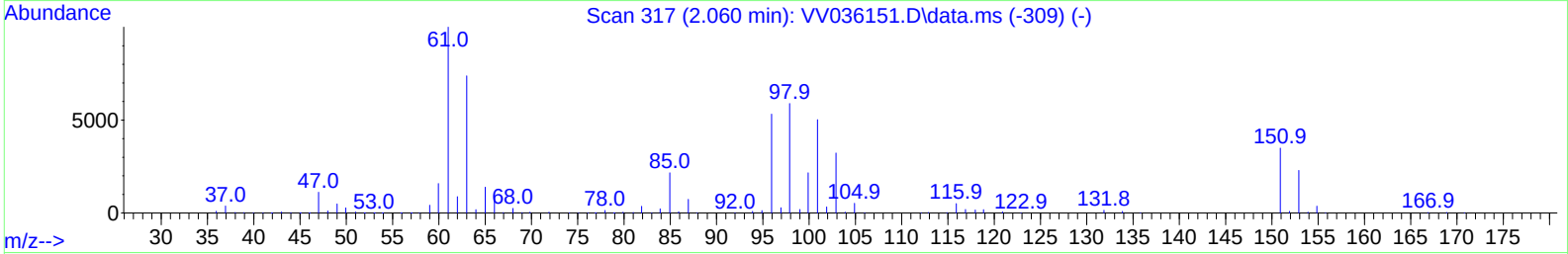
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/22/2024
Supervised By :Semsettin Yesilyurt 06/22/2024







TIC: VV036151.D\data.ms

(13) Acetone (T)

2.060min (-0.087) 0.58 ug/L

response 1539

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	21.18
0.00	0.00	0.00
0.00	0.00	0.00

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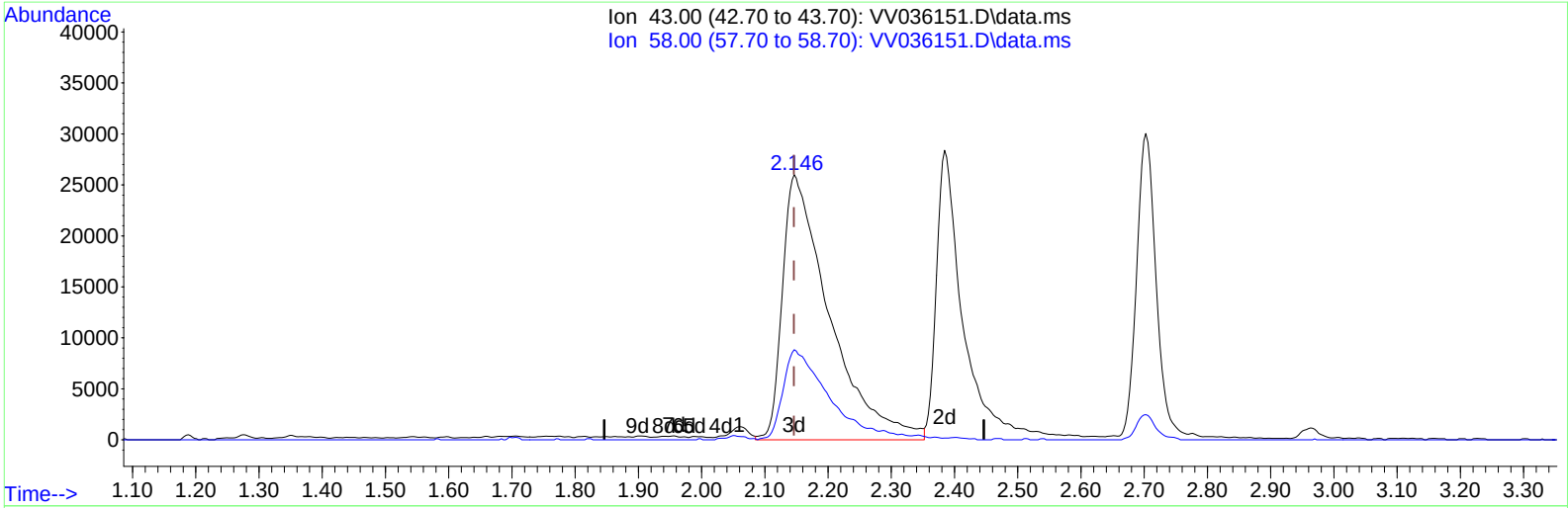

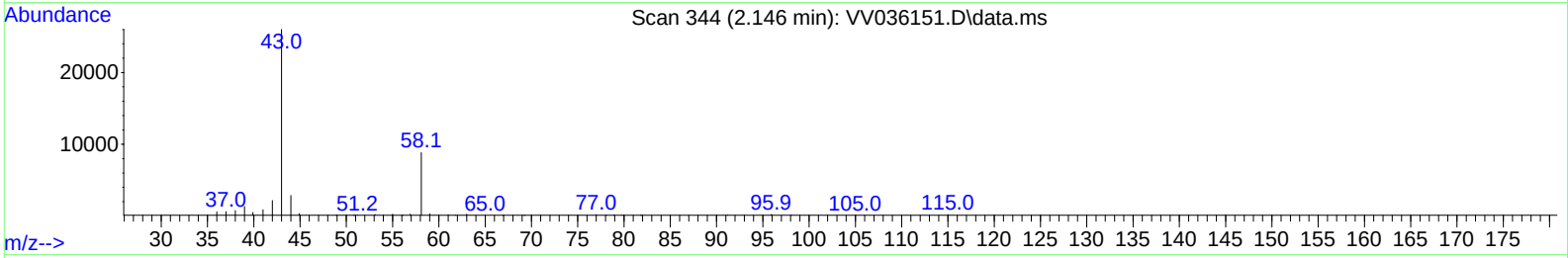

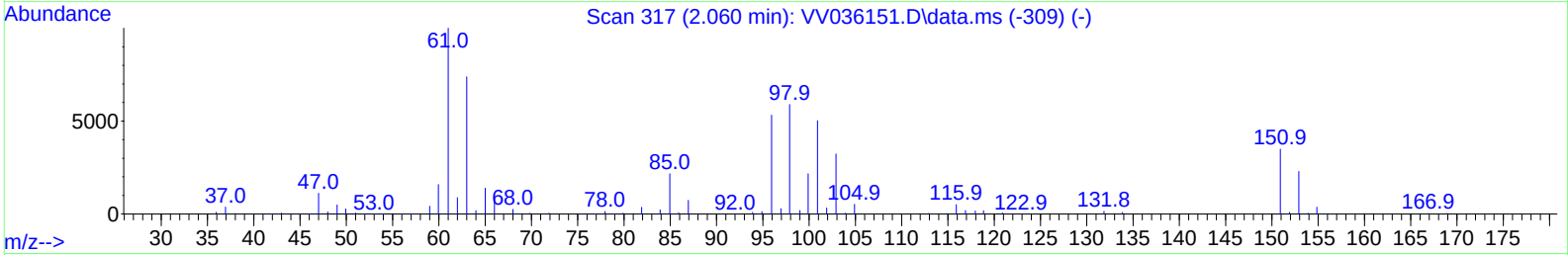

TIC: VV036151.D\data.ms

(13) Acetone (T)

2.146min (-0.000) 50.53 ug/L m

response 134137

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	0.24
0.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	404038	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	416306	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	227609	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	159051	21.412	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.640%			
7) Chloroethane-d5	1.529	69	129233	21.819	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.280%			
11) 1,1-Dichloroethene-d2	2.050	65	74750	22.604	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.400%			
21) 2-Butanone-d5	3.828	46	87447	51.309	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.620%			
24) Chloroform-d	4.243	84	297137	23.132	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.520%			
26) 1,2-Dichloroethane-d4	4.937	65	159535	23.688	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.760%			
32) Benzene-d6	4.953	84	558020	22.550	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.200%			
36) 1,2-Dichloropropane-d6	5.985	67	176023	22.588	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.360%			
41) Toluene-d8	7.239	98	512557	23.475	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.880%			
43) trans-1,3-Dichloroprop...	7.548	79	75573	23.652	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.600%			
47) 2-Hexanone-d5	8.030	63	60431	57.236	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.480%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	147605	25.347	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.400%			
66) 1,2-Dichlorobenzene-d4	11.558	152	186357	22.327	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	140120	19.234	ug/L	99
3) Chloromethane	1.211	50	165389	19.782	ug/L	100
5) Vinyl chloride	1.278	62	182173	20.697	ug/L	100
6) Bromomethane	1.484	94	114971	21.056	ug/L	99
8) Chloroethane	1.545	64	113514	20.748	ug/L	98
9) Trichlorofluoromethane	1.709	101	246280	22.531	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	156944	22.624	ug/L	100
12) 1,1-Dichloroethene	2.063	96	140615	21.733	ug/L	99
13) Acetone	2.146	43	134137m	50.526	ug/L	
14) Carbon disulfide	2.230	76	454552	20.231	ug/L	100
15) Methyl Acetate	2.384	43	70154	21.260	ug/L	97
16) Methylene chloride	2.439	84	159337	17.428	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	141933	20.651	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	343150	22.240	ug/L	99
19) 1,1-Dichloroethane	3.104	63	272236	20.799	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	142593	20.647	ug/L	98
22) 2-Butanone	3.905	43	103611	45.995	ug/L	87
23) Bromochloromethane	4.140	128	73888	21.329	ug/L	98
25) Chloroform	4.268	83	282950	21.015	ug/L	100

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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27)	1,2-Dichloroethane	5.037	62	188288	22.400	ug/L	99
29)	Cyclohexane	4.574	56	206674	20.851	ug/L	99
30)	1,1,1-Trichloroethane	4.503	97	239451	21.039	ug/L	99
31)	Carbon tetrachloride	4.725	117	210728	21.105	ug/L	100
33)	Benzene	5.002	78	582785	21.404	ug/L	100
34)	Trichloroethene	5.828	95	176571	21.159	ug/L	99
35)	Methylcyclohexane	6.043	83	252101	21.846	ug/L	100
37)	1,2-Dichloropropane	6.088	63	151923	21.250	ug/L	99
38)	Bromodichloromethane	6.429	83	202202	21.368	ug/L	99
39)	cis-1,3-Dichloropropene	6.950	75	228899	21.406	ug/L	98
40)	4-Methyl-2-pentanone	7.159	43	192274	49.500	ug/L	100
42)	Toluene	7.310	91	622390	22.371	ug/L	100
44)	trans-1,3-Dichloropropene	7.577	75	205599	22.260	ug/L	97
45)	1,1,2-Trichloroethane	7.767	97	129363	21.868	ug/L	99
46)	Tetrachloroethene	7.902	164	121635	19.930	ug/L	97
48)	2-Hexanone	8.079	43	160210	52.758	ug/L	96
49)	Dibromochloromethane	8.172	129	141020	21.782	ug/L	98
50)	1,2-Dibromoethane	8.278	107	129505	22.816	ug/L	99
51)	Chlorobenzene	8.808	112	398106	21.001	ug/L	100
52)	Ethylbenzene	8.944	91	658290	22.115	ug/L	100
53)	m,p-Xylene	9.069	106	250944	22.436	ug/L	100
54)	o-Xylene	9.474	106	232359	22.030	ug/L	99
55)	Styrene	9.493	104	433907	23.328	ug/L	99
57)	1,1,2,2-Tetrachloroethane	10.175	83	122947	23.211	ug/L	98
59)	Bromoform	9.661	173	94981	22.128	ug/L	99
60)	Isopropylbenzene	9.863	105	640157	21.923	ug/L	100
61)	1,2,3-Trichloropropane	10.207	75	125445	23.303	ug/L	98
62)	1,3,5-Trimethylbenzene	10.474	105	458135	21.636	ug/L	100
63)	1,2,4-Trimethylbenzene	10.850	105	510815	22.390	ug/L	99
64)	1,3-Dichlorobenzene	11.114	146	323912	21.122	ug/L	100
65)	1,4-Dichlorobenzene	11.204	146	337686	21.334	ug/L	99
67)	1,2-Dichlorobenzene	11.574	146	305182	21.148	ug/L	99
68)	1,2-Dibromo-3-chloropr...	12.361	75	30039	24.955	ug/L	99
69)	1,3,5-Trichlorobenzene	12.577	180	235558	20.535	ug/L	99
70)	1,2,4-trichlorobenzene	13.194	180	196409	21.746	ug/L	99
71)	Naphthalene	13.435	128	387293	26.275	ug/L	99
72)	1,2,3-Trichlorobenzene	13.676	180	196556	23.848	ug/L	98

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

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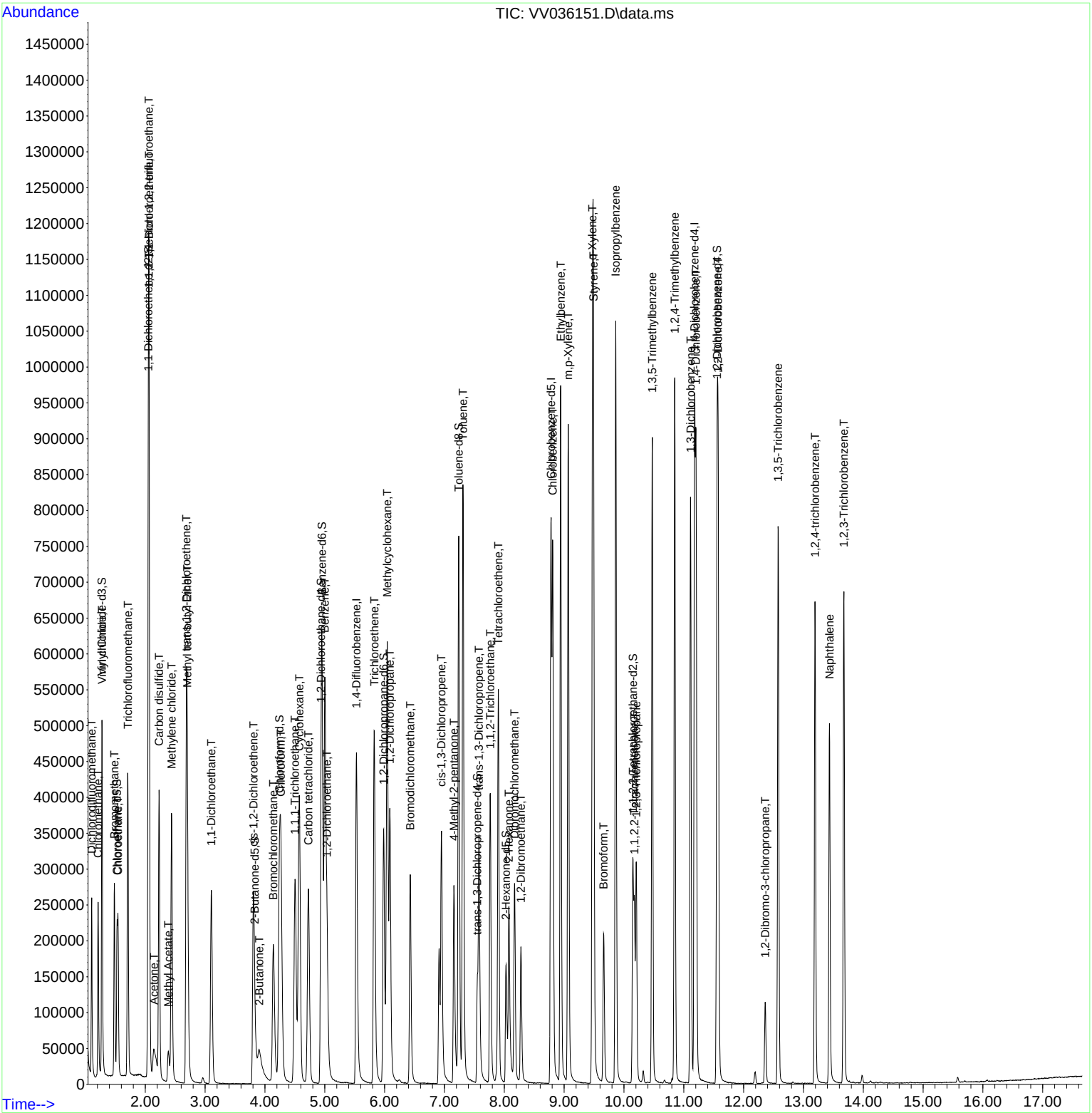
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