Quantitation Report (Qedit)

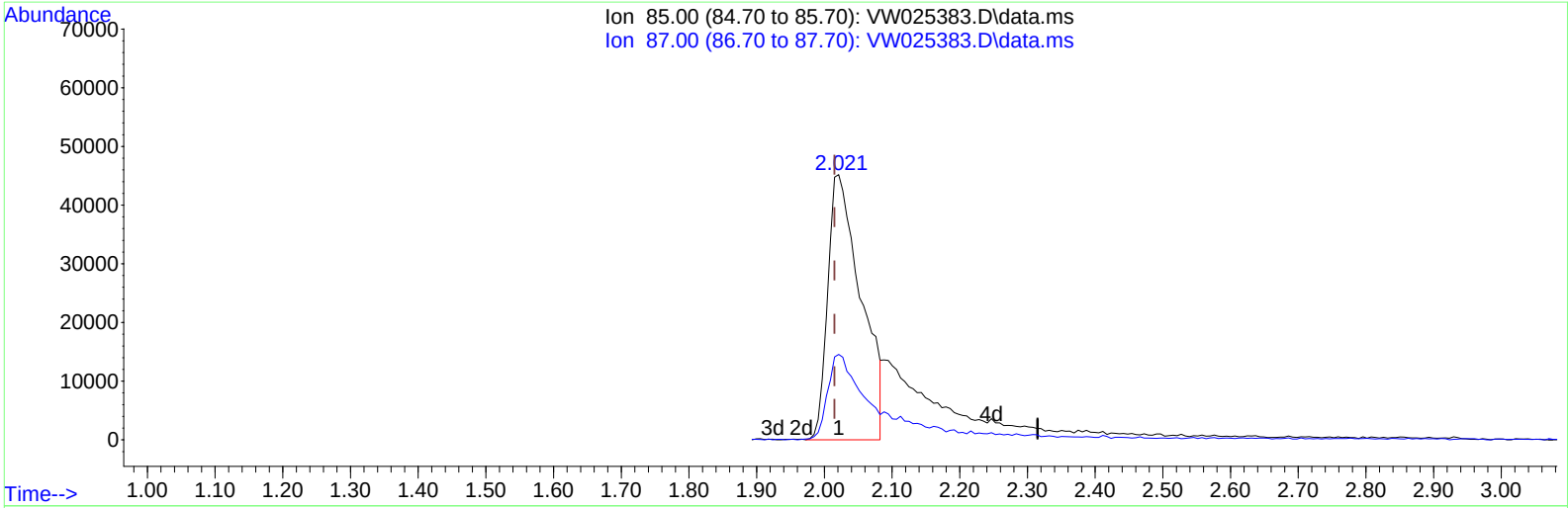
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030823\
Data File : VW025383.D
Acq On : 08 Mar 2023 13:43
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

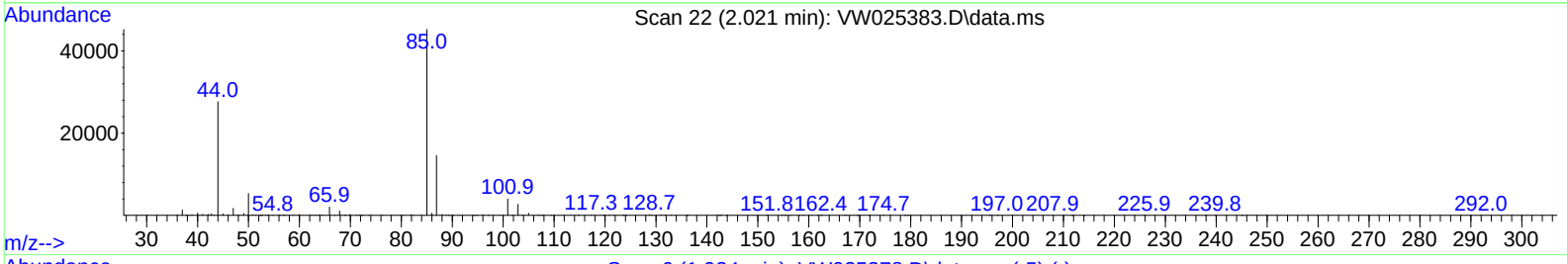
Quant Time: Mar 09 01:02:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Mar 07 05:10:09 2023
Response via : Initial Calibration

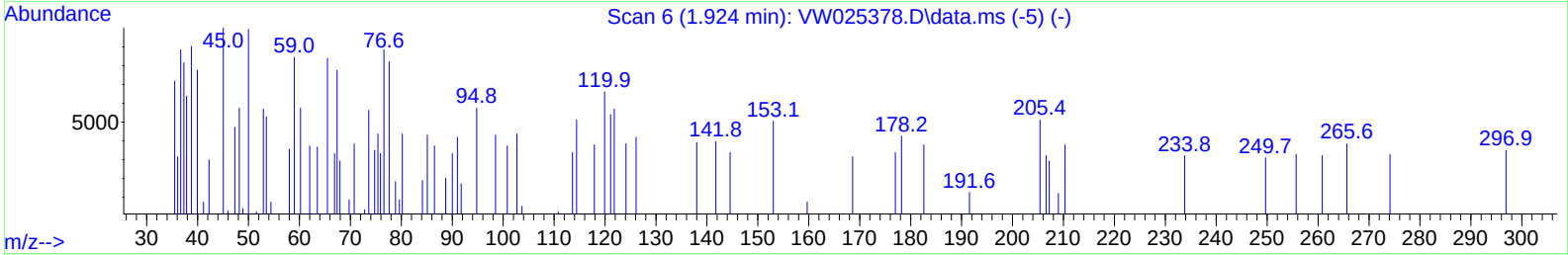
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023







TIC: VW025383.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (+ 0.006) 19.68 ug/L

response 153877

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	25.60	32.42#
0.00	0.00	0.00
0.00	0.00	0.00

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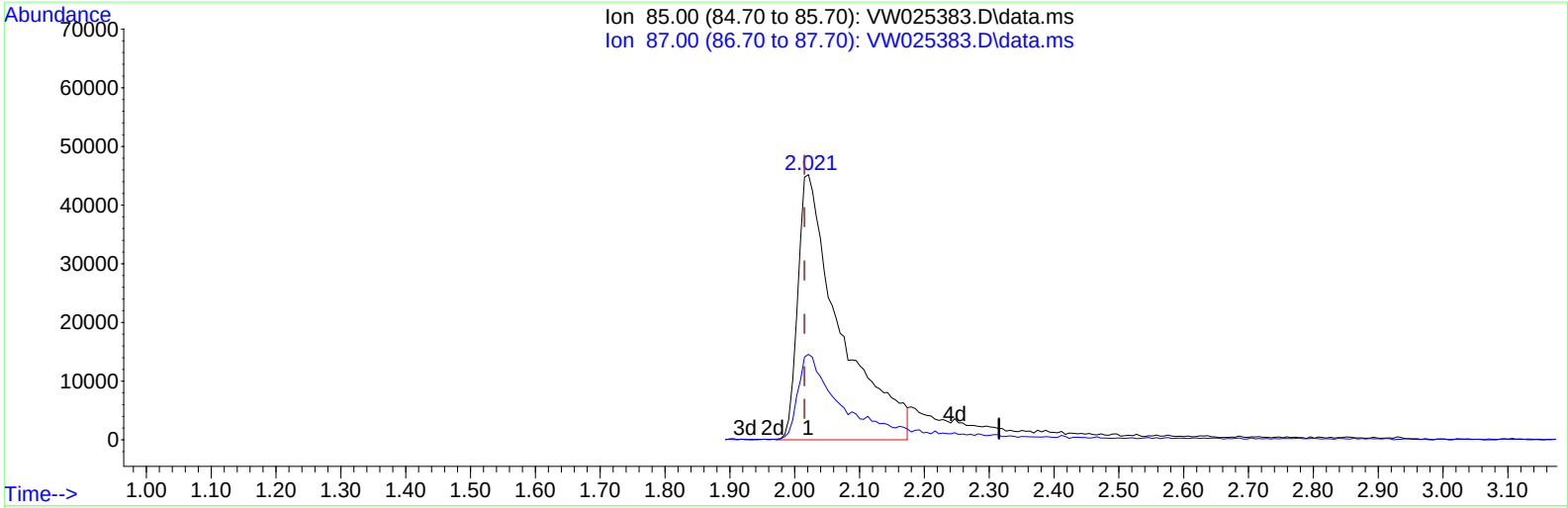

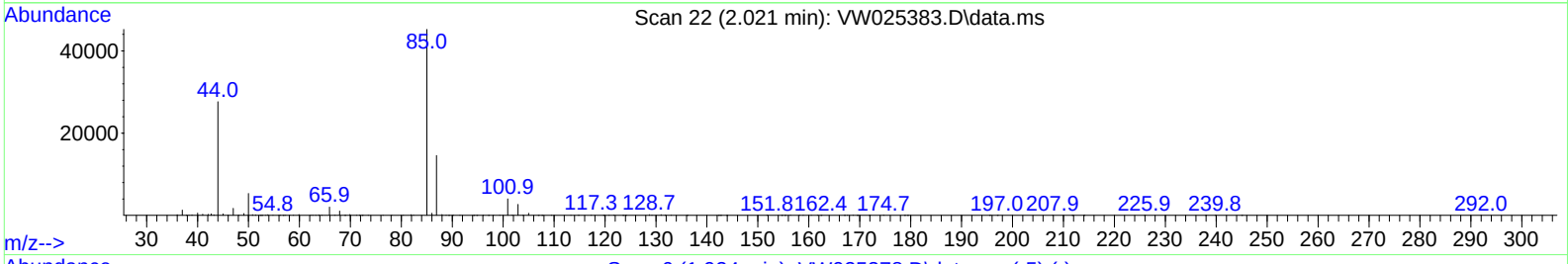

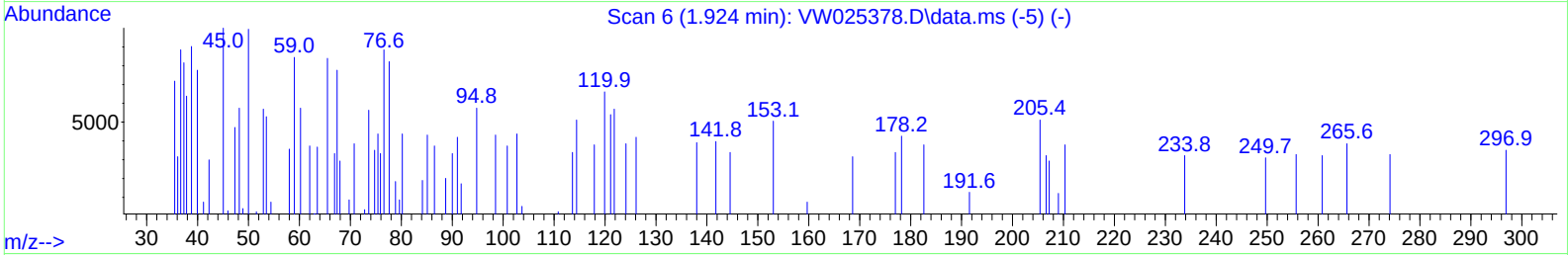

TIC: VW025383.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (+ 0.006) 26.14 ug/L m

response 204374

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	25.60	24.41
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/14/2023
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Quant Title : SFAM01.0
QLast Update : Tue Mar 07 05:10:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.843	114	684260	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.629	117	605073	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	297364	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.369	65	295428	25.967 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.880%		
7) Chloroethane-d5	2.899	69	210133	25.669 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.680%		
11) 1,1-Dichloroethene-d2	4.027	63	562224	25.585 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.360%		
21) 2-Butanone-d5	7.075	46	148586	53.206 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.420%		
24) Chloroform-d	7.648	84	507062	25.705 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.800%		
26) 1,2-Dichloroethane-d4	8.307	65	269225	25.428 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.720%		
32) Benzene-d6	8.276	84	1044858	25.272 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.080%		
36) 1,2-Dichloropropane-d6	9.270	67	322632	25.225 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.880%		
41) Toluene-d8	10.325	98	920638	25.256 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.040%		
43) trans-1,3-Dichloroprop...	10.575	79	126464	24.831 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.320%		
47) 2-Hexanone-d5	10.922	63	95091	51.702 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.400%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	238912	25.496 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.000%		
66) 1,2-Dichlorobenzene-d4	13.848	152	281074	25.418 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.680%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.021	85	204374m	26.135 ug/L	
3) Chloromethane	2.229	50	263255	28.306 ug/L	97
5) Vinyl chloride	2.375	62	297510	28.315 ug/L	97
6) Bromomethane	2.789	94	153686	27.435 ug/L	99
8) Chloroethane	2.936	64	166951	27.645 ug/L	98
9) Trichlorofluoromethane	3.271	101	220120	24.204 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	228275	25.883 ug/L	97
12) 1,1-Dichloroethene	4.045	96	230425	27.004 ug/L	92
13) Acetone	4.125	43	111441	41.512 ug/L	100
14) Carbon disulfide	4.393	76	765526	28.855 ug/L	98
15) Methyl Acetate	4.667	43	125377	24.895 ug/L	99
16) Methylene chloride	4.917	84	243768	25.584 ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	238394	26.651 ug/L	94
18) Methyl tert-butyl Ether	5.423	73	344644	25.593 ug/L	99
19) 1,1-Dichloroethane	6.216	63	478952	25.857 ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	251930	25.724 ug/L #	94
22) 2-Butanone	7.167	43	163192	46.992 ug/L	99
23) Bromochloromethane	7.514	128	108208	25.693 ug/L	95
25) Chloroform	7.673	83	445307	25.573 ug/L	100

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Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	303826	26.145	ug/L		100
29) Cyclohexane	7.959	56	476428	27.895	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	369138	25.664	ug/L		99
31) Carbon tetrachloride	8.069	117	333299	25.851	ug/L		100
33) Benzene	8.319	78	1015229	26.243	ug/L		100
34) Trichloroethene	9.093	95	257524	25.363	ug/L		98
35) Methylcyclohexane	9.337	83	486044	27.789	ug/L		99
37) 1,2-Dichloropropane	9.367	63	269376	25.297	ug/L		100
38) Bromodichloromethane	9.642	83	306901	24.713	ug/L		99
39) cis-1,3-Dichloropropene	10.069	75	390079	25.428	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	329271	51.448	ug/L		100
42) Toluene	10.386	91	1040903	26.060	ug/L		100
44) trans-1,3-Dichloropropene	10.605	75	325525	25.339	ug/L		100
45) 1,1,2-Trichloroethane	10.788	97	177930	24.881	ug/L		98
46) Tetrachloroethene	10.861	164	186750	25.850	ug/L		93
48) 2-Hexanone	10.965	43	230614	50.083	ug/L		99
49) Dibromochloromethane	11.129	129	190311	24.907	ug/L		99
50) 1,2-Dibromoethane	11.233	107	167579	25.316	ug/L	#	99
51) Chlorobenzene	11.654	112	633930	25.007	ug/L		99
52) Ethylbenzene	11.727	91	1188729	26.095	ug/L		97
53) m,p-Xylene	11.837	106	444360	26.447	ug/L		96
54) o-Xylene	12.166	106	407258	25.759	ug/L		99
55) Styrene	12.178	104	709852	26.291	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.714	83	223261	25.098	ug/L		98
59) Bromoform	12.343	173	103553	24.137	ug/L		98
60) Isopropylbenzene	12.458	105	1159560	26.158	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	161340	24.903	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	932772	26.569	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	912488	26.383	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	464561	24.732	ug/L		98
65) 1,4-Dichlorobenzene	13.574	146	473036	24.551	ug/L		100
67) 1,2-Dichlorobenzene	13.867	146	407669	24.199	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.482	75	34636	23.093	ug/L		99
69) 1,3,5-Trichlorobenzene	14.623	180	297370	23.289	ug/L		99
70) 1,2,4-trichlorobenzene	15.129	180	253058	23.903	ug/L		98
71) Naphthalene	15.360	128	527513	25.243	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	213828	22.487	ug/L		99

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

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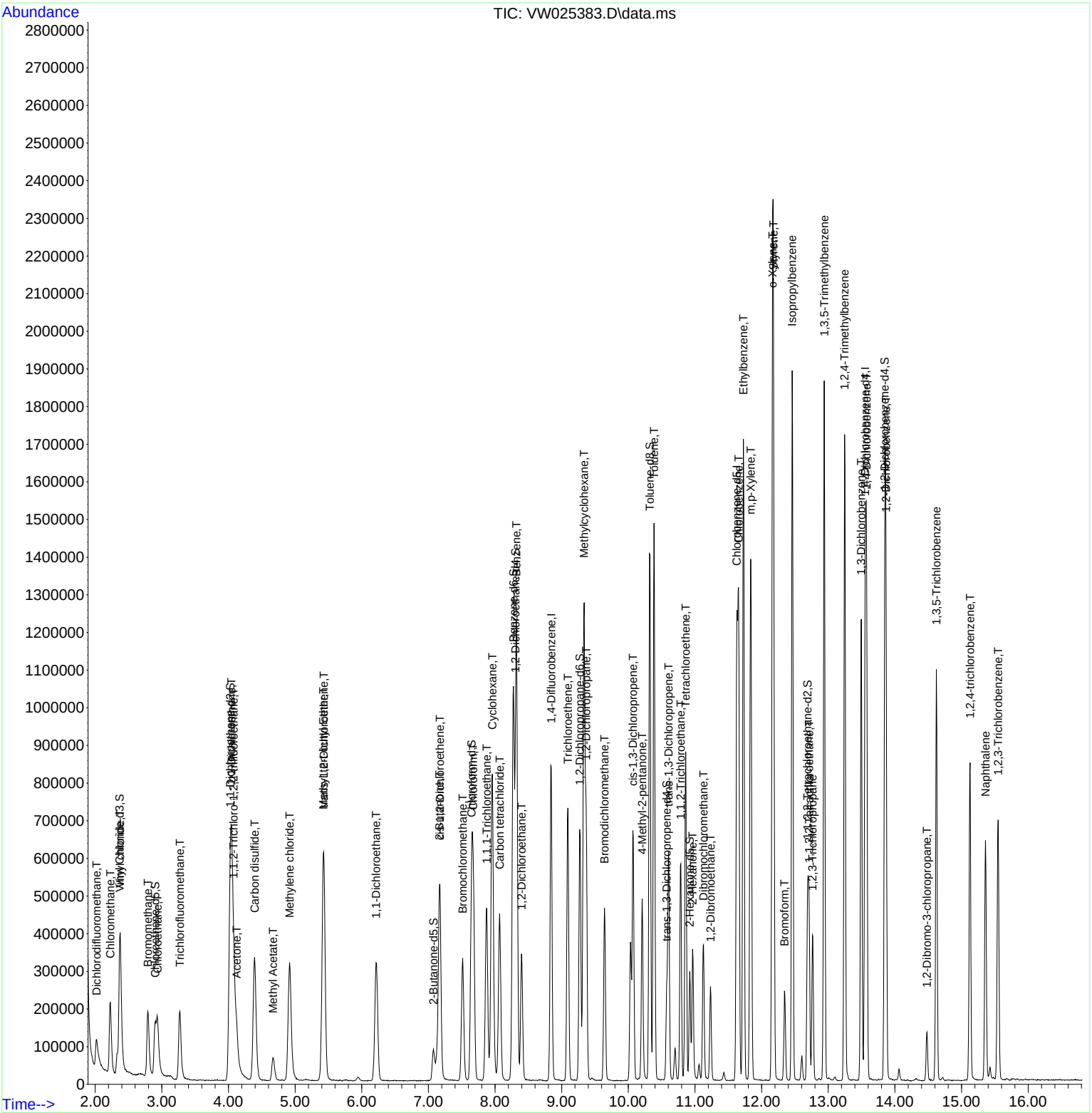
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