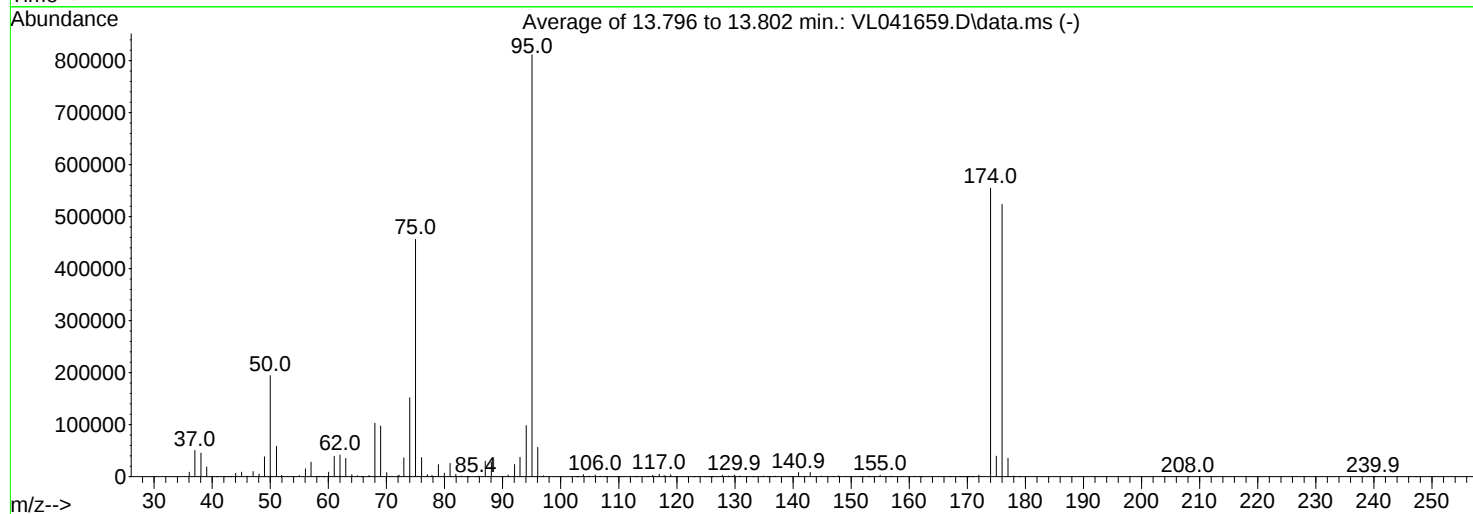
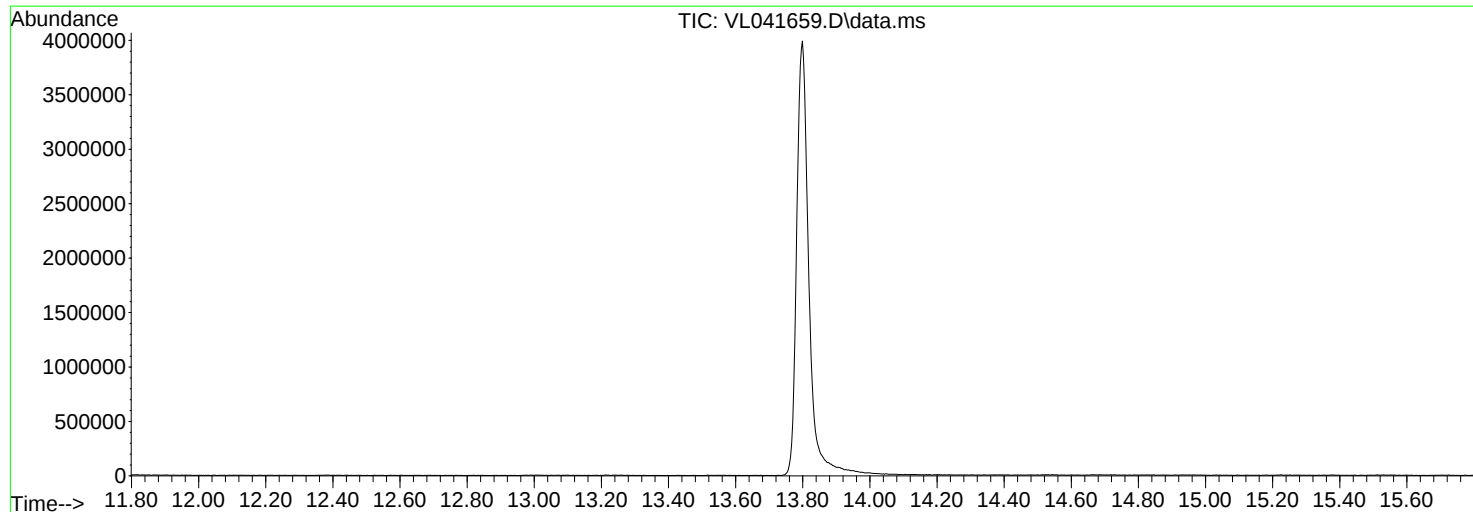


Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
Data File : VL041659.D
Acq On : 14 Oct 2024 8:23
Operator : SY/MD
Sample : BFB
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
Last Update : Tue Sep 17 09:12:21 2024



AutoFind: Scans 3481, 3482, 3483; Background Corrected with Scan 3456

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	8	40	24.0	194560	PASS
75	95	30	66	56.3	456469	PASS
95	95	100	100	100.0	811243	PASS
96	95	5	9	7.0	56400	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	68.4	554837	PASS
175	174	4	9	7.1	39429	PASS
176	174	93	101	94.4	523797	PASS
177	176	5	9	6.7	35344	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041660.D
 Acq On : 14 Oct 2024 9:43
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 02:38:21 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1139050	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.671	114	3098402	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.491	117	3033567	10.000	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.799 95 2208698 9.891 ppbv 0.05
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	1287579	7.827	ppbv	99
3) Chlorodifluoromethane	2.668	51	1359492	9.840	ppbv	99
4) Chloromethane	2.809	50	754633	9.931	ppbv	96
5) Vinyl Chloride	2.915	62	733569	11.149	ppbv	100
6) Bromomethane	3.115	94	281384	8.596	ppbv	98
7) Chloroethane	3.195	64	259953	10.159	ppbv	98
8) Dichlorotetrafluoroethane	2.851	85	1730383	10.028	ppbv	99
9) Propene	2.687	41	653601	11.216	ppbv	100
10) Heptane	7.597	43	1554594	11.394	ppbv	100
11) Trichlorofluoromethane	3.562	101	1689077	9.649	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.070	101	1265757	9.984	ppbv	99
13) Ethanol	3.243	45	25933m	5.919	ppbv	
14) Bromoethene	3.365	108	516546	10.745	ppbv	99
15) Acetone	3.468	43	1299921	9.090	ppbv	100
16) 1,3-Butadiene	2.983	39	734455	10.559	ppbv	99
17) tert-Butyl alcohol	3.880	59	1332556	10.596	ppbv	99
18) 1,1-Dichloroethene	3.883	96	567989	10.583	ppbv	98
19) Isopropyl Alcohol	3.578	45	754520	10.307	ppbv	99
20) Methylene Chloride	3.935	84	454891	8.467	ppbv	96
21) Allyl Chloride	3.999	41	908373	10.960	ppbv	99
22) trans-1,2-Dichloroethene	4.452	96	565315	10.559	ppbv	100
23) Vinyl Acetate	4.635	43	966869	12.292	ppbv #	98
24) 1,1-Dichloroethane	4.571	63	1246647	10.559	ppbv	99
25) Ethyl Acetate	5.214	43	2782394	10.838	ppbv	100
26) Hexane	5.221	57	1163508	10.868	ppbv	97
27) Carbon Disulfide	4.127	76	1356524	11.920	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	721141	10.925	ppbv	100
29) Chloroform	5.288	83	1749654	9.987	ppbv	97
30) Cyclohexane	6.616	84	959853	11.631	ppbv	99
31) cis-1,2-Dichloroethene	5.089	61	1094693	10.771	ppbv	98
32) 1,1,1-Trichloroethane	6.015	97	1715729	10.995	ppbv	99
34) 2-Butanone	4.796	43	1483922	10.044	ppbv	99
35) Carbon Tetrachloride	6.510	117	1753896	11.537	ppbv	98
36) Benzene	6.385	78	2426961	11.279	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1320644	10.578	ppbv	99
38) Trichloroethene	7.311	130	1180521	10.653	ppbv	98
39) 1,2-Dichloropropane	7.092	63	948760	10.838	ppbv	100
40) 1,4-Dioxane	7.304	88	376944	11.423	ppbv #	100
41) Tetrahydrofuran	5.568	42	1015739	12.493	ppbv	98
42) Bromodichloromethane	7.269	83	1881537	10.832	ppbv	99
43) Methyl Methacrylate	7.491	69	943145	12.248	ppbv	100
44) 2,2,4-Trimethylpentane	7.346	57	4090203	10.987	ppbv	100
45) t-1,3-Dichloropropene	8.729	75	720472	11.605	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041660.D
 Acq On : 14 Oct 2024 9:43
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/15/2024
 Supervised By : Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 02:38:21 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.163	75	1040833	11.444	ppbv	99
47) 1,1,2-Trichloroethane	8.918	97	977523	10.517	ppbv	97
48) Dibromochloromethane	9.732	129	1583619	11.245	ppbv	99
49) Bromoform	12.429	173	1364123	11.284	ppbv	99
50) 4-Methyl-2-Pentanone	8.198	43	2676056	11.729	ppbv	100
51) 2-Hexanone	9.568	43	2120806	12.289	ppbv	99
52) Tetrachloroethene	10.635	164	876267	11.246	ppbv	98
53) Toluene	9.243	91	2746651	12.025	ppbv	100
54) 1,2-Dibromoethane	10.031	107	1315299	11.491	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.532	131	1179827	9.961	ppbv	98
57) Chlorobenzene	11.552	112	2095164	9.579	ppbv	99
58) Ethyl Benzene	12.111	91	3656350	11.259	ppbv	99
59) m/p-Xylene	12.394	91	6168384m	21.342	ppbv	
60) o-Xylene	13.085	91	2959365	10.680	ppbv	99
61) Styrene	12.921	104	1423375	12.295	ppbv	100
62) Isopropylbenzene	14.053	105	4313712	10.275	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.069	83	1527720	10.783	ppbv	99
64) n-propylbenzene	14.941	120	1151763	10.623	ppbv	99
65) tert-Butylbenzene	16.114	119	3846358	9.995	ppbv	100
66) Benzyl Chloride	16.349	91	202012	10.098	ppbv	99
67) sec-Butylbenzene	16.661	105	5377834	10.073	ppbv	100
69) p-Isopropyltoluene	17.021	119	4463259	10.328	ppbv	100
70) n-Butylbenzene	17.911	91	4587597	10.134	ppbv	100
71) 2-Chlorotoluene	14.828	91	3227785	10.450	ppbv	99
72) 4-Ethyltoluene	15.217	105	3522903	10.876	ppbv	99
73) 1,3,5-Trimethylbenzene	15.378	105	3015731	10.544	ppbv	96
74) 1,2,4-Trimethylbenzene	16.133	105	3335754	9.964	ppbv	97
75) 1,3-Dichlorobenzene	16.355	146	2005347	9.558	ppbv	100
76) 1,4-Dichlorobenzene	16.497	146	1924339	9.571	ppbv	100
77) 1,2-Dichlorobenzene	17.166	146	1941181	9.372	ppbv	99
78) Hexachloro-1,3-Butadiene	22.660	225	1360072	7.960	ppbv	99
79) Naphthalene	21.410	128	2595328	10.533	ppbv	99
80) Naphthalene,2-methyl-	24.394	142	895271	5.185	ppbv	99
81) 1,2,4-Trichlorobenzene	21.165	180	1390542	8.877	ppbv	99

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

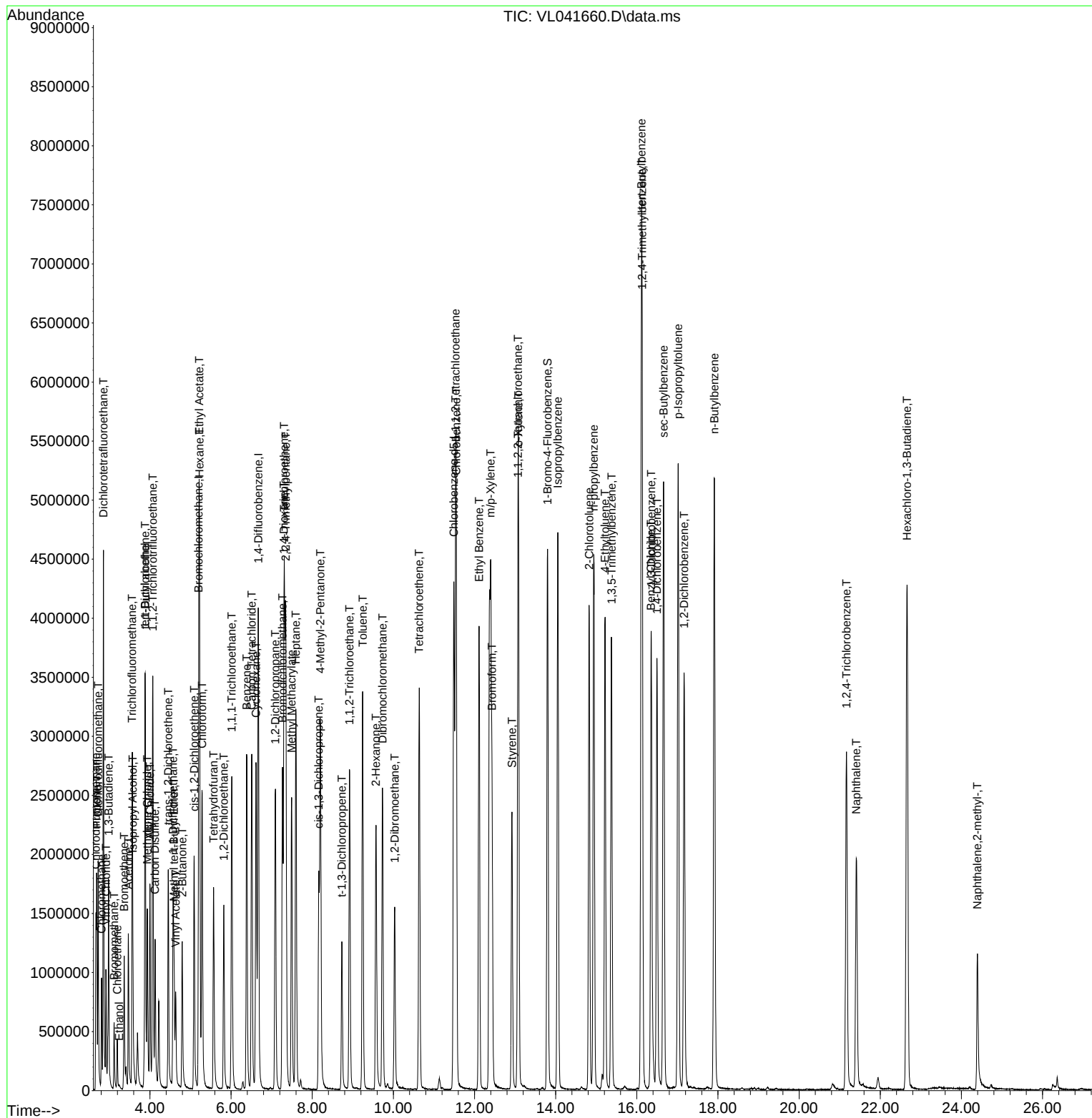
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041660.D
 Acq On : 14 Oct 2024 9:43
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Oct 15 02:38:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/15/2024
 Supervised By : Mahesh Dadoda 10/15/2024



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041660.D
 Acq On : 14 Oct 2024 9:43
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 15 02:38:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 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	99	0.03
2 T	Dichlorodifluoromethane	1.444	1.130	21.7	85	0.02
3	Chlorodifluoromethane	1.213	1.194	1.6	107	0.02
4	Chloromethane	0.667	0.663	0.6	107	0.02
5 T	Vinyl Chloride	0.578	0.644	-11.4	108	0.02
6 T	Bromomethane	0.287	0.247	13.9	89	0.02
7	Chloroethane	0.225	0.228	-1.3	106	0.02
8 T	Dichlorotetrafluoroethane	1.515	1.519	-0.3	105	0.02
9 T	Propene	0.512	0.574	-12.1	110	0.02
10 T	Heptane	1.198	1.365	-13.9	106	0.04
11 T	Trichlorofluoromethane	1.537	1.483	3.5	102	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.113	1.111	0.2	105	0.03
13	Ethanol	0.038	0.023#	39.5#	95	0.02
14 T	Bromoethene	0.422	0.453	-7.3	106	0.02
15 T	Acetone	1.255	1.141	9.1	110	0.03
16 T	1,3-Butadiene	0.611	0.645	-5.6	110	0.02
17	tert-Butyl alcohol	1.104	1.170	-6.0	106	0.03
18 T	1,1-Dichloroethene	0.471	0.499	-5.9	103	0.03
19 T	Isopropyl Alcohol	0.643	0.662	-3.0	105	0.03
20 T	Methylene Chloride	0.472	0.399	15.5	102	0.03
21 T	Allyl Chloride	0.728	0.797	-9.5	107	0.03
22 T	trans-1,2-Dichloroethene	0.470	0.496	-5.5	106	0.03
23 T	Vinyl Acetate	0.691	0.849	-22.9	121	0.03
24 T	1,1-Dichloroethane	1.036	1.094	-5.6	109	0.03
25 T	Ethyl Acetate	2.254	2.443	-8.4	106	0.04
26 T	Hexane	0.940	1.021	-8.6	109	0.03
27 T	Carbon Disulfide	0.999	1.191	-19.2	106	0.03
28 T	Methyl tert-Butyl Ether	0.579	0.633	-9.3	112	0.03
29 T	Chloroform	1.538	1.536	0.1	104	0.04
30 T	Cyclohexane	0.725	0.843	-16.3	106	0.04
31 T	cis-1,2-Dichloroethene	0.892	0.961	-7.7	105	0.04
32 T	1,1,1-Trichloroethane	1.370	1.506	-9.9	103	0.04
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.04
34 T	2-Butanone	0.477	0.479	-0.4	99	0.04
35 T	Carbon Tetrachloride	0.491	0.566	-15.3	101	0.04
36 T	Benzene	0.694	0.783	-12.8	107	0.04
37 T	1,2-Dichloroethane	0.403	0.426	-5.7	104	0.04
38 T	Trichloroethene	0.358	0.381	-6.4	98	0.05
39 T	1,2-Dichloropropane	0.283	0.306	-8.1	108	0.04
40 T	1,4-Dioxane	0.107	0.122	-14.0	104	0.04
41 T	Tetrahydrofuran	0.262	0.328	-25.2	110	0.04
42 T	Bromodichloromethane	0.561	0.607	-8.2	103	0.04
43	Methyl Methacrylate	0.249	0.304	-22.1	105	0.04
44 T	2,2,4-Trimethylpentane	1.202	1.320	-9.8	106	0.04
45 T	t-1,3-Dichloropropene	0.200	0.233	-16.5	92	0.04
46 T	cis-1,3-Dichloropropene	0.294	0.336	-14.3	92	0.04
47 T	1,1,2-Trichloroethane	0.300	0.315	-5.0	103	0.05
48 T	Dibromochloromethane	0.455	0.511	-12.3	101	0.05

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041660.D
 Acq On : 14 Oct 2024 9:43
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 15 02:38:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 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	0.390	0.440	-12.8	99	0.05
50 T	4-Methyl-2-Pentanone	0.736	0.864	-17.4	106	0.04
51 T	2-Hexanone	0.557	0.684	-22.8	105	0.04
52 T	Tetrachloroethene	0.251	0.283	-12.7	103	0.05
53 T	Toluene	0.737	0.886	-20.2	103	0.05
54 T	1,2-Dibromoethane	0.369	0.425	-15.2	101	0.05
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.05
56	1,1,1,2-Tetrachloroethane	0.390	0.389	0.3	102	0.05
57 T	Chlorobenzene	0.721	0.691	4.2	100	0.05
58 T	Ethyl Benzene	1.070	1.205	-12.6	102	0.05
59 T	m/p-Xylene	0.953	1.017	-6.7	101	0.05
60 T	o-Xylene	0.913	0.976	-6.9	100	0.05
61 T	Styrene	0.382	0.469	-22.8	99	0.05
62	Isopropylbenzene	1.384	1.422	-2.7	101	0.05
63 T	1,1,2,2-Tetrachloroethane	0.467	0.504	-7.9	109	0.05
64	n-propylbenzene	0.357	0.380	-6.4	100	0.05
65	tert-Butylbenzene	1.269	1.268	0.1	100	0.05
66 T	Benzyl Chloride	0.066	0.067	-1.5	98	0.05
67	sec-Butylbenzene	1.760	1.773	-0.7	99	0.05
68 S	1-Bromo-4-Fluorobenzene	0.736	0.728	1.1	97	0.05
69	p-Isopropyltoluene	1.425	1.471	-3.2	98	0.05
70	n-Butylbenzene	1.492	1.512	-1.3	98	0.05
71	2-Chlorotoluene	1.018	1.064	-4.5	100	0.05
72 T	4-Ethyltoluene	1.068	1.161	-8.7	99	0.05
73 T	1,3,5-Trimethylbenzene	0.943	0.994	-5.4	99	0.05
74 T	1,2,4-Trimethylbenzene	1.104	1.100	0.4	99	0.05
75 T	1,3-Dichlorobenzene	0.692	0.661	4.5	96	0.05
76 T	1,4-Dichlorobenzene	0.663	0.634	4.4	95	0.05
77 T	1,2-Dichlorobenzene	0.683	0.640	6.3	96	0.05
78 T	Hexachloro-1,3-Butadiene	0.563	0.448	20.4	90	0.05
79 T	Naphthalene	0.812	0.856	-5.4	82	0.05
80 T	Naphthalene,2-methyl-	0.569	0.295	48.2#	39	0.04
81 T	1,2,4-Trichlorobenzene	0.516	0.458	11.2	83	0.05

(#) = Out of Range

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041663.D
 Acq On : 14 Oct 2024 11:41
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 15 02:40:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1006897	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	6.671	114	2688648	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.491	117	2332708	10.000	ppbv	0.05

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1624426	9.460	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.600%

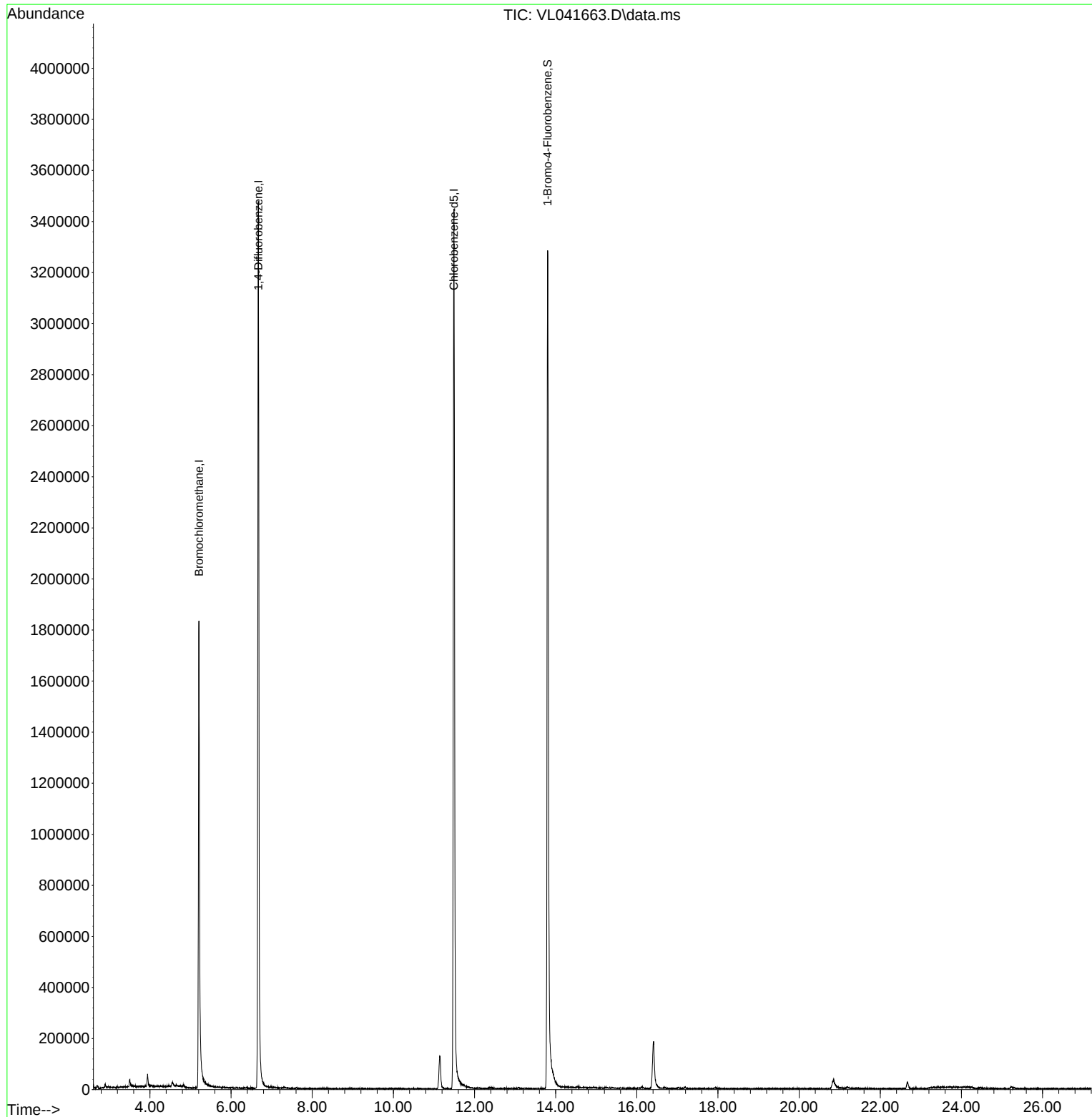
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
Data File : VL041663.D
Acq On : 14 Oct 2024 11:41
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Oct 15 02:40:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041662.D
 Acq On : 14 Oct 2024 11:02
 Operator : SY/MD
 Sample : VL1014ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1014ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 02:39:33 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1108335	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	6.668	114	2963163	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.491	117	2950594m	10.000	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.799 95 2157989 9.935 ppbv 0.05
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.722	85	1145692	7.158	ppbv	100
3) Chlorodifluoromethane	2.668	51	1310086	9.745	ppbv	99
4) Chloromethane	2.809	50	719788	9.735	ppbv	99
5) Vinyl Chloride	2.915	62	702662	10.975	ppbv	99
6) Bromomethane	3.118	94	255661	8.027	ppbv	98
7) Chloroethane	3.195	64	243123	9.764	ppbv	100
8) Dichlorotetrafluoroethane	2.851	85	1660268	9.888	ppbv	100
9) Propene	2.687	41	601524	10.608	ppbv	100
10) Heptane	7.597	43	1497343	11.278	ppbv	100
11) Trichlorofluoromethane	3.562	101	1638422	9.620	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.070	101	1209387	9.804	ppbv	99
13) Ethanol	3.250	45	25964m	6.091	ppbv	
14) Bromoethene	3.362	108	490120	10.478	ppbv	99
15) Acetone	3.468	43	1216859	8.745	ppbv	99
16) 1,3-Butadiene	2.980	39	697703	10.309	ppbv	97
17) tert-Butyl alcohol	3.880	59	1247539	10.195	ppbv	99
18) 1,1-Dichloroethene	3.883	96	536176	10.267	ppbv	98
19) Isopropyl Alcohol	3.578	45	669012	9.392	ppbv #	98
20) Methylene Chloride	3.935	84	432714	8.278	ppbv	93
21) Allyl Chloride	3.999	41	835610	10.361	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	529705	10.168	ppbv	99
23) Vinyl Acetate	4.632	43	878250	11.475	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1187574	10.338	ppbv	100
25) Ethyl Acetate	5.214	43	2658560	10.643	ppbv	99
26) Hexane	5.221	57	1083358	10.400	ppbv	99
27) Carbon Disulfide	4.128	76	1283235	11.588	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	665747	10.366	ppbv	99
29) Chloroform	5.285	83	1702002	9.984	ppbv	97
30) Cyclohexane	6.619	84	915770	11.404	ppbv	99
31) cis-1,2-Dichloroethene	5.089	61	1035844	10.474	ppbv	99
32) 1,1,1-Trichloroethane	6.015	97	1684176	11.092	ppbv	99
34) 2-Butanone	4.793	43	1385663	9.807	ppbv	99
35) Carbon Tetrachloride	6.507	117	1746265	12.011	ppbv	100
36) Benzene	6.385	78	2302124	11.187	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1275743	10.685	ppbv	99
38) Trichloroethene	7.307	130	1161316	10.958	ppbv	99
39) 1,2-Dichloropropane	7.089	63	896567	10.709	ppbv	98
40) 1,4-Dioxane	7.307	88	351904	11.151	ppbv #	99
41) Tetrahydrofuran	5.568	42	919479	11.825	ppbv	100
42) Bromodichloromethane	7.266	83	1834480	11.043	ppbv	99
43) Methyl Methacrylate	7.494	69	902852	12.260	ppbv	99
44) 2,2,4-Trimethylpentane	7.343	57	3928081	11.033	ppbv	100
45) t-1,3-Dichloropropene	8.729	75	686411	11.561	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041662.D
 Acq On : 14 Oct 2024 11:02
 Operator : SY/MD
 Sample : VL1014ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1014ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/15/2024
 Supervised By : Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 02:39:33 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.163	75	986486	11.341	ppbv	99
47) 1,1,2-Trichloroethane	8.918	97	953812	10.730	ppbv	99
48) Dibromochloromethane	9.732	129	1556080	11.554	ppbv	100
49) Bromoform	12.433	173	1337606	11.570	ppbv	99
50) 4-Methyl-2-Pentanone	8.198	43	2599545	11.914	ppbv	99
51) 2-Hexanone	9.571	43	2038924	12.354	ppbv	100
52) Tetrachloroethene	10.639	164	845842	11.351	ppbv	97
53) Toluene	9.240	91	2657525	12.166	ppbv	100
54) 1,2-Dibromoethane	10.031	107	1251918	11.437	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.529	131	1161496	10.082	ppbv	99
57) Chlorobenzene	11.552	112	2072182	9.741	ppbv	98
58) Ethyl Benzene	12.111	91	3564325	11.285	ppbv	99
59) m/p-Xylene	12.394	91	6050276m	21.522	ppbv	
60) o-Xylene	13.079	91	2940555	10.910	ppbv	100
61) Styrene	12.918	104	1389742	12.342	ppbv	100
62) Isopropylbenzene	14.053	105	4251841	10.413	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.069	83	1519552	11.027	ppbv	99
64) n-propylbenzene	14.937	120	1134283	10.756	ppbv	99
65) tert-Butylbenzene	16.114	119	3818025	10.201	ppbv	100
66) Benzyl Chloride	16.349	91	206302	10.602	ppbv	95
67) sec-Butylbenzene	16.661	105	5353060	10.308	ppbv	100
69) p-Isopropyltoluene	17.018	119	4451290	10.590	ppbv	100
70) n-Butylbenzene	17.908	91	4571641	10.382	ppbv	100
71) 2-Chlorotoluene	14.825	91	3185904	10.604	ppbv	99
72) 4-Ethyltoluene	15.214	105	3484380	11.060	ppbv	99
73) 1,3,5-Trimethylbenzene	15.375	105	2987131	10.737	ppbv	98
74) 1,2,4-Trimethylbenzene	16.134	105	3325802	10.214	ppbv	95
75) 1,3-Dichlorobenzene	16.355	146	1996430	9.783	ppbv	100
76) 1,4-Dichlorobenzene	16.497	146	1937729	9.909	ppbv	100
77) 1,2-Dichlorobenzene	17.169	146	1943634	9.647	ppbv	99
78) Hexachloro-1,3-Butadiene	22.664	225	1356495	8.162	ppbv	100
79) Naphthalene	21.413	128	2594745	10.827	ppbv	99
80) Naphthalene,2-methyl-	24.394	142	833531	4.964	ppbv	99
81) 1,2,4-Trichlorobenzene	21.165	180	1375748	9.030	ppbv	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041664.D
 Acq On : 14 Oct 2024 12:20
 Operator : SY/MD
 Sample : CAN 10258
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10258

Quant Time: Oct 15 02:40:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1000184	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.667	114	2684060	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.487	117	2368428	10.000	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.799	95	1743192	9.998	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.000%

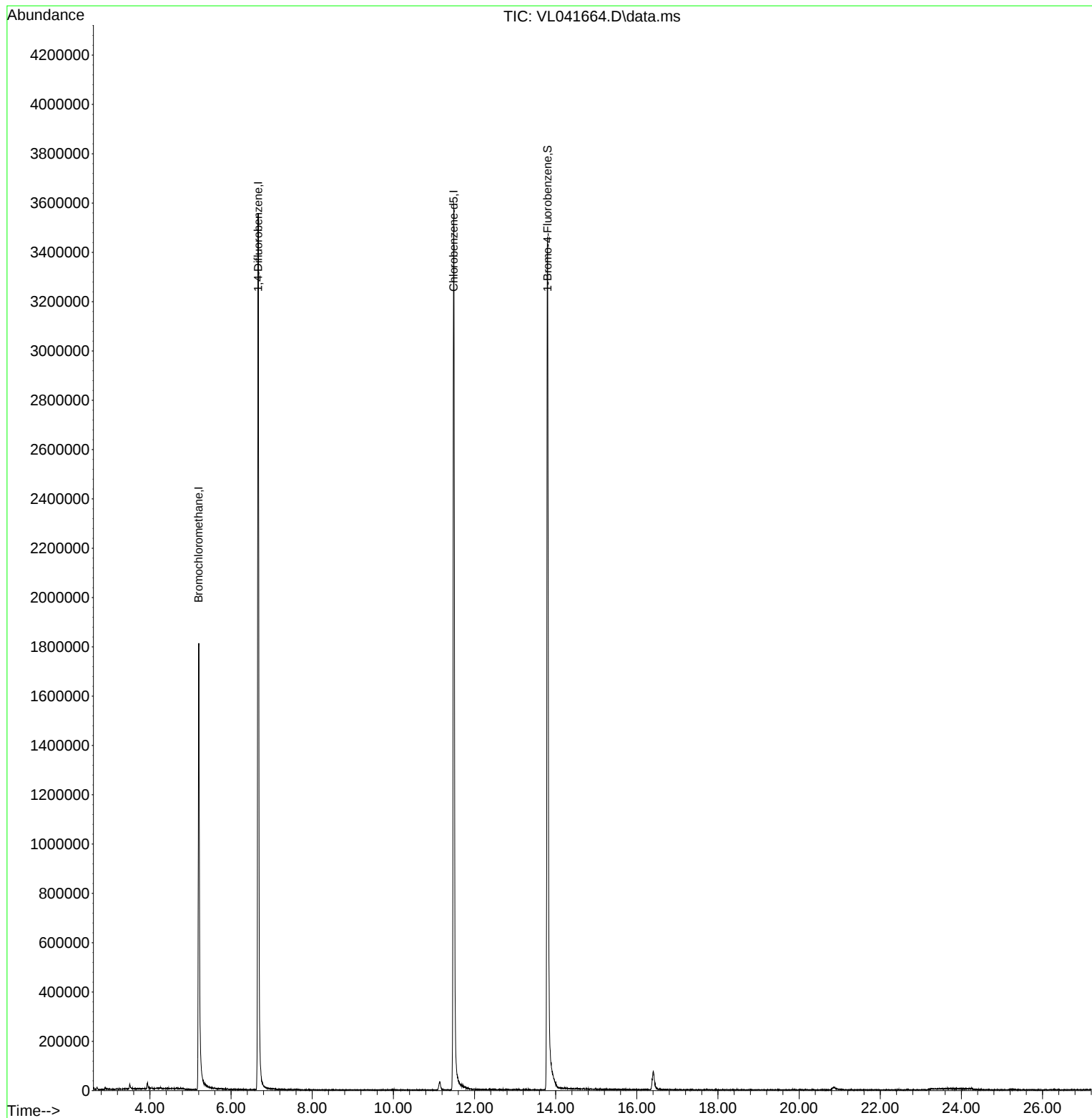
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
Data File : VL041664.D
Acq On : 14 Oct 2024 12:20
Operator : SY/MD
Sample : CAN 10258
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10258

Quant Time: Oct 15 02:40:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration



Instrument ID: **MSVOA_L**

Daily Analysis Runlog For Sequence/QC Batch ID # VL101424

Review By	Semsettin Yesilyurt	Review On	10/15/2024 1:33:56 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/15/2024 6:29:46 PM		
SubDirectory	VL101424	HP Acquire Method	AIR-TO15	HP Processing Method	VL091624AIR.M
STD. NAME		STD REF.#			
Tune/Reschk		AP2543			
Initial Calibration Stds		AP2546,AP2547,AP2548			
CCC		AP2546			
Internal Standard/PEM		AP2543			
ICV/I.BLK		AP2544			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VL041659.D	14 Oct 2024 8:23	SY/MD	Ok
2	VSTDCCC010	VL041660.D	14 Oct 2024 9:43	SY/MD	Ok,M
3	VL1014ABL01	VL041661.D	14 Oct 2024 10:23	SY/MD	Ok
4	VL1014ABS01	VL041662.D	14 Oct 2024 11:02	SY/MD	Ok,M
5	VIBLK	VL041663.D	14 Oct 2024 11:41	SY/MD	Ok
6	CAN 10258	VL041664.D	14 Oct 2024 12:20	SY/MD	Ok
7	CAN 10590	VL041665.D	14 Oct 2024 13:00	SY/MD	Ok,M
8	CAN 10334	VL041666.D	14 Oct 2024 13:40	SY/MD	Ok,M
9	P4368-15 0.45	VL041667.D	14 Oct 2024 14:20	SY/MD	Ok,M
10	P4368-15 0.40	VL041668.D	14 Oct 2024 15:00	SY/MD	Ok,M
11	P4368-15 0.1	VL041669.D	14 Oct 2024 15:40	SY/MD	Ok,M
12	P4368-15 0.03	VL041670.D	14 Oct 2024 16:20	SY/MD	Ok,M
13	VSTDCCC010	VL041671.D	14 Oct 2024 17:00	SY/MD	Ok,M

M : Manual Integration