

(OT Reviewed)

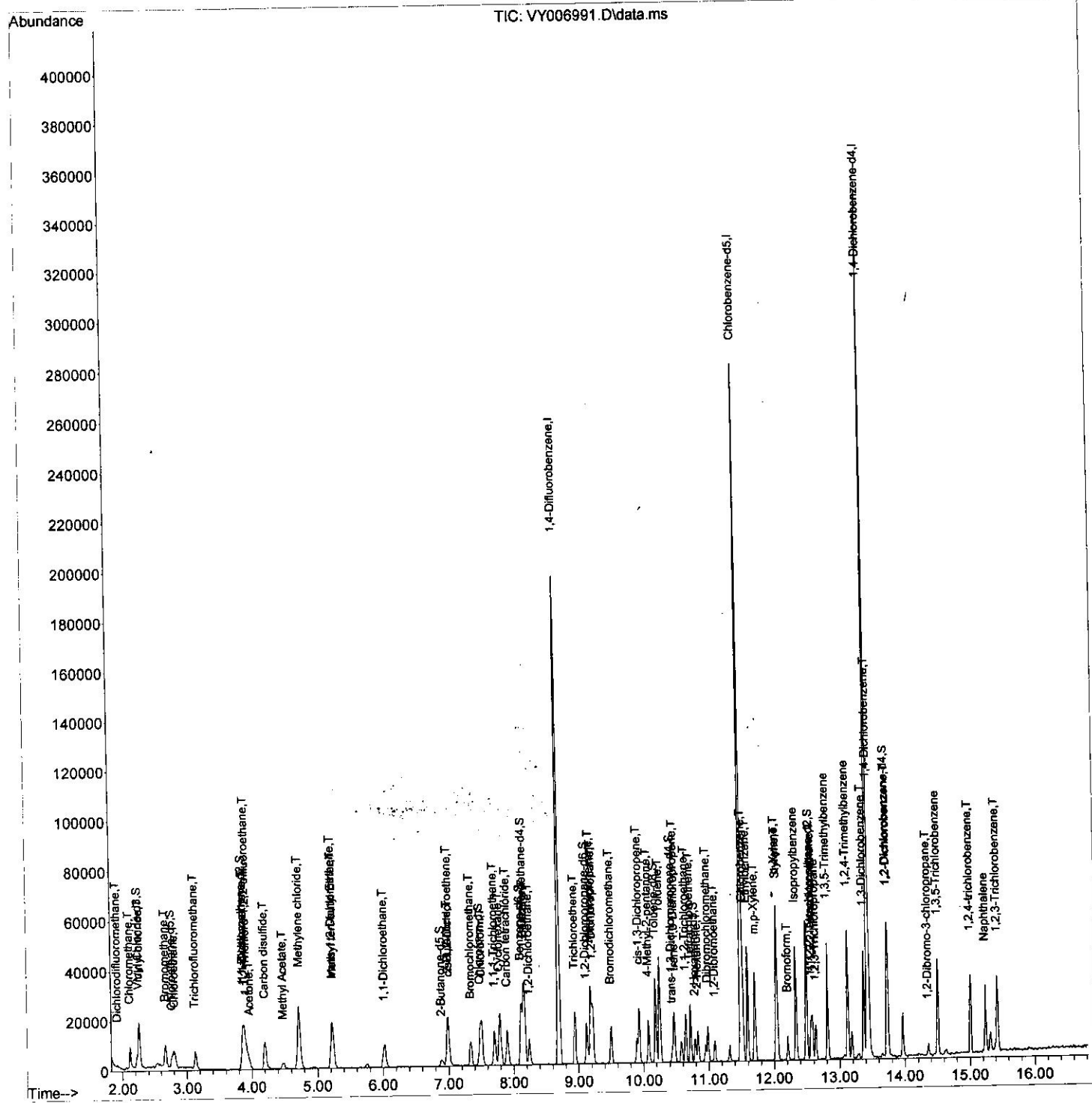
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\  
Data File : VY006991.D  
Acq On    : 07 Dec 2021  12:01  
Operator  : SY/MD  
Sample    : VSTD2.506  
Misc      : 5.00g/10.0mL/MSVOA_Y/SOIL  
ALS Vial  : 3      Sample Multiplier: 1
```

Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5806

Quant Time: Dec 08 01:22:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120721SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 08 01:13:32 2021
Response via : Initial Calibration

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/15/2021



Quantitation Report (Qedit)

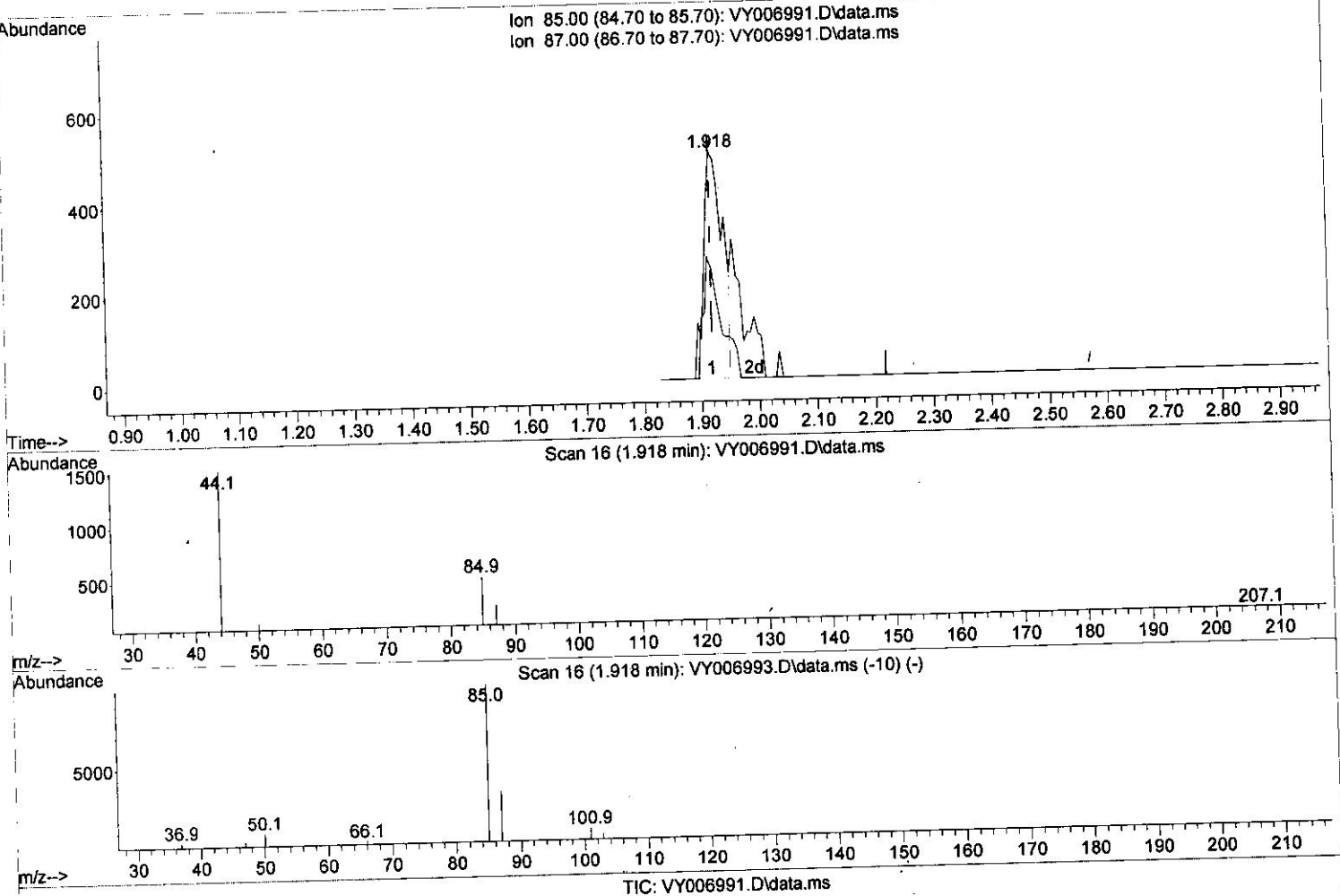
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Instrument :
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 Client Sampled :
 VSTD2.5806

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(2) Dichlorodifluoromethane (T)

1.918min (-0.000) 1.18 ug/L

response 1145

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	26.50	41.40#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

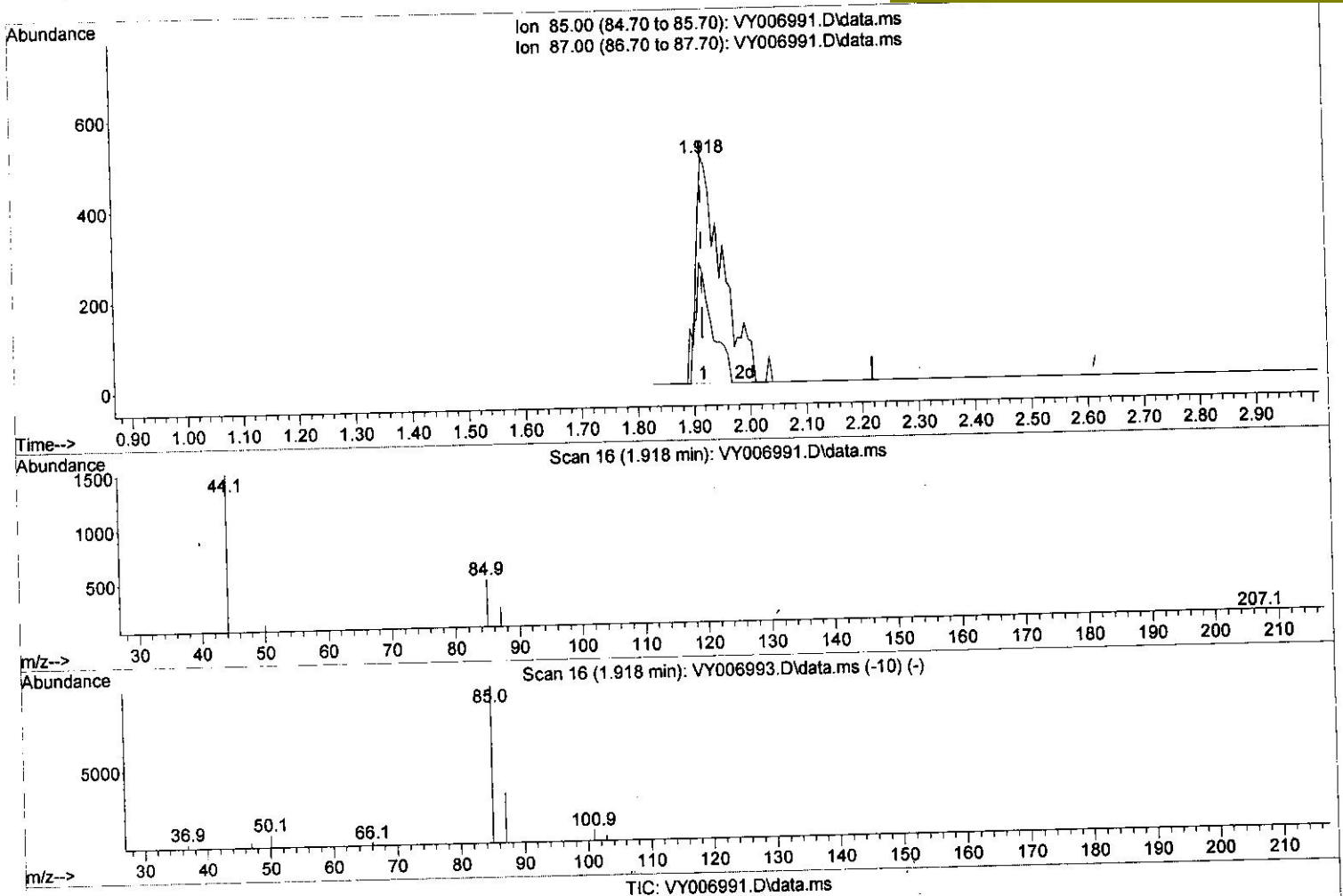
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(2) Dichlorodifluoromethane (T)

1.918min (-0.000) 1.69 ug/L m

response 1633

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	26.50	29.03
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	Q Ion	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	151363	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	139936	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	78572	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	7803	3.449	ug/L	0.00
7) Chloroethane-d5	2.772	69	6023	3.428	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.857	63	12671	2.956	ug/L	0.00
21) 2-Butanone-d5	6.887	46	5111	6.187	ug/L	0.00
24) Chloroform-d	7.484	84	12044	3.029	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.149	65	7459	3.118	ug/L	0.00
32) Benzene-d6	8.112	84	22835	2.941	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.118	67	7900	3.159	ug/L	0.00
41) Toluene-d8	10.179	98	21145	2.927	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.435	79	3525	2.956	ug/L	0.00
47) 2-Hexanone-d5	10.789	63	3292	5.521	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.563	84	6583	3.109	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	7912	3.022	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.918	85	1633m	1.686	ug/L	Qvalue
3) Chloromethane	2.113	50	7919	4.063	ug/L	94
5) Vinyl chloride	2.260	62	11897	4.011	ug/L	90
6) Bromomethane	2.668	94	6416	3.573	ug/L	95
8) Chloroethane	2.808	64	6070	3.407	ug/L	94
9) Trichlorofluoromethane	3.125	101	6734	3.228	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	6268	3.213	ug/L	98
12) 1,1-Dichloroethene	3.875	96	6090	2.930	ug/L	77
13) Acetone	3.960	43	5522	7.439	ug/L	85
14) Carbon disulfide	4.198	76	19757	2.884	ug/L	95
15) Methyl Acetate	4.479	43	4849	3.013	ug/L #	65
16) Methylene chloride	4.723	84	16231	5.803	ug/L	99
17) trans-1,2-Dichloroethene	5.222	96	6506	2.916	ug/L	95
18) Methyl tert-butyl Ether	5.229	73	11855	2.887	ug/L #	78
19) 1,1-Dichloroethane	6.021	63	13799	3.232	ug/L	94
20) cis-1,2-Dichloroethene	6.997	96	6995	2.932	ug/L	94
22) 2-Butanone	6.990	43	6602	6.312	ug/L #	71
23) Bromochloromethane	7.344	128	3102	2.862	ug/L	94
25) Chloroform	7.509	83	13336	3.138	ug/L	93
27) 1,2-Dichloroethane	8.240	62	9105	2.950	ug/L	99
29) Cyclohexane	7.783	56	11237	2.792	ug/L	97
30) 1,1,1-Trichloroethane	7.704	97	10833	3.010	ug/L	99
31) Carbon tetrachloride	7.899	117	9843	2.904	ug/L	100
33) Benzene	8.161	78	26710	2.779	ug/L	100
34) Trichloroethene	8.941	95	7047	3.000	ug/L	89
35) Methylcyclohexane	9.185	83	11071	2.641	ug/L	98
37) 1,2-Dichloropropane	9.216	63	7591	3.006	ug/L	98
38) Bromodichloromethane	9.496	83	9511	2.959	ug/L	100
39) cis-1,3-Dichloropropene	9.929	75	11036	2.829	ug/L	95
40) 4-Methyl-2-pentanone	10.069	43	12313	5.437	ug/L	99
42) Toluene	10.246	91	28537	2.797	ug/L	99

12/12/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.472	75	10159	2.780	ug/L	98
45) 1,1,2-Trichloroethane	10.648	97	5447	2.959	ug/L	91
46) Tetrachloroethene	10.721	164	4947	2.583	ug/L	87
48) 2-Hexanone	10.831	43	8515	5.609	ug/L	98
49) Dibromochloromethane	10.984	129	6168	2.796	ug/L	100
50) 1,2-Dibromoethane	11.093	107	5213	2.985	ug/L	88
51) Chlorobenzene	11.520	112	17647	2.861	ug/L	98
52) Ethylbenzene	11.593	91	30524	2.791	ug/L	96
53) m,p-Xylene	11.709	106	10762	2.603	ug/L	83
54) o-Xylene	12.032	106	10236	2.631	ug/L	97
55) Styrene	12.044	104	17196	2.529	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.581	83	7082	3.109	ug/L	98
59) Bromoform	12.209	173	3568	2.303	ug/L	99
60) Isopropylbenzene	12.331	105	27108	2.431	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	5359	2.787	ug/L	95
62) 1,3,5-Trimethylbenzene	12.813	105	21541	2.354	ug/L	96
63) 1,2,4-Trimethylbenzene	13.123	105	25805	2.803	ug/L	98
64) 1,3-Dichlorobenzene	13.367	146	16010	3.070	ug/L	96
65) 1,4-Dichlorobenzene	13.447	146	16157	3.041	ug/L	87
67) 1,2-Dichlorobenzene	13.739	146	13965	3.003	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.355	75	1435	3.355	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.507	180	11430	3.285	ug/L	98
70) 1,2,4-trichlorobenzene	15.007	180	8892	3.106	ug/L	99
71) Naphthalene	15.239	128	20417	3.503	ug/L	97
72) 1,2,3-Trichlorobenzene	15.422	180	8572	3.395	ug/L	93

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