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

Process Report

Order ID : Q3556

Date	Bottle ID	Lab Sample Number	InComing Vacuum	Canister ID	Can Size	Reg ID	Reg Size	Batch Code	Certification ID
11/06/2025	B2510050	Q3556-04	-10.4	10752	1.4 L	10571		C2509004	**VL042989.D** Seq :VL092325 TUNE : VL042982.D ICAL : VL042955.D CCAL : VL042983.D MB : VL042984.D
11/06/2025	B2510050	Q3556-03	-10.4	10737	1.4 L	10166		C2509004	**VL042989.D** Seq :VL092325 TUNE : VL042982.D ICAL : VL042955.D CCAL : VL042983.D MB : VL042984.D
11/06/2025	B2510050	Q3556-02	-5.5	10283	6 L	10537		C2509002	**VL042942.D** Seq :VL091825 TUNE : VL042938.D ICAL : VL042934.D CCAL : VL042939.D MB : VL042940.D
11/06/2025	B2510050	Q3556-01	-12.4	10266	6 L	10626		C2509002	**VL042942.D** Seq :VL091825 TUNE : VL042938.D ICAL : VL042934.D CCAL : VL042939.D MB : VL042940.D

Canister Cleaning

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

Canister Batch : C2509004

Type of Canister : 1.4 L

Cleaning Date : 02/26/2025

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
10747	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D
10752	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D
10470	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D
10464	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D
10435	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D
10123	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D
10737	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D
10420	-30	02/26/2025	09/23/2025	-30	02/27/2025		10420	VL042990.D
10743	-30	02/26/2025	09/23/2025	-30	02/27/2025		10743	VL042991.D
10451	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D
10428	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D
10423	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D
10668	-30	02/26/2025	09/23/2025	-30	02/27/2025		10668	VL042992.D
10122	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D
10136	-30	02/26/2025	09/23/2025	-30	02/27/2025		10136	VL042987.D
10147	-30	02/26/2025	09/23/2025	-30	02/27/2025		10147	VL042986.D
10674	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D
10684	-30	02/26/2025	09/23/2025	-30	02/27/2025		10684	VL042988.D
10653	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D
10746	-30	02/26/2025	09/23/2025	-30	02/27/2025		10747	VL042989.D

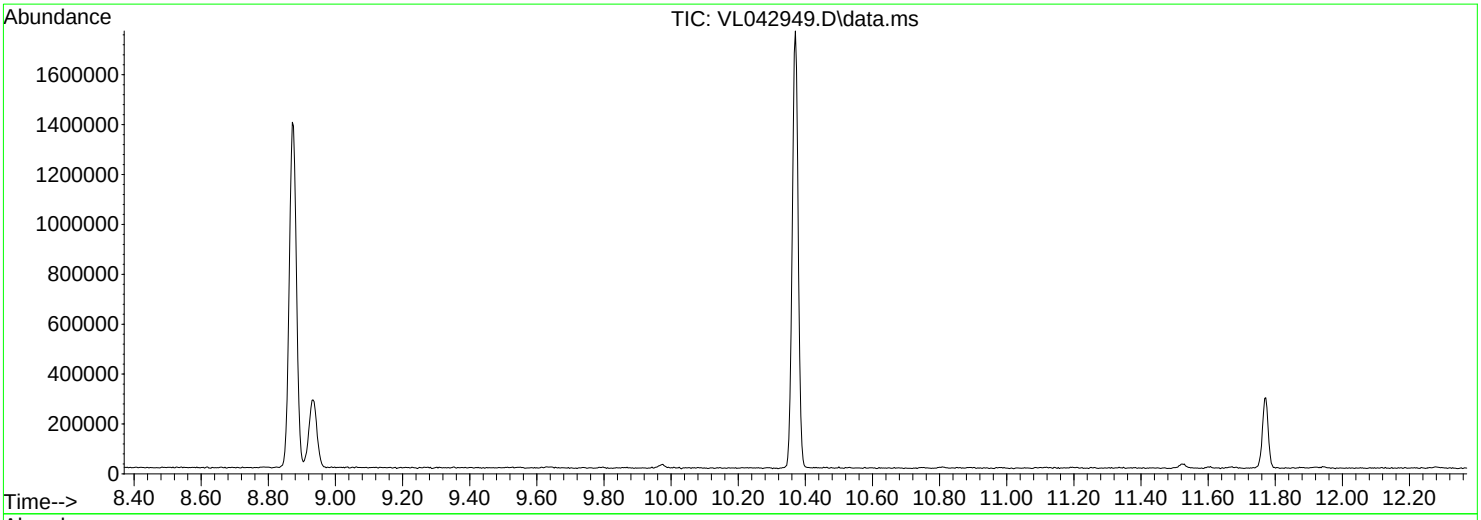
BFB

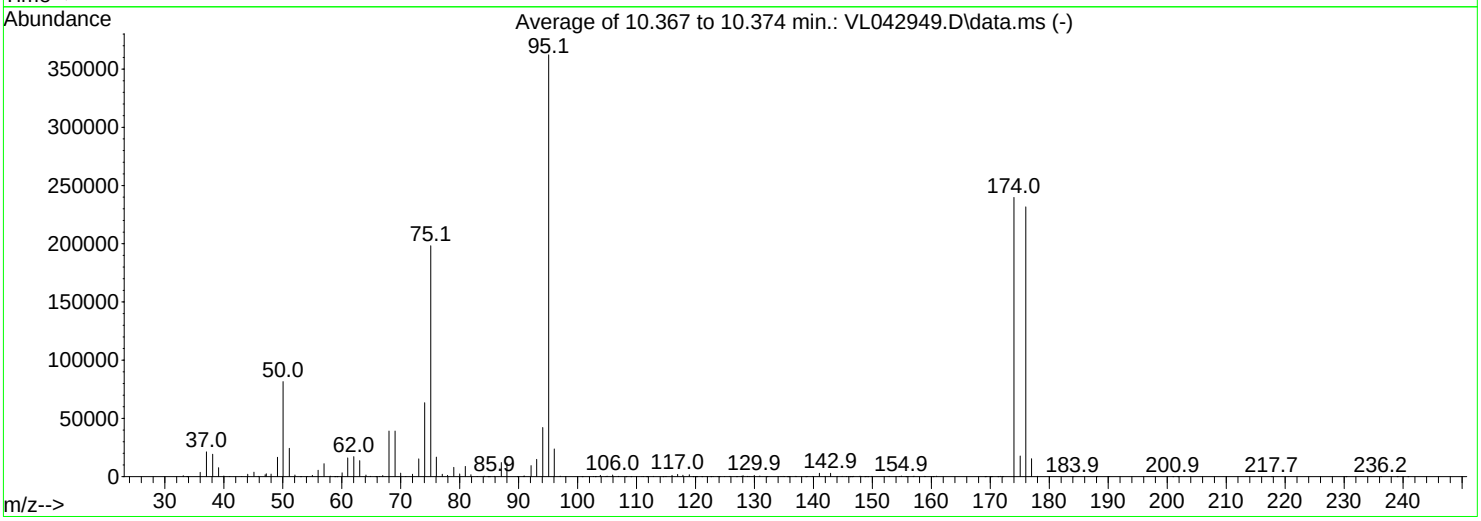
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042949.D
Acq On : 22 Sep 2025 08:55
Operator : SY/MD
Sample : BFB
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
Last Update : Tue Sep 23 02:39:16 2025





AutoFind: Scans 3176, 3177, 3178; Background Corrected with Scan 3156

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	22.5	81605	PASS
75	95	30	66	54.7	198315	PASS
95	95	100	100	100.0	362228	PASS
96	95	5	9	6.6	23817	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	66.2	239765	PASS
175	174	4	9	7.4	17693	PASS
176	174	93	101	96.6	231701	PASS
177	176	5	9	6.6	15367	PASS

Average of 10.367 to 10.374 min.: VL042949.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
33.10	843	45.85	253	56.00	5545	65.80	3
33.75	52	47.00	1694	57.00	11198	66.40	12
36.00	3748	47.20	2450	58.05	458	66.95	97
37.05	21251	48.00	2247	58.80	12	68.00	3914
38.10	19194	49.10	16630	59.20	54	69.05	39122
39.10	7706	50.05	81605	60.05	3370	70.00	3041
40.00	611	51.10	24305	61.00	16140	70.85	223
41.00	212	52.05	1353	62.05	17219	72.00	2035
43.05	136	53.00	72	63.05	13691	73.05	15293
44.05	2095	54.20	86	64.10	1359	74.05	63454
45.10	3798	55.00	1059	64.85	245	75.10	198315

Instrument :
MSVOA_L
ClientSampleId :
BFB

Average of 10.367 to 10.374 min.: VL042949.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
76.05	16800	85.90	337	97.05	420	109.05	56
77.05	2059	87.05	12149	98.00	81	110.00	192
77.95	1179	88.00	11664	100.75	61	110.90	139
79.00	8035	89.80	31	102.65	97	111.15	198
80.00	2335	90.80	359	103.00	49	111.70	49
80.95	8798	91.00	622	103.85	1171	111.85	96
81.90	1684	92.10	9517	104.80	150	112.85	303
82.95	138	93.05	14816	105.00	378	114.50	70
84.15	388	94.10	42269	105.95	1346	114.90	157
84.80	17	95.10	362228	106.95	255	115.05	161
85.05	75	96.05	23817	108.20	73	116.00	1147

Average of 10.367 to 10.374 min.: VL042949.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
116.95	1950	124.00	19	132.10	39	139.90	323
117.85	1188	124.95	84	134.00	140	141.00	2899
118.95	1697	125.85	229	134.50	114	141.95	349
119.60	51	126.95	77	134.85	336	142.90	2933
120.00	53	127.80	315	135.10	170	144.05	151
120.20	61	127.90	464	135.60	42	144.85	287
121.05	57	128.05	783	135.85	51	145.60	121
121.95	99	128.80	273	136.90	259	145.95	217
122.60	27	129.10	152	137.10	199	146.20	56
123.00	155	129.95	1180	138.70	60	146.50	40
123.80	97	130.90	521	139.00	86	146.80	278

Average of 10.367 to 10.374 min.: VL042949.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
147.90	407	155.70	50	170.40	165	190.00	32
148.10	181	156.05	156	171.30	71	200.95	53
148.70	34	156.90	168	171.75	267	201.80	37
148.95	87	157.05	367	172.05	48	217.70	32
149.20	38	158.80	225	174.00	239765	230.30	17
149.90	259	159.00	184	175.05	17693	236.20	53
152.00	157	160.30	45	176.00	231701	239.00	24
152.85	262	160.90	377	177.00	15367	240.80	20
154.00	172	169.10	53	178.00	351		
154.60	207	169.40	85	183.95	49		
154.90	569	170.10	37	188.00	21		

Response Factor Report MSVOA_L

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\
Method File : VL092225AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
Last Update : Tue Sep 23 02:39:16 2025
Response Via : Initial Calibration

Calibration Files
0.03=VL042955.D 0.1 =VL042954.D 0.5 =VL042953.D 1 =VL042952.D 2 =VL042951.D 10 =VL042950.D 15 =VL042956.D

		Compound	0.03	0.1	0.5	1	2	10	15	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------								
2)	T	Dichlorodifluo...			1.391	1.452	1.401	1.248	1.232	1.345	7.33
3)		Chlorodifluoro...			1.782	1.821	1.710	1.574	1.494	1.676	8.27
4)		Chloromethane			0.693	0.622	0.624	0.560	0.545	0.609	9.66
5)	T	Vinyl Chloride	0.729	0.562	0.529	0.567	0.524	0.470	0.472	0.550	15.95
6)	T	Bromomethane			0.224	0.215	0.200	0.166	0.167	0.194	13.76
7)		Chloroethane			0.234	0.238	0.212	0.196	0.189	0.214	10.33
8)	T	Dichlorotetraf...			1.227	1.239	1.180	1.047	1.047	1.148	8.24
9)	T	Propene			0.784	0.787	0.762	0.684	0.631	0.729	9.47
10)	T	Heptane			2.102	2.060	1.961	1.870	1.738	1.946	7.57
11)	T	Trichlorofluor...			1.354	1.376	1.346	1.199	1.210	1.297	6.58
12)	T	1,1,2-Trichlor...			1.130	1.117	1.068	0.963	0.973	1.050	7.48
13)		Ethanol			0.076	0.090	0.088	0.053	0.047	0.071	27.75
14)	T	Bromoethene			0.430	0.417	0.415	0.362	0.362	0.397	8.23
15)	T	Acetone			1.490	1.552	1.475	0.993	1.002	1.302	21.48
16)	T	1,3-Butadiene			0.751	0.675	0.607	0.520	0.519	0.614	16.41
17)		tert-Butyl alc...			1.587	1.544	1.398	1.351	1.262	1.429	9.47
18)	T	1,1-Dichloroet...			0.549	0.503	0.485	0.446	0.447	0.486	8.86
19)	T	Isopropyl Alcohol			0.898	0.813	0.818	0.718	0.667	0.783	11.61
20)	T	Methylene Chlo...			0.832	0.617	0.510	0.388	0.380	0.545	34.40
21)	T	Allyl Chloride			0.904	0.971	0.966	0.857	0.837	0.907	6.72
22)	T	trans-1,2-Dich...			0.589	0.612	0.556	0.507	0.499	0.552	8.98
23)	T	Vinyl Acetate			2.208	1.897	1.888	1.594	1.716	1.861	12.45
24)	T	1,1-Dichloroet...			1.147	1.172	1.109	0.993	0.996	1.083	7.76
25)	T	Ethyl Acetate			3.405	3.494	3.443	3.153	2.966	3.292	6.83
26)	T	Hexane			1.621	1.614	1.553	1.398	1.317	1.501	9.08
27)	T	Carbon Disulfide			1.395	1.436	1.396	1.271	1.232	1.346	6.59
28)	T	Methyl tert-Bu...			0.953	0.773	0.742	0.638	0.794	0.780	14.61
29)	T	Chloroform			2.078	2.042	2.038	1.848	1.804	1.962	6.42
30)	T	Cyclohexane			1.312	1.333	1.280	1.193	1.154	1.255	6.19
31)	T	cis-1,2-Dichlo...			1.443	1.464	1.465	1.357	1.300	1.406	5.26
32)	T	1,1,1-Trichlor...	2.724	2.087	2.017	2.164	2.071	1.902	1.868	2.119	13.51
33)	I	1,4-Difluorobenzene	----------ISTD----------								
34)	T	2-Butanone			0.744	0.731	0.741	0.655	0.633	0.701	7.52
35)	T	Carbon Tetrach...	0.734	0.616	0.660	0.665	0.657	0.610	0.617	0.651	6.63
36)	T	Benzene			0.974	0.970	0.972	0.898	0.881	0.939	4.84
37)	T	1,2-Dichloroet...			0.502	0.517	0.507	0.470	0.473	0.494	4.28
38)	T	Trichloroethene	0.527	0.495	0.481	0.467	0.452	0.426	0.419	0.467	8.20
39)	T	1,2-Dichloropr...			0.344	0.361	0.356	0.327	0.325	0.343	4.85

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\
Method File : VL092225AIR.M

40)	T	1,4-Dioxane			0.173	0.172	0.163	0.148	0.141	0.159	8.95
41)	T	Tetrahydrofuran			0.427	0.407	0.419	0.389	0.372	0.403	5.57
42)	T	Bromodichlorom...			0.689	0.699	0.702	0.681	0.667	0.688	2.07
43)		Methyl Methacr...			0.406	0.396	0.396	0.368	0.355	0.384	5.61
44)	T	2,2,4-Trimethy...			1.705	1.660	1.690	1.563	1.492	1.622	5.64
45)	T	t-1,3-Dichloro...			0.403	0.414	0.421	0.409	0.402	0.410	1.99
46)	T	cis-1,3-Dichlo...			0.522	0.528	0.537	0.523	0.501	0.522	2.55
47)	T	1,1,2-Trichlor...			0.382	0.377	0.371	0.344	0.336	0.362	5.70
48)	T	Dibromochlorom...			0.572	0.586	0.600	0.571	0.568	0.580	2.36
49)	T	Bromoform			0.477	0.507	0.534	0.508	0.495	0.504	4.18
50)	T	4-Methyl-2-Pen...			0.928	0.949	0.988	0.934	0.897	0.939	3.51
51)	T	2-Hexanone			0.719	0.774	0.769	0.751	0.730	0.749	3.19
52)	T	Tetrachloroethene	0.436	0.404	0.356	0.355	0.351	0.325	0.315	0.363	11.76
53)	T	Toluene			1.155	1.137	1.156	1.078	1.031	1.111	4.95
54)	T	1,2-Dibromoethane		0.520	0.520	0.520	0.525	0.490	0.485	0.510	3.47
55)	I	Chlorobenzene-d5	----------ISTD----------								
56)		1,1,1,2-Tetrac...			0.497	0.486	0.505	0.458	0.447	0.479	5.28
57)	T	Chlorobenzene			0.968	0.978	0.944	0.853	0.822	0.913	7.75
58)	T	Ethyl Benzene			1.657	1.715	1.737	1.570	1.531	1.642	5.45
59)	T	m/p-Xylene			1.332	1.365	1.361	1.225	1.190	1.295	6.29
60)	T	o-Xylene			1.335	1.379	1.359	1.221	1.176	1.294	6.96
61)	T	Styrene			0.605	0.619	0.648	0.602	0.585	0.612	3.89
62)		Isopropylbenzene			2.010	2.059	2.028	1.803	1.744	1.929	7.49
63)	T	1,1,2,2-Tetrac...	0.806	0.722	0.688	0.675	0.673	0.610	0.586	0.680	10.66
64)		n-propylbenzene			0.531	0.529	0.523	0.473	0.463	0.504	6.51
65)		tert-Butylbenzene			1.836	1.839	1.842	1.557	1.503	1.715	9.91
66)	T	Benzyl Chloride			0.170	0.173	0.196	0.195	0.165	0.180	8.14
67)		sec-Butylbenzene			2.508	2.559	2.579	2.191	2.115	2.390	9.19
68)	S	1-Bromo-4-Fluo...	0.736	0.738	0.749	0.743	0.747	0.763	0.750	0.746	1.20
69)		p-Isopropyltol...			2.105	2.168	2.179	1.856	1.788	2.019	9.11
70)		n-Butylbenzene			1.929	2.108	2.136	1.881	1.803	1.971	7.36
71)		2-Chlorotoluene			1.543	1.504	1.528	1.373	1.333	1.456	6.61
72)	T	4-Ethyltoluene			1.715	1.686	1.703	1.523	1.476	1.621	6.92
73)	T	1,3,5-Trimethy...			1.333	1.346	1.399	1.263	1.231	1.314	5.12
74)	T	1,2,4-Trimethy...			1.534	1.522	1.558	1.349	1.294	1.451	8.34
75)	T	1,3-Dichlorobe...			0.918	0.954	0.956	0.845	0.827	0.900	6.72
76)	T	1,4-Dichlorobe...			0.922	0.914	0.959	0.845	0.829	0.894	6.12
77)	T	1,2-Dichlorobe...			0.874	0.914	0.918	0.796	0.780	0.856	7.61
78)	T	Hexachloro-1,3...			0.755	0.742	0.728	0.575	0.549	0.670	14.79
79)	T	Naphthalene		1.093	1.102	1.320	1.474	1.373	1.339	1.283	11.96
80)	T	Naphthalene,2-...			0.384	0.365	0.428	0.402	0.404	0.396	5.94
81)	T	1,2,4-Trichlor...			0.557	0.691	0.777	0.718	0.689	0.686	11.73

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042950.D
Acq On : 22 Sep 2025 09:39
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.784	49	170899	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	526679	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	486724	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	371195	10.217	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	213351	9.282	ppbv	100
3) Chlorodifluoromethane	1.473	51	269073	9.392	ppbv	100
4) Chloromethane	1.531	50	95679	9.196	ppbv	100
5) Vinyl Chloride	1.577	62	80350	8.543	ppbv	100
6) Bromomethane	1.667	94	28301	8.530	ppbv	100
7) Chloroethane	1.703	64	33446	9.158	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	178992	9.122	ppbv	100
9) Propene	1.483	41	116849	9.376	ppbv	100
10) Heptane	4.969	43	319577	9.560	ppbv	100
11) Trichlorofluoromethane	1.874	101	204850	9.243	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.137	101	164598	9.171	ppbv	100
13) Ethanol	1.719	45	9094	7.613	ppbv	100
14) Bromoethene	1.780	108	61824	9.111	ppbv	100
15) Acetone	1.832	43	169676	7.623	ppbv	100
16) 1,3-Butadiene	1.606	39	88812	8.459	ppbv	100
17) tert-Butyl alcohol	2.036	59	230853	9.456	ppbv	100
18) 1,1-Dichloroethene	2.030	96	76184	9.170	ppbv	100
19) Isopropyl Alcohol	1.884	45	122753	9.174	ppbv	100
20) Methylene Chloride	2.059	84	66314	9.992	ppbv	100
21) Allyl Chloride	2.094	41	146473	9.449	ppbv	100
22) trans-1,2-Dichloroethene	2.337	96	86580	9.172	ppbv	100
23) Vinyl Acetate	2.460	43	272378	8.566	ppbv	100
24) 1,1-Dichloroethane	2.405	63	169721	9.168	ppbv	100
25) Ethyl Acetate	2.829	43	538761	9.577	ppbv	100
26) Hexane	2.823	57	238896	9.316	ppbv	100
27) Carbon Disulfide	2.146	76	217259	9.446	ppbv	100
28) Methyl tert-Butyl Ether	2.434	73	108987	8.176	ppbv	100
29) Chloroform	2.845	83	315779	9.418	ppbv	100
30) Cyclohexane	3.852	84	203803	9.506	ppbv	100
31) cis-1,2-Dichloroethene	2.716	61	231907	9.654	ppbv	100
32) 1,1,1-Trichloroethane	3.363	97	325118	8.947	ppbv	100
34) 2-Butanone	2.551	43	344874	9.343	ppbv	100
35) Carbon Tetrachloride	3.755	117	321267	9.480	ppbv	100
36) Benzene	3.651	78	472855	9.561	ppbv	100
37) 1,2-Dichloroethane	3.214	62	247754	9.525	ppbv	100
38) Trichloroethene	4.541	130	224516	9.134	ppbv	100
39) 1,2-Dichloropropane	4.305	63	172059	9.523	ppbv	100
40) 1,4-Dioxane	4.570	88	77889	9.283	ppbv #	100
41) Tetrahydrofuran	3.046	42	204724	9.649	ppbv	100
42) Bromodichloromethane	4.480	83	358858	9.903	ppbv	100
43) Methyl Methacrylate	4.871	69	193676	9.646	ppbv	100
44) 2,2,4-Trimethylpentane	4.632	57	823031	9.631	ppbv	100
45) t-1,3-Dichloropropene	6.406	75	215233	9.969	ppbv	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042950.D
Acq On : 22 Sep 2025 09:39
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	5.590	75	275210	10.006	ppbv		100
47)	1,1,2-Trichloroethane	6.571	97	181329	9.498	ppbv		100
48)	Dibromochloromethane	7.383	129	300497	9.845	ppbv		100
49)	Bromoform	9.480	173	267814	10.087	ppbv		100
50)	4-Methyl-2-Pentanone	5.736	43	492068	9.920	ppbv		100
51)	2-Hexanone	7.428	43	395744	10.036	ppbv	#	100
52)	Tetrachloroethene	8.218	164	171294	8.951	ppbv		100
53)	Toluene	6.923	91	567779	9.699	ppbv		100
54)	1,2-Dibromoethane	7.645	107	257904	9.605	ppbv		100
56)	1,1,1,2-Tetrachloroethane	8.921	131	223066	9.575	ppbv		100
57)	Chlorobenzene	8.917	112	415238	9.345	ppbv		100
58)	Ethyl Benzene	9.348	91	764249	9.562	ppbv		100
59)	m/p-Xylene	9.526	91	1192566m	18.913	ppbv		
60)	o-Xylene	9.959	91	594329	9.437	ppbv		100
61)	Styrene	9.866	104	293111	9.840	ppbv		100
62)	Isopropylbenzene	10.536	105	877401	9.347	ppbv		100
63)	1,1,2,2-Tetrachloroethane	9.956	83	296678	8.963	ppbv		100
64)	n-propylbenzene	10.985	120	230432	9.394	ppbv		100
65)	tert-Butylbenzene	11.526	119	757958	9.078	ppbv		100
66)	Benzyl Chloride	11.610	91	94982	10.842	ppbv		100
67)	sec-Butylbenzene	11.762	105	1066409	9.166	ppbv		100
69)	p-Isopropyltoluene	11.921	119	903376	9.192	ppbv		100
70)	n-Butylbenzene	12.277	91	915624	9.543	ppbv		100
71)	2-Chlorotoluene	10.895	91	668239	9.428	ppbv		100
72)	4-Ethyltoluene	11.121	105	741298	9.398	ppbv		100
73)	1,3,5-Trimethylbenzene	11.199	105	614632	9.608	ppbv		100
74)	1,2,4-Trimethylbenzene	11.532	105	656535	9.294	ppbv		100
75)	1,3-Dichlorobenzene	11.604	146	411473	9.392	ppbv		100
76)	1,4-Dichlorobenzene	11.668	146	411464	9.456	ppbv		100
77)	1,2-Dichlorobenzene	11.944	146	387219	9.289	ppbv		100
78)	Hexachloro-1,3-Butadiene	13.876	225	280080	8.591	ppbv		100
79)	Naphthalene	13.510	128	668171	10.696	ppbv		100
80)	Naphthalene,2-methyl-	14.452	142	195695	10.142	ppbv		100
81)	1,2,4-Trichlorobenzene	13.436	180	349393	10.461	ppbv		100

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

Quantitation Report (QT Reviewed)

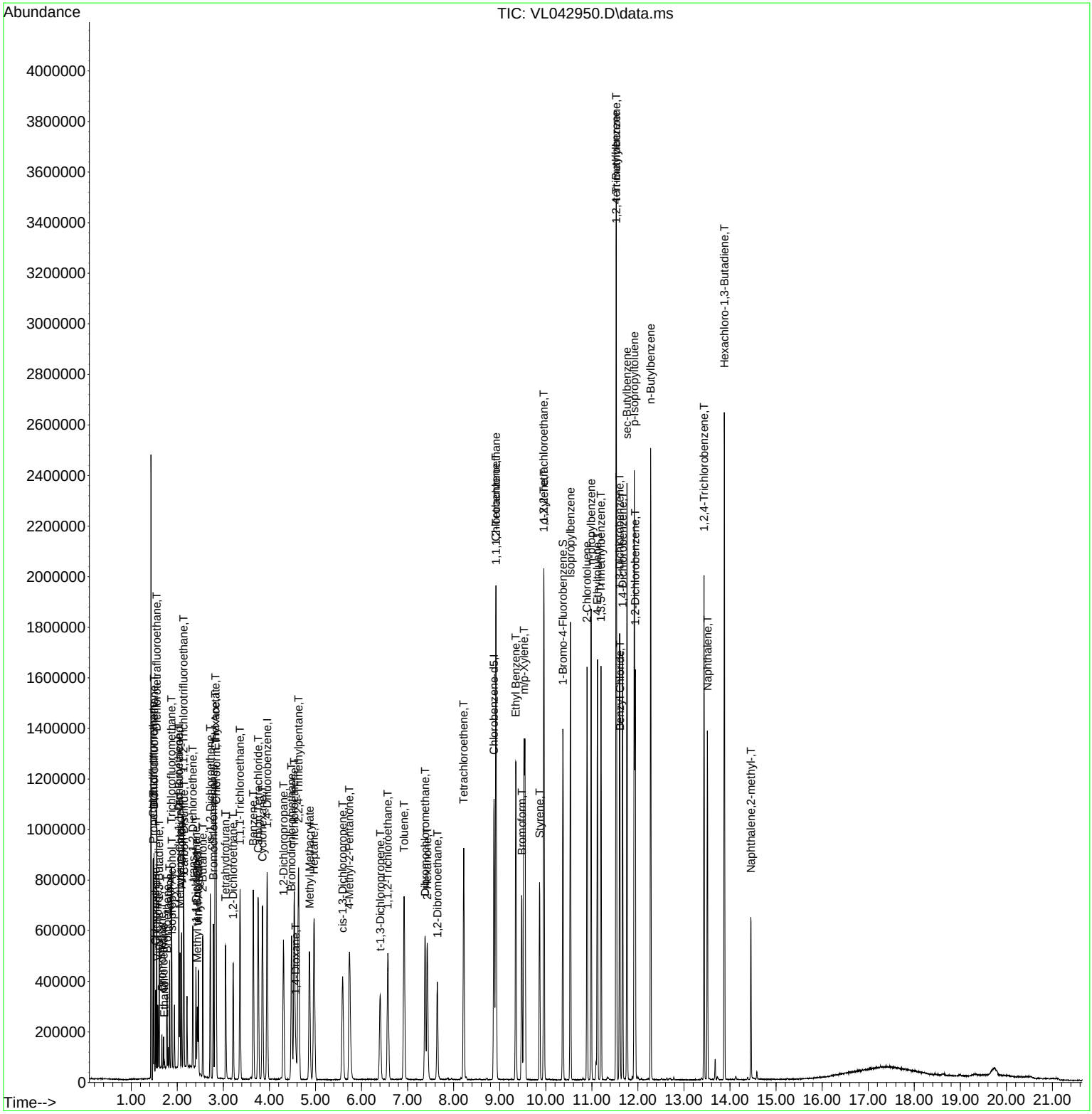
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042950.D
Acq On : 22 Sep 2025 09:39
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042951.D
Acq On : 22 Sep 2025 10:14
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.787	49	170758	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.955	114	524389	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.878	117	483821	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.374	95	361586	10.012	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.499	85	47851	2.083	ppbv		97
3) Chlorodifluoromethane	1.476	51	58395	2.040	ppbv		95
4) Chloromethane	1.534	50	21326	2.051	ppbv		99
5) Vinyl Chloride	1.580	62	17892	1.904	ppbv		98
6) Bromomethane	1.667	94	6816	2.056	ppbv		96
7) Chloroethane	1.706	64	7250	1.987	ppbv	#	85
8) Dichlorotetrafluoroethane	1.554	85	40306	2.056	ppbv		98
9) Propene	1.483	41	26007	2.088	ppbv		99
10) Heptane	4.978	43	66978	2.005	ppbv		99
11) Trichlorofluoromethane	1.877	101	45973	2.076	ppbv		94
12) 1,1,2-Trichlorotrifluo...	2.140	101	36490	2.035	ppbv		98
13) Ethanol	1.722	45	2989	2.504	ppbv		93
14) Bromoethene	1.784	108	14189	2.093	ppbv	#	96
15) Acetone	1.835	43	50357	2.264	ppbv		99
16) 1,3-Butadiene	1.609	39	20729	1.976	ppbv		94
17) tert-Butyl alcohol	2.042	59	47749	1.957	ppbv	#	93
18) 1,1-Dichloroethene	2.036	96	16572	1.996	ppbv		95
19) Isopropyl Alcohol	1.887	45	27930	2.089	ppbv	#	79
20) Methylene Chloride	2.062	84	17413	2.097	ppbv	#	84
21) Allyl Chloride	2.098	41	32985	2.130	ppbv		99
22) trans-1,2-Dichloroethene	2.340	96	18991	2.013	ppbv		98
23) Vinyl Acetate	2.463	43	64479	2.029	ppbv	#	98
24) 1,1-Dichloroethane	2.408	63	37865	2.047	ppbv		99
25) Ethyl Acetate	2.835	43	117567	2.092	ppbv		99
26) Hexane	2.826	57	53034	2.070	ppbv		98
27) Carbon Disulfide	2.153	76	47660	2.074	ppbv	#	60
28) Methyl tert-Butyl Ether	2.441	73	25348	1.903	ppbv		92
29) Chloroform	2.848	83	69599	2.077	ppbv		96
30) Cyclohexane	3.855	84	43725	2.041	ppbv		99
31) cis-1,2-Dichloroethene	2.719	61	50019	2.084	ppbv		95
32) 1,1,1-Trichloroethane	3.366	97	70729	1.948	ppbv		97
34) 2-Butanone	2.557	43	77689	2.114	ppbv		98
35) Carbon Tetrachloride	3.761	117	68858	2.041	ppbv		95
36) Benzene	3.658	78	101901	2.069	ppbv		97
37) 1,2-Dichloroethane	3.217	62	53130	2.052	ppbv		98
38) Trichloroethene	4.548	130	47424	1.938	ppbv		94
39) 1,2-Dichloropropane	4.308	63	37381m	2.078	ppbv		
40) 1,4-Dioxane	4.586	88	17074m	2.044	ppbv		
41) Tetrahydrofuran	3.056	42	43962	2.081	ppbv		98
42) Bromodichloromethane	4.486	83	73675	2.042	ppbv		98
43) Methyl Methacrylate	4.881	69	41527	2.077	ppbv		99
44) 2,2,4-Trimethylpentane	4.638	57	177242	2.083	ppbv		99
45) t-1,3-Dichloropropene	6.415	75	44171	2.055	ppbv		91

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042951.D
Acq On : 22 Sep 2025 10:14
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	cis-1,3-Dichloropropene	5.596	75	56335	2.057	ppbv	97
47)	1,1,2-Trichloroethane	6.577	97	38961m	2.050	ppbv	
48)	Dibromochloromethane	7.383	129	62968	2.072	ppbv	98
49)	Bromoform	9.480	173	56021	2.119	ppbv	99
50)	4-Methyl-2-Pentanone	5.755	43	103605m	2.098	ppbv	
51)	2-Hexanone	7.438	43	80620	2.053	ppbv	99
52)	Tetrachloroethene	8.224	164	36853	1.934	ppbv	94
53)	Toluene	6.933	91	121268	2.081	ppbv	100
54)	1,2-Dibromoethane	7.652	107	55022	2.058	ppbv	94
56)	1,1,1,2-Tetrachloroethane	8.920	131	48901	2.112	ppbv	98
57)	Chlorobenzene	8.924	112	91325	2.068	ppbv	94
58)	Ethyl Benzene	9.354	91	168063	2.115	ppbv	99
59)	m/p-Xylene	9.532	91	263362m	4.202	ppbv	
60)	o-Xylene	9.963	91	131507	2.101	ppbv	98
61)	Styrene	9.869	104	62748	2.119	ppbv	98
62)	Isopropylbenzene	10.539	105	196198	2.103	ppbv	100
63)	1,1,2,2-Tetrachloroethane	9.963	83	65089	1.978	ppbv	98
64)	n-propylbenzene	10.985	120	50569	2.074	ppbv	93
65)	tert-Butylbenzene	11.529	119	178218	2.147	ppbv	98
66)	Benzyl Chloride	11.613	91	18992	2.181	ppbv	98
67)	sec-Butylbenzene	11.765	105	249510	2.158	ppbv	100
69)	p-Isopropyltoluene	11.924	119	210808	2.158	ppbv	97
70)	n-Butylbenzene	12.280	91	206691	2.167	ppbv	100
71)	2-Chlorotoluene	10.898	91	147901	2.099	ppbv	100
72)	4-Ethyltoluene	11.124	105	164770	2.102	ppbv	99
73)	1,3,5-Trimethylbenzene	11.202	105	135344	2.128	ppbv	100
74)	1,2,4-Trimethylbenzene	11.536	105	150772	2.147	ppbv	98
75)	1,3-Dichlorobenzene	11.607	146	92487	2.124	ppbv	98
76)	1,4-Dichlorobenzene	11.671	146	92794	2.145	ppbv	99
77)	1,2-Dichlorobenzene	11.947	146	88825	2.144	ppbv	100
78)	Hexachloro-1,3-Butadiene	13.879	225	70481	2.175	ppbv	99
79)	Naphthalene	13.510	128	142653	2.297	ppbv	98
80)	Naphthalene,2-methyl-	14.458	142	41369	2.157	ppbv	98
81)	1,2,4-Trichlorobenzene	13.439	180	75139	2.263	ppbv	99

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

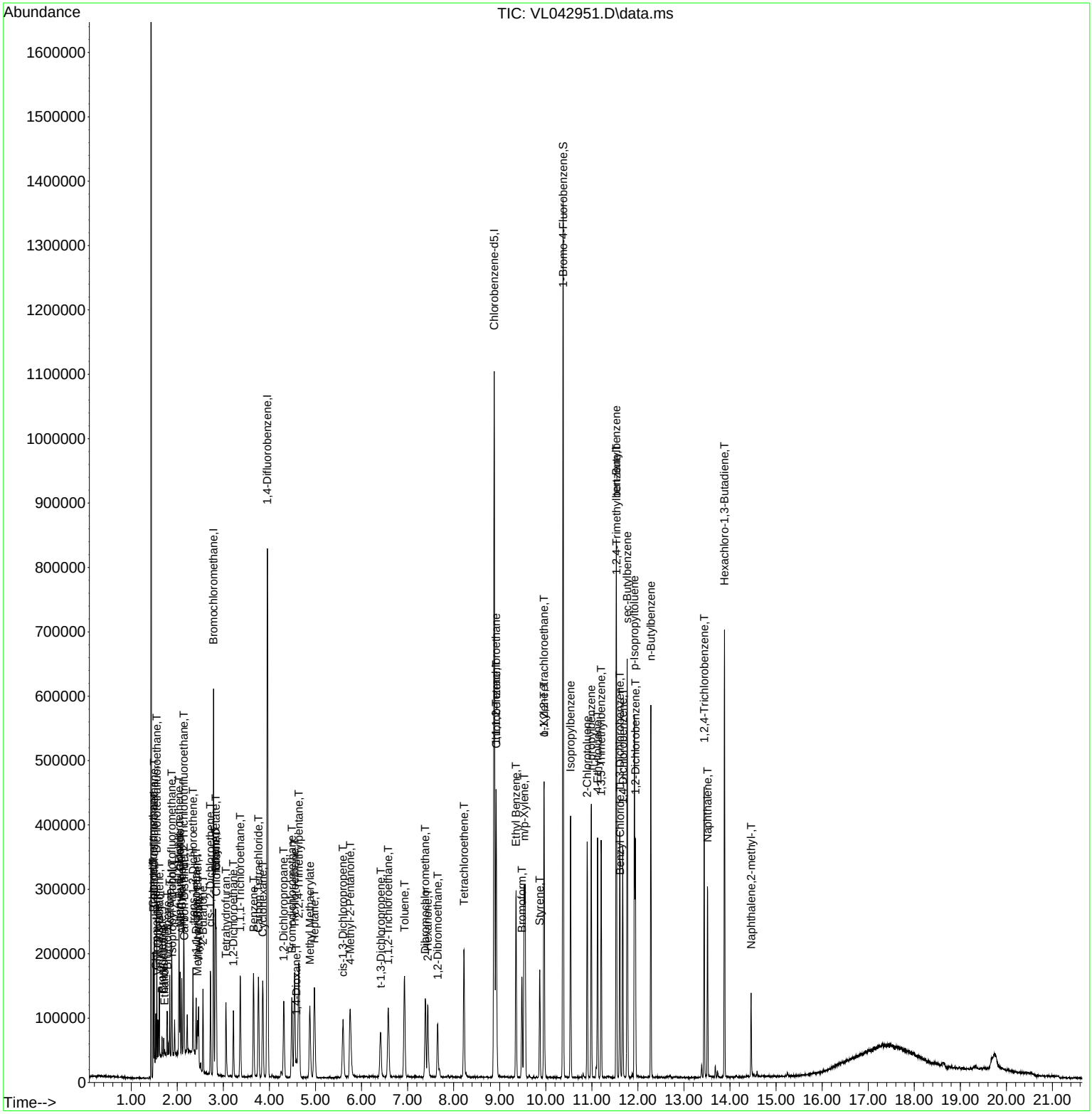
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042951.D
Acq On : 22 Sep 2025 10:14
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042952.D
Acq On : 22 Sep 2025 10:48
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:10:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.784	49	162797	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	511767	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	469265	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	348878	9.960	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	23644	1.080	ppbv	97
3) Chlorodifluoromethane	1.476	51	29646	1.086	ppbv	99
4) Chloromethane	1.531	50	10120	1.021	ppbv	97
5) Vinyl Chloride	1.580	62	9228	1.030	ppbv	99
6) Bromomethane	1.667	94	3493	1.105	ppbv	96
7) Chloroethane	1.703	64	3872	1.113	ppbv #	81
8) Dichlorotetrafluoroethane	1.554	85	20172	1.079	ppbv	97
9) Propene	1.482	41	12808	1.079	ppbv	92
10) Heptane	4.972	43	33540m	1.053	ppbv	
11) Trichlorofluoromethane	1.874	101	22397	1.061	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	18180	1.063	ppbv	99
13) Ethanol	1.719	45	1463	1.286	ppbv #	33
14) Bromoethene	1.780	108	6783	1.049	ppbv #	87
15) Acetone	1.832	43	25273	1.192	ppbv	99
16) 1,3-Butadiene	1.609	39	10993	1.099	ppbv	88
17) tert-Butyl alcohol	2.039	59	25141	1.081	ppbv #	88
18) 1,1-Dichloroethene	2.033	96	8192	1.035	ppbv	96
19) Isopropyl Alcohol	1.884	45	13241	1.039	ppbv #	41
20) Methylene Chloride	2.059	84	10045	0.985	ppbv	97
21) Allyl Chloride	2.094	41	15801	1.070	ppbv	95
22) trans-1,2-Dichloroethene	2.337	96	9960	1.108	ppbv	96
23) Vinyl Acetate	2.457	43	30884	1.020	ppbv #	96
24) 1,1-Dichloroethane	2.405	63	19077	1.082	ppbv	99
25) Ethyl Acetate	2.832	43	56877	1.061	ppbv	97
26) Hexane	2.822	57	26276	1.076	ppbv	96
27) Carbon Disulfide	2.149	76	23373	1.067	ppbv #	32
28) Methyl tert-Butyl Ether	2.441	73	12580	0.991	ppbv #	86
29) Chloroform	2.842	83	33240	1.041	ppbv	99
30) Cyclohexane	3.855	84	21707	1.063	ppbv	98
31) cis-1,2-Dichloroethene	2.716	61	23828	1.041	ppbv	96
32) 1,1,1-Trichloroethane	3.360	97	35233	1.018	ppbv	97
34) 2-Butanone	2.554	43	37431	1.044	ppbv	97
35) Carbon Tetrachloride	3.758	117	34016	1.033	ppbv	96
36) Benzene	3.651	78	49652	1.033	ppbv	100
37) 1,2-Dichloroethane	3.214	62	26482	1.048	ppbv	98
38) Trichloroethene	4.538	130	23906	1.001	ppbv	98
39) 1,2-Dichloropropane	4.311	63	18493m	1.053	ppbv	
40) 1,4-Dioxane	4.583	88	8804m	1.080	ppbv	
41) Tetrahydrofuran	3.055	42	20845	1.011	ppbv	98
42) Bromodichloromethane	4.480	83	35768m	1.016	ppbv	
43) Methyl Methacrylate	4.871	69	20289	1.040	ppbv	98
44) 2,2,4-Trimethylpentane	4.635	57	84970	1.023	ppbv	96
45) t-1,3-Dichloropropene	6.402	75	21210m	1.011	ppbv	

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042952.D
Acq On : 22 Sep 2025 10:48
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:10:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	5.587	75	27025m	1.011	ppbv		
47)	1,1,2-Trichloroethane	6.574	97	19311	1.041	ppbv		96
48)	Dibromochloromethane	7.383	129	30015	1.012	ppbv		99
49)	Bromoform	9.477	173	25929	1.005	ppbv		98
50)	4-Methyl-2-Pentanone	5.748	43	48546	1.007	ppbv		98
51)	2-Hexanone	7.431	43	39627	1.034	ppbv	#	99
52)	Tetrachloroethene	8.218	164	18188	0.978	ppbv		97
53)	Toluene	6.926	91	58200	1.023	ppbv		100
54)	1,2-Dibromoethane	7.645	107	26608	1.020	ppbv		94
56)	1,1,1,2-Tetrachloroethane	8.920	131	22802	1.015	ppbv		94
57)	Chlorobenzene	8.914	112	45873	1.071	ppbv		98
58)	Ethyl Benzene	9.351	91	80473	1.044	ppbv		97
59)	m/p-Xylene	9.529	91	128139m	2.108	ppbv		
60)	o-Xylene	9.959	91	64703	1.066	ppbv		99
61)	Styrene	9.869	104	29061	1.012	ppbv		98
62)	Isopropylbenzene	10.535	105	96621	1.068	ppbv		100
63)	1,1,2,2-Tetrachloroethane	9.959	83	31695	0.993	ppbv		96
64)	n-propylbenzene	10.985	120	24820	1.049	ppbv		98
65)	tert-Butylbenzene	11.526	119	86303	1.072	ppbv		99
66)	Benzyl Chloride	11.610	91	8140	0.964	ppbv		100
67)	sec-Butylbenzene	11.762	105	120070	1.070	ppbv		100
69)	p-Isopropyltoluene	11.921	119	101749	1.074	ppbv		99
70)	n-Butylbenzene	12.277	91	98908	1.069	ppbv		99
71)	2-Chlorotoluene	10.895	91	70577	1.033	ppbv		98
72)	4-Ethyltoluene	11.121	105	79095	1.040	ppbv		99
73)	1,3,5-Trimethylbenzene	11.199	105	63174	1.024	ppbv		98
74)	1,2,4-Trimethylbenzene	11.532	105	71411	1.049	ppbv		95
75)	1,3-Dichlorobenzene	11.603	146	44769	1.060	ppbv		99
76)	1,4-Dichlorobenzene	11.668	146	42879	1.022	ppbv		97
77)	1,2-Dichlorobenzene	11.940	146	42911	1.068	ppbv		98
78)	Hexachloro-1,3-Butadiene	13.879	225	34798	1.107	ppbv		99
79)	Naphthalene	13.510	128	61925	1.028	ppbv		98
80)	Naphthalene,2-methyl-	14.455	142	17116	0.920	ppbv		97
81)	1,2,4-Trichlorobenzene	13.435	180	32411	1.007	ppbv		97

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

Quantitation Report (QT Reviewed)

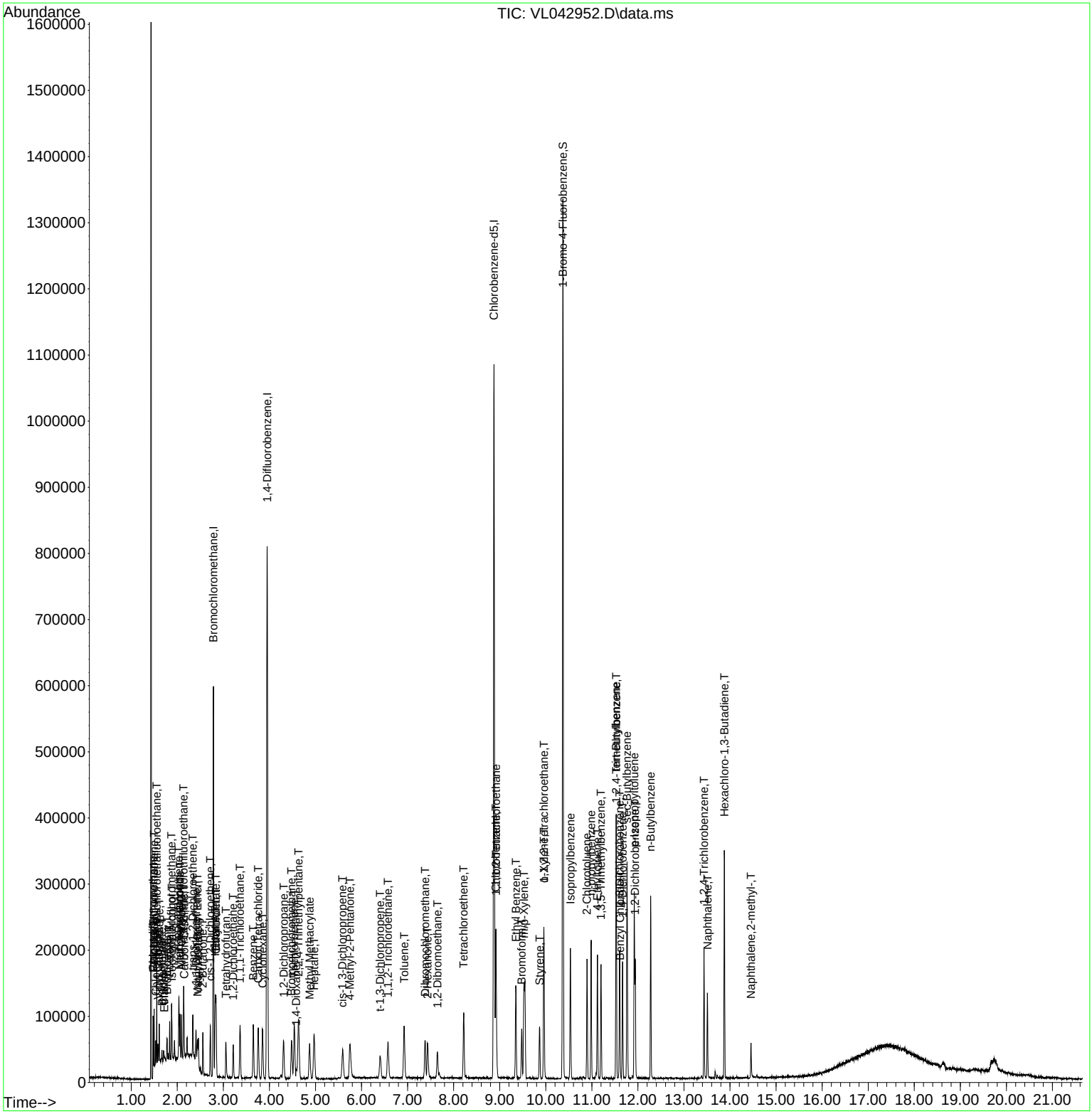
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042952.D
Acq On : 22 Sep 2025 10:48
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:10:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042953.D
Acq On : 22 Sep 2025 11:22
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:11:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	165435	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	509306	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	464091	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	347374	10.027	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	11508	0.517	ppbv	96
3) Chlorodifluoromethane	1.476	51	14744	0.532	ppbv #	90
4) Chloromethane	1.534	50	5729	0.569	ppbv	97
5) Vinyl Chloride	1.580	62	4373	0.480	ppbv	93
6) Bromomethane	1.667	94	1850	0.576	ppbv	100
7) Chloroethane	1.703	64	1936	0.548	ppbv #	87
8) Dichlorotetrafluoroethane	1.554	85	10149	0.534	ppbv	96
9) Propene	1.483	41	6482	0.537	ppbv	94
10) Heptane	4.978	43	17388m	0.537	ppbv	
11) Trichlorofluoromethane	1.877	101	11200	0.522	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.140	101	9346	0.538	ppbv	100
13) Ethanol	1.719	45	629m	0.544	ppbv	
14) Bromoethene	1.784	108	3553	0.541	ppbv #	84
15) Acetone	1.835	43	12326	0.572	ppbv #	86
16) 1,3-Butadiene	1.609	39	6215	0.611	ppbv #	82
17) tert-Butyl alcohol	2.043	59	13128	0.555	ppbv #	77
18) 1,1-Dichloroethene	2.033	96	4543	0.565	ppbv	93
19) Isopropyl Alcohol	1.887	45	7431	0.574	ppbv #	46
20) Methylene Chloride	2.062	84	6881	0.430	ppbv	87
21) Allyl Chloride	2.098	41	7481	0.499	ppbv #	69
22) trans-1,2-Dichloroethene	2.337	96	4869m	0.533	ppbv	
23) Vinyl Acetate	2.460	43	18264	0.593	ppbv #	95
24) 1,1-Dichloroethane	2.408	63	9484	0.529	ppbv #	98
25) Ethyl Acetate	2.836	43	28162	0.517	ppbv #	95
26) Hexane	2.823	57	13406	0.540	ppbv	98
27) Carbon Disulfide	2.149	76	11535	0.518	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	7886	0.611	ppbv #	65
29) Chloroform	2.845	83	17188	0.530	ppbv	100
30) Cyclohexane	3.855	84	10856	0.523	ppbv	93
31) cis-1,2-Dichloroethene	2.719	61	11939	0.513	ppbv	99
32) 1,1,1-Trichloroethane	3.366	97	16684	0.474	ppbv	96
34) 2-Butanone	2.557	43	18948	0.531	ppbv	96
35) Carbon Tetrachloride	3.761	117	16799	0.513	ppbv	94
36) Benzene	3.654	78	24807	0.519	ppbv #	95
37) 1,2-Dichloroethane	3.217	62	12788	0.508	ppbv	100
38) Trichloroethene	4.544	130	12243	0.515	ppbv #	88
39) 1,2-Dichloropropane	4.315	63	8772	0.502	ppbv #	86
40) 1,4-Dioxane	4.599	88	4405m	0.543	ppbv	
41) Tetrahydrofuran	3.059	42	10871	0.530	ppbv	95
42) Bromodichloromethane	4.486	83	17552	0.501	ppbv	96
43) Methyl Methacrylate	4.881	69	10330m	0.532	ppbv	
44) 2,2,4-Trimethylpentane	4.642	57	43414m	0.525	ppbv	
45) t-1,3-Dichloropropene	6.409	75	10262m	0.492	ppbv	

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042953.D
Acq On : 22 Sep 2025 11:22
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:11:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	5.593	75	13304m	0.500	ppbv		
47)	1,1,2-Trichloroethane	6.580	97	9725m	0.527	ppbv		
48)	Dibromochloromethane	7.383	129	14563	0.493	ppbv		99
49)	Bromoform	9.480	173	12136	0.473	ppbv		97
50)	4-Methyl-2-Pentanone	5.761	43	23639	0.493	ppbv		95
51)	2-Hexanone	7.441	43	18322	0.480	ppbv	#	97
52)	Tetrachloroethene	8.218	164	9073m	0.490	ppbv		
53)	Toluene	6.927	91	29404	0.519	ppbv		99
54)	1,2-Dibromoethane	7.648	107	13233	0.510	ppbv		98
56)	1,1,1,2-Tetrachloroethane	8.924	131	11535	0.519	ppbv	#	1
57)	Chlorobenzene	8.920	112	22463	0.530	ppbv		91
58)	Ethyl Benzene	9.351	91	38459	0.505	ppbv		96
59)	m/p-Xylene	9.545	91	61801m	1.028	ppbv		
60)	o-Xylene	9.959	91	30976	0.516	ppbv		98
61)	Styrene	9.865	104	14048	0.495	ppbv		98
62)	Isopropylbenzene	10.535	105	46640	0.521	ppbv		100
63)	1,1,2,2-Tetrachloroethane	9.959	83	15974	0.506	ppbv		97
64)	n-propylbenzene	10.985	120	12333	0.527	ppbv		100
65)	tert-Butylbenzene	11.529	119	42595	0.535	ppbv		99
66)	Benzyl Chloride	11.613	91	3942m	0.472	ppbv		
67)	sec-Butylbenzene	11.765	105	58190	0.525	ppbv		99
69)	p-Isopropyltoluene	11.924	119	48855	0.521	ppbv		100
70)	n-Butylbenzene	12.280	91	44764	0.489	ppbv		100
71)	2-Chlorotoluene	10.898	91	35797	0.530	ppbv		96
72)	4-Ethyltoluene	11.125	105	39803	0.529	ppbv		99
73)	1,3,5-Trimethylbenzene	11.202	105	30932	0.507	ppbv		96
74)	1,2,4-Trimethylbenzene	11.532	105	35601	0.529	ppbv		97
75)	1,3-Dichlorobenzene	11.607	146	21307	0.510	ppbv		98
76)	1,4-Dichlorobenzene	11.668	146	21404	0.516	ppbv		98
77)	1,2-Dichlorobenzene	11.943	146	20279	0.510	ppbv		95
78)	Hexachloro-1,3-Butadiene	13.879	225	17515	0.563	ppbv		98
79)	Naphthalene	13.510	128	25577	0.429	ppbv		97
80)	Naphthalene,2-methyl-	14.458	142	8906	0.484	ppbv		92
81)	1,2,4-Trichlorobenzene	13.439	180	12920	0.406	ppbv		98

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

Quantitation Report (QT Reviewed)

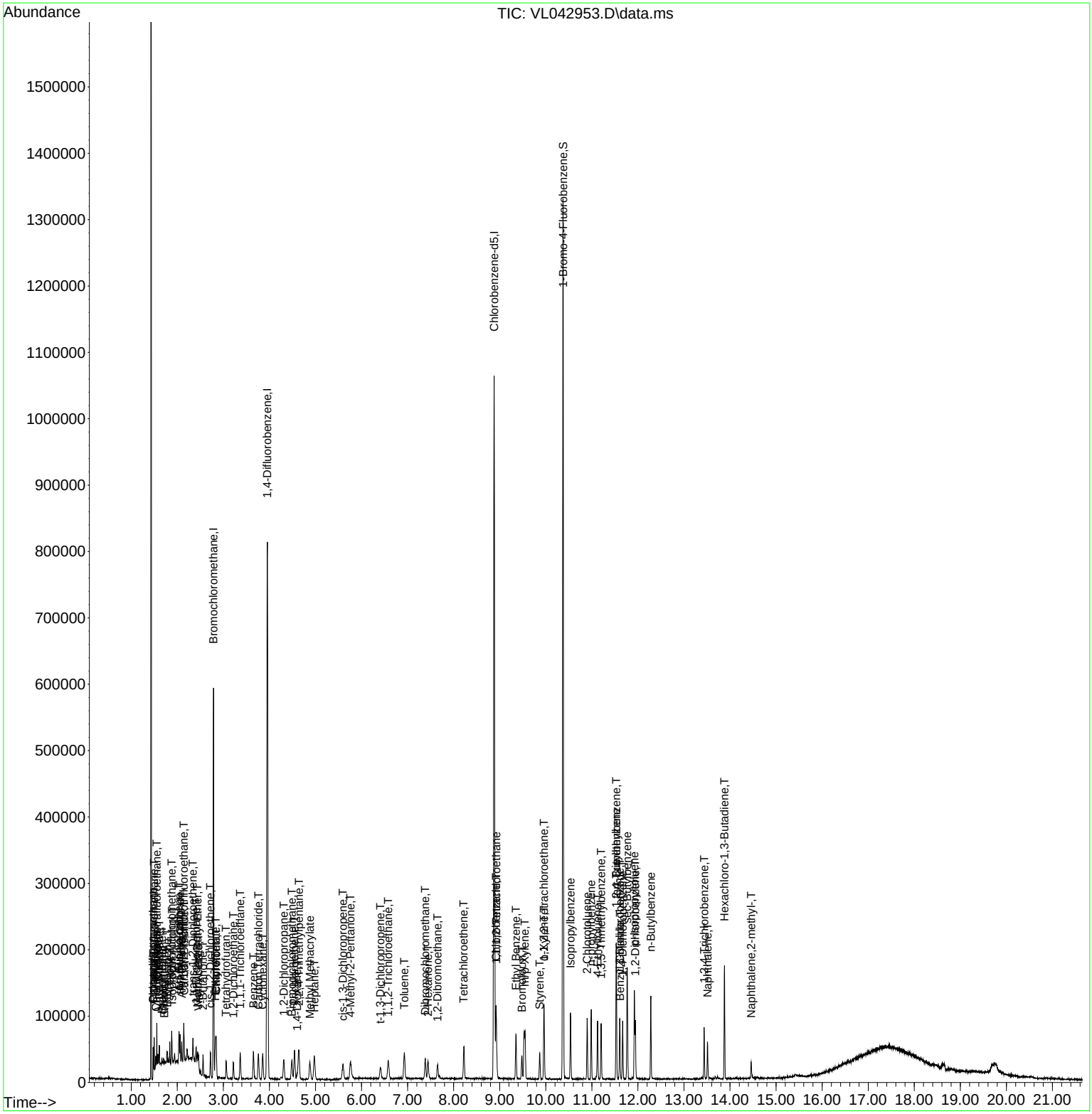
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042953.D
Acq On : 22 Sep 2025 11:22
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:11:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042954.D
Acq On : 22 Sep 2025 11:56
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:12:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	163771	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	498673	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	457171	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	337196	9.881	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.800%			
Target Compounds						Qvalue
5) Vinyl Chloride	1.580	62	920	0.102	ppbv #	75
32) 1,1,1-Trichloroethane	3.370	97	3418	0.098	ppbv	96
35) Carbon Tetrachloride	3.764	117	3071m	0.096	ppbv	
38) Trichloroethene	4.541	130	2470m	0.106	ppbv	
52) Tetrachloroethene	8.228	164	2013m	0.111	ppbv	
54) 1,2-Dibromoethane	7.655	107	2595m	0.102	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.966	83	3301	0.106	ppbv	97
79) Naphthalene	13.516	128	4997m	0.085	ppbv	

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

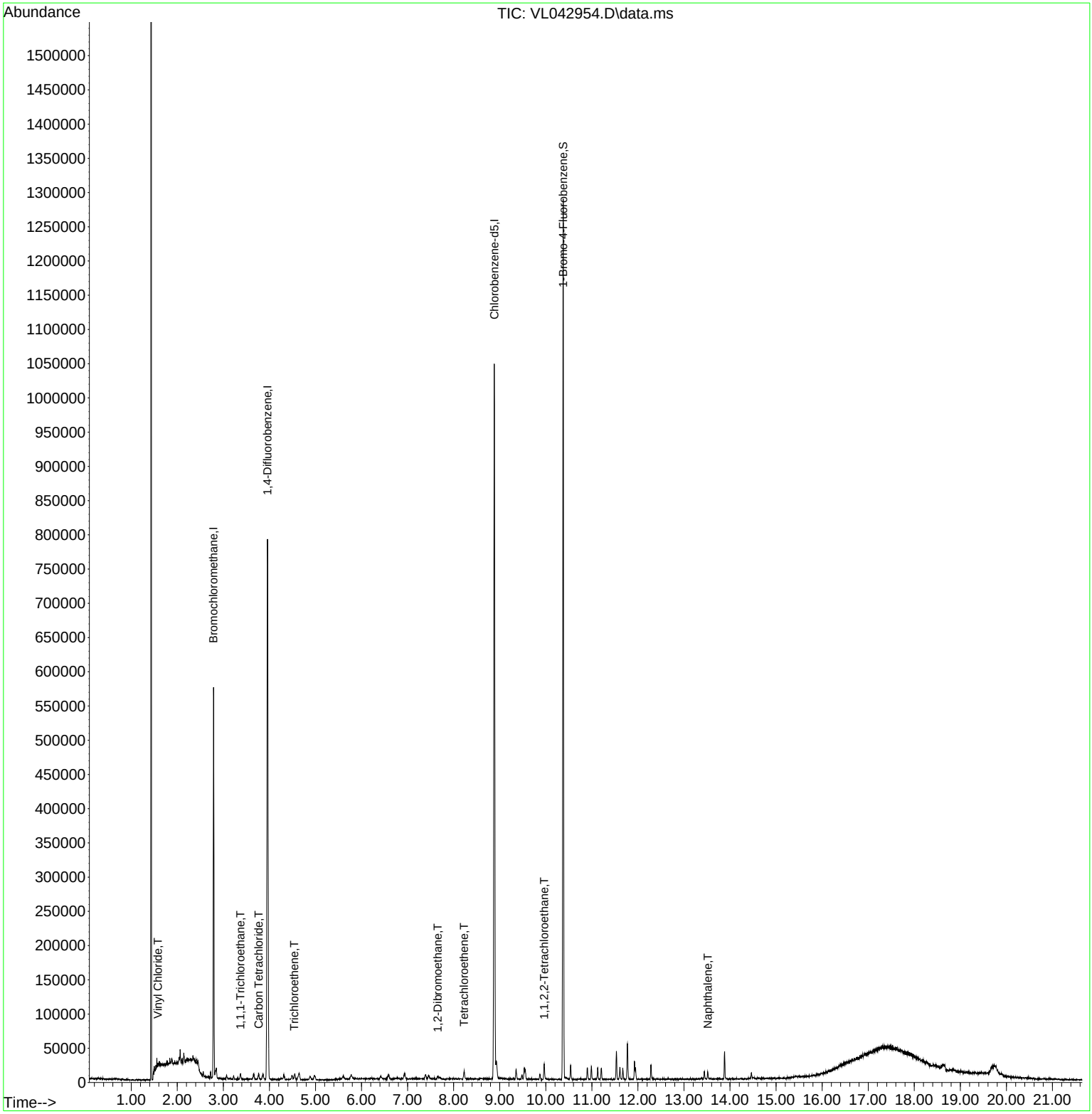
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042954.D
Acq On : 22 Sep 2025 11:56
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:12:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042955.D
Acq On : 22 Sep 2025 12:30
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:13:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	163615	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	504423	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	454013	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	334002	9.855	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.600%			
Target Compounds						Qvalue
5) Vinyl Chloride	1.580	62	358	0.040	ppbv	# 53
32) 1,1,1-Trichloroethane	3.373	97	1337m	0.038	ppbv	
35) Carbon Tetrachloride	3.761	117	1110m	0.034	ppbv	
38) Trichloroethene	4.551	130	797m	0.034	ppbv	
52) Tetrachloroethene	8.231	164	660m	0.036	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.959	83	1098m	0.036	ppbv	

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

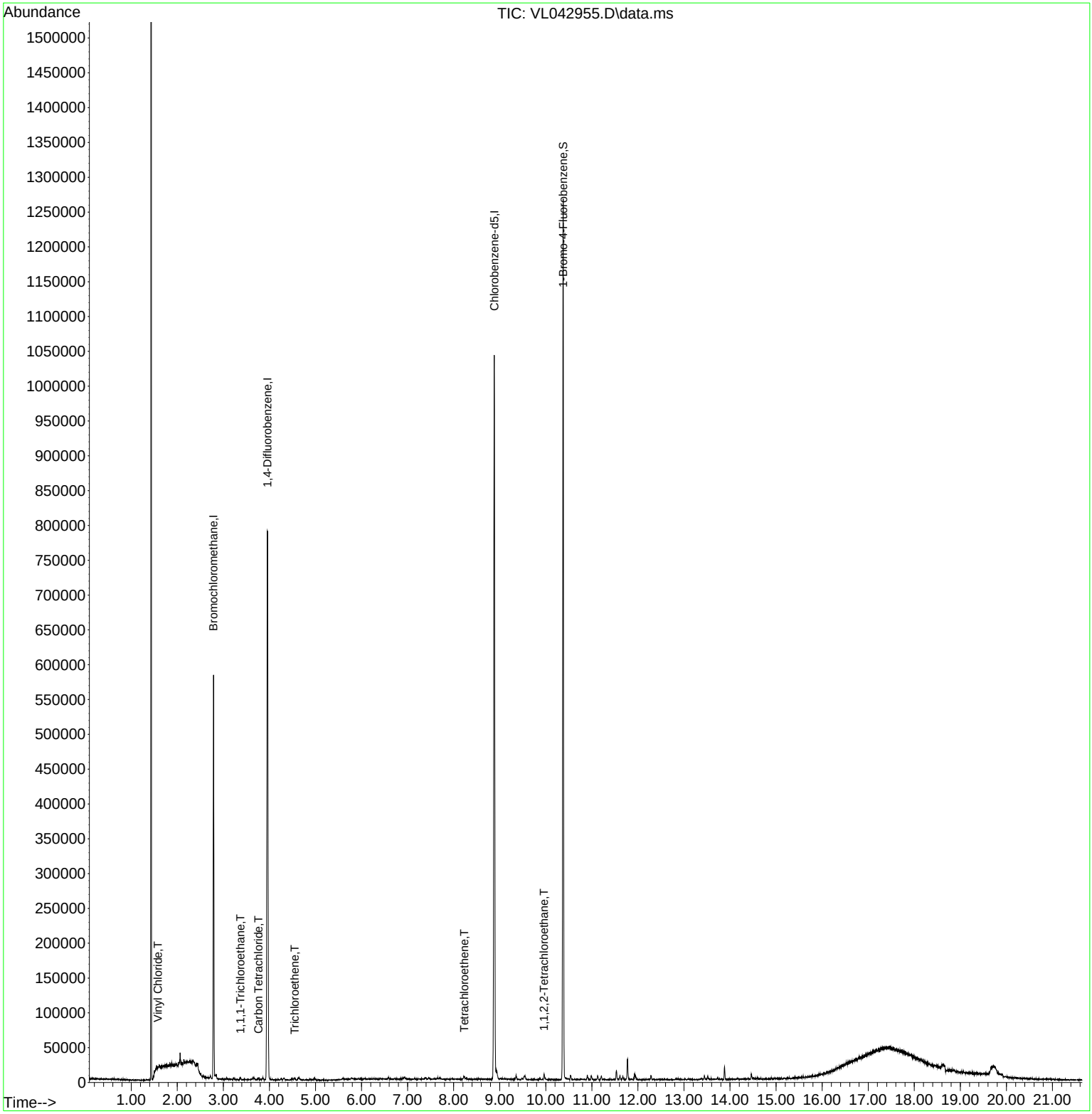
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042955.D
Acq On : 22 Sep 2025 12:30
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:13:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042956.D
Acq On : 22 Sep 2025 13:05
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:14:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	162846	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	494779	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	458256	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	343752	10.049	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	300946	13.740	ppbv	97
3) Chlorodifluoromethane	1.476	51	364959	13.369	ppbv	100
4) Chloromethane	1.534	50	133240	13.439	ppbv	99
5) Vinyl Chloride	1.583	62	115257	12.860	ppbv	100
6) Bromomethane	1.670	94	40861	12.925	ppbv	94
7) Chloroethane	1.706	64	46081	13.241	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	255815	13.682	ppbv	98
9) Propene	1.486	41	154069	12.973	ppbv	94
10) Heptane	4.985	43	424500	13.327	ppbv	98
11) Trichlorofluoromethane	1.881	101	295479	13.991	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	237615	13.894	ppbv	99
13) Ethanol	1.722	45	11502	10.105	ppbv	99
14) Bromoethene	1.784	108	88375	13.668	ppbv	100
15) Acetone	1.835	43	244861	11.545	ppbv	97
16) 1,3-Butadiene	1.612	39	126670	12.661	ppbv	97
17) tert-Butyl alcohol	2.039	59	308347	13.255	ppbv	99
18) 1,1-Dichloroethene	2.036	96	109211	13.796	ppbv	99
19) Isopropyl Alcohol	1.887	45	162952	12.780	ppbv	100
20) Methylene Chloride	2.062	84	92708	14.996	ppbv	95
21) Allyl Chloride	2.098	41	204552	13.848	ppbv	100
22) trans-1,2-Dichloroethene	2.343	96	121815	13.542	ppbv	98
23) Vinyl Acetate	2.463	43	419251	13.837	ppbv	99
24) 1,1-Dichloroethane	2.411	63	243229	13.789	ppbv	99
25) Ethyl Acetate	2.835	43	724418	13.514	ppbv	99
26) Hexane	2.829	57	321710	13.166	ppbv	99
27) Carbon Disulfide	2.153	76	300931	13.731	ppbv	97
28) Methyl tert-Butyl Ether	2.444	73	193915	15.267	ppbv	94
29) Chloroform	2.852	83	440772	13.796	ppbv	98
30) Cyclohexane	3.858	84	281932	13.800	ppbv	98
31) cis-1,2-Dichloroethene	2.722	61	317456	13.869	ppbv	98
32) 1,1,1-Trichloroethane	3.369	97	456335	13.178	ppbv	99
34) 2-Butanone	2.557	43	469872	13.551	ppbv	99
35) Carbon Tetrachloride	3.764	117	457985	14.385	ppbv	97
36) Benzene	3.658	78	654205	14.080	ppbv	99
37) 1,2-Dichloroethane	3.221	62	350841	14.358	ppbv	100
38) Trichloroethene	4.548	130	310602	13.450	ppbv	97
39) 1,2-Dichloropropane	4.315	63	241323	14.218	ppbv	95
40) 1,4-Dioxane	4.580	88	104884	13.306	ppbv #	98
41) Tetrahydrofuran	3.052	42	276157	13.855	ppbv	99
42) Bromodichloromethane	4.489	83	495091	14.544	ppbv	98
43) Methyl Methacrylate	4.881	69	263659	13.979	ppbv	99
44) 2,2,4-Trimethylpentane	4.641	57	1107180	13.791	ppbv	99
45) t-1,3-Dichloropropene	6.415	75	298019	14.694	ppbv	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042956.D
Acq On : 22 Sep 2025 13:05
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:14:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	371770	14.389	ppbv	99
47) 1,1,2-Trichloroethane	6.583	97	249453	13.909	ppbv	96
48) Dibromochloromethane	7.389	129	421755	14.709	ppbv	99
49) Bromoform	9.487	173	367120	14.719	ppbv	99
50) 4-Methyl-2-Pentanone	5.748	43	666049	14.293	ppbv	100
51) 2-Hexanone	7.435	43	541611	14.620	ppbv	100
52) Tetrachloroethene	8.228	164	233980	13.015	ppbv	99
53) Toluene	6.936	91	765216	13.915	ppbv	98
54) 1,2-Dibromoethane	7.652	107	359750	14.261	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.927	131	306952	13.994	ppbv	99
57) Chlorobenzene	8.924	112	565065	13.507	ppbv	98
58) Ethyl Benzene	9.357	91	1052303	13.985	ppbv	99
59) m/p-Xylene	9.555	91	1636030m	27.557	ppbv	
60) o-Xylene	9.966	91	808098	13.629	ppbv	100
61) Styrene	9.872	104	401899	14.330	ppbv	99
62) Isopropylbenzene	10.542	105	1198767	13.564	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.966	83	403038	12.932	ppbv	100
64) n-propylbenzene	10.992	120	318541	13.793	ppbv	97
65) tert-Butylbenzene	11.532	119	1033382	13.146	ppbv	100
66) Benzyl Chloride	11.616	91	113549	13.767	ppbv	99
67) sec-Butylbenzene	11.769	105	1454158	13.276	ppbv	99
69) p-Isopropyltoluene	11.927	119	1228773	13.280	ppbv	100
70) n-Butylbenzene	12.283	91	1239042	13.716	ppbv	99
71) 2-Chlorotoluene	10.904	91	916456	13.733	ppbv	100
72) 4-Ethyltoluene	11.128	105	1014567	13.662	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	845958	14.046	ppbv	98
74) 1,2,4-Trimethylbenzene	11.539	105	889339	13.372	ppbv	97
75) 1,3-Dichlorobenzene	11.610	146	568597	13.785	ppbv	100
76) 1,4-Dichlorobenzene	11.675	146	570104	13.916	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	536286	13.665	ppbv	100
78) Hexachloro-1,3-Butadiene	13.882	225	377435	12.296	ppbv	99
79) Naphthalene	13.513	128	920123	15.645	ppbv	100
80) Naphthalene,2-methyl-	14.458	142	277792	15.290	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	473767	15.066	ppbv	99

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

Quantitation Report (QT Reviewed)

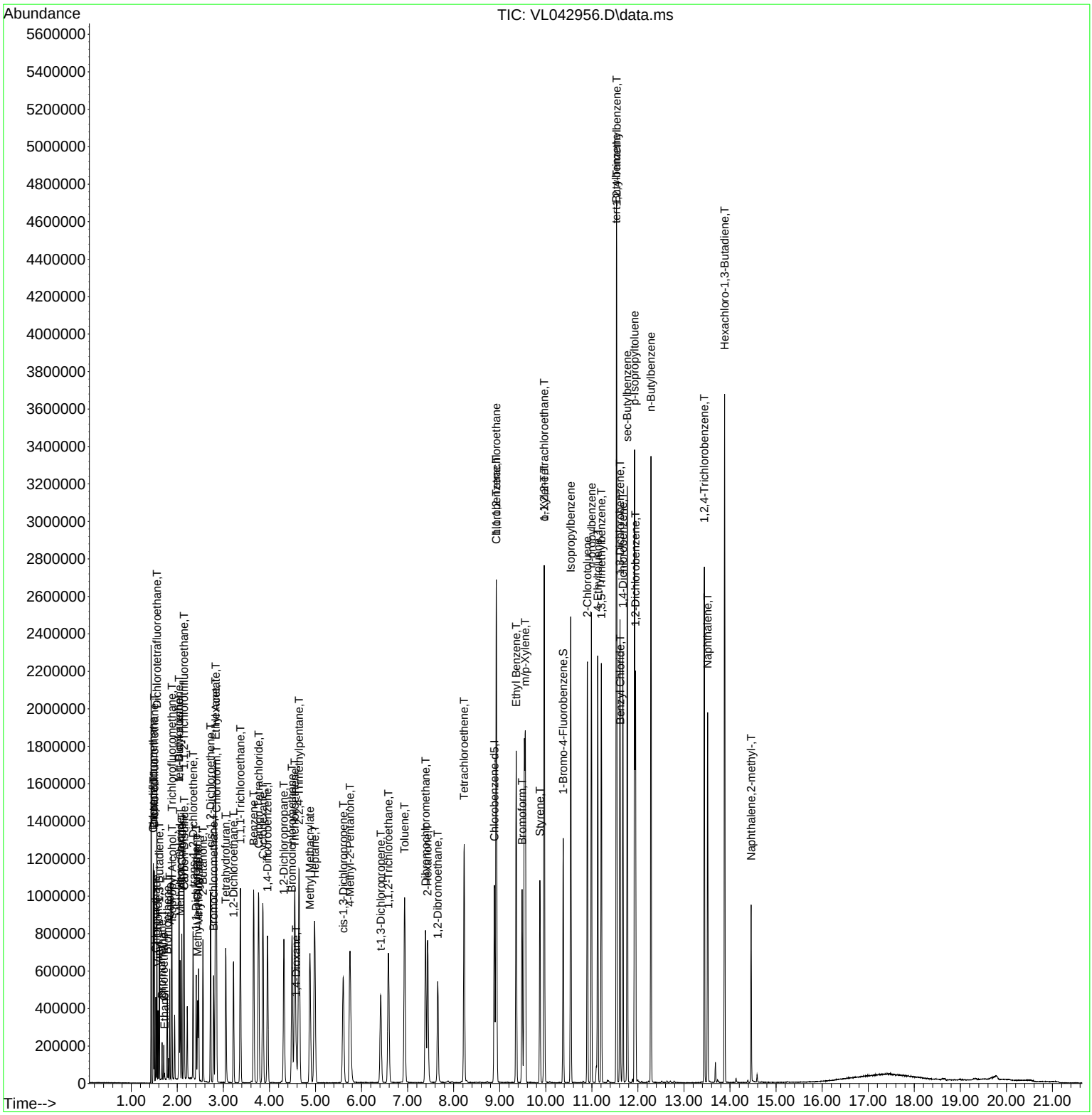
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042956.D
Acq On : 22 Sep 2025 13:05
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:14:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:07:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	159826	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	493072	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	450930	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	338071	10.043	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	197861	9.204	ppbv	98
3) Chlorodifluoromethane	1.476	51	246838	9.213	ppbv	99
4) Chloromethane	1.535	50	85932	8.831	ppbv	100
5) Vinyl Chloride	1.580	62	74819	8.506	ppbv	98
6) Bromomethane	1.667	94	26463	8.529	ppbv	91
7) Chloroethane	1.706	64	30377	8.894	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	164255	8.951	ppbv	98
9) Propene	1.483	41	105822	9.079	ppbv	95
10) Heptane	4.982	43	284333	9.141	ppbv	99
11) Trichlorofluoromethane	1.878	101	189800	9.157	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.140	101	151398	9.020	ppbv	99
13) Ethanol	1.722	45	6606	5.842	ppbv	90
14) Bromoethene	1.781	108	55748	8.785	ppbv	98
15) Acetone	1.836	43	157306	7.557	ppbv	98
16) 1,3-Butadiene	1.609	39	80854	8.234	ppbv	98
17) tert-Butyl alcohol	2.040	59	206466	9.043	ppbv	100
18) 1,1-Dichloroethene	2.036	96	69181	8.904	ppbv	94
19) Isopropyl Alcohol	1.884	45	108171	8.644	ppbv	100
20) Methylene Chloride	2.062	84	61743	9.945	ppbv	98
21) Allyl Chloride	2.098	41	132878	9.166	ppbv	100
22) trans-1,2-Dichloroethene	2.341	96	78085	8.845	ppbv	98
23) Vinyl Acetate	2.464	43	280339	9.427	ppbv	99
24) 1,1-Dichloroethane	2.409	63	155861	9.003	ppbv	100
25) Ethyl Acetate	2.833	43	486993	9.256	ppbv	99
26) Hexane	2.826	57	216458	9.026	ppbv	99
27) Carbon Disulfide	2.150	76	196191	9.121	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	121564	9.752	ppbv	95
29) Chloroform	2.849	83	300507	9.583	ppbv	100
30) Cyclohexane	3.855	84	186186	9.286	ppbv	98
31) cis-1,2-Dichloroethene	2.719	61	213362	9.497	ppbv	99
32) 1,1,1-Trichloroethane	3.370	97	307237	9.071	ppbv	100
34) 2-Butanone	2.558	43	313801	9.081	ppbv	100
35) Carbon Tetrachloride	3.762	117	304293	9.479	ppbv	97
36) Benzene	3.655	78	435981	9.416	ppbv	98
37) 1,2-Dichloroethane	3.218	62	233305	9.581	ppbv	99
38) Trichloroethene	4.548	130	205431	8.927	ppbv	95
39) 1,2-Dichloropropane	4.312	63	160275	9.482	ppbv	95
40) 1,4-Dioxane	4.577	88	69659	8.863	ppbv #	95
41) Tetrahydrofuran	3.053	42	184258	9.277	ppbv	100
42) Bromodichloromethane	4.490	83	329680	9.721	ppbv	99
43) Methyl Methacrylate	4.878	69	172867	9.125	ppbv	99
44) 2,2,4-Trimethylpentane	4.642	57	738876	9.239	ppbv	99
45) t-1,3-Dichloropropene	6.416	75	188332	9.321	ppbv	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	244367	9.490	ppbv	99
47) 1,1,2-Trichloroethane	6.577	97	165721	9.279	ppbv	97
48) Dibromochloromethane	7.387	129	278090	9.732	ppbv	99
49) Bromoform	9.484	173	238337	9.589	ppbv	99
50) 4-Methyl-2-Pentanone	5.746	43	435845	9.411	ppbv	99
51) 2-Hexanone	7.435	43	352962	9.561	ppbv	100
52) Tetrachloroethene	8.225	164	155469	8.678	ppbv	98
53) Toluene	6.933	91	509968	9.306	ppbv	99
54) 1,2-Dibromoethane	7.652	107	237604	9.452	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.924	131	205811	9.536	ppbv	99
57) Chlorobenzene	8.924	112	379110	9.209	ppbv	99
58) Ethyl Benzene	9.354	91	698086	9.428	ppbv	100
59) m/p-Xylene	9.552	91	1092496m	18.715	ppbv	
60) o-Xylene	9.966	91	538861	9.236	ppbv	99
61) Styrene	9.872	104	264257	9.575	ppbv	99
62) Isopropylbenzene	10.539	105	802723	9.230	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.963	83	272416	8.883	ppbv	100
64) n-propylbenzene	10.989	120	214374	9.433	ppbv	99
65) tert-Butylbenzene	11.533	119	711319	9.196	ppbv	99
66) Benzyl Chloride	11.617	91	71896	8.858	ppbv	99
67) sec-Butylbenzene	11.769	105	995407	9.235	ppbv	99
69) p-Isopropyltoluene	11.928	119	848196	9.316	ppbv	99
70) n-Butylbenzene	12.280	91	834882	9.392	ppbv	100
71) 2-Chlorotoluene	10.902	91	611697	9.315	ppbv	100
72) 4-Ethyltoluene	11.125	105	686229	9.391	ppbv	100
73) 1,3,5-Trimethylbenzene	11.203	105	567874	9.582	ppbv	100
74) 1,2,4-Trimethylbenzene	11.536	105	607159	9.277	ppbv	92
75) 1,3-Dichlorobenzene	11.607	146	380822	9.382	ppbv	100
76) 1,4-Dichlorobenzene	11.672	146	380109	9.429	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	359995	9.322	ppbv	100
78) Hexachloro-1,3-Butadiene	13.883	225	249142	8.248	ppbv	100
79) Naphthalene	13.514	128	590759	10.208	ppbv	99
80) Naphthalene,2-methyl-	14.459	142	173023	9.678	ppbv	98
81) 1,2,4-Trichlorobenzene	13.439	180	304647	9.845	ppbv	98

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

Quantitation Report (QT Reviewed)

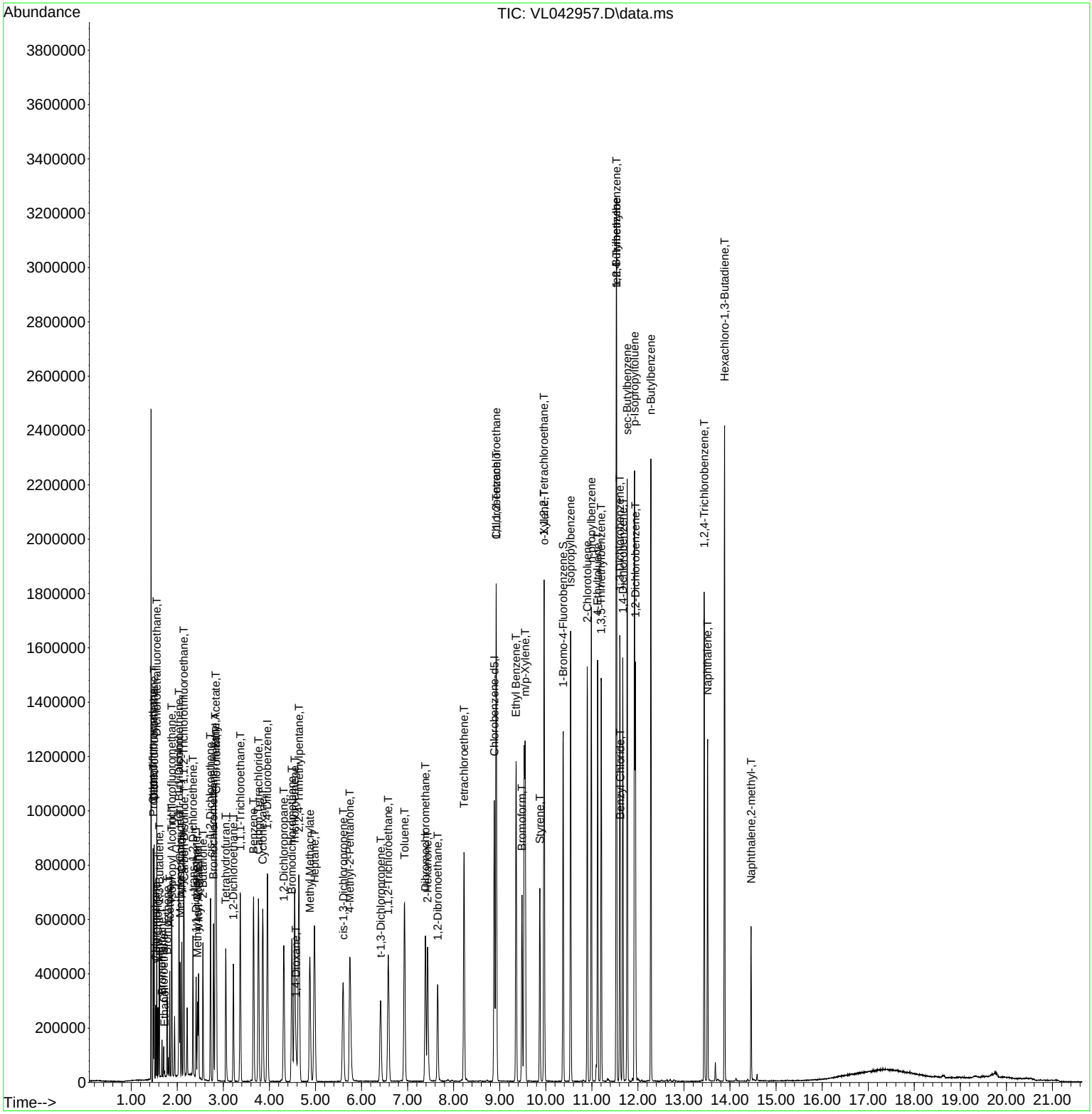
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 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	94	0.00
2	T	Dichlorodifluoromethane	1.345	1.238	8.0	93	0.00
3		Chlorodifluoromethane	1.676	1.544	7.9	92	0.00
4		Chloromethane	0.609	0.538	11.7	90	0.00
5	T	Vinyl Chloride	0.550	0.468	14.9	93	0.00
6	T	Bromomethane	0.194	0.166	14.4	94	0.00
7		Chloroethane	0.214	0.190	11.2	91	0.00
8	T	Dichlorotetrafluoroethane	1.148	1.028	10.5	92	0.00
9	T	Propene	0.729	0.662	9.2	91	0.00
10	T	Heptane	1.946	1.779	8.6	89	0.01
11	T	Trichlorofluoromethane	1.297	1.188	8.4	93	0.00
12	T	1,1,2-Trichlorotrifluoroeth	1.050	0.947	9.8	92	0.00
13		Ethanol	0.071	0.041#	42.3#	73	0.00
14	T	Bromoethene	0.397	0.349	12.1	90	0.00
15	T	Acetone	1.302	0.984	24.4	93	0.00
16	T	1,3-Butadiene	0.614	0.506	17.6	91	0.00
17		tert-Butyl alcohol	1.429	1.292	9.6	89	0.00
18	T	1,1-Dichloroethene	0.486	0.433	10.9	91	0.00
19	T	Isopropyl Alcohol	0.783	0.677	13.5	88	0.00
20	T	Methylene Chloride	0.545	0.386	29.2	93	0.00
21	T	Allyl Chloride	0.907	0.831	8.4	91	0.00
22	T	trans-1,2-Dichloroethene	0.552	0.489	11.4	90	0.00
23	T	Vinyl Acetate	1.861	1.754	5.7	103	0.00
24	T	1,1-Dichloroethane	1.083	0.975	10.0	92	0.00
25	T	Ethyl Acetate	3.292	3.047	7.4	90	0.00
26	T	Hexane	1.501	1.354	9.8	91	0.00
27	T	Carbon Disulfide	1.346	1.228	8.8	90	0.00
28	T	Methyl tert-Butyl Ether	0.780	0.761	2.4	112	0.00
29	T	Chloroform	1.962	1.880	4.2	95	0.00
30	T	Cyclohexane	1.255	1.165	7.2	91	0.00
31	T	cis-1,2-Dichloroethene	1.406	1.335	5.0	92	0.00
32	T	1,1,1-Trichloroethane	2.119	1.922	9.3	95	0.00
33	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
34	T	2-Butanone	0.701	0.636	9.3	91	0.00
35	T	Carbon Tetrachloride	0.651	0.617	5.2	95	0.00
36	T	Benzene	0.939	0.884	5.9	92	0.00
37	T	1,2-Dichloroethane	0.494	0.473	4.3	94	0.00
38	T	Trichloroethene	0.467	0.417	10.7	91	0.00
39	T	1,2-Dichloropropane	0.343	0.325	5.2	93	0.00
40	T	1,4-Dioxane	0.159	0.141	11.3	89	0.00
41	T	Tetrahydrofuran	0.403	0.374	7.2	90	0.00
42	T	Bromodichloromethane	0.688	0.669	2.8	92	0.00
43		Methyl Methacrylate	0.384	0.351	8.6	89	0.00
44	T	2,2,4-Trimethylpentane	1.622	1.499	7.6	90	0.00
45	T	t-1,3-Dichloropropene	0.410	0.382	6.8	88	0.00
46	T	cis-1,3-Dichloropropene	0.522	0.496	5.0	89	0.01
47	T	1,1,2-Trichloroethane	0.362	0.336	7.2	91	0.00
48	T	Dibromochloromethane	0.580	0.564	2.8	93	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 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	0.504	0.483	4.2	89	0.00
50	T	4-Methyl-2-Pentanone	0.939	0.884	5.9	89	0.00
51	T	2-Hexanone	0.749	0.716	4.4	89	0.00
52	T	Tetrachloroethene	0.363	0.315	13.2	91	0.00
53	T	Toluene	1.111	1.034	6.9	90	0.00
54	T	1,2-Dibromoethane	0.510	0.482	5.5	92	0.00
55	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56		1,1,1,2-Tetrachloroethane	0.479	0.456	4.8	92	0.00
57	T	Chlorobenzene	0.913	0.841	7.9	91	0.00
58	T	Ethyl Benzene	1.642	1.548	5.7	91	0.00
59	T	m/p-Xylene	1.295	1.211	6.5	92	0.03
60	T	o-Xylene	1.294	1.195	7.7	91	0.00
61	T	Styrene	0.612	0.586	4.2	90	0.00
62		Isopropylbenzene	1.929	1.780	7.7	91	0.00
63	T	1,1,2,2-Tetrachloroethane	0.680	0.604	11.2	92	0.00
64		n-propylbenzene	0.504	0.475	5.8	93	0.00
65		tert-Butylbenzene	1.715	1.577	8.0	94	0.00
66	T	Benzyl Chloride	0.180	0.159	11.7	76	0.00
67		sec-Butylbenzene	2.390	2.207	7.7	93	0.00
68	S	1-Bromo-4-Fluorobenzene	0.746	0.750	-0.5	91	0.00
69		p-Isopropyltoluene	2.019	1.881	6.8	94	0.00
70		n-Butylbenzene	1.971	1.851	6.1	91	0.00
71		2-Chlorotoluene	1.456	1.357	6.8	92	0.00
72	T	4-Ethyltoluene	1.621	1.522	6.1	93	0.00
73	T	1,3,5-Trimethylbenzene	1.314	1.259	4.2	92	0.00
74	T	1,2,4-Trimethylbenzene	1.451	1.346	7.2	92	0.00
75	T	1,3-Dichlorobenzene	0.900	0.845	6.1	93	0.00
76	T	1,4-Dichlorobenzene	0.894	0.843	5.7	92	0.00
77	T	1,2-Dichlorobenzene	0.856	0.798	6.8	93	0.00
78	T	Hexachloro-1,3-Butadiene	0.670	0.553	17.5	89	0.00
79	T	Naphthalene	1.283	1.310	-2.1	88	0.00
80	T	Naphthalene,2-methyl-	0.396	0.384	3.0	88	0.00
81	T	1,2,4-Trichlorobenzene	0.686	0.676	1.5	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 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	94	0.00
2	T	Dichlorodifluoromethane	10.000	9.204	8.0	93	0.00
3		Chlorodifluoromethane	10.000	9.213	7.9	92	0.00
4		Chloromethane	10.000	8.831	11.7	90	0.00
5	T	Vinyl Chloride	10.000	8.506	14.9	93	0.00
6	T	Bromomethane	10.000	8.529	14.7	94	0.00
7		Chloroethane	10.000	8.894	11.1	91	0.00
8	T	Dichlorotetrafluoroethane	10.000	8.951	10.5	92	0.00
9	T	Propene	10.000	9.079	9.2	91	0.00
10	T	Heptane	10.000	9.141	8.6	89	0.01
11	T	Trichlorofluoromethane	10.000	9.157	8.4	93	0.00
12	T	1,1,2-Trichlorotrifluoroeth	10.000	9.020	9.8	92	0.00
13		Ethanol	10.000	5.842	41.6#	73	0.00
14	T	Bromoethene	10.000	8.785	12.1	90	0.00
15	T	Acetone	10.000	7.557	24.4	93	0.00
16	T	1,3-Butadiene	10.000	8.234	17.7	91	0.00
17		tert-Butyl alcohol	10.000	9.043	9.6	89	0.00
18	T	1,1-Dichloroethene	10.000	8.904	11.0	91	0.00
19	T	Isopropyl Alcohol	10.000	8.644	13.6	88	0.00
20	T	Methylene Chloride	10.000	9.945	0.5	93	0.00
21	T	Allyl Chloride	10.000	9.166	8.3	91	0.00
22	T	trans-1,2-Dichloroethene	10.000	8.845	11.5	90	0.00
23	T	Vinyl Acetate	10.000	9.427	5.7	103	0.00
24	T	1,1-Dichloroethane	10.000	9.003	10.0	92	0.00
25	T	Ethyl Acetate	10.000	9.256	7.4	90	0.00
26	T	Hexane	10.000	9.026	9.7	91	0.00
27	T	Carbon Disulfide	10.000	9.121	8.8	90	0.00
28	T	Methyl tert-Butyl Ether	10.000	9.752	2.5	112	0.00
29	T	Chloroform	10.000	9.583	4.2	95	0.00
30	T	Cyclohexane	10.000	9.286	7.1	91	0.00
31	T	cis-1,2-Dichloroethene	10.000	9.497	5.0	92	0.00
32	T	1,1,1-Trichloroethane	10.000	9.071	9.3	95	0.00
33	I	1,4-Difluorobenzene	10.000	10.000	0.0	94	0.00
34	T	2-Butanone	10.000	9.081	9.2	91	0.00
35	T	Carbon Tetrachloride	10.000	9.479	5.2	95	0.00
36	T	Benzene	10.000	9.416	5.8	92	0.00
37	T	1,2-Dichloroethane	10.000	9.581	4.2	94	0.00
38	T	Trichloroethene	10.000	8.927	10.7	91	0.00
39	T	1,2-Dichloropropane	10.000	9.482	5.2	93	0.00
40	T	1,4-Dioxane	10.000	8.863	11.4	89	0.00
41	T	Tetrahydrofuran	10.000	9.277	7.2	90	0.00
42	T	Bromodichloromethane	10.000	9.721	2.8	92	0.00
43		Methyl Methacrylate	10.000	9.125	8.8	89	0.00
44	T	2,2,4-Trimethylpentane	10.000	9.239	7.6	90	0.00
45	T	t-1,3-Dichloropropene	10.000	9.321	6.8	88	0.00
46	T	cis-1,3-Dichloropropene	10.000	9.490	5.1	89	0.01
47	T	1,1,2-Trichloroethane	10.000	9.279	7.2	91	0.00
48	T	Dibromochloromethane	10.000	9.732	2.7	93	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042957.D
Acq On : 22 Sep 2025 14:15
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL092225

Quant Time: Sep 23 02:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 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	9.589	4.1	89	0.00
50	T	4-Methyl-2-Pentanone	10.000	9.411	5.9	89	0.00
51	T	2-Hexanone	10.000	9.561	4.4	89	0.00
52	T	Tetrachloroethene	10.000	8.678	13.2	91	0.00
53	T	Toluene	10.000	9.306	6.9	90	0.00
54	T	1,2-Dibromoethane	10.000	9.452	5.5	92	0.00
55	I	Chlorobenzene-d5	10.000	10.000	0.0	93	0.00
56		1,1,1,2-Tetrachloroethane	10.000	9.536	4.6	92	0.00
57	T	Chlorobenzene	10.000	9.209	7.9	91	0.00
58	T	Ethyl Benzene	10.000	9.428	5.7	91	0.00
59	T	m/p-Xylene	20.000	18.715	6.4	92	0.03
60	T	o-Xylene	10.000	9.236	7.6	91	0.00
61	T	Styrene	10.000	9.575	4.3	90	0.00
62		Isopropylbenzene	10.000	9.230	7.7	91	0.00
63	T	1,1,2,2-Tetrachloroethane	10.000	8.883	11.2	92	0.00
64		n-propylbenzene	10.000	9.433	5.7	93	0.00
65		tert-Butylbenzene	10.000	9.196	8.0	94	0.00
66	T	Benzyl Chloride	10.000	8.858	11.4	76	0.00
67		sec-Butylbenzene	10.000	9.235	7.7	93	0.00
68	S	1-Bromo-4-Fluorobenzene	10.000	10.043	-0.4	91	0.00
69		p-Isopropyltoluene	10.000	9.316	6.8	94	0.00
70		n-Butylbenzene	10.000	9.392	6.1	91	0.00
71		2-Chlorotoluene	10.000	9.315	6.9	92	0.00
72	T	4-Ethyltoluene	10.000	9.391	6.1	93	0.00
73	T	1,3,5-Trimethylbenzene	10.000	9.582	4.2	92	0.00
74	T	1,2,4-Trimethylbenzene	10.000	9.277	7.2	92	0.00
75	T	1,3-Dichlorobenzene	10.000	9.382	6.2	93	0.00
76	T	1,4-Dichlorobenzene	10.000	9.429	5.7	92	0.00
77	T	1,2-Dichlorobenzene	10.000	9.322	6.8	93	0.00
78	T	Hexachloro-1,3-Butadiene	10.000	8.248	17.5	89	0.00
79	T	Naphthalene	10.000	10.208	-2.1	88	0.00
80	T	Naphthalene,2-methyl-	10.000	9.678	3.2	88	0.00
81	T	1,2,4-Trichlorobenzene	10.000	9.845	1.5	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

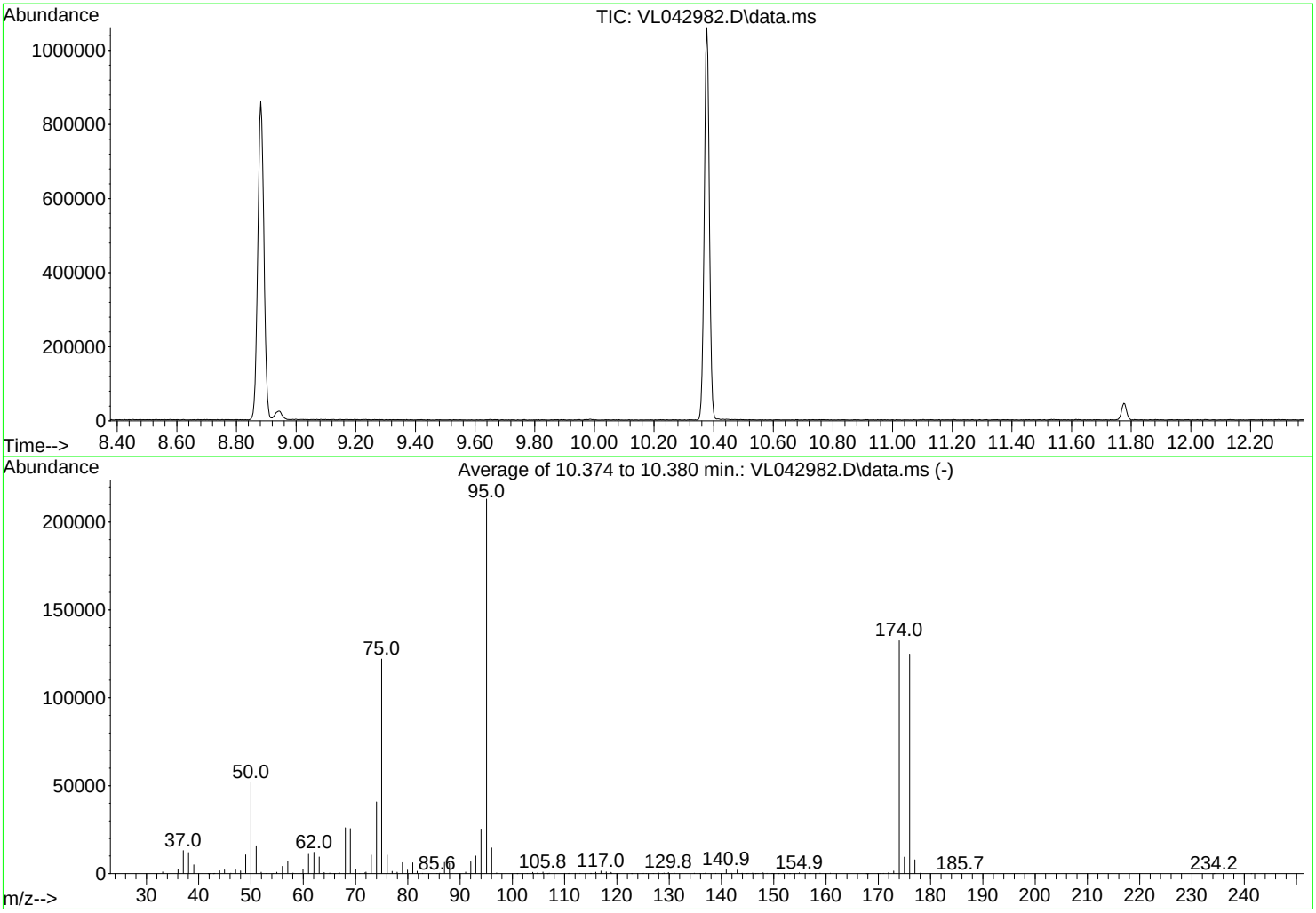
BFB

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042982.D
Acq On : 23 Sep 2025 08:30
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\VL092225AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
Last Update : Tue Sep 23 02:39:16 2025



AutoFind: Scans 3178, 3179, 3180; Background Corrected with Scan 3165

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	24.4	52027	PASS
75	95	30	66	57.3	122083	PASS
95	95	100	100	100.0	213141	PASS
96	95	5	9	6.9	14633	PASS
173	174	0.00	2	1.1	1487	PASS
174	95	50	120	62.2	132544	PASS
175	174	4	9	7.1	9369	PASS
176	174	93	101	94.3	124939	PASS
177	176	5	9	6.3	7833	PASS

Average of 10.374 to 10.380 min.: VL042982.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
33.10	1015	44.95	2127	56.00	4143	66.95	41
36.05	2397	46.15	210	57.05	7144	68.05	2612
37.05	13103	47.05	2101	58.05	345	69.00	2561
38.05	11973	48.00	1573	59.95	2498	70.05	232
39.05	5025	49.00	10713	61.00	10975	70.80	72
40.80	49	50.00	52027	62.05	12162	71.80	450
41.80	23	51.00	15871	63.05	9491	72.00	885
42.00	32	51.95	788	64.00	671	73.00	10564
42.80	29	52.95	56	65.05	355	74.00	40773
43.10	156	54.20	66	65.90	44	75.00	122083
44.00	1612	54.95	780	66.80	218	76.05	10589

Instrument :
MSVOA_L
ClientSampleId :
BFB

Average of 10.374 to 10.380 min.: VL042982.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
77.00	1278	91.05	890	105.85	864	116.95	1446
77.95	852	92.05	6751	106.70	39	117.95	942
78.95	6271	93.00	10004	107.05	271	118.80	757
79.95	2066	94.00	25363	110.00	159	119.00	367
80.95	6188	95.05	213141	110.70	79	122.80	25
81.80	1379	96.05	14633	110.90	179	123.95	108
82.85	197	97.00	395	112.05	180	125.05	149
85.60	61	100.90	40	112.95	160	125.60	110
86.10	257	102.85	86	114.90	190	126.95	61
87.00	6377	103.90	747	115.10	161	127.90	575
87.95	5949	104.80	290	115.95	793	128.70	89

Average of 10.374 to 10.380 min.: VL042982.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
129.00	365	143.00	2024	149.70	187	158.05	51
129.85	662	143.80	48	149.90	46	158.85	275
130.95	378	143.95	257	150.90	47	160.85	219
134.80	275	144.70	32	151.75	144	167.70	46
135.90	64	145.10	200	152.65	94	168.00	31
136.60	92	145.95	297	153.00	47	169.90	50
136.95	365	146.50	27	154.05	97	170.10	52
138.90	133	146.85	97	154.90	531	170.40	57
139.95	78	147.10	68	156.00	158	170.95	168
140.90	2279	147.95	516	156.80	78	171.95	471
141.90	285	148.70	176	157.00	156	172.95	1487

Average of 10.374 to 10.380 min.: VL042982.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
174.00	132544						
175.00	9369						
176.00	124939						
177.00	7833						
178.00	228						
185.70	21						
234.20	24						
241.30	17						

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042983.D
Acq On : 23 Sep 2025 09:14
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Sep 24 02:04:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.793	49	140159	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	397606	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.888	117	356928	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	285330	10.709	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	187032	9.921	ppbv	95
3) Chlorodifluoromethane	1.479	51	226561	9.643	ppbv	97
4) Chloromethane	1.534	50	78049	9.147	ppbv	99
5) Vinyl Chloride	1.583	62	67278	8.722	ppbv	100
6) Bromomethane	1.670	94	24422	8.975	ppbv	96
7) Chloroethane	1.709	64	26802	8.948	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	151817	9.434	ppbv	100
9) Propene	1.486	41	83019	8.122	ppbv	96
10) Heptane	4.991	43	242117	8.876	ppbv	99
11) Trichlorofluoromethane	1.881	101	185063	10.181	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.143	101	144385	9.809	ppbv	99
13) Ethanol	1.725	45	6504	6.559	ppbv	96
14) Bromoethene	1.787	108	51728	9.295	ppbv	98
15) Acetone	1.839	43	146605	8.031	ppbv	98
16) 1,3-Butadiene	1.612	39	74090	8.604	ppbv	97
17) tert-Butyl alcohol	2.043	59	167840	8.383	ppbv	100
18) 1,1-Dichloroethene	2.039	96	63829	9.368	ppbv	99
19) Isopropyl Alcohol	1.890	45	94735	8.633	ppbv	95
20) Methylene Chloride	2.065	84	55766	10.264	ppbv	96
21) Allyl Chloride	2.101	41	117413	9.235	ppbv	97
22) trans-1,2-Dichloroethene	2.344	96	71690	9.260	ppbv	97
23) Vinyl Acetate	2.467	43	230988	8.857	ppbv #	98
24) 1,1-Dichloroethane	2.415	63	145685	9.596	ppbv	99
25) Ethyl Acetate	2.839	43	423103	9.170	ppbv	99
26) Hexane	2.832	57	188410	8.959	ppbv	98
27) Carbon Disulfide	2.156	76	170121	9.019	ppbv	96
28) Methyl tert-Butyl Ether	2.444	73	91757	8.393	ppbv	95
29) Chloroform	2.855	83	281560	10.239	ppbv	99
30) Cyclohexane	3.862	84	158650	9.022	ppbv	97
31) cis-1,2-Dichloroethene	2.725	61	188239	9.555	ppbv	100
32) 1,1,1-Trichloroethane	3.373	97	274087	9.228	ppbv	99
34) 2-Butanone	2.560	43	279284	10.023	ppbv	99
35) Carbon Tetrachloride	3.771	117	279346	10.791	ppbv	98
36) Benzene	3.664	78	373905	10.014	ppbv	99
37) 1,2-Dichloroethane	3.224	62	224338	11.424	ppbv	97
38) Trichloroethene	4.557	130	174937	9.427	ppbv	92
39) 1,2-Dichloropropane	4.324	63	138847	10.186	ppbv	87
40) 1,4-Dioxane	4.587	88	58847	9.285	ppbv #	97
41) Tetrahydrofuran	3.059	42	152129	9.498	ppbv	100
42) Bromodichloromethane	4.499	83	297856	10.891	ppbv	97
43) Methyl Methacrylate	4.891	69	143508	9.394	ppbv	99
44) 2,2,4-Trimethylpentane	4.648	57	637574	9.887	ppbv	97
45) t-1,3-Dichloropropene	6.428	75	149384	9.169	ppbv	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042983.D
Acq On : 23 Sep 2025 09:14
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Sep 24 02:04:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

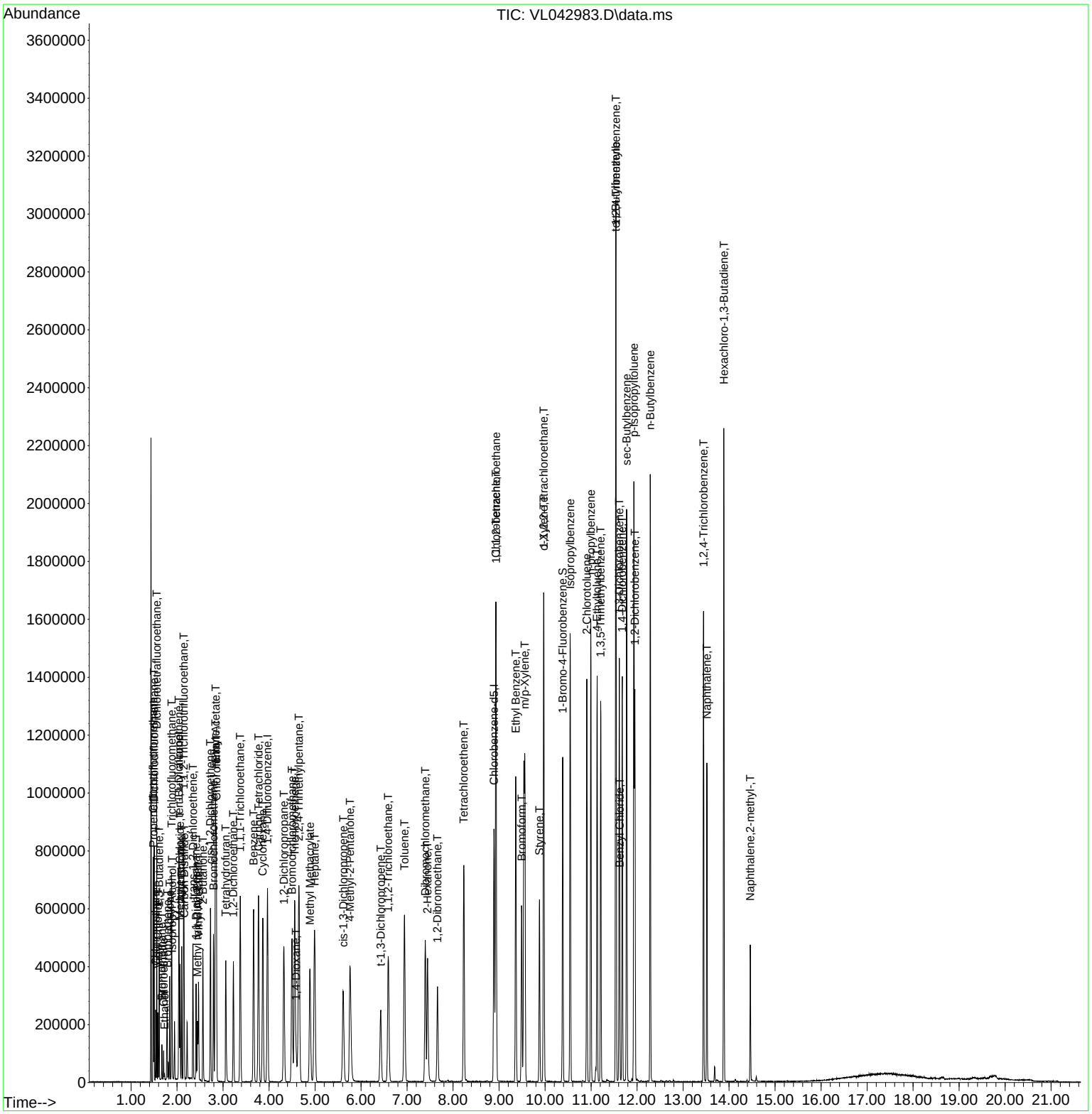
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	197209	9.498	ppbv		96
47) 1,1,2-Trichloroethane	6.590	97	146175	10.149	ppbv		97
48) Dibromochloromethane	7.396	129	241948	10.500	ppbv		99
49) Bromoform	9.490	173	201373	10.047	ppbv		100
50) 4-Methyl-2-Pentanone	5.758	43	371641	9.951	ppbv		99
51) 2-Hexanone	7.444	43	299396	10.057	ppbv	#	97
52) Tetrachloroethene	8.231	164	130498	9.033	ppbv		97
53) Toluene	6.943	91	424755	9.612	ppbv		100
54) 1,2-Dibromoethane	7.661	107	210744	10.396	ppbv		96
56) 1,1,1,2-Tetrachloroethane	8.933	131	181159	10.604	ppbv		98
57) Chlorobenzene	8.930	112	332694	10.210	ppbv		99
58) Ethyl Benzene	9.364	91	602544	10.281	ppbv		98
59) m/p-Xylene	9.558	91	964478m	20.873	ppbv		
60) o-Xylene	9.972	91	484224	10.485	ppbv		99
61) Styrene	9.878	104	212504	9.728	ppbv		97
62) Isopropylbenzene	10.545	105	703444	10.219	ppbv		99
63) 1,1,2,2-Tetrachloroethane	9.969	83	246998	10.175	ppbv		100
64) n-propylbenzene	10.995	120	181920	10.113	ppbv		94
65) tert-Butylbenzene	11.536	119	612510	10.004	ppbv		97
66) Benzyl Chloride	11.623	91	38429	5.982	ppbv		98
67) sec-Butylbenzene	11.772	105	877873	10.290	ppbv		98
69) p-Isopropyltoluene	11.930	119	733573	10.179	ppbv		98
70) n-Butylbenzene	12.286	91	744721	10.584	ppbv		99
71) 2-Chlorotoluene	10.908	91	531933	10.234	ppbv		98
72) 4-Ethyltoluene	11.131	105	592733	10.248	ppbv		98
73) 1,3,5-Trimethylbenzene	11.209	105	491234	10.472	ppbv		97
74) 1,2,4-Trimethylbenzene	11.542	105	545008	10.521	ppbv		96
75) 1,3-Dichlorobenzene	11.613	146	327787	10.203	ppbv		99
76) 1,4-Dichlorobenzene	11.678	146	328439	10.293	ppbv		98
77) 1,2-Dichlorobenzene	11.953	146	313228	10.247	ppbv		99
78) Hexachloro-1,3-Butadiene	13.885	225	214126	8.956	ppbv		99
79) Naphthalene	13.516	128	503948	11.001	ppbv		99
80) Naphthalene,2-methyl-	14.462	142	125827	8.892	ppbv		95
81) 1,2,4-Trichlorobenzene	13.445	180	261685	10.684	ppbv		100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042983.D
Acq On : 23 Sep 2025 09:14
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Sep 24 02:04:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042983.D
Acq On : 23 Sep 2025 09:14
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

Quant Time: Sep 24 02:04:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 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	82	0.00
2	T	Dichlorodifluoromethane	1.345	1.334	0.8	88	0.00
3		Chlorodifluoromethane	1.676	1.616	3.6	84	0.00
4		Chloromethane	0.609	0.557	8.5	82	0.00
5	T	Vinyl Chloride	0.550	0.480	12.7	84	0.00
6	T	Bromomethane	0.194	0.174	10.3	86	0.00
7		Chloroethane	0.214	0.191	10.7	80	0.00
8	T	Dichlorotetrafluoroethane	1.148	1.083	5.7	85	0.00
9	T	Propene	0.729	0.592	18.8	71	0.00
10	T	Heptane	1.946	1.727	11.3	76	0.02
11	T	Trichlorofluoromethane	1.297	1.320	-1.8	90	0.00
12	T	1,1,2-Trichlorotrifluoroeth	1.050	1.030	1.9	88	0.00
13		Ethanol	0.071	0.046#	35.2#	72	0.00
14	T	Bromoethene	0.397	0.369	7.1	84	0.00
15	T	Acetone	1.302	1.046	19.7	86	0.00
16	T	1,3-Butadiene	0.614	0.529	13.8	83	0.00
17		tert-Butyl alcohol	1.429	1.197	16.2	73	0.00
18	T	1,1-Dichloroethene	0.486	0.455	6.4	84	0.00
19	T	Isopropyl Alcohol	0.783	0.676	13.7	77	0.00
20	T	Methylene Chloride	0.545	0.398	27.0	84	0.00
21	T	Allyl Chloride	0.907	0.838	7.6	80	0.00
22	T	trans-1,2-Dichloroethene	0.552	0.511	7.4	83	0.00
23	T	Vinyl Acetate	1.861	1.648	11.4	85	0.00
24	T	1,1-Dichloroethane	1.083	1.039	4.1	86	0.00
25	T	Ethyl Acetate	3.292	3.019	8.3	79	0.00
26	T	Hexane	1.501	1.344	10.5	79	0.00
27	T	Carbon Disulfide	1.346	1.214	9.8	78	0.00
28	T	Methyl tert-Butyl Ether	0.780	0.655	16.0	84	0.00
29	T	Chloroform	1.962	2.009	-2.4	89	0.00
30	T	Cyclohexane	1.255	1.132	9.8	78	0.00
31	T	cis-1,2-Dichloroethene	1.406	1.343	4.5	81	0.00
32	T	1,1,1-Trichloroethane	2.119	1.956	7.7	84	0.00
33	I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.01
34	T	2-Butanone	0.701	0.702	-0.1	81	0.00
35	T	Carbon Tetrachloride	0.651	0.703	-8.0	87	0.02
36	T	Benzene	0.939	0.940	-0.1	79	0.01
37	T	1,2-Dichloroethane	0.494	0.564	-14.2	91	0.00
38	T	Trichloroethene	0.467	0.440	5.8	78	0.02
39	T	1,2-Dichloropropane	0.343	0.349	-1.7	81	0.02
40	T	1,4-Dioxane	0.159	0.148	6.9	76	0.02
41	T	Tetrahydrofuran	0.403	0.383	5.0	74	0.01
42	T	Bromodichloromethane	0.688	0.749	-8.9	83	0.02
43		Methyl Methacrylate	0.384	0.361	6.0	74	0.02
44	T	2,2,4-Trimethylpentane	1.622	1.604	1.1	77	0.02
45	T	t-1,3-Dichloropropene	0.410	0.376	8.3	69	0.02
46	T	cis-1,3-Dichloropropene	0.522	0.496	5.0	72	0.02
47	T	1,1,2-Trichloroethane	0.362	0.368	-1.7	81	0.02
48	T	Dibromochloromethane	0.580	0.609	-5.0	81	0.01

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042983.D
Acq On : 23 Sep 2025 09:14
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

Quant Time: Sep 24 02:04:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 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	0.504	0.506	-0.4	75	0.00
50	T	4-Methyl-2-Pentanone	0.939	0.935	0.4	76	0.02
51	T	2-Hexanone	0.749	0.753	-0.5	76	0.02
52	T	Tetrachloroethene	0.363	0.328	9.6	76	0.01
53	T	Toluene	1.111	1.068	3.9	75	0.02
54	T	1,2-Dibromoethane	0.510	0.530	-3.9	82	0.02
55	I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.01
56		1,1,1,2-Tetrachloroethane	0.479	0.508	-6.1	81	0.01
57	T	Chlorobenzene	0.913	0.932	-2.1	80	0.01
58	T	Ethyl Benzene	1.642	1.688	-2.8	79	0.02
59	T	m/p-Xylene	1.295	1.351	-4.3	81	0.03
60	T	o-Xylene	1.294	1.357	-4.9	81	0.01
61	T	Styrene	0.612	0.595	2.8	72	0.01
62		Isopropylbenzene	1.929	1.971	-2.2	80	0.00
63	T	1,1,2,2-Tetrachloroethane	0.680	0.692	-1.8	83	0.01
64		n-propylbenzene	0.504	0.510	-1.2	79	0.00
65		tert-Butylbenzene	1.715	1.716	-0.1	81	0.00
66	T	Benzyl Chloride	0.180	0.108	40.0#	40	0.01
67		sec-Butylbenzene	2.390	2.460	-2.9	82	0.00
68	S	1-Bromo-4-Fluorobenzene	0.746	0.799	-7.1	77	0.01
69		p-Isopropyltoluene	2.019	2.055	-1.8	81	0.00
70		n-Butylbenzene	1.971	2.086	-5.8	81	0.00
71		2-Chlorotoluene	1.456	1.490	-2.3	80	0.01
72	T	4-Ethyltoluene	1.621	1.661	-2.5	80	0.00
73	T	1,3,5-Trimethylbenzene	1.314	1.376	-4.7	80	0.00
74	T	1,2,4-Trimethylbenzene	1.451	1.527	-5.2	83	0.00
75	T	1,3-Dichlorobenzene	0.900	0.918	-2.0	80	0.00
76	T	1,4-Dichlorobenzene	0.894	0.920	-2.9	80	0.00
77	T	1,2-Dichlorobenzene	0.856	0.878	-2.6	81	0.00
78	T	Hexachloro-1,3-Butadiene	0.670	0.600	10.4	76	0.00
79	T	Naphthalene	1.283	1.412	-10.1	75	0.00
80	T	Naphthalene,2-methyl-	0.396	0.353	10.9	64	0.00
81	T	1,2,4-Trichlorobenzene	0.686	0.733	-6.9	75	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042983.D
Acq On : 23 Sep 2025 09:14
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

Quant Time: Sep 24 02:04:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 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	82	0.00
2	T	Dichlorodifluoromethane	10.000	9.921	0.8	88	0.00
3		Chlorodifluoromethane	10.000	9.643	3.6	84	0.00
4		Chloromethane	10.000	9.147	8.5	82	0.00
5	T	Vinyl Chloride	10.000	8.722	12.8	84	0.00
6	T	Bromomethane	10.000	8.975	10.3	86	0.00
7		Chloroethane	10.000	8.948	10.5	80	0.00
8	T	Dichlorotetrafluoroethane	10.000	9.434	5.7	85	0.00
9	T	Propene	10.000	8.122	18.8	71	0.00
10	T	Heptane	10.000	8.876	11.2	76	0.02
11	T	Trichlorofluoromethane	10.000	10.181	-1.8	90	0.00
12	T	1,1,2-Trichlorotrifluoroeth	10.000	9.809	1.9	88	0.00
13		Ethanol	10.000	6.559	34.4#	72	0.00
14	T	Bromoethene	10.000	9.295	7.1	84	0.00
15	T	Acetone	10.000	8.031	19.7	86	0.00
16	T	1,3-Butadiene	10.000	8.604	14.0	83	0.00
17		tert-Butyl alcohol	10.000	8.383	16.2	73	0.00
18	T	1,1-Dichloroethene	10.000	9.368	6.3	84	0.00
19	T	Isopropyl Alcohol	10.000	8.633	13.7	77	0.00
20	T	Methylene Chloride	10.000	10.264	-2.6	84	0.00
21	T	Allyl Chloride	10.000	9.235	7.7	80	0.00
22	T	trans-1,2-Dichloroethene	10.000	9.260	7.4	83	0.00
23	T	Vinyl Acetate	10.000	8.857	11.4	85	0.00
24	T	1,1-Dichloroethane	10.000	9.596	4.0	86	0.00
25	T	Ethyl Acetate	10.000	9.170	8.3	79	0.00
26	T	Hexane	10.000	8.959	10.4	79	0.00
27	T	Carbon Disulfide	10.000	9.019	9.8	78	0.00
28	T	Methyl tert-Butyl Ether	10.000	8.393	16.1	84	0.00
29	T	Chloroform	10.000	10.239	-2.4	89	0.00
30	T	Cyclohexane	10.000	9.022	9.8	78	0.00
31	T	cis-1,2-Dichloroethene	10.000	9.555	4.5	81	0.00
32	T	1,1,1-Trichloroethane	10.000	9.228	7.7	84	0.00
33	I	1,4-Difluorobenzene	10.000	10.000	0.0	75	0.01
34	T	2-Butanone	10.000	10.023	-0.2	81	0.00
35	T	Carbon Tetrachloride	10.000	10.791	-7.9	87	0.02
36	T	Benzene	10.000	10.014	-0.1	79	0.01
37	T	1,2-Dichloroethane	10.000	11.424	-14.2	91	0.00
38	T	Trichloroethene	10.000	9.427	5.7	78	0.02
39	T	1,2-Dichloropropane	10.000	10.186	-1.9	81	0.02
40	T	1,4-Dioxane	10.000	9.285	7.1	76	0.02
41	T	Tetrahydrofuran	10.000	9.498	5.0	74	0.01
42	T	Bromodichloromethane	10.000	10.891	-8.9	83	0.02
43		Methyl Methacrylate	10.000	9.394	6.1	74	0.02
44	T	2,2,4-Trimethylpentane	10.000	9.887	1.1	77	0.02
45	T	t-1,3-Dichloropropene	10.000	9.169	8.3	69	0.02
46	T	cis-1,3-Dichloropropene	10.000	9.498	5.0	72	0.02
47	T	1,1,2-Trichloroethane	10.000	10.149	-1.5	81	0.02
48	T	Dibromochloromethane	10.000	10.500	-5.0	81	0.01

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042983.D
Acq On : 23 Sep 2025 09:14
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

Quant Time: Sep 24 02:04:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 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	10.047	-0.5	75	0.00
50	T	4-Methyl-2-Pentanone	10.000	9.951	0.5	76	0.02
51	T	2-Hexanone	10.000	10.057	-0.6	76	0.02
52	T	Tetrachloroethene	10.000	9.033	9.7	76	0.01
53	T	Toluene	10.000	9.612	3.9	75	0.02
54	T	1,2-Dibromoethane	10.000	10.396	-4.0	82	0.02
55	I	Chlorobenzene-d5	10.000	10.000	0.0	73	0.01
56		1,1,1,2-Tetrachloroethane	10.000	10.604	-6.0	81	0.01
57	T	Chlorobenzene	10.000	10.210	-2.1	80	0.01
58	T	Ethyl Benzene	10.000	10.281	-2.8	79	0.02
59	T	m/p-Xylene	20.000	20.873	-4.4	81	0.03
60	T	o-Xylene	10.000	10.485	-4.8	81	0.01
61	T	Styrene	10.000	9.728	2.7	72	0.01
62		Isopropylbenzene	10.000	10.219	-2.2	80	0.00
63	T	1,1,2,2-Tetrachloroethane	10.000	10.175	-1.8	83	0.01
64		n-propylbenzene	10.000	10.113	-1.1	79	0.00
65		tert-Butylbenzene	10.000	10.004	-0.0	81	0.00
66	T	Benzyl Chloride	10.000	5.982	40.2#	40	0.01
67		sec-Butylbenzene	10.000	10.290	-2.9	82	0.00
68	S	1-Bromo-4-Fluorobenzene	10.000	10.709	-7.1	77	0.01
69		p-Isopropyltoluene	10.000	10.179	-1.8	81	0.00
70		n-Butylbenzene	10.000	10.584	-5.8	81	0.00
71		2-Chlorotoluene	10.000	10.234	-2.3	80	0.01
72	T	4-Ethyltoluene	10.000	10.248	-2.5	80	0.00
73	T	1,3,5-Trimethylbenzene	10.000	10.472	-4.7	80	0.00
74	T	1,2,4-Trimethylbenzene	10.000	10.521	-5.2	83	0.00
75	T	1,3-Dichlorobenzene	10.000	10.203	-2.0	80	0.00
76	T	1,4-Dichlorobenzene	10.000	10.293	-2.9	80	0.00
77	T	1,2-Dichlorobenzene	10.000	10.247	-2.5	81	0.00
78	T	Hexachloro-1,3-Butadiene	10.000	8.956	10.4	76	0.00
79	T	Naphthalene	10.000	11.001	-10.0	75	0.00
80	T	Naphthalene,2-methyl-	10.000	8.892	11.1	64	0.00
81	T	1,2,4-Trichlorobenzene	10.000	10.684	-6.8	75	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042984.D
Acq On : 23 Sep 2025 10:01
Operator : SY/MD
Sample : VL0923ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0923ABL01

Quant Time: Sep 24 02:05:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

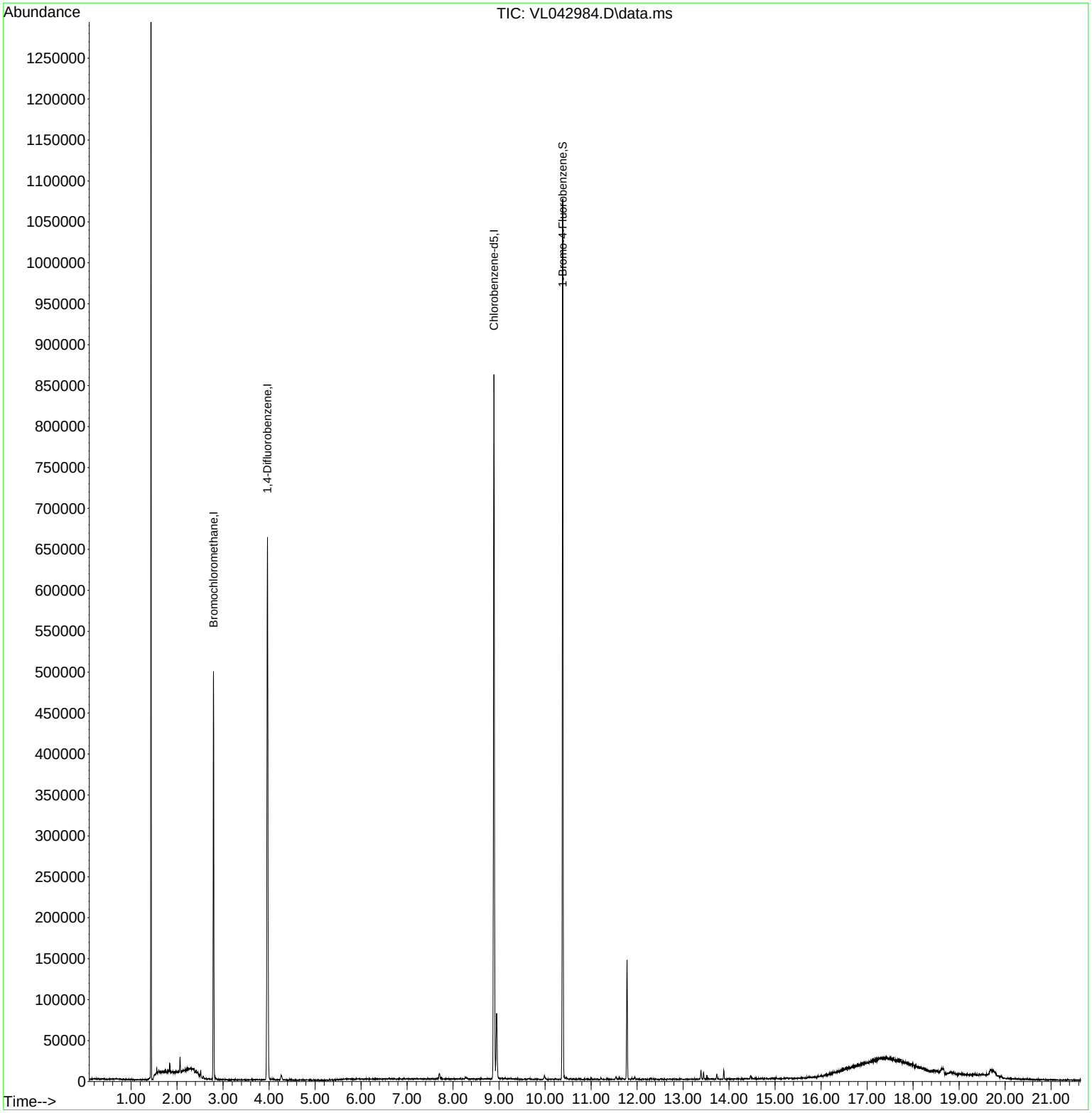
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.794	49	140749	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	395903	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.888	117	343517	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	271935	10.605	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.000%			
Target Compounds						Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042984.D
Acq On : 23 Sep 2025 10:01
Operator : SY/MD
Sample : VL0923ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0923ABL01

Quant Time: Sep 24 02:05:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042985.D
Acq On : 23 Sep 2025 10:46
Operator : SY/MD
Sample : VL0923ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0923ABS01

Quant Time: Sep 24 02:05:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	141345	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.958	114	400881	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	355060	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	285118	10.757	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	189707	9.979	ppbv	98
3) Chlorodifluoromethane	1.476	51	229022	9.665	ppbv	96
4) Chloromethane	1.534	50	80187	9.319	ppbv	99
5) Vinyl Chloride	1.580	62	68503	8.806	ppbv	98
6) Bromomethane	1.667	94	24823	9.046	ppbv	97
7) Chloroethane	1.706	64	27737	9.182	ppbv	99
8) Dichlorotetrafluoroethane	1.554	85	155561	9.585	ppbv	99
9) Propene	1.482	41	83859	8.135	ppbv	96
10) Heptane	4.981	43	244830	8.900	ppbv	99
11) Trichlorofluoromethane	1.877	101	187304	10.218	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	145246	9.785	ppbv	100
13) Ethanol	1.722	45	6053	6.053	ppbv	93
14) Bromoethene	1.783	108	52420	9.341	ppbv	99
15) Acetone	1.835	43	151197	8.213	ppbv	95
16) 1,3-Butadiene	1.609	39	75511	8.696	ppbv	95
17) tert-Butyl alcohol	2.039	59	167211	8.281	ppbv	99
18) 1,1-Dichloroethene	2.036	96	65099	9.475	ppbv	98
19) Isopropyl Alcohol	1.887	45	91978	8.311	ppbv	95
20) Methylene Chloride	2.062	84	56301	10.276	ppbv	99
21) Allyl Chloride	2.097	41	119358	9.310	ppbv	95
22) trans-1,2-Dichloroethene	2.340	96	74438	9.534	ppbv	97
23) Vinyl Acetate	2.463	43	213995	8.137	ppbv #	98
24) 1,1-Dichloroethane	2.408	63	146400	9.562	ppbv	98
25) Ethyl Acetate	2.835	43	424873	9.132	ppbv	99
26) Hexane	2.826	57	189786	8.948	ppbv	98
27) Carbon Disulfide	2.149	76	171644	9.023	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	84694	7.682	ppbv	95
29) Chloroform	2.848	83	283787	10.233	ppbv	99
30) Cyclohexane	3.855	84	158294	8.927	ppbv	98
31) cis-1,2-Dichloroethene	2.722	61	189377	9.532	ppbv	98
32) 1,1,1-Trichloroethane	3.369	97	273236	9.122	ppbv	98
34) 2-Butanone	2.557	43	277525	9.878	ppbv	100
35) Carbon Tetrachloride	3.764	117	284218	10.890	ppbv	99
36) Benzene	3.657	78	374729	9.954	ppbv	97
37) 1,2-Dichloroethane	3.217	62	225333	11.381	ppbv	97
38) Trichloroethene	4.548	130	175469	9.379	ppbv	95
39) 1,2-Dichloropropane	4.315	63	137775	10.025	ppbv	94
40) 1,4-Dioxane	4.577	88	56926	8.908	ppbv #	99
41) Tetrahydrofuran	3.052	42	153071	9.479	ppbv	99
42) Bromodichloromethane	4.489	83	301564	10.937	ppbv	98
43) Methyl Methacrylate	4.878	69	143822	9.338	ppbv	99
44) 2,2,4-Trimethylpentane	4.641	57	644168	9.907	ppbv	97
45) t-1,3-Dichloropropene	6.415	75	146403	8.913	ppbv	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042985.D
Acq On : 23 Sep 2025 10:46
Operator : SY/MD
Sample : VL0923ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0923ABS01

Quant Time: Sep 24 02:05:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	199882	9.548	ppbv		98
47) 1,1,2-Trichloroethane	6.580	97	146862	10.114	ppbv		98
48) Dibromochloromethane	7.389	129	239646	10.315	ppbv		100
49) Bromoform	9.487	173	200469	9.920	ppbv		99
50) 4-Methyl-2-Pentanone	5.748	43	376317	9.994	ppbv		98
51) 2-Hexanone	7.438	43	296793	9.888	ppbv	#	96
52) Tetrachloroethene	8.228	164	129889	8.917	ppbv		97
53) Toluene	6.933	91	429817	9.647	ppbv		100
54) 1,2-Dibromoethane	7.655	107	207545	10.155	ppbv		99
56) 1,1,1,2-Tetrachloroethane	8.927	131	178090	10.479	ppbv		99
57) Chlorobenzene	8.924	112	334709	10.326	ppbv		97
58) Ethyl Benzene	9.357	91	594235	10.192	ppbv		99
59) m/p-Xylene	9.551	91	960667m	20.900	ppbv		
60) o-Xylene	9.966	91	478503	10.416	ppbv		99
61) Styrene	9.872	104	213951	9.846	ppbv		99
62) Isopropylbenzene	10.542	105	701023	10.237	ppbv		99
63) 1,1,2,2-Tetrachloroethane	9.962	83	246097	10.192	ppbv		99
64) n-propylbenzene	10.992	120	182650	10.207	ppbv		96
65) tert-Butylbenzene	11.532	119	617982	10.146	ppbv		99
66) Benzyl Chloride	11.616	91	37909	5.932	ppbv		96
67) sec-Butylbenzene	11.769	105	870866	10.261	ppbv		98
69) p-Isopropyltoluene	11.927	119	731903	10.209	ppbv		98
70) n-Butylbenzene	12.283	91	755608	10.795	ppbv		98
71) 2-Chlorotoluene	10.901	91	536204	10.370	ppbv		97
72) 4-Ethyltoluene	11.124	105	591673	10.283	ppbv		99
73) 1,3,5-Trimethylbenzene	11.205	105	488186	10.461	ppbv		99
74) 1,2,4-Trimethylbenzene	11.539	105	537697	10.434	ppbv		94
75) 1,3-Dichlorobenzene	11.607	146	320019	10.013	ppbv		98
76) 1,4-Dichlorobenzene	11.671	146	325338	10.250	ppbv		99
77) 1,2-Dichlorobenzene	11.947	146	313262	10.302	ppbv		99
78) Hexachloro-1,3-Butadiene	13.882	225	213384	8.972	ppbv		99
79) Naphthalene	13.513	128	492107	10.799	ppbv		99
80) Naphthalene,2-methyl-	14.458	142	129885	9.227	ppbv		98
81) 1,2,4-Trichlorobenzene	13.439	180	258061	10.592	ppbv		99

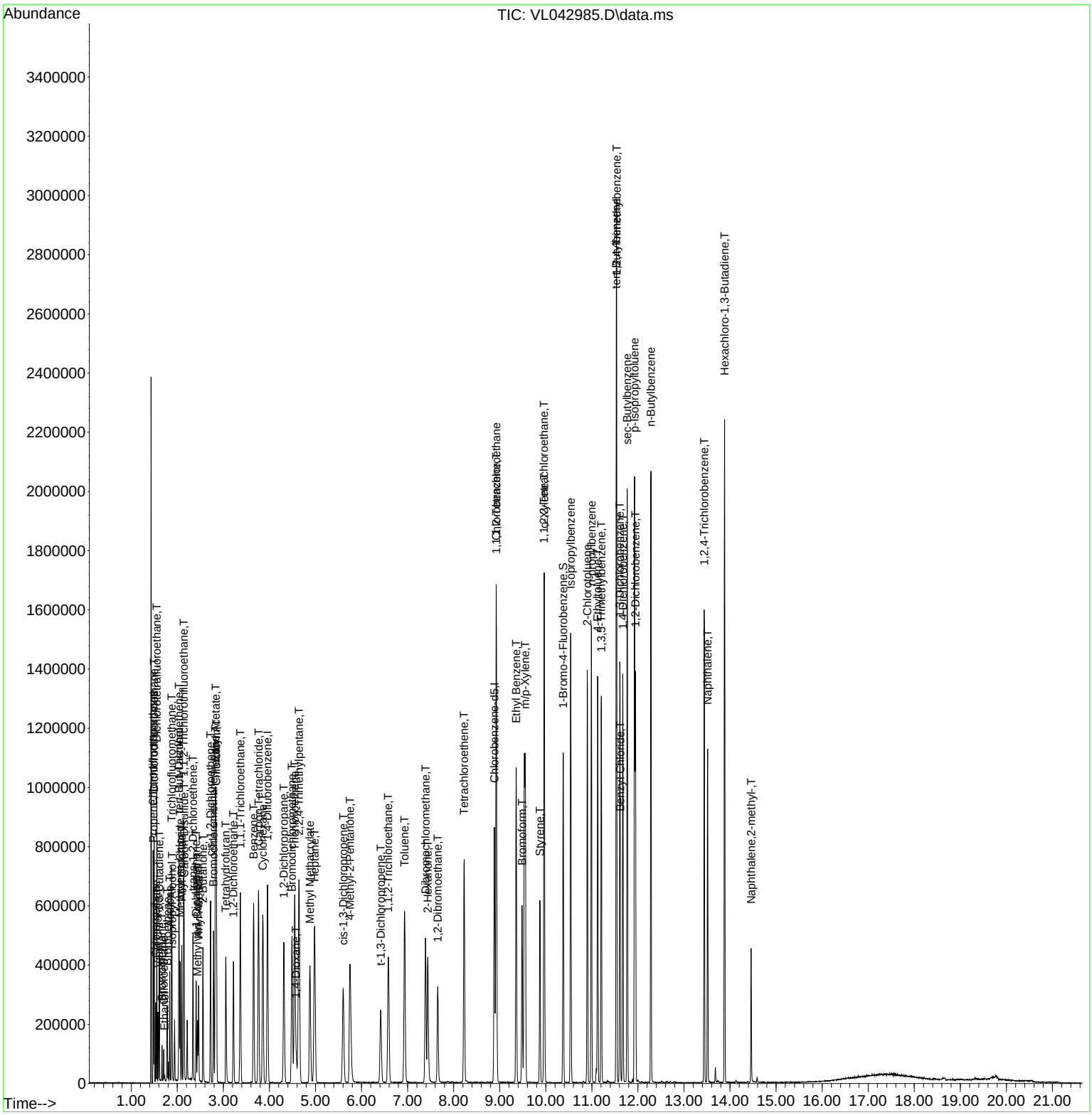
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042985.D
Acq On : 23 Sep 2025 10:46
Operator : SY/MD
Sample : VL0923ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0923ABS01

Quant Time: Sep 24 02:05:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042986.D
Acq On : 23 Sep 2025 11:40
Operator : SY/MD
Sample : CAN 10147
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10147

Quant Time: Sep 24 02:06:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

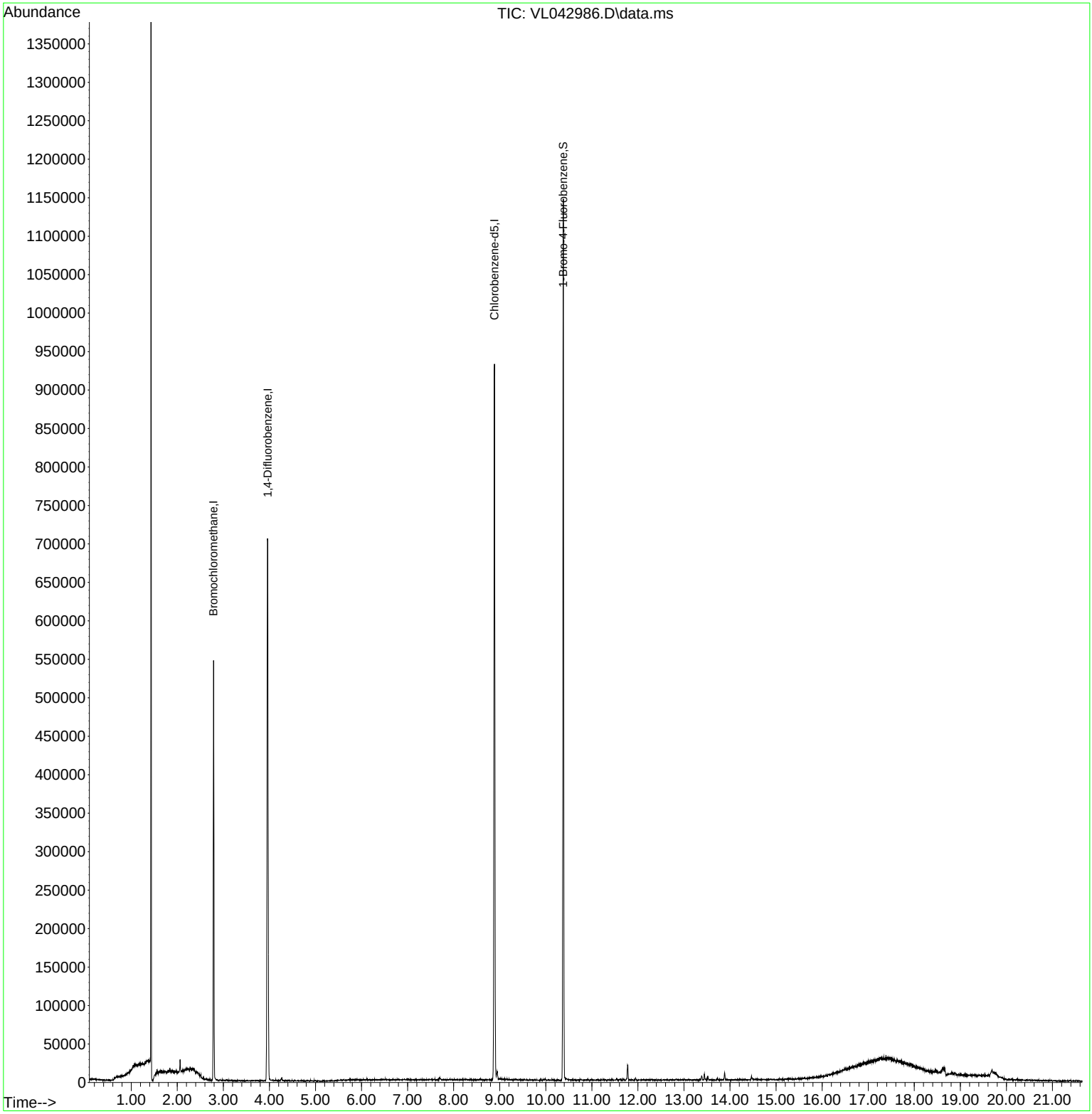
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	154371	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	426080	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	377171	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	285367	10.136	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.400%			
Target Compounds						Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042986.D
Acq On : 23 Sep 2025 11:40
Operator : SY/MD
Sample : CAN 10147
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10147

Quant Time: Sep 24 02:06:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042987.D
Acq On : 23 Sep 2025 12:15
Operator : SY/MD
Sample : CAN 10136
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10136

Quant Time: Sep 24 02:07:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

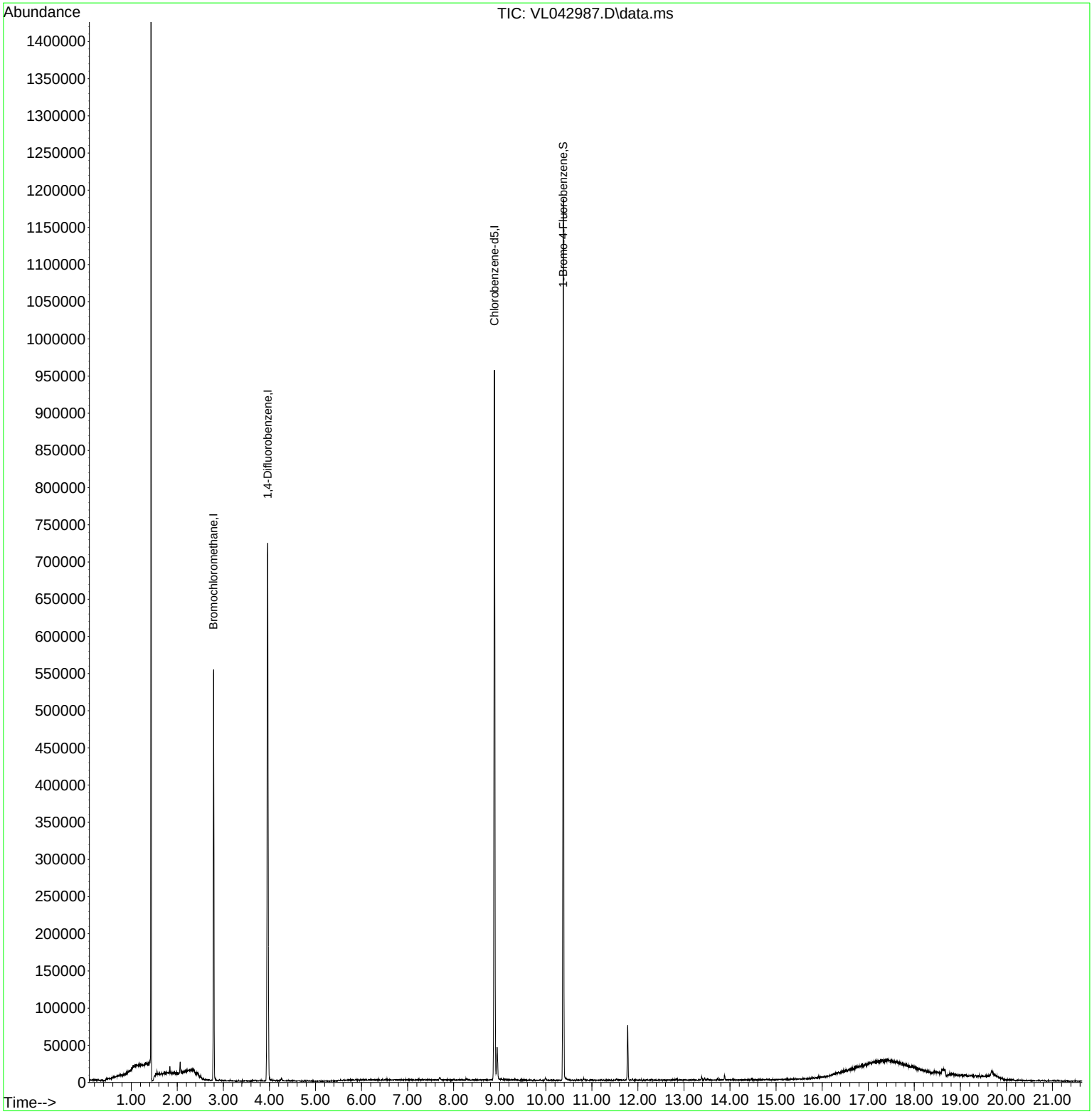
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	153643	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	426826	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	380214	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	292681	10.312	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.100%			
Target Compounds						Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042987.D
Acq On : 23 Sep 2025 12:15
Operator : SY/MD
Sample : CAN 10136
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10136

Quant Time: Sep 24 02:07:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042988.D
Acq On : 23 Sep 2025 12:50
Operator : SY/MD
Sample : CAN 10684
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10684

Quant Time: Sep 24 02:07:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

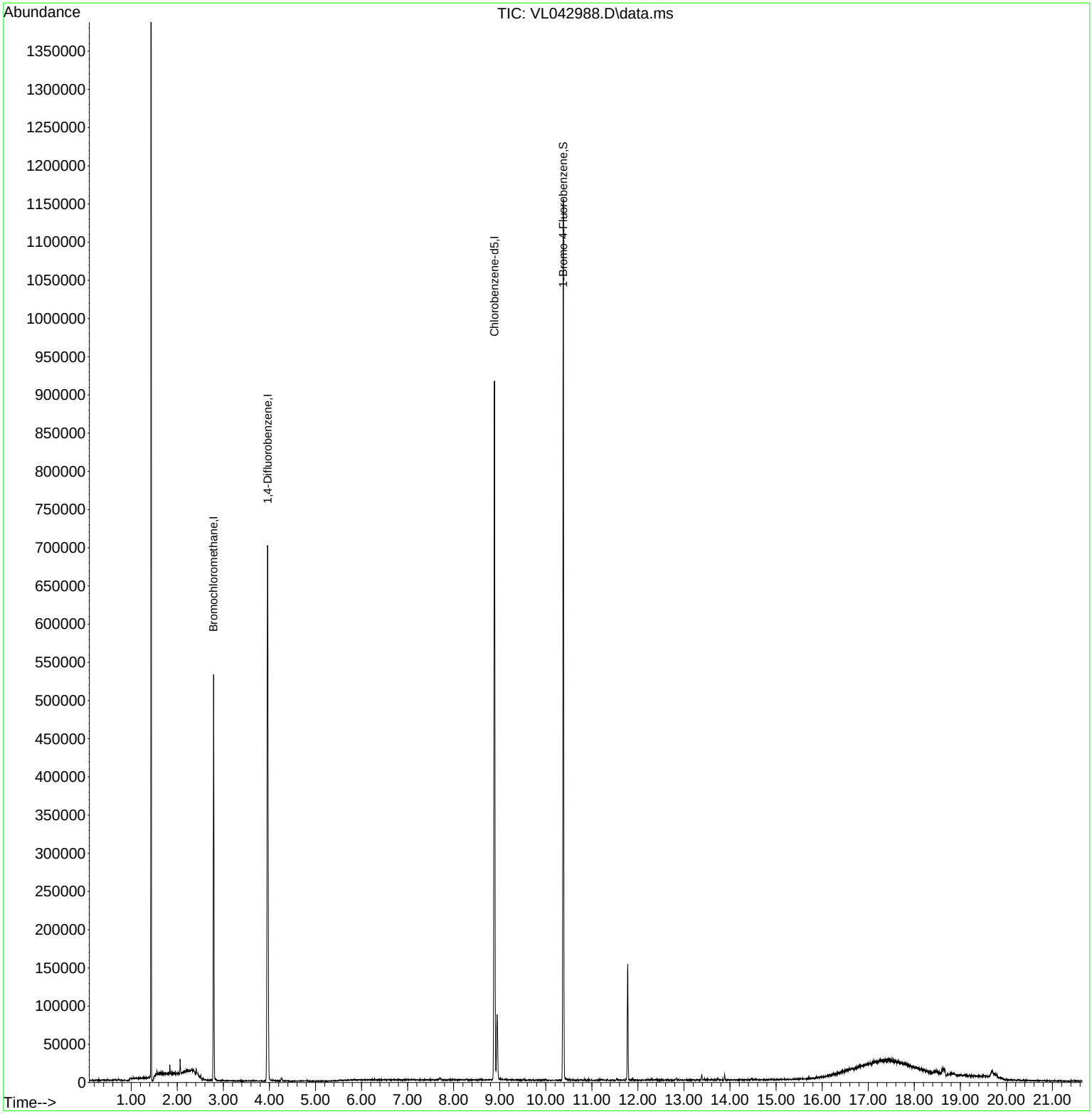
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	150626	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	414249	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	367143	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	285271	10.409	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.100%			
Target Compounds						Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042988.D
Acq On : 23 Sep 2025 12:50
Operator : SY/MD
Sample : CAN 10684
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10684

Quant Time: Sep 24 02:07:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042989.D
Acq On : 23 Sep 2025 13:26
Operator : SY/MD
Sample : CAN 10747
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10747

Quant Time: Sep 24 02:07:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

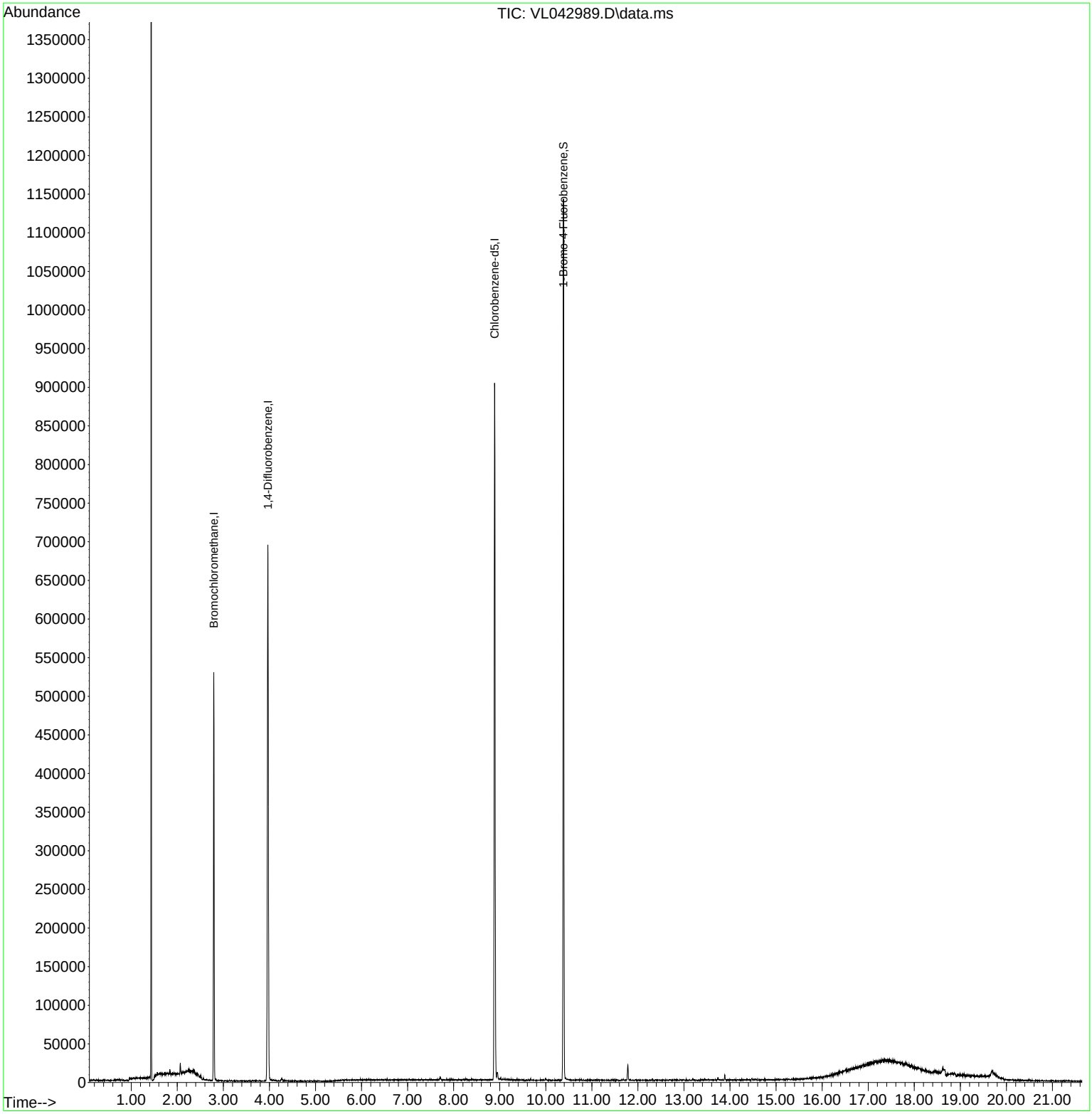
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.793	49	149203	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	404080	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.888	117	359428	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	280412	10.451	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.500%			
Target Compounds						Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042989.D
Acq On : 23 Sep 2025 13:26
Operator : SY/MD
Sample : CAN 10747
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10747

Quant Time: Sep 24 02:07:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042990.D
Acq On : 23 Sep 2025 14:01
Operator : SY/MD
Sample : CAN 10420
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10420

Quant Time: Sep 24 02:08:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

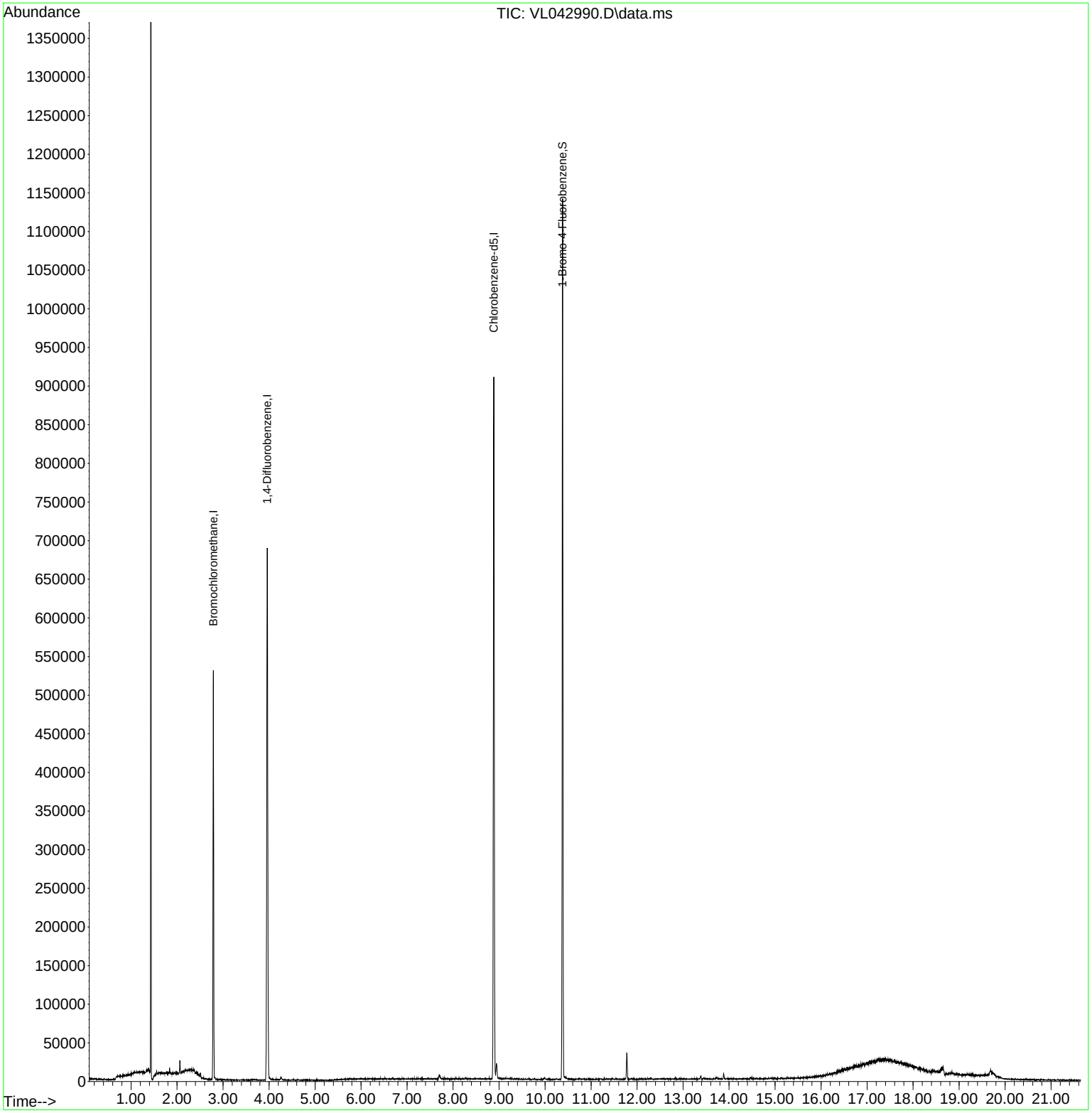
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	148605	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	398892	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	359223	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	277718	10.357	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.600%			
Target Compounds						Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042990.D
Acq On : 23 Sep 2025 14:01
Operator : SY/MD
Sample : CAN 10420
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10420

Quant Time: Sep 24 02:08:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042991.D
Acq On : 23 Sep 2025 14:37
Operator : SY/MD
Sample : CAN 10743
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10743

Quant Time: Sep 24 02:08:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

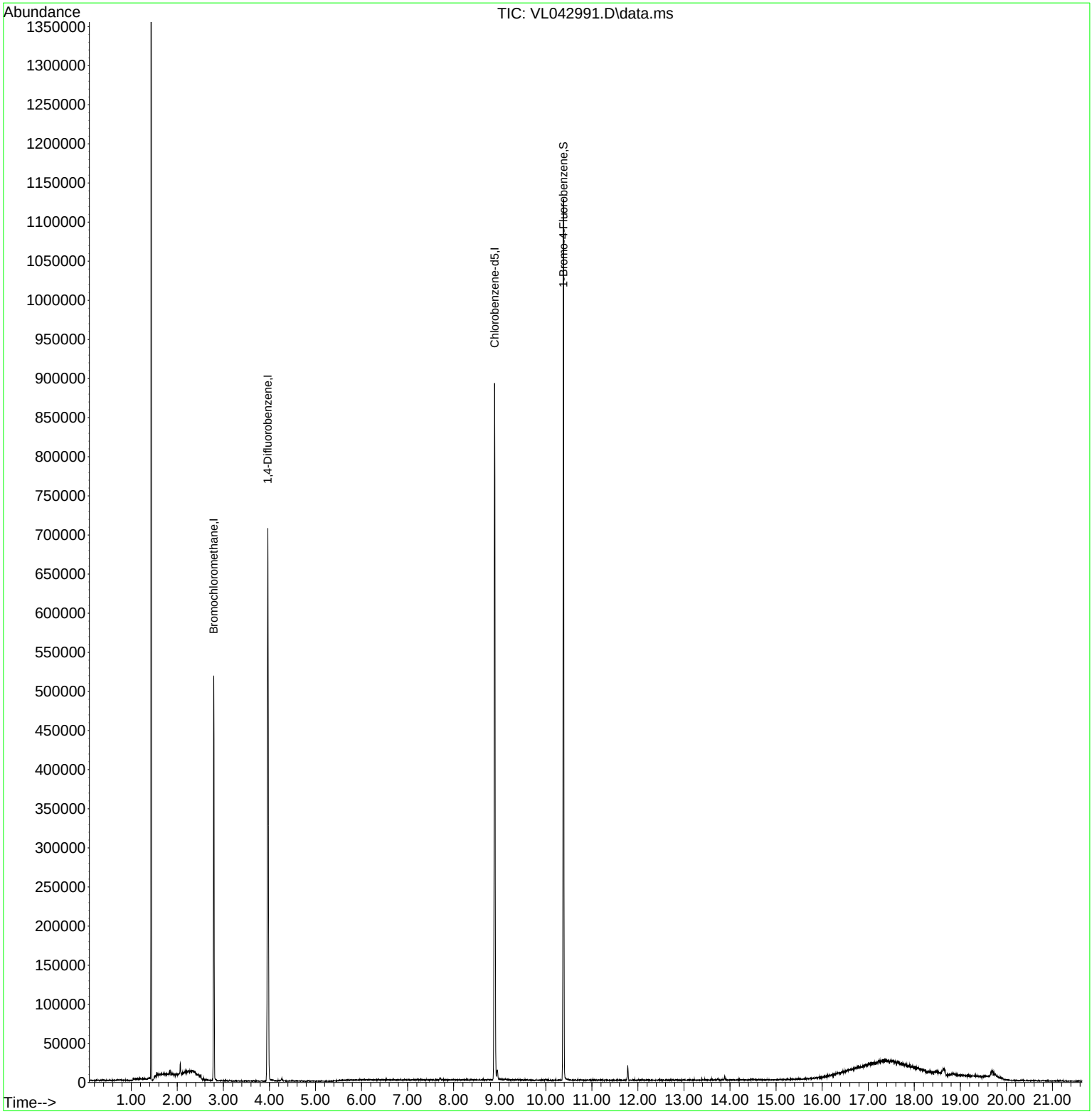
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	150038	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	400893	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	357176	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	279312	10.476	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.800%			
Target Compounds						Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042991.D
Acq On : 23 Sep 2025 14:37
Operator : SY/MD
Sample : CAN 10743
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10743

Quant Time: Sep 24 02:08:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042992.D
Acq On : 23 Sep 2025 15:13
Operator : SY/MD
Sample : CAN 10668
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10668

Quant Time: Sep 24 02:08:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	151280	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	401722	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	356384	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	274066	10.302	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.000%			
Target Compounds						Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042992.D
Acq On : 23 Sep 2025 15:13
Operator : SY/MD
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Misc : 400mL/MSVOA_L
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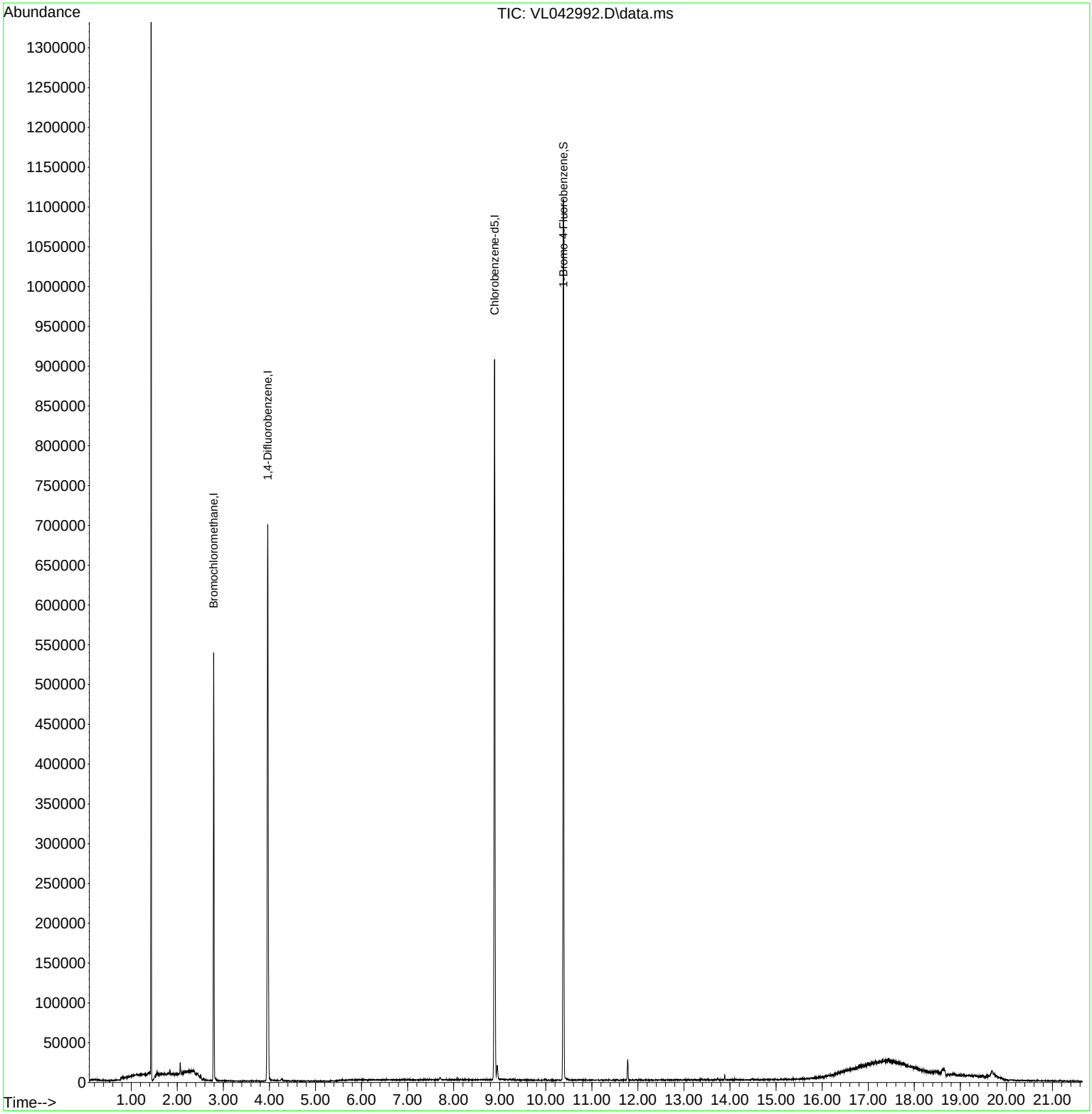
Instrument :
MSVOA_L
ClientSampleId :
CAN 10668

Quant Time: Sep 24 02:08:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration



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

Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL092225

Review By	Mahesh Dadoda	Review On	9/24/2025 2:18:14 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/24/2025 2:26:00 AM		
SubDirectory	VL092225	HP Acquire Method	TO15AIR	HP Processing Method	VL092225AIR.M

STD. NAME	STD REF.#
Tune/Reschk	AP2676
Initial Calibration Stds	AP2673,AP2674,AP2675
CCC	AP2673
Internal Standard/PEM	AP2676
ICV/I.BLK	AP2671
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VL042949.D	22 Sep 2025 08:55	SY/MD	Ok
2	VSTDICCC010	VL042950.D	22 Sep 2025 09:39	SY/MD	Ok,M
3	VSTDICC002	VL042951.D	22 Sep 2025 10:14	SY/MD	Ok,M
4	VSTDICC001	VL042952.D	22 Sep 2025 10:48	SY/MD	Ok,M
5	VSTDICC0.5	VL042953.D	22 Sep 2025 11:22	SY/MD	Ok,M
6	VSTDICC0.1	VL042954.D	22 Sep 2025 11:56	SY/MD	Ok,M
7	VSTDICC0.03	VL042955.D	22 Sep 2025 12:30	SY/MD	Ok,M
8	VSTDICC015	VL042956.D	22 Sep 2025 13:05	SY/MD	Ok,M
9	VSTDICV010	VL042957.D	22 Sep 2025 14:15	SY/MD	Ok,M
10	VL0922ABL01	VL042958.D	22 Sep 2025 15:06	SY/MD	Ok
11	VL0922ABS01	VL042959.D	22 Sep 2025 15:52	SY/MD	Ok,M
12	Q3111-01	VL042960.D	22 Sep 2025 16:53	SY/MD	Dilution
13	Q3111-01DL	VL042961.D	22 Sep 2025 17:28	SY/MD	Ok,M
14	Q3112-01	VL042962.D	22 Sep 2025 18:04	SY/MD	Ok,M
15	Q3112-01DL	VL042963.D	22 Sep 2025 18:39	SY/MD	Not Ok
16	Q3112-02	VL042964.D	22 Sep 2025 19:14	SY/MD	Dilution
17	Q3112-02DL	VL042965.D	22 Sep 2025 19:49	SY/MD	Ok
18	Q3112-03	VL042966.D	22 Sep 2025 20:24	SY/MD	Ok,M
19	Q3112-03DL	VL042967.D	22 Sep 2025 20:59	SY/MD	Not Ok
20	VIBLK	VL042968.D	22 Sep 2025 21:35	SY/MD	Ok
21	Q3130-02	VL042969.D	22 Sep 2025 22:11	SY/MD	Ok,M

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Fax : 908 789 8922

Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL092225

Review By	Mahesh Dadoda	Review On	9/24/2025 2:18:14 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/24/2025 2:26:00 AM		
SubDirectory	VL092225	HP Acquire Method	TO15AIR	HP Processing Method	VL092225AIR.M

STD. NAME	STD REF.#
Tune/Reschk	AP2676
Initial Calibration Stds	AP2673,AP2674,AP2675
CCC	AP2673
Internal Standard/PEM	AP2676
ICV/I.BLK	AP2671
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3130-02DUP	VL042970.D	22 Sep 2025 22:48	SY/MD	Ok,M
23	Q3130-02DL	VL042971.D	22 Sep 2025 23:23	SY/MD	Not Ok
24	Q3130-01	VL042972.D	23 Sep 2025 00:00	SY/MD	Ok,M
25	Q3130-01DL	VL042973.D	23 Sep 2025 00:35	SY/MD	Not Ok
26	Q3131-01	VL042974.D	23 Sep 2025 01:11	SY/MD	Dilution
27	Q3131-01DL	VL042975.D	23 Sep 2025 01:46	SY/MD	Ok,M
28	Q3131-02	VL042976.D	23 Sep 2025 02:22	SY/MD	Dilution
29	Q3131-02DL	VL042977.D	23 Sep 2025 02:57	SY/MD	Ok,M
30	Q3132-01	VL042978.D	23 Sep 2025 03:33	SY/MD	Dilution
31	Q3132-01DL	VL042979.D	23 Sep 2025 04:08	SY/MD	Ok,M
32	Q3132-02	VL042980.D	23 Sep 2025 04:44	SY/MD	Ok,M
33	Q3132-02DL	VL042981.D	23 Sep 2025 05:19	SY/MD	Not Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL092325

Review By	Semsettin Yesilyurt	Review On	9/24/2025 9:13:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/26/2025 1:40:16 AM		
SubDirectory	VL092325	HP Acquire Method	TO15AIR	HP Processing Method	VL092225AIR.M

STD. NAME	STD REF.#
Tune/Reschk	AP2676
Initial Calibration Stds	AP2673,AP2674,AP2675
CCC	AP2673
Internal Standard/PEM	AP2676
ICV/I.BLK	AP2671
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VL042982.D	23 Sep 2025 08:30	SY/MD	Ok
2	VSTDCCC010	VL042983.D	23 Sep 2025 09:14	SY/MD	Ok,M
3	VL0923ABL01	VL042984.D	23 Sep 2025 10:01	SY/MD	Ok
4	VL0923ABS01	VL042985.D	23 Sep 2025 10:46	SY/MD	Ok,M
5	CAN 10147	VL042986.D	23 Sep 2025 11:40	SY/MD	Ok
6	CAN 10136	VL042987.D	23 Sep 2025 12:15	SY/MD	Ok
7	CAN 10684	VL042988.D	23 Sep 2025 12:50	SY/MD	Ok
8	CAN 10747	VL042989.D	23 Sep 2025 13:26	SY/MD	Ok
9	CAN 10420	VL042990.D	23 Sep 2025 14:01	SY/MD	Ok
10	CAN 10743	VL042991.D	23 Sep 2025 14:37	SY/MD	Ok
11	CAN 10668	VL042992.D	23 Sep 2025 15:13	SY/MD	Ok
12	Q2893-14 0.5 PPB LOQ	VL042993.D	23 Sep 2025 15:49	SY/MD	ReRun
13	Q2893-14 0.1 PPB LOQ	VL042994.D	23 Sep 2025 16:25	SY/MD	Ok,M
14	Q2893-13 0.45	VL042995.D	23 Sep 2025 17:01	SY/MD	Ok,M
15	Q2893-13 0.40	VL042996.D	23 Sep 2025 17:36	SY/MD	Ok,M
16	Q2893-13 0.1	VL042997.D	23 Sep 2025 18:12	SY/MD	Ok,M
17	Q2893-13 0.03	VL042998.D	23 Sep 2025 18:48	SY/MD	Ok,M
18	Q2893-14 0.03	VL042999.D	23 Sep 2025 19:24	SY/MD	ReRun

M : Manual Integration