

Process Report

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Order ID : Q3037

Date	Bottle ID	Lab Sample Number	InComing Vacuum	Canister ID	Can Size	Reg ID	Reg Size	Batch Code	Certification ID
09/09/2025	B2508049	Q3037-01	-10.8	10608	6 L	10640		C2508001	VL042828.D Seq :VL080725 TUNE : VL042823.D ICAL : VL042752.D CCAL : VL042824.D MB : VL042825.D



Canister Cleaning

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Canister Batch : C2508001

Type of Canister : 6 L

Cleaning Date : 08/04/2025

Analyst : SAM

Oven Temperature : 125.0 c

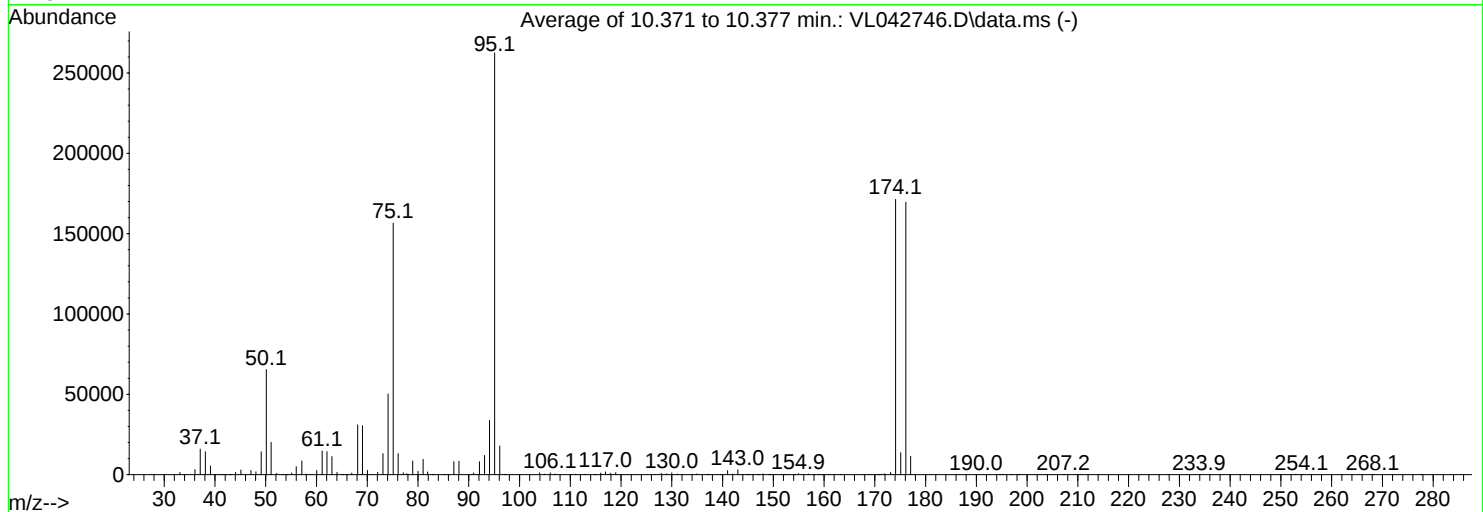
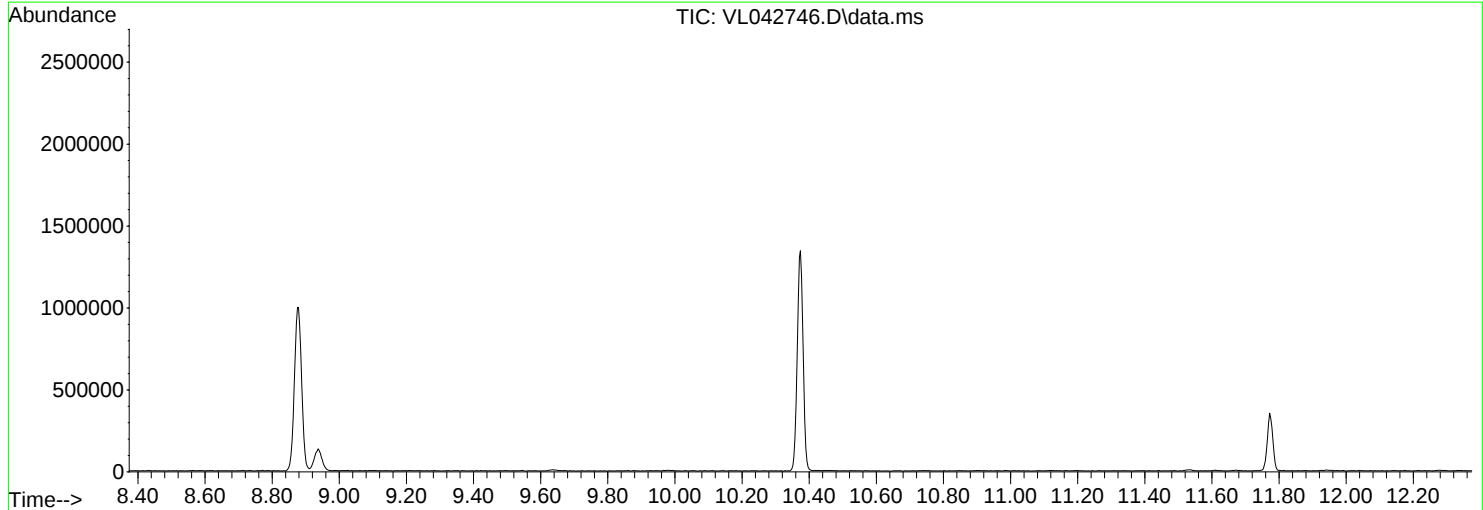
Canister	Vaccum After Cleaning ("Hg)	Vaccum After Cleaning Date	Analysis Date	VAC 24Hr ("Hg)	Vaccum After 24hr Date	New Sample Number	QC Canister	File
10332	-30	08/05/2025	08/07/2025	-30	08/06/2025		10608	VL042828.D
10300	-30	08/05/2025	08/07/2025	-30	08/06/2025	Q2887-02	10608	VL042828.D
10608	-30	08/05/2025	08/07/2025	-30	08/06/2025	Q3037-01	10608	VL042828.D
10158	-30	08/05/2025	08/07/2025	-30	08/06/2025	Q2887-01	10608	VL042828.D
10445	-30	08/05/2025	08/07/2025	-30	08/06/2025		10608	VL042828.D
10595	-30	08/05/2025	08/07/2025	-30	08/06/2025		10608	VL042828.D
10320	-30	08/05/2025	08/07/2025	-30	08/06/2025	Q3039-01	10608	VL042828.D
10607	-30	08/05/2025	08/07/2025	-30	08/06/2025	Q2887-03	10608	VL042828.D

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
Data File : VL042746.D
Acq On : 23 Jul 2025 08:00
Operator : SY/MD
Sample : BFB
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
Last Update : Thu Jul 24 05:24:41 2025



AutoFind: Scans 3177, 3178, 3179; Background Corrected with Scan 3150

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	24.9	65392	PASS
75	95	30	66	59.7	156629	PASS
95	95	100	100	100.0	262571	PASS
96	95	5	9	6.8	17820	PASS
173	174	0.00	2	0.8	1428	PASS
174	95	50	120	65.3	171349	PASS
175	174	4	9	8.0	13693	PASS
176	174	93	101	99.0	169621	PASS
177	176	5	9	6.7	11431	PASS

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\

Method File : VL072325AIR.M

Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

Last Update : Thu Jul 24 05:24:41 2025

Response Via : Initial Calibration

Calibration Files

0.03=VL042752.D 0.1 =VL042754.D 0.5 =VL042750.D 1 =VL042749.D 2 =VL042748.D 10 =VL042747.D 15 =VL042753.D

Compound	0.03	0.1	0.5	1	2	10	15	Avg	%RSD

1) I Bromochloromethane	-----ISTD-----								
2) T Dichlorodifluo...			1.468	1.339	1.377	1.198	1.229	1.322	8.34
3) Chlorodifluoro...			1.890	1.757	1.772	1.625	1.567	1.722	7.41
4) Chloromethane			0.585	0.579	0.531	0.484	0.495	0.535	8.70
5) T Vinyl Chloride	0.825	0.549	0.516	0.476	0.485	0.411	0.437	0.528	26.27
6) T Bromomethane			0.227	0.239	0.181	0.178	0.196	0.204	13.52
7) Chloroethane			0.278	0.196	0.189	0.177	0.181	0.204	20.51
8) T Dichlorotetra...			1.186	1.130	1.123	0.980	1.017	1.087	7.89
9) T Propene			0.621	0.662	0.681	0.594	0.572	0.626	7.25
10) T Heptane			1.719	1.672	1.780	1.633	1.635	1.688	3.68
11) T Trichlorofluor...			1.457	1.435	1.412	1.226	1.285	1.363	7.47
12) T 1,1,2-Trichlor...			1.115	1.063	1.069	0.940	0.991	1.036	6.67
13) Ethanol			0.141	0.104	0.073	0.050	0.049	0.083	46.80
14) T Bromoethene			0.393	0.379	0.381	0.337	0.343	0.367	6.76
15) T Acetone			1.853	1.479	1.521	0.998	1.054	1.381	25.75
16) T 1,3-Butadiene			0.726	0.602	0.583	0.509	0.524	0.589	14.57
17) tert-Butyl alc...			1.366	1.275	1.265	1.165	1.156	1.245	7.01
18) T 1,1-Dichloroet...			0.536	0.530	0.453	0.404	0.417	0.468	13.20
19) T Isopropyl Alcohol			0.857	0.764	0.726	0.659	0.663	0.734	11.12
20) T Methylene Chlo...			0.595	0.458	0.419	0.337	0.367	0.435	23.16
21) T Allyl Chloride			0.903	0.856	0.876	0.798	0.821	0.851	4.92
22) T trans-1,2-Dich...			0.553	0.506	0.523	0.460	0.475	0.503	7.46
23) T Vinyl Acetate			1.643	1.502	1.688	1.704	1.833	1.674	7.14
24) T 1,1-Dichloroet...			1.053	1.117	1.071	0.945	0.981	1.033	6.75
25) T Ethyl Acetate			3.125	3.122	3.212	2.954	2.870	3.056	4.57
26) T Hexane			1.325	1.425	1.433	1.281	1.240	1.341	6.43
27) T Carbon Disulfide			1.146	1.183	1.165	1.088	1.157	1.148	3.13
28) T Methyl tert-Bu...			0.653	0.613	0.650	0.556	0.696	0.633	8.28
29) T Chloroform			2.261	2.104	2.136	1.915	1.943	2.072	6.92
30) T Cyclohexane			1.137	1.140	1.201	1.125	1.083	1.137	3.74
31) T cis-1,2-Dichlo...			1.459	1.406	1.414	1.306	1.304	1.378	5.05
32) T 1,1,1-Trichlor...	2.522	2.330	2.133	2.048	2.132	1.957	1.985	2.158	9.39

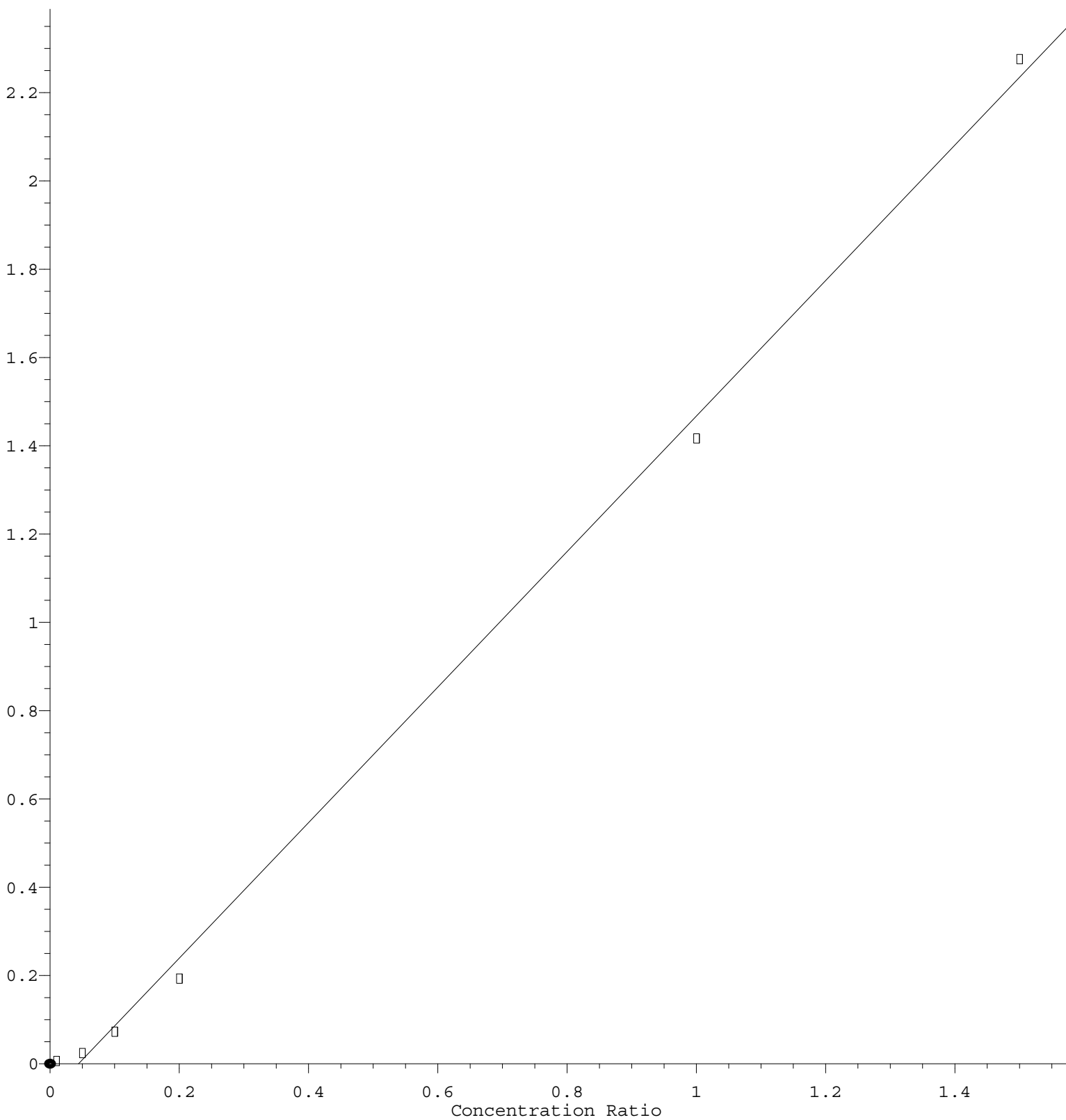
33) I 1,4-Difluorobenzene	-----ISTD-----								
34) T 2-Butanone			0.730	0.713	0.761	0.663	0.675	0.708	5.64
35) T Carbon Tetrach...	0.950	0.692	0.681	0.709	0.735	0.701	0.731	0.743	12.56
36) T Benzene			0.976	0.971	0.995	0.896	0.900	0.948	4.86
37) T 1,2-Dichloroet...			0.595	0.585	0.584	0.537	0.553	0.571	4.34
38) T Trichloroethene	0.511	0.503	0.452	0.459	0.445	0.408	0.409	0.455	8.97
39) T 1,2-Dichloropr...			0.371	0.362	0.363	0.324	0.330	0.350	6.13

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\										
Method File : VL072325AIR.M										
40) T	1,4-Dioxane			0.177	0.170	0.174	0.141	0.153	0.163	9.36
41) T	Tetrahydrofuran			0.361	0.350	0.367	0.362	0.362	0.360	1.74
42) T	Bromodichlorom...			0.720	0.761	0.755	0.723	0.759	0.744	2.75
43) T	Methyl Methacr...			0.321	0.324	0.331	0.348	0.361	0.337	5.05
44) T	2,2,4-Trimethy...			1.515	1.585	1.634	1.486	1.503	1.545	4.03
45) T	t-1,3-Dichloro...			0.357	0.340	0.375	0.402	0.415	0.378	8.21
46) T	cis-1,3-Dichlo...			0.435	0.459	0.479	0.507	0.514	0.479	6.95
47) T	1,1,2-Trichlor...			0.393	0.384	0.385	0.347	0.356	0.373	5.41
48) T	Dibromochlorom...			0.569	0.571	0.600	0.600	0.619	0.592	3.61
49) T	Bromoform			0.483	0.502	0.517	0.529	0.549	0.516	4.87
50) T	4-Methyl-2-Pen...			0.876	0.907	0.956	0.895	0.928	0.912	3.39
51) T	2-Hexanone			0.573	0.647	0.744	0.726	0.757	0.690	11.25
52) T	Tetrachloroethene	0.504	0.422	0.374	0.394	0.378	0.339	0.339	0.393	14.53
53) T	Toluene			0.954	0.993	1.074	1.022	1.045	1.018	4.55
54) T	1,2-Dibromoethane		0.498	0.550	0.531	0.539	0.514	0.529	0.527	3.51
-----ISTD-----										
55) I	Chlorobenzene-d5									
56) T	1,1,1,2-Tetrac...			0.548	0.520	0.541	0.484	0.508	0.520	4.96
57) T	Chlorobenzene			1.019	1.019	1.016	0.879	0.905	0.968	7.22
58) T	Ethyl Benzene			1.426	1.548	1.744	1.551	1.627	1.579	7.40
59) T	m/p-Xylene			1.151	1.275	1.354	1.234	1.296	1.262	6.00
60) T	o-Xylene			1.155	1.280	1.381	1.225	1.264	1.261	6.55
61) T	Styrene			0.450	0.495	0.552	0.561	0.594	0.531	10.81
62) T	Isopropylbenzene			1.722	1.885	2.034	1.793	1.866	1.860	6.27
63) T	1,1,2,2-Tetrac...	1.105	0.785	0.761	0.795	0.803	0.693	0.726	0.810	16.82
64) T	n-propylbenzene			0.437	0.490	0.533	0.469	0.496	0.485	7.31
65) T	tert-Butylbenzene			1.496	1.669	1.839	1.606	1.652	1.652	7.52
66) T	Benzyl Chloride			0.114	0.115	0.128	0.159	0.163	0.136	17.43
67) T	sec-Butylbenzene			2.162	2.474	2.592	2.225	2.297	2.350	7.61
68) S	1-Bromo-4-Fluo...	0.780	0.759	0.782	0.799	0.805	0.801	0.818	0.792	2.50
69) T	p-Isopropyltol...			1.620	1.907	2.137	1.928	1.989	1.916	9.83
70) T	n-Butylbenzene			1.422	1.811	2.090	1.939	1.994	1.851	14.06
71) T	2-Chlorotoluene			1.331	1.444	1.522	1.385	1.451	1.426	5.08
72) T	4-Ethyltoluene			1.292	1.493	1.632	1.524	1.589	1.506	8.74
73) T	1,3,5-Trimethy...			1.096	1.193	1.315	1.275	1.321	1.240	7.70
74) T	1,2,4-Trimethy...			1.115	1.345	1.489	1.384	1.432	1.353	10.61
75) T	1,3-Dichlorobe...			0.914	0.970	1.038	0.887	0.933	0.948	6.14
76) T	1,4-Dichlorobe...			0.862	0.927	1.016	0.896	0.940	0.928	6.19
77) T	1,2-Dichlorobe...			0.920	0.996	1.002	0.848	0.894	0.932	7.10
78) T	Hexachloro-1,3...			0.897	0.908	0.953	0.712	0.748	0.844	12.62
79) T	Naphthalene		0.638	0.485	0.727	0.964	1.417	1.517	0.958	44.34
80) T	Naphthalene,2-...			0.036	0.048	0.071	0.685	0.790	0.326	115.91
81) T	1,2,4-Trichlor...			0.365	0.535	0.627	0.800	0.849	0.635	31.11

(#) = Out of Range

Naphthalene

Response Ratio



$$\text{Response} = 1.535\text{e}+000 * \text{Amt} - 6.678\text{e}-002$$

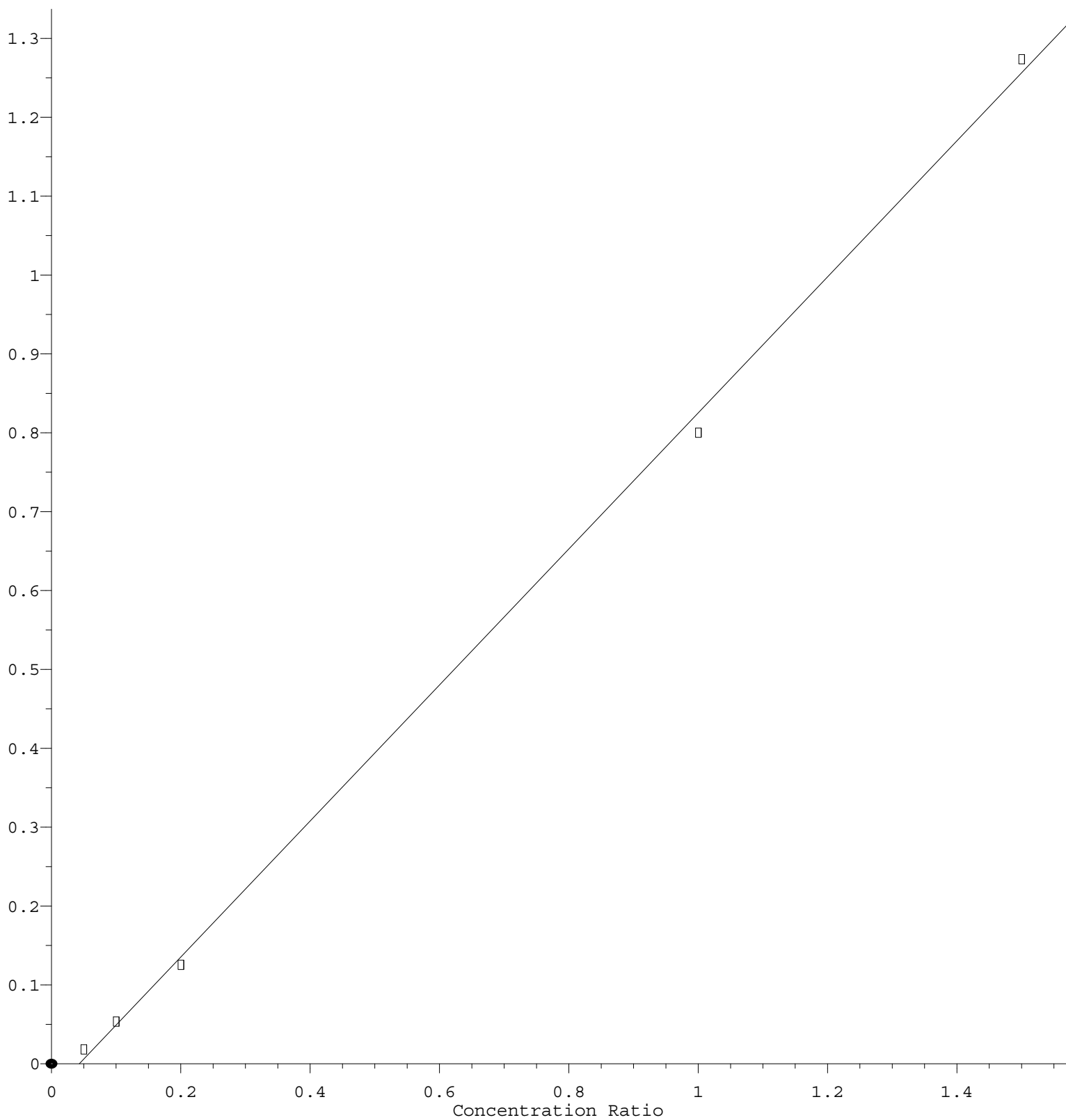
Coef of Det (r^2) = 0.997757 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA L\methods\VL072325AIR.M

Calibration Table Last Updated: Thu Jul 24 05:24:41 2025

1,2,4-Trichlorobenzene

Response Ratio



$$\text{Response} = 8.625\text{e-}001 * \text{Amt} - 3.751\text{e-}002$$

Coef of Det (r^2) = 0.999044 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA L\methods\VL072325AIR.M

Calibration Table Last Updated: Thu Jul 24 05:24:41 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042747.D
 Acq On : 23 Jul 2025 08:58
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 04:56:07 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 04:55:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.784	49	159080	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	462763	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	422206	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 338271 10.117 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	190592	9.062	ppbv	100
3) Chlorodifluoromethane	1.476	51	258542	9.436	ppbv	100
4) Chloromethane	1.531	50	77006	9.050	ppbv	100
5) Vinyl Chloride	1.580	62	65346	7.773	ppbv	100
6) Bromomethane	1.667	94	28292	8.705	ppbv	100
7) Chloroethane	1.703	64	28085	8.646	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	155875	9.011	ppbv	100
9) Propene	1.483	41	94480	9.488	ppbv	100
10) Heptane	4.975	43	259821	9.701	ppbv	100
11) Trichlorofluoromethane	1.878	101	194964	8.992	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.140	101	149612	9.081	ppbv	100
13) Ethanol	1.719	45	7949	9.867	ppbv	97
14) Bromoethene	1.780	108	53625	9.193	ppbv	100
15) Acetone	1.835	43	158714	7.225	ppbv	100
16) 1,3-Butadiene	1.609	39	80968	8.642	ppbv	100
17) tert-Butyl alcohol	2.039	59	185262	9.351	ppbv	100
18) 1,1-Dichloroethene	2.033	96	64224	8.627	ppbv	100
19) Isopropyl Alcohol	1.884	45	104903	8.987	ppbv	100
20) Methylene Chloride	2.059	84	53581	7.740	ppbv	100
21) Allyl Chloride	2.094	41	127021	9.382	ppbv	100
22) trans-1,2-Dichloroethene	2.340	96	73152	9.148	ppbv	100
23) Vinyl Acetate	2.460	43	271125	10.181	ppbv	100
24) 1,1-Dichloroethane	2.408	63	150257	9.141	ppbv	100
25) Ethyl Acetate	2.832	43	469997	9.666	ppbv	100
26) Hexane	2.826	57	203800	9.555	ppbv	100
27) Carbon Disulfide	2.149	76	173105	9.480	ppbv	100
28) Methyl tert-Butyl Ether	2.437	73	88372	8.770	ppbv	100
29) Chloroform	2.845	83	304670	9.244	ppbv	100
30) Cyclohexane	3.852	84	178948	9.892	ppbv	100
31) cis-1,2-Dichloroethene	2.719	61	207751	9.479	ppbv	100
32) 1,1,1-Trichloroethane	3.366	97	311368	9.069	ppbv	100
34) 2-Butanone	2.554	43	306858	9.361	ppbv	100
35) Carbon Tetrachloride	3.758	117	324501	9.436	ppbv	100
36) Benzene	3.654	78	414863	9.459	ppbv	100
37) 1,2-Dichloroethane	3.217	62	248414	9.403	ppbv	100
38) Trichloroethene	4.545	130	188750	8.926	ppbv	100
39) 1,2-Dichloropropane	4.311	63	149771	9.251	ppbv	100
40) 1,4-Dioxane	4.580	88	65413	8.569	ppbv #	100
41) Tetrahydrofuran	3.049	42	167323	10.160	ppbv	100
42) Bromodichloromethane	4.483	83	334531	9.713	ppbv	100
43) Methyl Methacrylate	4.875	69	161053	10.331	ppbv	100
44) 2,2,4-Trimethylpentane	4.638	57	687885	9.623	ppbv	100
45) t-1,3-Dichloropropene	6.412	75	185965	10.633	ppbv	100

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 Operator : SY/MD
 Sample : VSTDICCC010
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Instrument :
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Reviewed By : Semsettin Yesilyurt 07/24/2025
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Quant Time: Jul 24 04:56:07 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 04:55:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.596	75	234594	10.587	ppbv	100
47) 1,1,2-Trichloroethane	6.580	97	160431	9.297	ppbv	100
48) Dibromochloromethane	7.383	129	277832	10.141	ppbv	100
49) Bromoform	9.480	173	244997	10.256	ppbv	100
50) 4-Methyl-2-Pentanone	5.745	43	413966	9.914	ppbv	100
51) 2-Hexanone	7.432	43	336048	10.532	ppbv	100
52) Tetrachloroethene	8.225	164	156930	8.609	ppbv	100
53) Toluene	6.930	91	472953	10.042	ppbv	100
54) 1,2-Dibromoethane	7.648	107	238045	9.745	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.924	131	204205	9.302	ppbv	100
57) Chlorobenzene	8.920	112	371117	9.082	ppbv	100
58) Ethyl Benzene	9.354	91	655020	9.824	ppbv	100
59) m/p-Xylene	9.552	91	1042332m	19.555	ppbv	
60) o-Xylene	9.963	91	517292	9.715	ppbv	100
61) Styrene	9.869	104	236709	10.568	ppbv	100
62) Isopropylbenzene	10.539	105	757219	9.641	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	292568	8.434	ppbv	100
64) n-propylbenzene	10.989	120	198109	9.675	ppbv	100
65) tert-Butylbenzene	11.529	119	678174	9.721	ppbv	100
66) Benzyl Chloride	11.617	91	66954	11.691	ppbv	100
67) sec-Butylbenzene	11.765	105	939396	9.468	ppbv	100
69) p-Isopropyltoluene	11.924	119	814010	10.061	ppbv	100
70) n-Butylbenzene	12.280	91	818457	10.473	ppbv	100
71) 2-Chlorotoluene	10.898	91	584629	9.708	ppbv	100
72) 4-Ethyltoluene	11.125	105	643519	10.120	ppbv	100
73) 1,3,5-Trimethylbenzene	11.202	105	538451	10.285	ppbv	100
74) 1,2,4-Trimethylbenzene	11.536	105	584447	10.232	ppbv	100
75) 1,3-Dichlorobenzene	11.607	146	374587	9.355	ppbv	100
76) 1,4-Dichlorobenzene	11.672	146	378093	9.649	ppbv	100
77) 1,2-Dichlorobenzene	11.947	146	358206	9.102	ppbv	100
78) Hexachloro-1,3-Butadiene	13.879	225	300801	8.444	ppbv	100
79) Naphthalene	13.513	128	598108	9.665	ppbv	100
80) Naphthalene,2-methyl-	14.455	142	289412	9.404	ppbv	100
81) 1,2,4-Trichlorobenzene	13.439	180	337776	9.710	ppbv	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042748.D
 Acq On : 23 Jul 2025 09:34
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Jul 24 04:56:50 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 04:55:41 2025

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.780	49	158575	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	457804	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	410740	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.370 95 330476 10.160 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.495	85	43675	2.083	ppbv	98
3) Chlorodifluoromethane	1.473	51	56214	2.058	ppbv	99
4) Chloromethane	1.531	50	16834	1.985	ppbv	100
5) Vinyl Chloride	1.576	62	15384	1.836	ppbv	92
6) Bromomethane	1.664	94	5754	1.776	ppbv	83
7) Chloroethane	1.703	64	6001	1.853	ppbv	93
8) Dichlorotetrafluoroethane	1.554	85	35629	2.066	ppbv	100
9) Propene	1.483	41	21592	2.175	ppbv	97
10) Heptane	4.965	43	56442m	2.114	ppbv	
11) Trichlorofluoromethane	1.874	101	44770	2.072	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.136	101	33910	2.065	ppbv	99
13) Ethanol	1.719	45	2321	2.155	ppbv	78
14) Bromoethene	1.780	108	12078	2.077	ppbv #	96
15) Acetone	1.832	43	48226	2.202	ppbv	100
16) 1,3-Butadiene	1.606	39	18504	1.981	ppbv	96
17) tert-Butyl alcohol	2.036	59	40135	2.032	ppbv #	93
18) 1,1-Dichloroethene	2.030	96	14381	1.938	ppbv	93
19) Isopropyl Alcohol	1.884	45	23028	1.979	ppbv #	75
20) Methylene Chloride	2.059	84	13296	1.927	ppbv	97
21) Allyl Chloride	2.091	41	27789	2.059	ppbv	97
22) trans-1,2-Dichloroethene	2.337	96	16591m	2.081	ppbv	
23) Vinyl Acetate	2.457	43	53544	2.017	ppbv #	98
24) 1,1-Dichloroethane	2.405	63	33969	2.073	ppbv	99
25) Ethyl Acetate	2.832	43	101853	2.101	ppbv	99
26) Hexane	2.822	57	45446	2.137	ppbv	99
27) Carbon Disulfide	2.146	76	36945	2.030	ppbv #	36
28) Methyl tert-Butyl Ether	2.437	73	20603	2.051	ppbv	96
29) Chloroform	2.842	83	67755	2.062	ppbv	97
30) Cyclohexane	3.845	84	38095m	2.113	ppbv	
31) cis-1,2-Dichloroethene	2.716	61	44860	2.053	ppbv	96
32) 1,1,1-Trichloroethane	3.363	97	67608	1.976	ppbv	98
34) 2-Butanone	2.551	43	69674	2.149	ppbv	99
35) Carbon Tetrachloride	3.755	117	67338	1.979	ppbv	97
36) Benzene	3.648	78	91141	2.101	ppbv	94
37) 1,2-Dichloroethane	3.211	62	53482	2.046	ppbv	98
38) Trichloroethene	4.538	130	40713	1.946	ppbv	90
39) 1,2-Dichloropropane	4.305	63	33225	2.075	ppbv	94
40) 1,4-Dioxane	4.583	88	15890m	2.104	ppbv	
41) Tetrahydrofuran	3.052	42	33618	2.064	ppbv	94
42) Bromodichloromethane	4.480	83	69093	2.028	ppbv	94
43) Methyl Methacrylate	4.871	69	30336	1.967	ppbv	95
44) 2,2,4-Trimethylpentane	4.632	57	149588	2.115	ppbv	99
45) t-1,3-Dichloropropene	6.405	75	34331m	1.984	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042748.D
 Acq On : 23 Jul 2025 09:34
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 04:56:50 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 04:55:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	43845m	2.000	ppbv	
47) 1,1,2-Trichloroethane	6.567	97	35222m	2.063	ppbv	
48) Dibromochloromethane	7.380	129	54906	2.026	ppbv	96
49) Bromoform	9.477	173	47340	2.003	ppbv	96
50) 4-Methyl-2-Pentanone	5.748	43	87566m	2.120	ppbv	
51) 2-Hexanone	7.431	43	68093	2.157	ppbv #	99
52) Tetrachloroethene	8.215	164	34568	1.917	ppbv	94
53) Toluene	6.923	91	98346	2.111	ppbv	100
54) 1,2-Dibromoethane	7.645	107	49346	2.042	ppbv	91
56) 1,1,1,2-Tetrachloroethane	8.920	131	44409	2.079	ppbv	92
57) Chlorobenzene	8.914	112	83503	2.101	ppbv #	92
58) Ethyl Benzene	9.348	91	143251	2.208	ppbv	97
59) m/p-Xylene	9.545	91	222465m	4.290	ppbv	
60) o-Xylene	9.956	91	113462	2.190	ppbv	99
61) Styrene	9.865	104	45351	2.081	ppbv	100
62) Isopropylbenzene	10.535	105	167108	2.187	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.959	83	65928	1.954	ppbv	100
64) n-propylbenzene	10.982	120	43789	2.198	ppbv	98
65) tert-Butylbenzene	11.526	119	151081	2.226	ppbv	98
66) Benzyl Chloride	11.610	91	10485	1.882	ppbv	98
67) sec-Butylbenzene	11.762	105	212925	2.206	ppbv	99
69) p-Isopropyltoluene	11.921	119	175553	2.230	ppbv	99
70) n-Butylbenzene	12.277	91	171675	2.258	ppbv	99
71) 2-Chlorotoluene	10.898	91	125039	2.134	ppbv	98
72) 4-Ethyltoluene	11.121	105	134097	2.168	ppbv	98
73) 1,3,5-Trimethylbenzene	11.199	105	108055	2.122	ppbv	97
74) 1,2,4-Trimethylbenzene	11.532	105	122295	2.201	ppbv	95
75) 1,3-Dichlorobenzene	11.600	146	85254	2.188	ppbv	99
76) 1,4-Dichlorobenzene	11.665	146	83440	2.189	ppbv	99
77) 1,2-Dichlorobenzene	11.943	146	82311	2.150	ppbv	99
78) Hexachloro-1,3-Butadiene	13.876	225	78291	2.259	ppbv	99
79) Naphthalene	13.510	128	79191	1.690	ppbv	98
80) Naphthalene,2-methyl-	14.455	142	5851	1.298	ppbv	90
81) 1,2,4-Trichlorobenzene	13.435	180	51515	1.888	ppbv	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042749.D
 Acq On : 23 Jul 2025 10:08
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 04:57:36 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 04:55:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.784	49	156293	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	459770	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	410018	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.370 95 327673 10.091 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	20935	1.013	ppbv	93
3) Chlorodifluoromethane	1.473	51	27459	1.020	ppbv	99
4) Chloromethane	1.531	50	9047	1.082	ppbv	96
5) Vinyl Chloride	1.580	62	7432	0.900	ppbv	96
6) Bromomethane	1.667	94	3743	1.172	ppbv #	71
7) Chloroethane	1.703	64	3061	0.959	ppbv	99
8) Dichlorotetrafluoroethane	1.551	85	17668	1.040	ppbv	98
9) Propene	1.483	41	10346	1.057	ppbv	95
10) Heptane	4.975	43	26137m	0.993	ppbv	
11) Trichlorofluoromethane	1.874	101	22428	1.053	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	16608	1.026	ppbv	97
13) Ethanol	1.719	45	1620m	1.222	ppbv	
14) Bromoethene	1.780	108	5928	1.034	ppbv #	92
15) Acetone	1.832	43	23119	1.071	ppbv	94
16) 1,3-Butadiene	1.606	39	9416	1.023	ppbv	98
17) tert-Butyl alcohol	2.039	59	19926	1.024	ppbv #	93
18) 1,1-Dichloroethene	2.030	96	8276	1.132	ppbv	95
19) Isopropyl Alcohol	1.884	45	11942	1.041	ppbv #	42
20) Methylene Chloride	2.059	84	7153	1.052	ppbv	90
21) Allyl Chloride	2.091	41	13382	1.006	ppbv	92
22) trans-1,2-Dichloroethene	2.337	96	7909	1.007	ppbv	89
23) Vinyl Acetate	2.457	43	23472	0.897	ppbv #	91
24) 1,1-Dichloroethane	2.405	63	17459	1.081	ppbv	99
25) Ethyl Acetate	2.829	43	48790	1.021	ppbv	97
26) Hexane	2.823	57	22279	1.063	ppbv	98
27) Carbon Disulfide	2.146	76	18488	1.031	ppbv #	1
28) Methyl tert-Butyl Ether	2.434	73	9587	0.968	ppbv	90
29) Chloroform	2.845	83	32880	1.015	ppbv	95
30) Cyclohexane	3.852	84	17824	1.003	ppbv	97
31) cis-1,2-Dichloroethene	2.716	61	21979	1.021	ppbv	97
32) 1,1,1-Trichloroethane	3.363	97	32003	0.949	ppbv	97
34) 2-Butanone	2.554	43	32783	1.007	ppbv	98
35) Carbon Tetrachloride	3.758	117	32610	0.954	ppbv	92
36) Benzene	3.651	78	44638	1.024	ppbv	98
37) 1,2-Dichloroethane	3.211	62	26909	1.025	ppbv #	96
38) Trichloroethene	4.538	130	21122	1.005	ppbv	93
39) 1,2-Dichloropropane	4.305	63	16622	1.033	ppbv	94
40) 1,4-Dioxane	4.587	88	7811m	1.030	ppbv	
41) Tetrahydrofuran	3.056	42	16097	0.984	ppbv	97
42) Bromodichloromethane	4.480	83	34995m	1.023	ppbv	
43) Methyl Methacrylate	4.868	69	14886m	0.961	ppbv	
44) 2,2,4-Trimethylpentane	4.629	57	72865	1.026	ppbv	99
45) t-1,3-Dichloropropene	6.399	75	15641m	0.900	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042749.D
 Acq On : 23 Jul 2025 10:08
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 04:57:36 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 04:55:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	21088m	0.958	ppbv	
47) 1,1,2-Trichloroethane	6.574	97	17646	1.029	ppbv #	82
48) Dibromochloromethane	7.380	129	26259	0.965	ppbv	99
49) Bromoform	9.474	173	23083	0.973	ppbv	100
50) 4-Methyl-2-Pentanone	5.745	43	41715m	1.006	ppbv	
51) 2-Hexanone	7.435	43	29761	0.939	ppbv #	100
52) Tetrachloroethene	8.215	164	18131	1.001	ppbv	96
53) Toluene	6.927	91	45645	0.976	ppbv	98
54) 1,2-Dibromoethane	7.642	107	24427	1.007	ppbv	85
56) 1,1,1,2-Tetrachloroethane	8.920	131	21319	1.000	ppbv	94
57) Chlorobenzene	8.911	112	41788	1.053	ppbv #	85
58) Ethyl Benzene	9.351	91	63467	0.980	ppbv	98
59) m/p-Xylene	9.545	91	104545m	2.020	ppbv	
60) o-Xylene	9.959	91	52499	1.015	ppbv	99
61) Styrene	9.865	104	20313	0.934	ppbv	97
62) Isopropylbenzene	10.532	105	77278	1.013	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.956	83	32591	0.967	ppbv	100
64) n-propylbenzene	10.985	120	20073	1.009	ppbv	95
65) tert-Butylbenzene	11.526	119	68428	1.010	ppbv	95
66) Benzyl Chloride	11.610	91	4700	0.845	ppbv	96
67) sec-Butylbenzene	11.762	105	101458	1.053	ppbv	99
69) p-Isopropyltoluene	11.921	119	78186	0.995	ppbv	98
70) n-Butylbenzene	12.277	91	74257	0.978	ppbv	98
71) 2-Chlorotoluene	10.895	91	59193	1.012	ppbv	100
72) 4-Ethyltoluene	11.121	105	61199	0.991	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	48901	0.962	ppbv	99
74) 1,2,4-Trimethylbenzene	11.532	105	55153	0.994	ppbv	97
75) 1,3-Dichlorobenzene	11.600	146	39753	1.022	ppbv	97
76) 1,4-Dichlorobenzene	11.665	146	38018	0.999	ppbv	98
77) 1,2-Dichlorobenzene	11.943	146	40835	1.068	ppbv	98
78) Hexachloro-1,3-Butadiene	13.876	225	37228	1.076	ppbv	98
79) Naphthalene	13.510	128	29792	0.907	ppbv	97
80) Naphthalene,2-methyl-	14.449	142	1950	1.184	ppbv #	78
81) 1,2,4-Trichlorobenzene	13.435	180	21929	1.053	ppbv	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042750.D
 Acq On : 23 Jul 2025 10:42
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 04:58:18 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 04:55:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.784	49	151256	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	446836	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	408626	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 319353 9.869 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	11099	0.555	ppbv	98
3) Chlorodifluoromethane	1.476	51	14291	0.549	ppbv	97
4) Chloromethane	1.531	50	4428	0.547	ppbv	96
5) Vinyl Chloride	1.580	62	3902	0.488	ppbv	97
6) Bromomethane	1.667	94	1717	0.556	ppbv #	38
7) Chloroethane	1.703	64	2102	0.681	ppbv	97
8) Dichlorotetrafluoroethane	1.554	85	8971	0.545	ppbv	97
9) Propene	1.483	41	4695	0.496	ppbv #	77
10) Heptane	4.978	43	13003m	0.511	ppbv	
11) Trichlorofluoromethane	1.878	101	11021	0.535	ppbv	90
12) 1,1,2-Trichlorotrifluo...	2.137	101	8430	0.538	ppbv	98
13) Ethanol	1.719	45	1066m	0.498	ppbv	
14) Bromoethene	1.781	108	2971	0.536	ppbv #	92
15) Acetone	1.836	43	14012	0.671	ppbv #	88
16) 1,3-Butadiene	1.609	39	5488	0.616	ppbv	100
17) tert-Butyl alcohol	2.040	59	10333	0.549	ppbv #	77
18) 1,1-Dichloroethene	2.033	96	4051	0.572	ppbv	77
19) Isopropyl Alcohol	1.888	45	6478	0.584	ppbv #	81
20) Methylene Chloride	2.059	84	4500	0.684	ppbv	82
21) Allyl Chloride	2.098	41	6829	0.531	ppbv #	80
22) trans-1,2-Dichloroethene	2.341	96	4186	0.551	ppbv	88
23) Vinyl Acetate	2.460	43	12423	0.491	ppbv #	76
24) 1,1-Dichloroethane	2.405	63	7962	0.509	ppbv #	91
25) Ethyl Acetate	2.836	43	23632	0.511	ppbv	97
26) Hexane	2.823	57	10019	0.494	ppbv	90
27) Carbon Disulfide	2.150	76	8670	0.499	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	4937	0.515	ppbv #	79
29) Chloroform	2.849	83	17100	0.546	ppbv #	82
30) Cyclohexane	3.855	84	8596	0.500	ppbv	89
31) cis-1,2-Dichloroethene	2.723	61	11032	0.529	ppbv	99
32) 1,1,1-Trichloroethane	3.367	97	16132	0.494	ppbv	97
34) 2-Butanone	2.557	43	16299	0.515	ppbv	94
35) Carbon Tetrachloride	3.761	117	15207	0.458	ppbv	90
36) Benzene	3.651	78	21800	0.515	ppbv	96
37) 1,2-Dichloroethane	3.215	62	13299	0.521	ppbv #	95
38) Trichloroethene	4.548	130	10097m	0.494	ppbv	
39) 1,2-Dichloropropane	4.312	63	8291	0.530	ppbv #	90
40) 1,4-Dioxane	4.606	88	3963m	0.538	ppbv	
41) Tetrahydrofuran	3.056	42	8064m	0.507	ppbv	
42) Bromodichloromethane	4.487	83	16080m	0.484	ppbv	
43) Methyl Methacrylate	4.881	69	7162m	0.476	ppbv	
44) 2,2,4-Trimethylpentane	4.639	57	33853	0.490	ppbv	93
45) t-1,3-Dichloropropene	6.412	75	7968m	0.472	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042750.D
 Acq On : 23 Jul 2025 10:42
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 04:58:18 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 04:55:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	9709m	0.454	ppbv	
47) 1,1,2-Trichloroethane	6.574	97	8782m	0.527	ppbv	
48) Dibromochloromethane	7.383	129	12723m	0.481	ppbv	
49) Bromoform	9.481	173	10801	0.468	ppbv	97
50) 4-Methyl-2-Pentanone	5.768	43	19575m	0.486	ppbv	
51) 2-Hexanone	7.448	43	12813m	0.416	ppbv	
52) Tetrachloroethene	8.218	164	8359	0.475	ppbv #	81
53) Toluene	6.924	91	21324	0.469	ppbv	95
54) 1,2-Dibromoethane	7.649	107	12294m	0.521	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.924	131	11191	0.527	ppbv #	1
57) Chlorobenzene	8.921	112	20828	0.527	ppbv #	84
58) Ethyl Benzene	9.354	91	29134	0.451	ppbv	96
59) m/p-Xylene	9.549	91	47028m	0.912	ppbv	
60) o-Xylene	9.963	91	23603	0.458	ppbv	100
61) Styrene	9.872	104	9195	0.424	ppbv	97
62) Isopropylbenzene	10.539	105	35189	0.463	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.956	83	15544	0.463	ppbv	99
64) n-propylbenzene	10.989	120	8924	0.450	ppbv	99
65) tert-Butylbenzene	11.529	119	30560	0.453	ppbv	95
66) Benzyl Chloride	11.617	91	2336m	0.421	ppbv	
67) sec-Butylbenzene	11.766	105	44169	0.460	ppbv	100
69) p-Isopropyltoluene	11.924	119	33104	0.423	ppbv	99
70) n-Butylbenzene	12.280	91	29048	0.384	ppbv	99
71) 2-Chlorotoluene	10.902	91	27184	0.466	ppbv	97
72) 4-Ethyltoluene	11.125	105	26395	0.429	ppbv #	95
73) 1,3,5-Trimethylbenzene	11.206	105	22392	0.442	ppbv #	85
74) 1,2,4-Trimethylbenzene	11.536	105	22772	0.412	ppbv	96
75) 1,3-Dichlorobenzene	11.607	146	18680	0.482	ppbv	96
76) 1,4-Dichlorobenzene	11.669	146	17616	0.465	ppbv	97
77) 1,2-Dichlorobenzene	11.947	146	18799	0.494	ppbv	98
78) Hexachloro-1,3-Butadiene	13.879	225	18330	0.532	ppbv	99
79) Naphthalene	13.514	128	9916	0.592	ppbv	97
80) Naphthalene,2-methyl-	14.481	142	731	1.148	ppbv #	61
81) 1,2,4-Trichlorobenzene	13.436	180	7453	0.645	ppbv	95

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042752.D
 Acq On : 23 Jul 2025 11:50
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 04:59:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Jul 24 04:55:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.784	49	151834	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	432802	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	387541	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	302164	9.845	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.580	62	376	0.047	ppbv #	68
32) 1,1,1-Trichloroethane	3.366	97	1149m	0.035	ppbv	
35) Carbon Tetrachloride	3.755	117	1233m	0.038	ppbv	
38) Trichloroethene	4.535	130	664m	0.034	ppbv	
52) Tetrachloroethene	8.215	164	654m	0.038	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.959	83	1285m	0.040	ppbv	

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

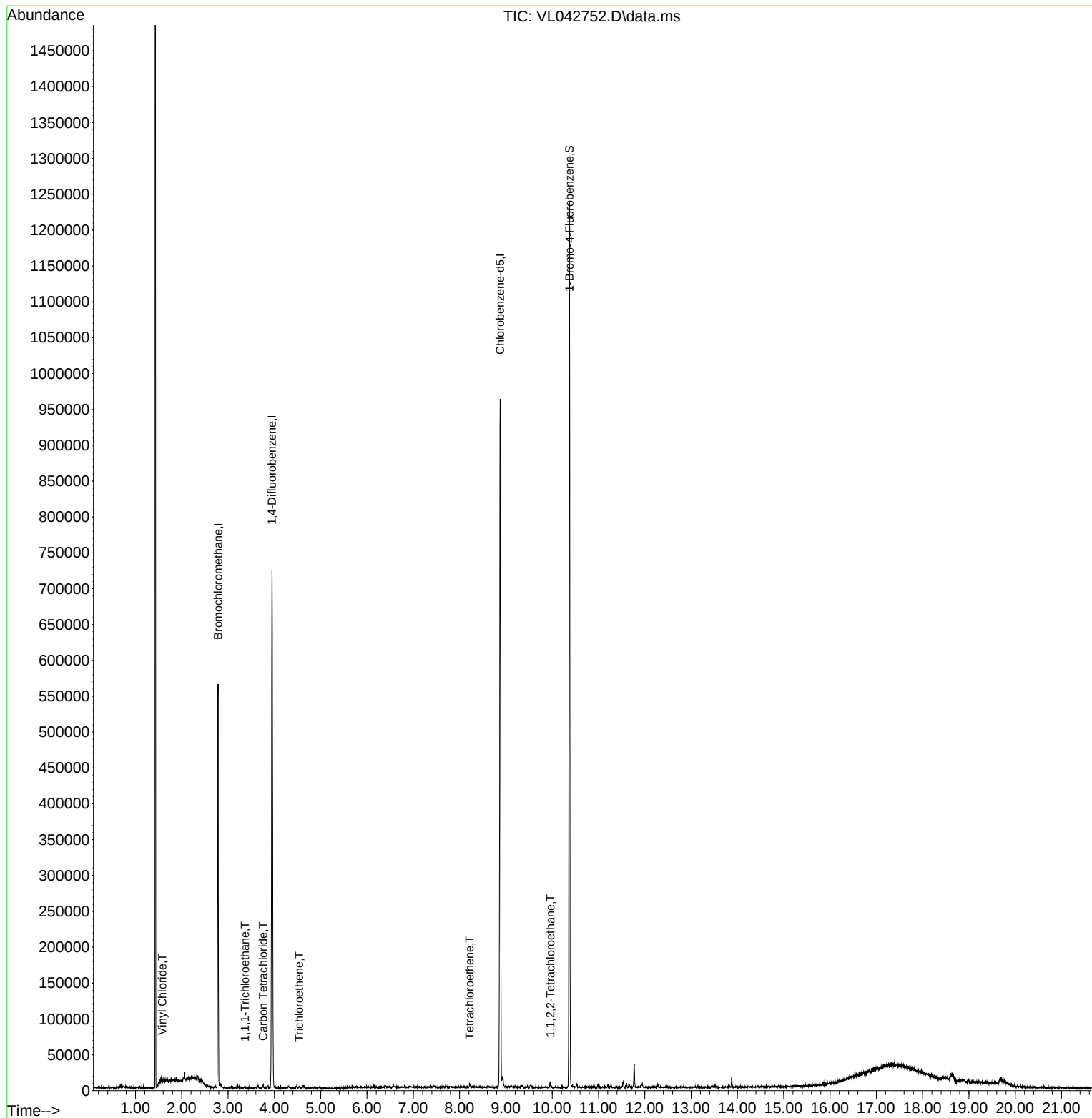
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
Data File : VL042752.D
Acq On : 23 Jul 2025 11:50
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jul 24 04:59:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Jul 24 04:55:41 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 07/24/2025
Supervised By : Mahesh Dadoda 07/24/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042753.D
 Acq On : 23 Jul 2025 12:26
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:00:31 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 04:55:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.784	49	150331	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	427438	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	385223	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.370 95 315293 10.335 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	277045	13.938	ppbv	98
3) Chlorodifluoromethane	1.473	51	353451	13.651	ppbv	98
4) Chloromethane	1.531	50	111684	13.889	ppbv	96
5) Vinyl Chloride	1.577	62	98596	12.410	ppbv	96
6) Bromomethane	1.667	94	44144	14.372	ppbv	92
7) Chloroethane	1.703	64	40909	13.327	ppbv	97
8) Dichlorotetrafluoroethane	1.554	85	229298	14.028	ppbv	99
9) Propene	1.483	41	129069	13.716	ppbv	99
10) Heptane	4.972	43	368612	14.563	ppbv	99
11) Trichlorofluoromethane	1.874	101	289764	14.143	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.136	101	223552	14.358	ppbv	99
13) Ethanol	1.719	45	11145	15.142	ppbv	86
14) Bromoethene	1.780	108	77435	14.047	ppbv	98
15) Acetone	1.832	43	237665	11.449	ppbv	98
16) 1,3-Butadiene	1.606	39	118252	13.355	ppbv	99
17) tert-Butyl alcohol	2.036	59	260587	13.919	ppbv	98
18) 1,1-Dichloroethene	2.030	96	94140	13.382	ppbv	93
19) Isopropyl Alcohol	1.881	45	149463	13.549	ppbv	99
20) Methylene Chloride	2.059	84	82755	12.651	ppbv	97
21) Allyl Chloride	2.094	41	185201	14.476	ppbv	100
22) trans-1,2-Dichloroethene	2.337	96	107003	14.160	ppbv	92
23) Vinyl Acetate	2.457	43	413378	16.426	ppbv	99
24) 1,1-Dichloroethane	2.405	63	221175	14.239	ppbv	100
25) Ethyl Acetate	2.829	43	647150	14.084	ppbv	99
26) Hexane	2.819	57	279549	13.869	ppbv	99
27) Carbon Disulfide	2.146	76	260884	15.119	ppbv	98
28) Methyl tert-Butyl Ether	2.437	73	156895	16.477	ppbv	97
29) Chloroform	2.842	83	438155	14.067	ppbv	100
30) Cyclohexane	3.849	84	244116	14.280	ppbv	98
31) cis-1,2-Dichloroethene	2.716	61	293947	14.192	ppbv	98
32) 1,1,1-Trichloroethane	3.363	97	447592	13.796	ppbv	100
34) 2-Butanone	2.551	43	432873	14.297	ppbv	100
35) Carbon Tetrachloride	3.755	117	468957	14.764	ppbv	98
36) Benzene	3.651	78	577153	14.247	ppbv	99
37) 1,2-Dichloroethane	3.211	62	354637	14.533	ppbv	100
38) Trichloroethene	4.541	130	262041	13.416	ppbv	97
39) 1,2-Dichloropropane	4.305	63	211594	14.150	ppbv	99
40) 1,4-Dioxane	4.567	88	98196	13.926	ppbv #	99
41) Tetrahydrofuran	3.046	42	232393	15.278	ppbv	99
42) Bromodichloromethane	4.480	83	486831	15.303	ppbv	99
43) Methyl Methacrylate	4.868	69	231227	16.059	ppbv	98
44) 2,2,4-Trimethylpentane	4.629	57	963867	14.598	ppbv	98
45) t-1,3-Dichloropropene	6.406	75	266194	16.478	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042753.D
 Acq On : 23 Jul 2025 12:26
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:00:31 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 04:55:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.587	75	329850	16.115	ppbv	99
47) 1,1,2-Trichloroethane	6.567	97	228492	14.335	ppbv	96
48) Dibromochloromethane	7.380	129	397179	15.695	ppbv	99
49) Bromoform	9.477	173	352050	15.955	ppbv	97
50) 4-Methyl-2-Pentanone	5.732	43	594973	15.427	ppbv	100
51) 2-Hexanone	7.428	43	485325	16.467	ppbv #	100
52) Tetrachloroethene	8.221	164	217184	12.899	ppbv	95
53) Toluene	6.923	91	670142	15.405	ppbv	99
54) 1,2-Dibromoethane	7.645	107	338867	15.019	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.920	131	293384	14.648	ppbv	99
57) Chlorobenzene	8.917	112	522894	14.025	ppbv	98
58) Ethyl Benzene	9.351	91	940159	15.454	ppbv	99
59) m/p-Xylene	9.545	91	1497932m	30.800	ppbv	
60) o-Xylene	9.959	91	730161	15.030	ppbv	100
61) Styrene	9.866	104	343429	16.805	ppbv	100
62) Isopropylbenzene	10.536	105	1078393	15.049	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.959	83	419734	13.261	ppbv	98
64) n-propylbenzene	10.985	120	286724	15.348	ppbv	97
65) tert-Butylbenzene	11.529	119	954459	14.995	ppbv	98
66) Benzyl Chloride	11.610	91	94218	18.031	ppbv	98
67) sec-Butylbenzene	11.762	105	1327393	14.662	ppbv	99
69) p-Isopropyltoluene	11.921	119	1149418	15.571	ppbv	99
70) n-Butylbenzene	12.277	91	1152207	16.159	ppbv	100
71) 2-Chlorotoluene	10.898	91	838335	15.257	ppbv	99
72) 4-Ethyltoluene	11.121	105	918453	15.830	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	763212	15.977	ppbv	100
74) 1,2,4-Trimethylbenzene	11.532	105	827222	15.873	ppbv	97
75) 1,3-Dichlorobenzene	11.604	146	539284	14.761	ppbv	99
76) 1,4-Dichlorobenzene	11.668	146	542998	15.188	ppbv	100
77) 1,2-Dichlorobenzene	11.943	146	516714	14.390	ppbv	98
78) Hexachloro-1,3-Butadiene	13.876	225	432138	13.296	ppbv	99
79) Naphthalene	13.507	128	876734	15.265	ppbv	99
80) Naphthalene,2-methyl-	14.452	142	456529	15.438	ppbv	98
81) 1,2,4-Trichlorobenzene	13.436	180	490575	15.200	ppbv	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042754.D
 Acq On : 23 Jul 2025 13:00
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:01:17 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 04:55:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.784	49	152358	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.953	114	438604	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	393042	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	298283	9.583	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.583	62	837	0.104	ppbv #	60
32) 1,1,1-Trichloroethane	3.363	97	3550	0.108	ppbv	96
35) Carbon Tetrachloride	3.758	117	3035m	0.093	ppbv	
38) Trichloroethene	4.555	130	2207m	0.110	ppbv	
52) Tetrachloroethene	8.222	164	1852m	0.107	ppbv	
54) 1,2-Dibromoethane	7.665	107	2184m	0.094	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.963	83	3084m	0.095	ppbv	
79) Naphthalene	13.514	128	2509	0.475	ppbv #	96

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

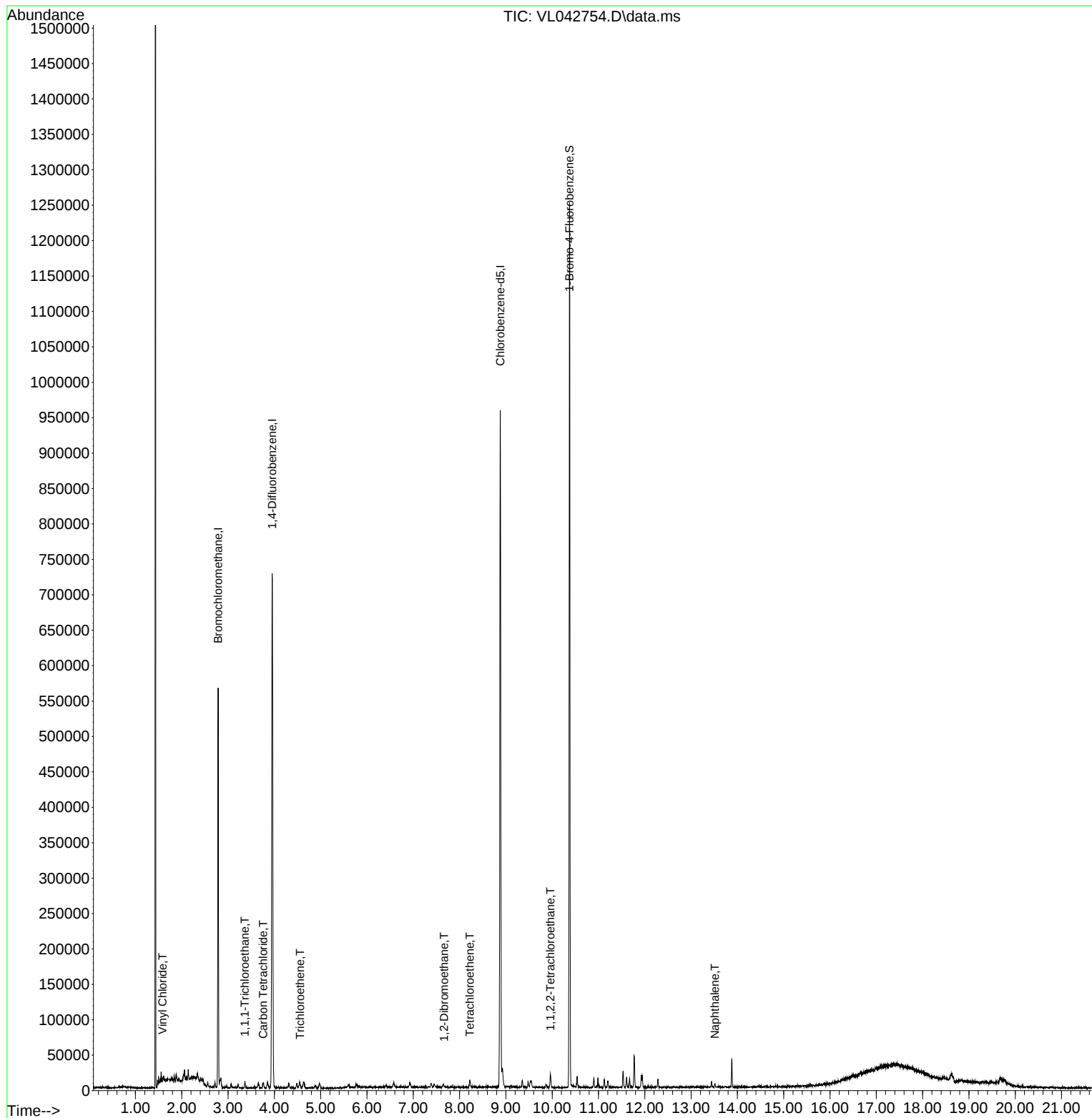
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Data File : VL042754.D
Acq On : 23 Jul 2025 13:00
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:01:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Jul 24 04:55:41 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042755.D
 Acq On : 23 Jul 2025 14:33
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL072325

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:28:48 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.781	49	148064	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	421747	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	380539	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.370 95 313324 10.397 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	185425	9.472	ppbv	99
3) Chlorodifluoromethane	1.473	51	242908	9.525	ppbv	99
4) Chloromethane	1.531	50	72221	9.119	ppbv	98
5) Vinyl Chloride	1.577	62	64673	8.265	ppbv	100
6) Bromomethane	1.664	94	27096	8.957	ppbv	99
7) Chloroethane	1.700	64	26125	8.641	ppbv	99
8) Dichlorotetrafluoroethane	1.551	85	148833	9.244	ppbv	100
9) Propene	1.479	41	86343	9.316	ppbv	95
10) Heptane	4.965	43	247934	9.921	ppbv	99
11) Trichlorofluoromethane	1.874	101	179643	8.902	ppbv	93
12) 1,1,2-Trichlorotrifluo...	2.136	101	138363	9.023	ppbv	98
13) Ethanol	1.719	45	7690	10.243	ppbv	92
14) Bromoethene	1.777	108	48972	9.020	ppbv	98
15) Acetone	1.832	43	149742	7.324	ppbv	99
16) 1,3-Butadiene	1.606	39	79112	9.072	ppbv	98
17) tert-Butyl alcohol	2.036	59	170096	9.225	ppbv	98
18) 1,1-Dichloroethene	2.030	96	62149	8.970	ppbv	96
19) Isopropyl Alcohol	1.881	45	97844	9.006	ppbv	99
20) Methylene Chloride	2.056	84	53608	8.320	ppbv	98
21) Allyl Chloride	2.091	41	118958	9.441	ppbv	100
22) trans-1,2-Dichloroethene	2.334	96	69482	9.322	ppbv	97
23) Vinyl Acetate	2.457	43	261938	10.568	ppbv	98
24) 1,1-Dichloroethane	2.402	63	137586	8.993	ppbv	99
25) Ethyl Acetate	2.829	43	444208	9.816	ppbv	99
26) Hexane	2.819	57	190523	9.597	ppbv	98
27) Carbon Disulfide	2.146	76	164040	9.652	ppbv	99
28) Methyl tert-Butyl Ether	2.434	73	85480	9.114	ppbv	98
29) Chloroform	2.842	83	295808	9.643	ppbv	99
30) Cyclohexane	3.849	84	164554	9.773	ppbv	98
31) cis-1,2-Dichloroethene	2.716	61	199970	9.802	ppbv	99
32) 1,1,1-Trichloroethane	3.360	97	293074	9.172	ppbv	100
34) 2-Butanone	2.551	43	294837	9.869	ppbv	99
35) Carbon Tetrachloride	3.755	117	310129	9.900	ppbv	96
36) Benzene	3.648	78	393085	9.834	ppbv	99
37) 1,2-Dichloroethane	3.211	62	238249	9.895	ppbv	100
38) Trichloroethene	4.538	130	178600	9.301	ppbv	97
39) 1,2-Dichloropropane	4.305	63	141316	9.578	ppbv	95
40) 1,4-Dioxane	4.570	88	65204	9.481	ppbv #	94
41) Tetrahydrofuran	3.046	42	158159	10.404	ppbv	99
42) Bromodichloromethane	4.477	83	321549	10.254	ppbv	98
43) Methyl Methacrylate	4.865	69	152551	10.738	ppbv	97
44) 2,2,4-Trimethylpentane	4.629	57	649720	9.973	ppbv	99
45) t-1,3-Dichloropropene	6.402	75	169563	10.643	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042755.D
 Acq On : 23 Jul 2025 14:33
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL072325

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:28:48 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.587	75	215596	10.679	ppbv	97
47) 1,1,2-Trichloroethane	6.564	97	154882m	9.848	ppbv	
48) Dibromochloromethane	7.380	129	261174	10.460	ppbv	98
49) Bromoform	9.477	173	233573	10.729	ppbv	99
50) 4-Methyl-2-Pentanone	5.736	43	396506	10.303	ppbv	100
51) 2-Hexanone	7.428	43	320740	11.029	ppbv #	100
52) Tetrachloroethene	8.218	164	151810	9.163	ppbv	98
53) Toluene	6.927	91	441829	10.294	ppbv	100
54) 1,2-Dibromoethane	7.645	107	229563	10.331	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.920	131	193089	9.759	ppbv	99
57) Chlorobenzene	8.914	112	354412	9.623	ppbv	96
58) Ethyl Benzene	9.348	91	631247	10.504	ppbv	99
59) m/p-Xylene	9.545	91	1016249m	21.160	ppbv	
60) o-Xylene	9.959	91	503849	10.499	ppbv	99
61) Styrene	9.866	104	225799	11.185	ppbv	99
62) Isopropylbenzene	10.536	105	736044	10.398	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.956	83	287775	9.340	ppbv	99
64) n-propylbenzene	10.982	120	193034	10.460	ppbv	98
65) tert-Butylbenzene	11.526	119	660966	10.512	ppbv	99
66) Benzyl Chloride	11.610	91	60055	11.634	ppbv	99
67) sec-Butylbenzene	11.762	105	914046	10.221	ppbv	100
69) p-Isopropyltoluene	11.921	119	778601	10.677	ppbv	99
70) n-Butylbenzene	12.277	91	788734	11.197	ppbv	99
71) 2-Chlorotoluene	10.895	91	563193	10.376	ppbv	99
72) 4-Ethyltoluene	11.121	105	617355	10.772	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	516735	10.951	ppbv	100
74) 1,2,4-Trimethylbenzene	11.532	105	567186	11.017	ppbv	98
75) 1,3-Dichlorobenzene	11.604	146	366855	10.165	ppbv	99
76) 1,4-Dichlorobenzene	11.668	146	364937	10.333	ppbv	99
77) 1,2-Dichlorobenzene	11.943	146	348999	9.839	ppbv	99
78) Hexachloro-1,3-Butadiene	13.876	225	291861	9.091	ppbv	99
79) Naphthalene	13.510	128	578563	10.342	ppbv	99
80) Naphthalene,2-methyl-	14.452	142	277798	9.951	ppbv	99
81) 1,2,4-Trichlorobenzene	13.436	180	319897	10.181	ppbv	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042755.D
 Acq On : 23 Jul 2025 14:33
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL072325

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

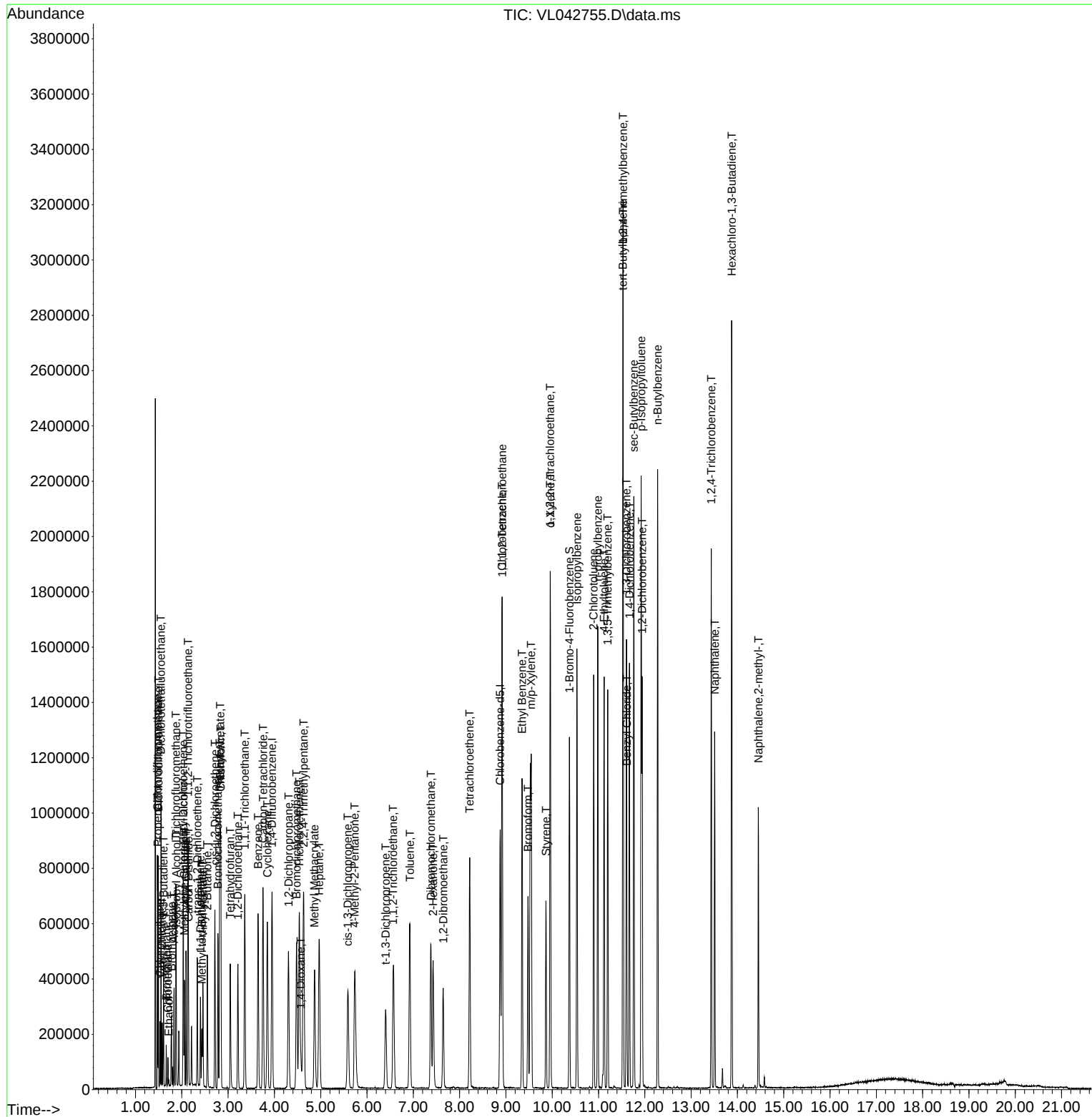
Quant Time: Jul 24 05:28:48 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042755.D
 Acq On : 23 Jul 2025 14:33
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL072325

Quant Time: Jul 24 05:28:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	93	0.00
2 T	Dichlorodifluoromethane	1.322	1.252	5.3	97	0.00
3	Chlorodifluoromethane	1.722	1.641	4.7	94	0.00
4	Chloromethane	0.535	0.488	8.8	94	0.00
5 T	Vinyl Chloride	0.528	0.437	17.2	99	0.00
6 T	Bromomethane	0.204	0.183	10.3	96	0.00
7	Chloroethane	0.204	0.176	13.7	93	0.00
8 T	Dichlorotetrafluoroethane	1.087	1.005	7.5	95	0.00
9 T	Propene	0.626	0.583	6.9	91	0.00
10 T	Heptane	1.688	1.675	0.8	95	0.00
11 T	Trichlorofluoromethane	1.363	1.213	11.0	92	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.036	0.934	9.8	92	0.00
13	Ethanol	0.083	0.052	37.3#	97	0.00
14 T	Bromoethene	0.367	0.331	9.8	91	0.00
15 T	Acetone	1.381	1.011	26.8	94	0.00
16 T	1,3-Butadiene	0.589	0.534	9.3	98	0.00
17	tert-Butyl alcohol	1.245	1.149	7.7	92	0.00
18 T	1,1-Dichloroethene	0.468	0.420	10.3	97	0.00
19 T	Isopropyl Alcohol	0.734	0.661	9.9	93	0.00
20 T	Methylene Chloride	0.435	0.362	16.8	100	0.00
21 T	Allyl Chloride	0.851	0.803	5.6	94	0.00
22 T	trans-1,2-Dichloroethene	0.503	0.469	6.8	95	0.00
23 T	Vinyl Acetate	1.674	1.769	-5.7	97	0.00
24 T	1,1-Dichloroethane	1.033	0.929	10.1	92	0.00
25 T	Ethyl Acetate	3.056	3.000	1.8	95	0.00
26 T	Hexane	1.341	1.287	4.0	93	0.00
27 T	Carbon Disulfide	1.148	1.108	3.5	95	0.00
28 T	Methyl tert-Butyl Ether	0.633	0.577	8.8	97	0.00
29 T	Chloroform	2.072	1.998	3.6	97	0.00
30 T	Cyclohexane	1.137	1.111	2.3	92	0.00
31 T	cis-1,2-Dichloroethene	1.378	1.351	2.0	96	0.00
32 T	1,1,1-Trichloroethane	2.158	1.979	8.3	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
34 T	2-Butanone	0.708	0.699	1.3	96	0.00
35 T	Carbon Tetrachloride	0.743	0.735	1.1	96	0.00
36 T	Benzene	0.948	0.932	1.7	95	0.00
37 T	1,2-Dichloroethane	0.571	0.565	1.1	96	0.00
38 T	Trichloroethene	0.455	0.423	7.0	95	0.00
39 T	1,2-Dichloropropane	0.350	0.335	4.3	94	0.00
40 T	1,4-Dioxane	0.163	0.155	4.9	100	0.00
41 T	Tetrahydrofuran	0.360	0.375	-4.2	95	0.00
42 T	Bromodichloromethane	0.744	0.762	-2.4	96	0.00
43	Methyl Methacrylate	0.337	0.362	-7.4	95	0.00
44 T	2,2,4-Trimethylpentane	1.545	1.541	0.3	94	0.00
45 T	t-1,3-Dichloropropene	0.378	0.402	-6.3	91	0.00
46 T	cis-1,3-Dichloropropene	0.479	0.511	-6.7	92	0.00
47 T	1,1,2-Trichloroethane	0.373	0.367	1.6	97	-0.02
48 T	Dibromochloromethane	0.592	0.619	-4.6	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042755.D
 Acq On : 23 Jul 2025 14:33
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL072325

Quant Time: Jul 24 05:28:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.516	0.554	-7.4	95	0.00
50 T	4-Methyl-2-Pentanone	0.912	0.940	-3.1	96	0.00
51 T	2-Hexanone	0.690	0.761	-10.3	95	0.00
52 T	Tetrachloroethene	0.393	0.360	8.4	97	0.00
53 T	Toluene	1.018	1.048	-2.9	93	0.00
54 T	1,2-Dibromoethane	0.527	0.544	-3.2	96	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	0.520	0.507	2.5	95	0.00
57 T	Chlorobenzene	0.968	0.931	3.8	95	0.00
58 T	Ethyl Benzene	1.579	1.659	-5.1	96	0.00
59 T	m/p-Xylene	1.262	1.335	-5.8	97	0.00
60 T	o-Xylene	1.261	1.324	-5.0	97	0.00
61 T	Styrene	0.531	0.593	-11.7	95	0.00
62	Isopropylbenzene	1.860	1.934	-4.0	97	0.00
63 T	1,1,2,2-Tetrachloroethane	0.810	0.756	6.7	98	0.00
64	n-propylbenzene	0.485	0.507	-4.5	97	0.00
65	tert-Butylbenzene	1.652	1.737	-5.1	97	0.00
66 T	Benzyl Chloride	0.136	0.158	-16.2	90	0.00
67	sec-Butylbenzene	2.350	2.402	-2.2	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.792	0.823	-3.9	93	0.00
69	p-Isopropyltoluene	1.916	2.046	-6.8	96	0.00
70	n-Butylbenzene	1.851	2.073	-12.0	96	0.00
71	2-Chlorotoluene	1.426	1.480	-3.8	96	0.00
72 T	4-Ethyltoluene	1.506	1.622	-7.7	96	0.00
73 T	1,3,5-Trimethylbenzene	1.240	1.358	-9.5	96	0.00
74 T	1,2,4-Trimethylbenzene	1.353	1.490	-10.1	97	0.00
75 T	1,3-Dichlorobenzene	0.948	0.964	-1.7	98	0.00
76 T	1,4-Dichlorobenzene	0.928	0.959	-3.3	97	0.00
77 T	1,2-Dichlorobenzene	0.932	0.917	1.6	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.844	0.767	9.1	97	0.00
79 T	Naphthalene	0.958	1.520	-58.7#	97	0.00
80 T	Naphthalene,2-methyl-	0.326	0.730	-123.9#	96	0.00
81 T	1,2,4-Trichlorobenzene	0.635	0.841	-32.4#	95	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042755.D
 Acq On : 23 Jul 2025 14:33
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL072325

Quant Time: Jul 24 05:28:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	10.000	10.000	0.0	93	0.00
2 T	Dichlorodifluoromethane	10.000	9.472	5.3	97	0.00
3	Chlorodifluoromethane	10.000	9.525	4.7	94	0.00
4	Chloromethane	10.000	9.119	8.8	94	0.00
5 T	Vinyl Chloride	10.000	8.265	17.3	99	0.00
6 T	Bromomethane	10.000	8.957	10.4	96	0.00
7	Chloroethane	10.000	8.641	13.6	93	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.244	7.6	95	0.00
9 T	Propene	10.000	9.316	6.8	91	0.00
10 T	Heptane	10.000	9.921	0.8	95	0.00
11 T	Trichlorofluoromethane	10.000	8.902	11.0	92	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	9.023	9.8	92	0.00
13	Ethanol	10.000	10.243	-2.4	97	0.00
14 T	Bromoethene	10.000	9.020	9.8	91	0.00
15 T	Acetone	10.000	7.324	26.8	94	0.00
16 T	1,3-Butadiene	10.000	9.072	9.3	98	0.00
17	tert-Butyl alcohol	10.000	9.225	7.8	92	0.00
18 T	1,1-Dichloroethene	10.000	8.970	10.3	97	0.00
19 T	Isopropyl Alcohol	10.000	9.006	9.9	93	0.00
20 T	Methylene Chloride	10.000	8.320	16.8	100	0.00
21 T	Allyl Chloride	10.000	9.441	5.6	94	0.00
22 T	trans-1,2-Dichloroethene	10.000	9.322	6.8	95	0.00
23 T	Vinyl Acetate	10.000	10.568	-5.7	97	0.00
24 T	1,1-Dichloroethane	10.000	8.993	10.1	92	0.00
25 T	Ethyl Acetate	10.000	9.816	1.8	95	0.00
26 T	Hexane	10.000	9.597	4.0	93	0.00
27 T	Carbon Disulfide	10.000	9.652	3.5	95	0.00
28 T	Methyl tert-Butyl Ether	10.000	9.114	8.9	97	0.00
29 T	Chloroform	10.000	9.643	3.6	97	0.00
30 T	Cyclohexane	10.000	9.773	2.3	92	0.00
31 T	cis-1,2-Dichloroethene	10.000	9.802	2.0	96	0.00
32 T	1,1,1-Trichloroethane	10.000	9.172	8.3	94	0.00
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	91	0.00
34 T	2-Butanone	10.000	9.869	1.3	96	0.00
35 T	Carbon Tetrachloride	10.000	9.900	1.0	96	0.00
36 T	Benzene	10.000	9.834	1.7	95	0.00
37 T	1,2-Dichloroethane	10.000	9.895	1.1	96	0.00
38 T	Trichloroethene	10.000	9.301	7.0	95	0.00
39 T	1,2-Dichloropropane	10.000	9.578	4.2	94	0.00
40 T	1,4-Dioxane	10.000	9.481	5.2	100	0.00
41 T	Tetrahydrofuran	10.000	10.404	-4.0	95	0.00
42 T	Bromodichloromethane	10.000	10.254	-2.5	96	0.00
43	Methyl Methacrylate	10.000	10.738	-7.4	95	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.973	0.3	94	0.00
45 T	t-1,3-Dichloropropene	10.000	10.643	-6.4	91	0.00
46 T	cis-1,3-Dichloropropene	10.000	10.679	-6.8	92	0.00
47 T	1,1,2-Trichloroethane	10.000	9.848	1.5	97	-0.02
48 T	Dibromochloromethane	10.000	10.460	-4.6	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072325\
 Data File : VL042755.D
 Acq On : 23 Jul 2025 14:33
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL072325

Quant Time: Jul 24 05:28:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	Bromoform	10.000	10.729	-7.3	95	0.00
50 T	4-Methyl-2-Pentanone	10.000	10.303	-3.0	96	0.00
51 T	2-Hexanone	10.000	11.029	-10.3	95	0.00
52 T	Tetrachloroethene	10.000	9.163	8.4	97	0.00
53 T	Toluene	10.000	10.294	-2.9	93	0.00
54 T	1,2-Dibromoethane	10.000	10.331	-3.3	96	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	10.000	9.759	2.4	95	0.00
57 T	Chlorobenzene	10.000	9.623	3.8	95	0.00
58 T	Ethyl Benzene	10.000	10.504	-5.0	96	0.00
59 T	m/p-Xylene	20.000	21.160	-5.8	97	0.00
60 T	o-Xylene	10.000	10.499	-5.0	97	0.00
61 T	Styrene	10.000	11.185	-11.9	95	0.00
62	Isopropylbenzene	10.000	10.398	-4.0	97	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	9.340	6.6	98	0.00
64	n-propylbenzene	10.000	10.460	-4.6	97	0.00
65	tert-Butylbenzene	10.000	10.512	-5.1	97	0.00
66 T	Benzyl Chloride	10.000	11.634	-16.3	90	0.00
67	sec-Butylbenzene	10.000	10.221	-2.2	97	0.00
68 S	1-Bromo-4-Fluorobenzene	10.000	10.397	-4.0	93	0.00
69	p-Isopropyltoluene	10.000	10.677	-6.8	96	0.00
70	n-Butylbenzene	10.000	11.197	-12.0	96	0.00
71	2-Chlorotoluene	10.000	10.376	-3.8	96	0.00
72 T	4-Ethyltoluene	10.000	10.772	-7.7	96	0.00
73 T	1,3,5-Trimethylbenzene	10.000	10.951	-9.5	96	0.00
74 T	1,2,4-Trimethylbenzene	10.000	11.017	-10.2	97	0.00
75 T	1,3-Dichlorobenzene	10.000	10.165	-1.6	98	0.00
76 T	1,4-Dichlorobenzene	10.000	10.333	-3.3	97	0.00
77 T	1,2-Dichlorobenzene	10.000	9.839	1.6	97	0.00
78 T	Hexachloro-1,3-Butadiene	10.000	9.091	9.1	97	0.00
79 T	Naphthalene	10.000	10.342	-3.4	97	0.00
80 T	Naphthalene,2-methyl-	10.000	9.951	0.5	96	0.00
81 T	1,2,4-Trichlorobenzene	10.000	10.181	-1.8	95	0.00

(#) = Out of Range

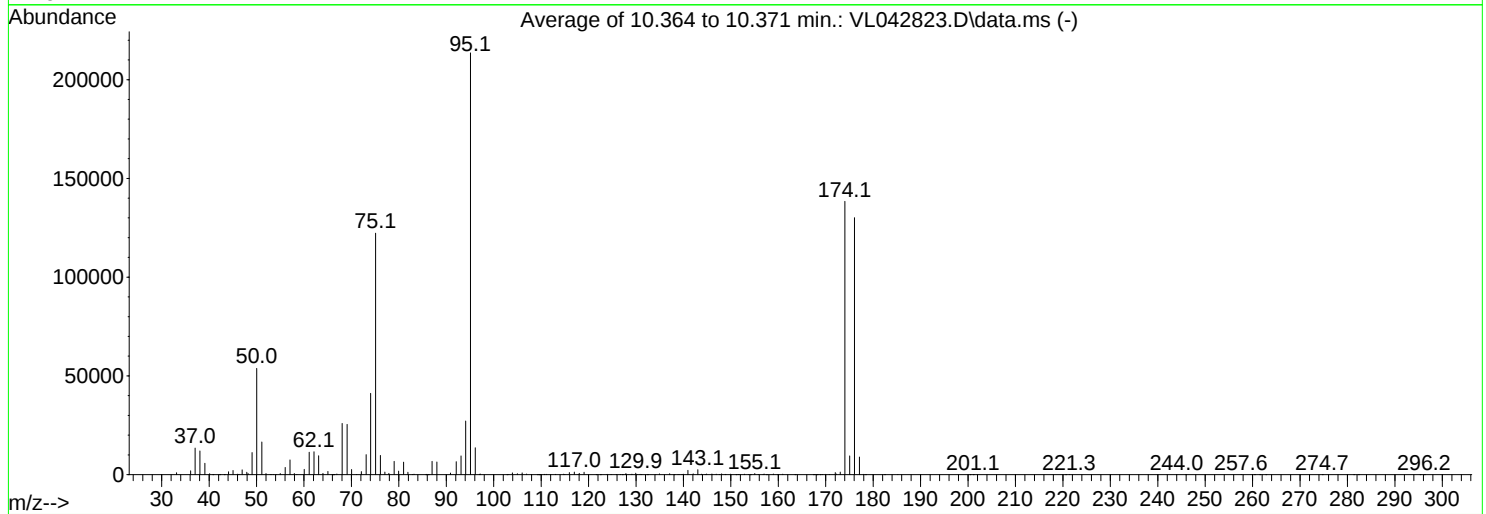
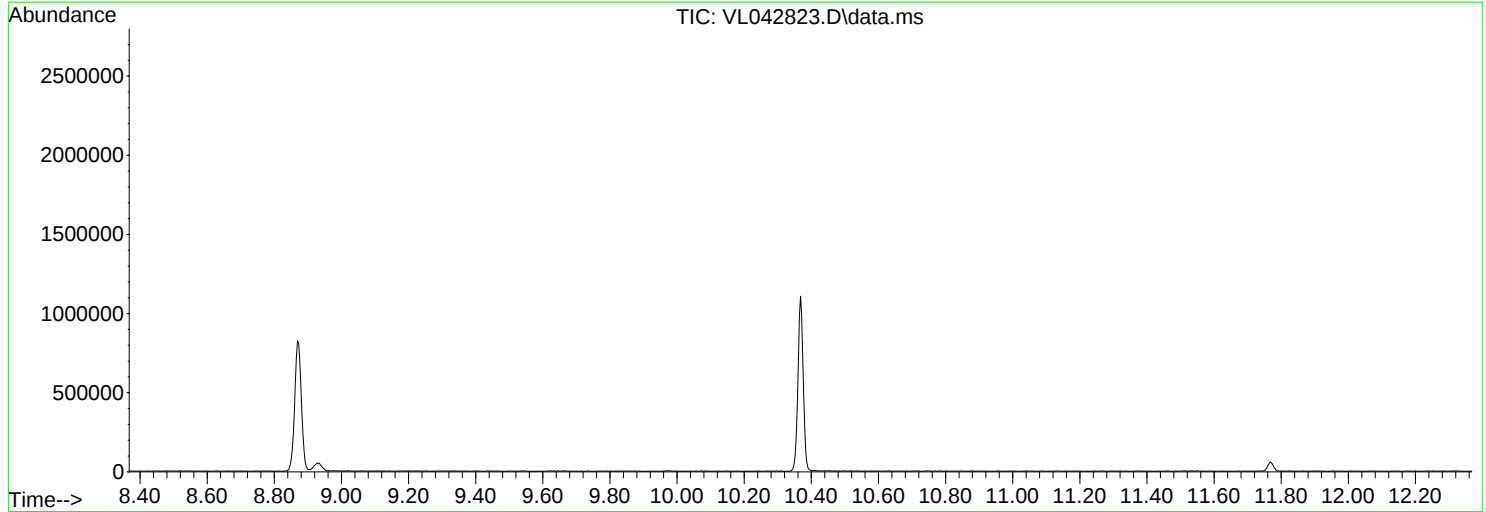
SPCC's out = 0 CCC's out = 0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
Data File : VL042823.D
Acq On : 07 Aug 2025 07:42
Operator : SY/MD
Sample : BFB
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
Last Update : Thu Jul 24 05:24:41 2025



AutoFind: Scans 3175, 3176, 3177; Background Corrected with Scan 3162

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	25.2	53840	PASS
75	95	30	66	57.2	122251	PASS
95	95	100	100	100.0	213589	PASS
96	95	5	9	6.4	13653	PASS
173	174	0.00	2	1.0	1322	PASS
174	95	50	120	64.8	138379	PASS
175	174	4	9	6.9	9520	PASS
176	174	93	101	94.0	130096	PASS
177	176	5	9	6.8	8909	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042824.D
 Acq On : 07 Aug 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/08/2025
 Supervised By : Mahesh Dadoda 08/11/2025

Quant Time: Aug 08 01:12:22 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 8 2025

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.780	49	152875	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	409968	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	350615	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.370 95 289682 10.433 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.495	85	198002	9.796	ppbv	99
3) Chlorodifluoromethane	1.473	51	259636	9.861	ppbv	99
4) Chloromethane	1.531	50	81057	9.913	ppbv	99
5) Vinyl Chloride	1.576	62	69415	8.592	ppbv	97
6) Bromomethane	1.664	94	29967	9.594	ppbv	100
7) Chloroethane	1.703	64	29394	9.416	ppbv	97
8) Dichlorotetrafluoroethane	1.550	85	160036	9.627	ppbv	99
9) Propene	1.482	41	84574	8.838	ppbv	100
10) Heptane	4.965	43	266506	10.328	ppbv	99
11) Trichlorofluoromethane	1.874	101	202046	9.697	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	154906	9.784	ppbv	99
13) Ethanol	1.719	45	6698	8.461	ppbv	96
14) Bromoethene	1.777	108	54097	9.650	ppbv	99
15) Acetone	1.832	43	168703	7.992	ppbv	98
16) 1,3-Butadiene	1.605	39	83330	9.255	ppbv	99
17) tert-Butyl alcohol	2.036	59	172327	9.051	ppbv	98
18) 1,1-Dichloroethene	2.029	96	64871	9.068	ppbv	99
19) Isopropyl Alcohol	1.881	45	103955	9.267	ppbv	98
20) Methylene Chloride	2.055	84	58299	8.764	ppbv	97
21) Allyl Chloride	2.091	41	127987	9.837	ppbv	99
22) trans-1,2-Dichloroethene	2.337	96	75249	9.778	ppbv	92
23) Vinyl Acetate	2.457	43	276849	10.818	ppbv	99
24) 1,1-Dichloroethane	2.405	63	157224	9.953	ppbv	100
25) Ethyl Acetate	2.829	43	470307	10.065	ppbv	99
26) Hexane	2.819	57	199330	9.725	ppbv	96
27) Carbon Disulfide	2.146	76	181651	10.352	ppbv	97
28) Methyl tert-Butyl Ether	2.437	73	96685	9.985	ppbv	99
29) Chloroform	2.842	83	325268	10.269	ppbv	96
30) Cyclohexane	3.845	84	162874	9.369	ppbv	94
31) cis-1,2-Dichloroethene	2.712	61	193169	9.171	ppbv	94
32) 1,1,1-Trichloroethane	3.360	97	310277	9.404	ppbv	99
34) 2-Butanone	2.551	43	304692	10.492	ppbv	99
35) Carbon Tetrachloride	3.751	117	332414	10.916	ppbv	98
36) Benzene	3.648	78	396745	10.211	ppbv	98
37) 1,2-Dichloroethane	3.211	62	246983	10.552	ppbv	99
38) Trichloroethene	4.538	130	179403	9.611	ppbv	95
39) 1,2-Dichloropropane	4.298	63	147118	10.258	ppbv	99
40) 1,4-Dioxane	4.564	88	63053	9.432	ppbv #	93
41) Tetrahydrofuran	3.046	42	159238	10.776	ppbv	96
42) Bromodichloromethane	4.476	83	338249	11.096	ppbv	95
43) Methyl Methacrylate	4.868	69	144407	10.456	ppbv	98
44) 2,2,4-Trimethylpentane	4.628	57	693154	10.945	ppbv	98
45) t-1,3-Dichloropropene	6.399	75	156600	10.112	ppbv #	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042824.D
 Acq On : 07 Aug 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/08/2025
 Supervised By : Mahesh Dadoda 08/11/2025

Quant Time: Aug 08 01:12:22 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 8 2025

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.587	75	202323	10.309	ppbv	98
47) 1,1,2-Trichloroethane	6.567	97	159326	10.421	ppbv	96
48) Dibromochloromethane	7.376	129	272360	11.222	ppbv	99
49) Bromoform	9.474	173	244228	11.540	ppbv	99
50) 4-Methyl-2-Pentanone	5.735	43	407716	10.899	ppbv	97
51) 2-Hexanone	7.425	43	326255	11.541	ppbv #	96
52) Tetrachloroethene	8.215	164	145788	9.052	ppbv	98
53) Toluene	6.920	91	432808m	10.373	ppbv	
54) 1,2-Dibromoethane	7.642	107	233457	10.808	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.917	131	211408	11.597	ppbv	99
57) Chlorobenzene	8.914	112	371449	10.947	ppbv	97
58) Ethyl Benzene	9.348	91	615869	11.123	ppbv	98
59) m/p-Xylene	9.542	91	1060554m	23.967	ppbv	
60) o-Xylene	9.956	91	524632	11.865	ppbv	100
61) Styrene	9.865	104	207723	11.168	ppbv	99
62) Isopropylbenzene	10.532	105	750824	11.512	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.956	83	318926	11.235	ppbv	99
64) n-propylbenzene	10.982	120	203161	11.948	ppbv	99
65) tert-Butylbenzene	11.526	119	685288	11.829	ppbv	99
66) Benzyl Chloride	11.610	91	67529	14.199	ppbv	98
67) sec-Butylbenzene	11.762	105	963413	11.692	ppbv	99
69) p-Isopropyltoluene	11.921	119	822590	12.243	ppbv	100
70) n-Butylbenzene	12.277	91	841132	12.960	ppbv	99
71) 2-Chlorotoluene	10.895	91	575639	11.510	ppbv	99
72) 4-Ethyltoluene	11.118	105	644350	12.202	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	541834	12.462	ppbv	100
74) 1,2,4-Trimethylbenzene	11.532	105	608776	12.834	ppbv	92
75) 1,3-Dichlorobenzene	11.600	146	386529	11.624	ppbv	99
76) 1,4-Dichlorobenzene	11.665	146	391456	12.030	ppbv	99
77) 1,2-Dichlorobenzene	11.940	146	380829	11.653	ppbv	99
78) Hexachloro-1,3-Butadiene	13.876	225	302640	10.231	ppbv	99
79) Naphthalene	13.507	128	563249	10.903	ppbv	100
80) Naphthalene,2-methyl-	14.452	142	203706	8.150	ppbv	98
81) 1,2,4-Trichlorobenzene	13.435	180	313518	10.802	ppbv	100

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

Manual Integrations APPROVED

Quant Time: Aug 08 01:12:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Jul 24 05:24:41 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042824.D
 Acq On : 07 Aug 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 08 01:12:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	96	0.00
2 T	Dichlorodifluoromethane	1.322	1.295	2.0	104	0.00
3	Chlorodifluoromethane	1.722	1.698	1.4	100	0.00
4	Chloromethane	0.535	0.530	0.9	105	0.00
5 T	Vinyl Chloride	0.528	0.454	14.0	106	0.00
6 T	Bromomethane	0.204	0.196	3.9	106	0.00
7	Chloroethane	0.204	0.192	5.9	105	0.00
8 T	Dichlorotetrafluoroethane	1.087	1.047	3.7	103	0.00
9 T	Propene	0.626	0.553	11.7	90	0.00
10 T	Heptane	1.688	1.743	-3.3	103	0.00
11 T	Trichlorofluoromethane	1.363	1.322	3.0	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.036	1.013	2.2	104	0.00
13	Ethanol	0.083	0.044#	47.0#	84	0.00
14 T	Bromoethene	0.367	0.354	3.5	101	0.00
15 T	Acetone	1.381	1.104	20.1	106	0.00
16 T	1,3-Butadiene	0.589	0.545	7.5	103	0.00
17	tert-Butyl alcohol	1.245	1.127	9.5	93	0.00
18 T	1,1-Dichloroethene	0.468	0.424	9.4	101	0.00
19 T	Isopropyl Alcohol	0.734	0.680	7.4	99	0.00
20 T	Methylene Chloride	0.435	0.381	12.4	109	0.00
21 T	Allyl Chloride	0.851	0.837	1.6	101	0.00
22 T	trans-1,2-Dichloroethene	0.503	0.492	2.2	103	0.00
23 T	Vinyl Acetate	1.674	1.811	-8.2	102	0.00
24 T	1,1-Dichloroethane	1.033	1.028	0.5	105	0.00
25 T	Ethyl Acetate	3.056	3.076	-0.7	100	0.00
26 T	Hexane	1.341	1.304	2.8	98	0.00
27 T	Carbon Disulfide	1.148	1.188	-3.5	105	0.00
28 T	Methyl tert-Butyl Ether	0.633	0.632	0.2	109	0.00
29 T	Chloroform	2.072	2.128	-2.7	107	0.00
30 T	Cyclohexane	1.137	1.065	6.3	91	0.00
31 T	cis-1,2-Dichloroethene	1.378	1.264	8.3	93	0.00
32 T	1,1,1-Trichloroethane	2.158	2.030	5.9	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.708	0.743	-4.9	99	0.00
35 T	Carbon Tetrachloride	0.743	0.811	-9.2	102	0.00
36 T	Benzene	0.948	0.968	-2.1	96	0.00
37 T	1,2-Dichloroethane	0.571	0.602	-5.4	99	0.00
38 T	Trichloroethene	0.455	0.438	3.7	95	0.00
39 T	1,2-Dichloropropane	0.350	0.359	-2.6	98	-0.01
40 T	1,4-Dioxane	0.163	0.154	5.5	96	-0.02
41 T	Tetrahydrofuran	0.360	0.388	-7.8	95	0.00
42 T	Bromodichloromethane	0.744	0.825	-10.9	101	0.00
43	Methyl Methacrylate	0.337	0.352	-4.5	90	0.00
44 T	2,2,4-Trimethylpentane	1.545	1.691	-9.4	101	0.00
45 T	t-1,3-Dichloropropene	0.378	0.382	-1.1	84	-0.01
46 T	cis-1,3-Dichloropropene	0.479	0.494	-3.1	86	0.00
47 T	1,1,2-Trichloroethane	0.373	0.389	-4.3	99	-0.01
48 T	Dibromochloromethane	0.592	0.664	-12.2	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042824.D
 Acq On : 07 Aug 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 08 01:12:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.516	0.596	-15.5	100	0.00
50 T	4-Methyl-2-Pentanone	0.912	0.995	-9.1	98	0.00
51 T	2-Hexanone	0.690	0.796	-15.4	97	0.00
52 T	Tetrachloroethene	0.393	0.356	9.4	93	0.00
53 T	Toluene	1.018	1.056	-3.7	92	0.00
54 T	1,2-Dibromoethane	0.527	0.569	-8.0	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
56	1,1,1,2-Tetrachloroethane	0.520	0.603	-16.0	104	0.00
57 T	Chlorobenzene	0.968	1.059	-9.4	100	0.00
58 T	Ethyl Benzene	1.579	1.757	-11.3	94	0.00
59 T	m/p-Xylene	1.262	1.512	-19.8	102	0.00
60 T	o-Xylene	1.261	1.496	-18.6	101	0.00
61 T	Styrene	0.531	0.592	-11.5	88	0.00
62	Isopropylbenzene	1.860	2.141	-15.1	99	0.00
63 T	1,1,2,2-Tetrachloroethane	0.810	0.910	-12.3	109	0.00
64	n-propylbenzene	0.485	0.579	-19.4	103	0.00
65	tert-Butylbenzene	1.652	1.955	-18.3	101	0.00
66 T	Benzyl Chloride	0.136	0.193	-41.9#	101	0.00
67	sec-Butylbenzene	2.350	2.748	-16.9	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.792	0.826	-4.3	86	0.00
69	p-Isopropyltoluene	1.916	2.346	-22.4	101	0.00
70	n-Butylbenzene	1.851	2.399	-29.6	103	0.00
71	2-Chlorotoluene	1.426	1.642	-15.1	98	0.00
72 T	4-Ethyltoluene	1.506	1.838	-22.0	100	0.00
73 T	1,3,5-Trimethylbenzene	1.240	1.545	-24.6	101	0.00
74 T	1,2,4-Trimethylbenzene	1.353	1.736	-28.3	104	0.00
75 T	1,3-Dichlorobenzene	0.948	1.102	-16.2	103	0.00
76 T	1,4-Dichlorobenzene	0.928	1.116	-20.3	104	0.00
77 T	1,2-Dichlorobenzene	0.932	1.086	-16.5	106	0.00
78 T	Hexachloro-1,3-Butadiene	0.844	0.863	-2.3	101	0.00
79 T	Naphthalene	0.958	1.606	-67.6#	94	0.00
80 T	Naphthalene,2-methyl-	0.326	0.581	-78.2#	70	0.00
81 T	1,2,4-Trichlorobenzene	0.635	0.894	-40.8#	93	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042825.D
 Acq On : 07 Aug 2025 09:53
 Operator : SY/MD
 Sample : VL0807ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABL01

Quant Time: Aug 08 01:13:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.777	49	143339	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.943	114	368987	10.000	ppbv	-0.01
55) Chlorobenzene-d5	8.869	117	317212	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	239316	9.526	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.300%

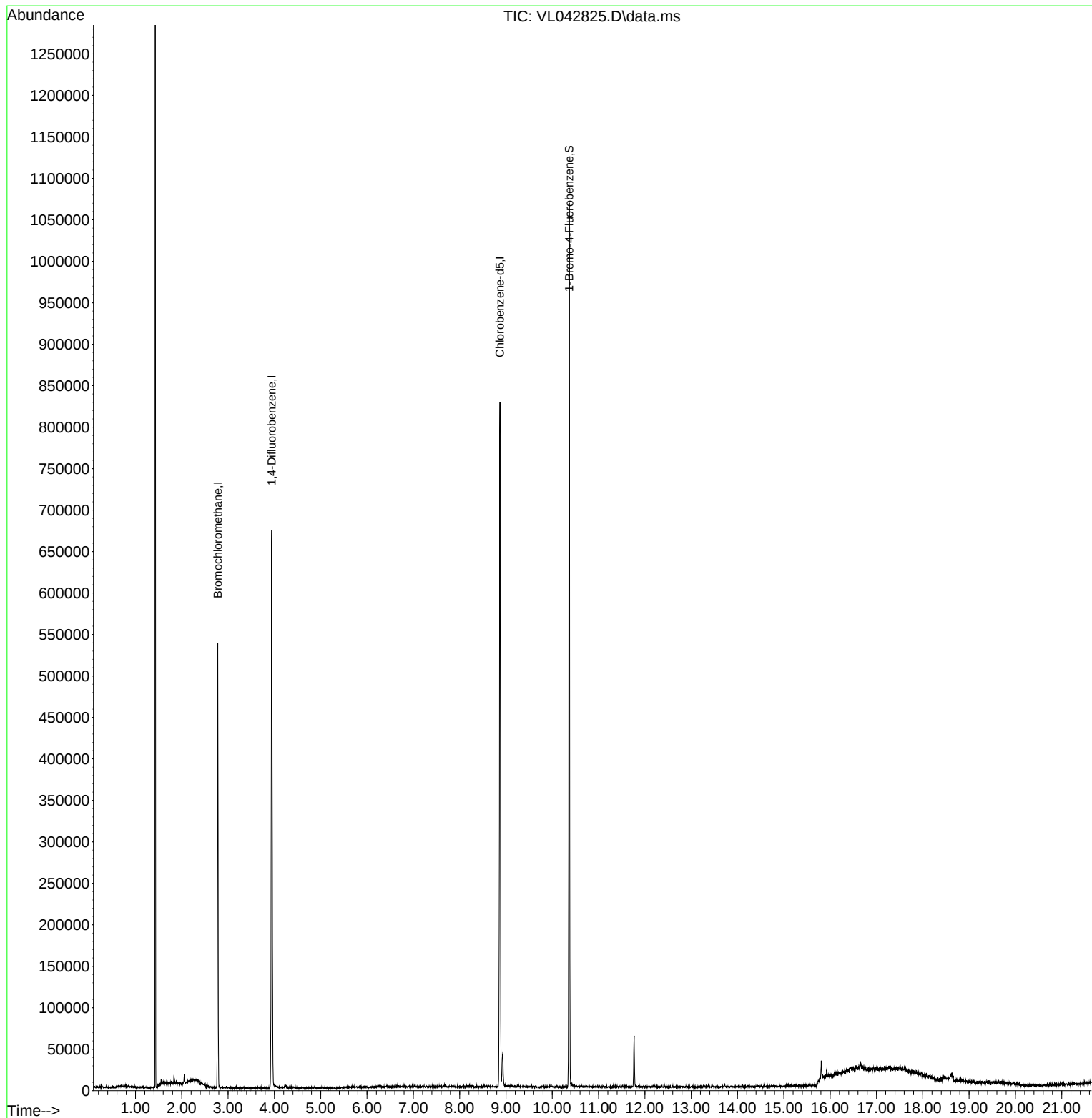
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
Data File : VL042825.D
Acq On : 07 Aug 2025 09:53
Operator : SY/MD
Sample : VL0807ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0807ABL01

Quant Time: Aug 08 01:13:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Jul 24 05:24:41 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042826.D
 Acq On : 07 Aug 2025 10:28
 Operator : SY/MD
 Sample : VL0807ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01

Quant Time: Aug 08 01:14:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 8 2025
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/08/2025
 Supervised By : Mahesh Dadoda 08/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.781	49	163078	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	435612	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	401123	10.000	ppbv	0.00

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 10.370 95 317585 9.998 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.000%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.496	85	221327	10.265	ppbv 100
3) Chlorodifluoromethane	1.473	51	282700	10.065	ppbv 99
4) Chloromethane	1.531	50	91182	10.453	ppbv 96
5) Vinyl Chloride	1.576	62	75928	8.810	ppbv 96
6) Bromomethane	1.664	94	34195	10.263	ppbv 97
7) Chloroethane	1.703	64	31294	9.398	ppbv 92
8) Dichlorotetrafluoroethane	1.551	85	178331	10.057	ppbv 95
9) Propene	1.483	41	89987	8.815	ppbv 99
10) Heptane	4.968	43	287803	10.456	ppbv 98
11) Trichlorofluoromethane	1.874	101	225426	10.143	ppbv 99
12) 1,1,2-Trichlorotrifluoro...	2.136	101	172568	10.217	ppbv 100
13) Ethanol	1.719	45	8069	9.704	ppbv 97
14) Bromoethene	1.780	108	58076	9.712	ppbv 98
15) Acetone	1.832	43	187111	8.309	ppbv 99
16) 1,3-Butadiene	1.606	39	94575	9.846	ppbv 98
17) tert-Butyl alcohol	2.036	59	189179	9.315	ppbv 99
18) 1,1-Dichloroethene	2.030	96	72759	9.534	ppbv 93
19) Isopropyl Alcohol	1.881	45	112862	9.431	ppbv 96
20) Methylene Chloride	2.059	84	63646	8.969	ppbv 93
21) Allyl Chloride	2.091	41	140315	10.110	ppbv 99
22) trans-1,2-Dichloroethene	2.337	96	84334	10.273	ppbv 97
23) Vinyl Acetate	2.457	43	296210	10.850	ppbv 99
24) 1,1-Dichloroethane	2.405	63	171053	10.151	ppbv 99
25) Ethyl Acetate	2.826	43	515118	10.335	ppbv 100
26) Hexane	2.819	57	218093	9.974	ppbv 96
27) Carbon Disulfide	2.146	76	200363	10.704	ppbv 97
28) Methyl tert-Butyl Ether	2.434	73	96403	9.333	ppbv 99
29) Chloroform	2.842	83	357107	10.569	ppbv 99
30) Cyclohexane	3.849	84	182334	9.832	ppbv 95
31) cis-1,2-Dichloroethene	2.716	61	209844	9.339	ppbv 96
32) 1,1,1-Trichloroethane	3.360	97	336916	9.573	ppbv 99
34) 2-Butanone	2.551	43	332116	10.763	ppbv 100
35) Carbon Tetrachloride	3.755	117	368245	11.381	ppbv 96
36) Benzene	3.648	78	433049	10.489	ppbv 99
37) 1,2-Dichloroethane	3.211	62	270211	10.865	ppbv 99
38) Trichloroethene	4.538	130	193655	9.764	ppbv 94
39) 1,2-Dichloropropane	4.305	63	161290	10.584	ppbv 98
40) 1,4-Dioxane	4.574	88	63503	8.940	ppbv # 93
41) Tetrahydrofuran	3.046	42	171292	10.909	ppbv 97
42) Bromodichloromethane	4.480	83	372605	11.504	ppbv 99
43) Methyl Methacrylate	4.865	69	158894	10.828	ppbv 99
44) 2,2,4-Trimethylpentane	4.629	57	761571	11.318	ppbv 97
45) t-1,3-Dichloropropene	6.402	75	169903	10.325	ppbv # 89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042826.D
 Acq On : 07 Aug 2025 10:28
 Operator : SY/MD
 Sample : VL0807ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2025
 Supervised By :Mahesh Dadoda 08/11/2025

Quant Time: Aug 08 01:14:07 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 8 2025

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.590	75	217713	10.441	ppbv	97
47) 1,1,2-Trichloroethane	6.571	97	177555	10.930	ppbv	98
48) Dibromochloromethane	7.377	129	297112	11.521	ppbv	99
49) Bromoform	9.477	173	272013	12.097	ppbv	99
50) 4-Methyl-2-Pentanone	5.732	43	450417	11.332	ppbv	98
51) 2-Hexanone	7.425	43	364529	12.136	ppbv #	96
52) Tetrachloroethene	8.215	164	161270	9.424	ppbv	97
53) Toluene	6.920	91	472628	10.661	ppbv	100
54) 1,2-Dibromoethane	7.645	107	253899	11.062	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.917	131	232289	11.138	ppbv	99
57) Chlorobenzene	8.914	112	413000	10.639	ppbv #	96
58) Ethyl Benzene	9.348	91	689053	10.878	ppbv	97
59) m/p-Xylene	9.526	91	1184650m	23.401	ppbv	
60) o-Xylene	9.959	91	585863	11.581	ppbv	100
61) Styrene	9.866	104	231979	10.901	ppbv	100
62) Isopropylbenzene	10.532	105	849097	11.379	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.956	83	352721	10.861	ppbv	100
64) n-propylbenzene	10.985	120	230126	11.830	ppbv	98
65) tert-Butylbenzene	11.526	119	773412	11.669	ppbv	100
66) Benzyl Chloride	11.610	91	75088	13.800	ppbv	98
67) sec-Butylbenzene	11.762	105	1086111	11.522	ppbv	100
69) p-Isopropyltoluene	11.921	119	913994	11.891	ppbv	100
70) n-Butylbenzene	12.277	91	930859	12.537	ppbv	99
71) 2-Chlorotoluene	10.895	91	644792	11.270	ppbv	99
72) 4-Ethyltoluene	11.118	105	721006	11.935	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	604864	12.160	ppbv	99
74) 1,2,4-Trimethylbenzene	11.532	105	681545	12.559	ppbv	95
75) 1,3-Dichlorobenzene	11.600	146	431639	11.346	ppbv	100
76) 1,4-Dichlorobenzene	11.665	146	432007	11.605	ppbv	99
77) 1,2-Dichlorobenzene	11.940	146	425471	11.379	ppbv	98
78) Hexachloro-1,3-Butadiene	13.876	225	341222	10.083	ppbv	99
79) Naphthalene	13.507	128	630516	10.677	ppbv	99
80) Naphthalene,2-methyl-	14.452	142	218244	7.704	ppbv	98
81) 1,2,4-Trichlorobenzene	13.436	180	346617	10.453	ppbv	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042828.D
 Acq On : 07 Aug 2025 11:34
 Operator : SY/MD
 Sample : QC080425 CAN 10608
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC080425 CAN 10608

Quant Time: Aug 08 01:15:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.781	49	159509	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	409935	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	347427	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.368	95	258713	9.403	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.000%

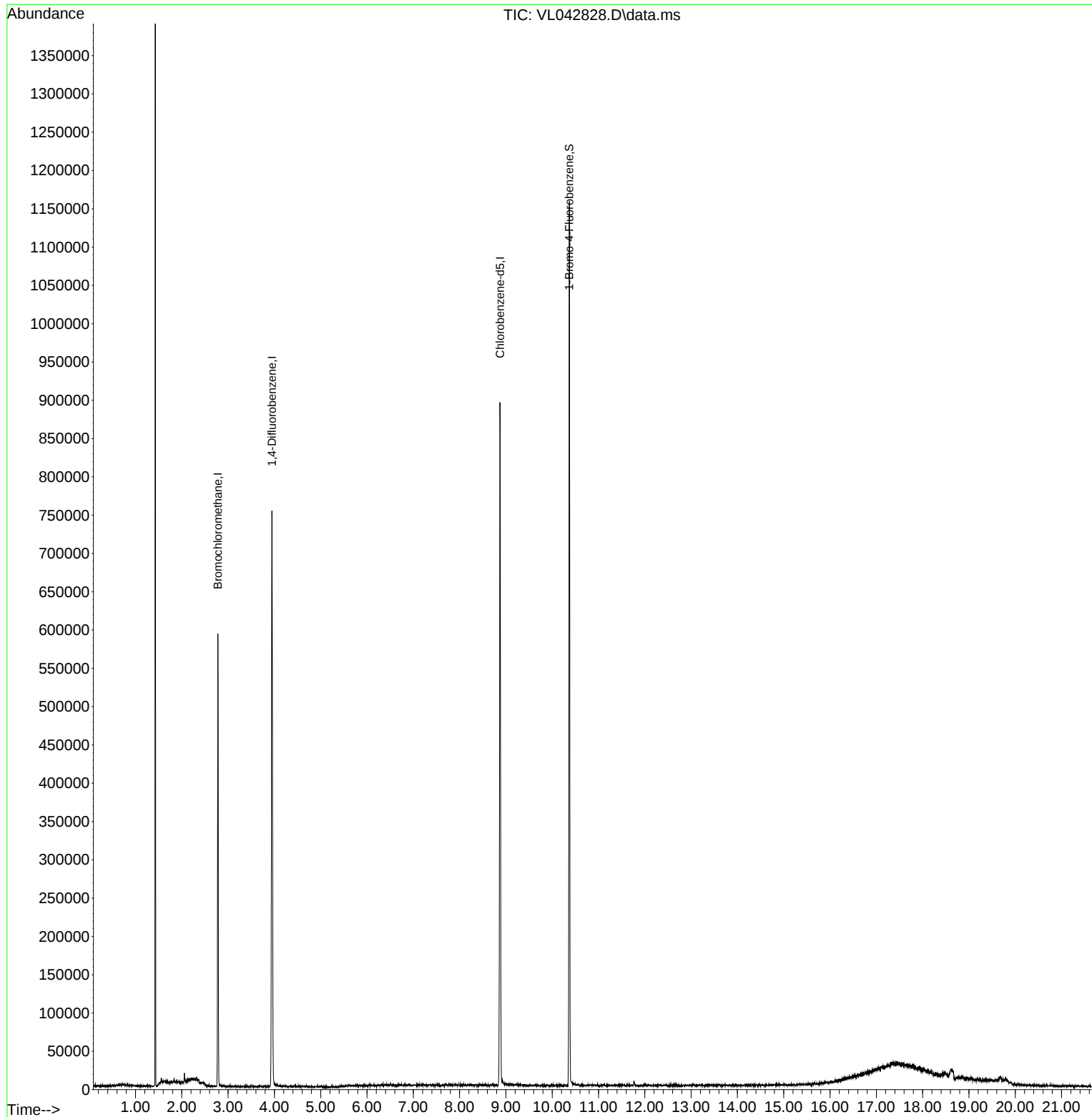
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
Data File : VL042828.D
Acq On : 07 Aug 2025 11:34
Operator : SY/MD
Sample : QC080425 CAN 10608
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC080425 CAN 10608

Quant Time: Aug 08 01:15:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Jul 24 05:24:41 2025
Response via : Initial Calibration



Instrument ID: **MSVOA_L**

Daily Analysis Runlog For Sequence/QC Batch ID # VL072325

Review By	Semsettin Yesilyurt	Review On	7/24/2025 9:04:14 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/24/2025 2:21:30 PM		
SubDirectory	VL072325	HP Acquire Method	TO15AIR.M	HP Processing Method	VL072325AIR.M
STD. NAME		STD REF.#			
Tune/Reschk		AP2645			
Initial Calibration Stds		AP2641,AP2642,AP2643			
CCC		AP2641			
Internal Standard/PEM		AP2645			
ICV/I.BLK		AP2644			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VL042746.D	23 Jul 2025 08:00	SY/MD	Ok
2	VSTDICCC010	VL042747.D	23 Jul 2025 08:58	SY/MD	Ok,M
3	VSTDICCC002	VL042748.D	23 Jul 2025 09:34	SY/MD	Ok,M
4	VSTDICCC001	VL042749.D	23 Jul 2025 10:08	SY/MD	Ok,M
5	VSTDICCC0.5	VL042750.D	23 Jul 2025 10:42	SY/MD	Ok,M
6	VSTDICCC0.1	VL042751.D	23 Jul 2025 11:16	SY/MD	Not Ok
7	VSTDICCC0.03	VL042752.D	23 Jul 2025 11:50	SY/MD	Ok,M
8	VSTDICCC015	VL042753.D	23 Jul 2025 12:26	SY/MD	Ok,M
9	VSTDICCC0.1	VL042754.D	23 Jul 2025 13:00	SY/MD	Ok,M
10	VSTDICCV010	VL042755.D	23 Jul 2025 14:33	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_L**

Daily Analysis Runlog For Sequence/QC Batch ID # VL080725

Review By	Semsettin Yesilyurt	Review On	8/8/2025 3:06:52 PM		
Supervise By	Mahesh Dadoda	Supervise On	8/11/2025 3:17:11 PM		
SubDirectory	VL080725	HP Acquire Method	TO15AIR.M	HP Processing Method	VL072325AIR.M
STD. NAME		STD REF.#			
Tune/Reschk		AP2645			
Initial Calibration Stds		AP2641,AP2642,AP2643			
CCC		AP2641			
Internal Standard/PEM		AP2645			
ICV/I.BLK		AP2644			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VL042823.D	07 Aug 2025 07:42	SY/MD	Ok
2	VSTDCCC010	VL042824.D	07 Aug 2025 08:27	SY/MD	Ok,M
3	VL0807ABL01	VL042825.D	07 Aug 2025 09:53	SY/MD	Ok
4	VL0807ABS01	VL042826.D	07 Aug 2025 10:28	SY/MD	Ok,M
5	VIBLK	VL042827.D	07 Aug 2025 11:01	SY/MD	Ok
6	QC080425 CAN 10608	VL042828.D	07 Aug 2025 11:34	SY/MD	Ok
7	QC072925 CAN 10283	VL042829.D	07 Aug 2025 12:07	SY/MD	Ok
8	CAN 10604	VL042830.D	07 Aug 2025 12:39	SY/MD	Ok

M : Manual Integration