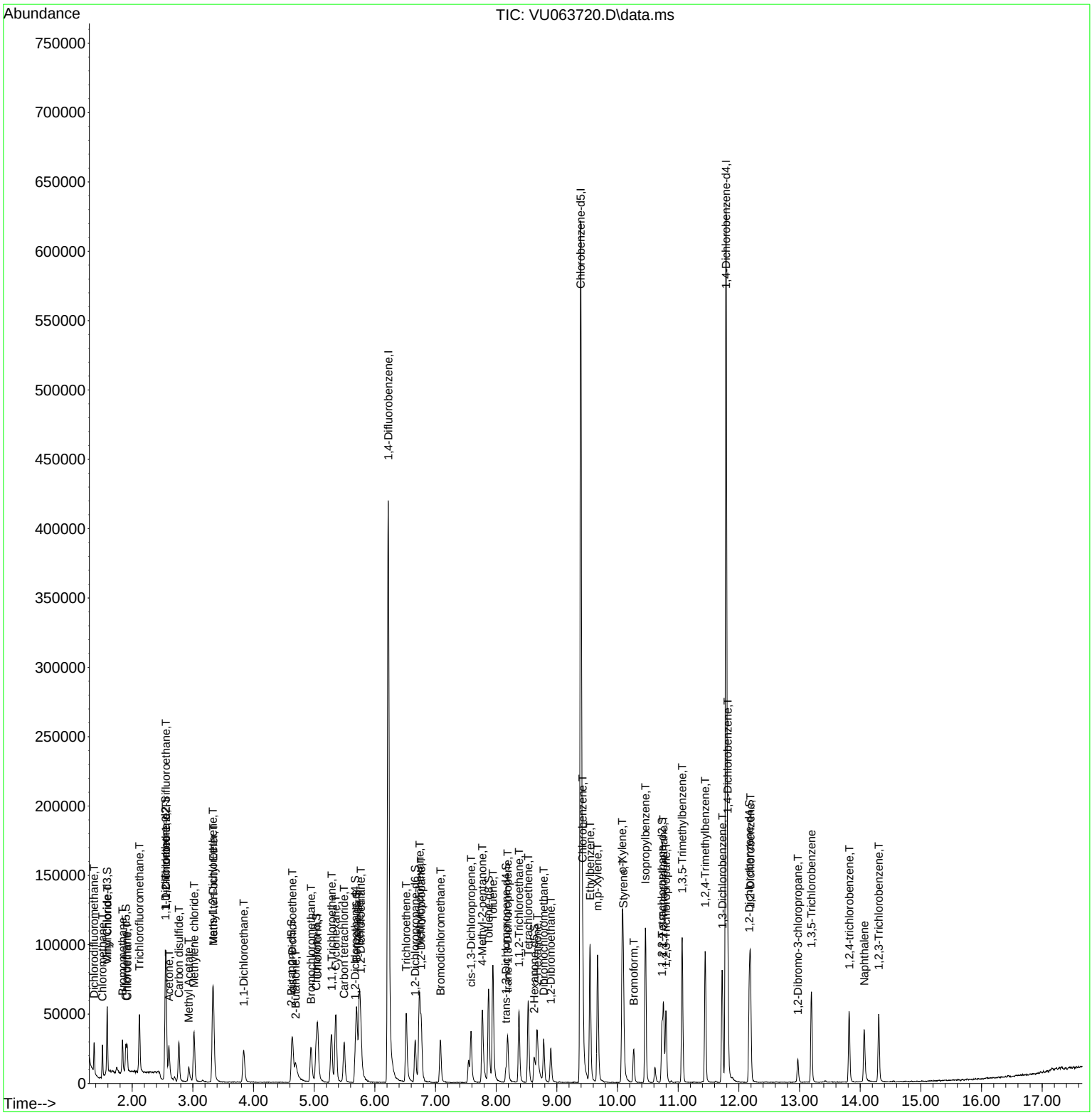
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111725\
Data File : VU063720.D
Acq On : 17 Nov 2025 11:16
Operator : MD/SY
Sample : VSTD00545
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 18 01:26:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111725WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 18 01:25:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD005045

Manual Integrations APPROVED
MMDadoda
11/19/2025 11:19:05 AM



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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.222	114	379380	50.000	ug/L		0.00
28) Chlorobenzene-d5	9.393	117	354312	50.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	168880	50.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.586	65	15626	5.795	ug/L		0.00
7) Chloroethane-d5	1.894	69	12095	5.425	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.547	63	28003	5.893	ug/L		0.00
21) 2-Butanone-d5	4.624	46	14576m	8.223	ug/L		0.03
24) Chloroform-d	5.036	84	25227	5.121	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.676	65	17584	5.516	ug/L		0.00
32) Benzene-d6	5.698	84	49860	5.649	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.666	67	14907	5.309	ug/L		0.00
41) Toluene-d8	7.875	98	48541	5.846	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.161	79	5734	5.418	ug/L		0.00
47) 2-Hexanone-d5	8.624	63	7788	7.457	ug/L		0.02
56) 1,1,2,2-Tetrachloroeth...	10.733	84	20224	4.710	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.171	152	15620	5.384	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.374	85	12527	6.062	ug/L		97
3) Chloromethane	1.509	50	14594	5.670	ug/L		98
5) Vinyl chloride	1.589	62	16267	5.281	ug/L		95
6) Bromomethane	1.840	94	10648	5.490	ug/L		99
8) Chloroethane	1.917	64	11250	5.403	ug/L		98
9) Trichlorofluoromethane	2.120	101	25875	5.703	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	2.557	101	14802	5.822	ug/L		98
12) 1,1-Dichloroethene	2.557	96	14191	6.245	ug/L		89
13) Acetone	2.605	43	29154	13.203	ug/L		99
14) Carbon disulfide	2.769	76	36484	6.190	ug/L		100
15) Methyl Acetate	2.933	43	14655	4.726	ug/L	#	90
16) Methylene chloride	3.020	84	17223	6.072	ug/L		96
17) trans-1,2-Dichloroethene	3.329	96	14738	6.002	ug/L		95
18) Methyl tert-butyl Ether	3.338	73	48221	6.028	ug/L		98
19) 1,1-Dichloroethane	3.837	63	28294	5.780	ug/L		97
20) cis-1,2-Dichloroethene	4.640	96	15936	5.572	ug/L		93
22) 2-Butanone	4.692	43	32617m	13.106	ug/L		
23) Bromochloromethane	4.949	128	8593	5.768	ug/L		91
25) Chloroform	5.055	83	30994	5.921	ug/L		99
27) 1,2-Dichloroethane	5.769	62	25259	5.899	ug/L		95
29) Cyclohexane	5.354	56	25180	6.006	ug/L		96
30) 1,1,1-Trichloroethane	5.287	97	26252	6.593	ug/L		98
31) Carbon tetrachloride	5.492	117	19486	6.144	ug/L		95
33) Benzene	5.746	78	61310	5.965	ug/L		100
34) Trichloroethene	6.515	95	17845	6.095	ug/L		96
35) Methylcyclohexane	6.737	83	26066	6.224	ug/L		96
37) 1,2-Dichloropropane	6.762	63	15495	5.450	ug/L		99
38) Bromodichloromethane	7.081	83	21433	6.224	ug/L		96
39) cis-1,3-Dichloropropene	7.586	75	21823	5.837	ug/L		99
40) 4-Methyl-2-pentanone	7.772	43	41446	10.142	ug/L		98
42) Toluene	7.946	91	65896	5.803	ug/L		100
44) trans-1,3-Dichloropropene	8.190	75	19309	5.953	ug/L		99

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Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	8.377	97	16592	5.962	ug/L		97
46) Tetrachloroethene	8.528	164	13297	6.213	ug/L		96
48) 2-Hexanone	8.676	43	29236	9.319	ug/L		93
49) Dibromochloromethane	8.785	129	15200	6.010	ug/L		97
50) 1,2-Dibromoethane	8.901	107	17971	6.216	ug/L		90
51) Chlorobenzene	9.425	112	45068	5.975	ug/L		96
52) Ethylbenzene	9.547	91	76125	6.018	ug/L		98
53) m,p-Xylene	9.672	106	28858	6.065	ug/L		95
54) o-Xylene	10.077	106	28098	5.998	ug/L		97
55) Styrene	10.097	104	41442	5.398	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.756	83	25897	5.541	ug/L		98
59) Bromoform	10.267	173	10726	6.341	ug/L	#	70
60) 1,2,3-Trichloropropane	10.801	75	22286	6.289	ug/L		96
61) Isopropylbenzene	10.460	105	74961	6.429	ug/L		100
62) 1,3,5-Trimethylbenzene	11.065	105	58565	6.121	ug/L		98
63) 1,2,4-Trimethylbenzene	11.444	105	55048	5.953	ug/L		100
64) 1,3-Dichlorobenzene	11.727	146	33057	6.241	ug/L		97
65) 1,4-Dichlorobenzene	11.814	146	34621	6.476	ug/L		97
67) 1,2-Dichlorobenzene	12.190	146	32109	6.191	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.971	75	4310	5.273	ug/L		90
69) 1,3,5-Trichlorobenzene	13.196	180	20095	5.437	ug/L		98
70) 1,2,4-trichlorobenzene	13.820	180	15957	5.240	ug/L		99
71) Naphthalene	14.068	128	34473	4.166	ug/L		100
72) 1,2,3-Trichlorobenzene	14.306	180	15598	5.345	ug/L		97

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