LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
Data File : VV031482.D
Acq On : 09 Jun 2023 05:13
Operator : SY/MD
Sample : BLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK36

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Title : VOC Analysis

Signal : TIC: VV031482.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	68	74	89	rVB	65274	70740	11.48%	1.680%
2	1.532	147	153	169	rVB	74863	88302	14.34%	2.097%
3	2.063	309	318	329	rBV	93566	135078	21.93%	3.208%
4	2.452	431	439	452	rVB3	7436	12613	2.05%	0.300%
5	2.761	533	535	541	rVB3	539	337	0.05%	0.008%
6	2.857	561	565	567	rBV2	421	286	0.05%	0.007%
7	2.873	567	570	574	rVV2	497	383	0.06%	0.009%
8	3.188	666	668	673	rBV2	354	295	0.05%	0.007%
9	3.381	726	728	732	rBV2	371	267	0.04%	0.006%
10	3.500	763	765	770	rVB2	586	349	0.06%	0.008%
11	3.536	770	776	780	rBV2	417	477	0.08%	0.011%
12	3.651	809	812	814	rBV3	521	304	0.05%	0.007%
13	3.799	843	858	897	rBV3	132595	432585	70.23%	10.275%
14	4.256	987	1000	1024	rVB	103277	265794	43.15%	6.313%
15	4.555	1089	1093	1095	rVB3	586	501	0.08%	0.012%
16	4.568	1095	1097	1100	rBV3	636	421	0.07%	0.010%
17	4.580	1100	1101	1104	rBV2	585	357	0.06%	0.008%
18	4.754	1152	1155	1158	rVB3	577	319	0.05%	0.008%
19	4.770	1158	1160	1163	rBV2	362	217	0.04%	0.005%
20	4.799	1166	1169	1170	rBV	360	207	0.03%	0.005%
21	4.863	1187	1189	1192	rBV3	371	212	0.03%	0.005%
22	4.960	1203	1219	1243	rBV3	220803	615988	100.00%	14.631%
23	5.333	1330	1335	1336	rBV3	384	323	0.05%	0.008%
24	5.394	1351	1354	1358	rBV4	503	411	0.07%	0.010%
25	5.452	1368	1372	1373	rBV2	369	252	0.04%	0.006%
26	5.461	1373	1375	1379	rVB2	429	253	0.04%	0.006%
27	5.481	1379	1381	1387	rBV3	570	392	0.06%	0.009%
28	5.542	1388	1400	1420	rBV	105387	223047	36.21%	5.298%
29	5.828	1479	1489	1505	rBV3	29538	64522	10.47%	1.533%
30	5.995	1528	1541	1567	rBV	153642	320913	52.10%	7.623%
31	6.249	1618	1620	1624	rVB	682	354	0.06%	0.008%
32	6.272	1624	1627	1629	rBV	730	439	0.07%	0.010%
33	6.314	1634	1640	1643	rBV2	520	498	0.08%	0.012%
34	6.365	1653	1656	1658	rBV	548	206	0.03%	0.005%
35	6.387	1661	1663	1665	rBV2	452	228	0.04%	0.005%
36	6.449	1679	1682	1688	rBV4	532	593	0.10%	0.014%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
Data File : VV031482.D
Acq On : 09 Jun 2023 05:13
Operator : SY/MD
Sample : BLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK36

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Title : VOC Analysis

37	6.519	1701	1704	1707	rVB3	378	229	0.04%	0.005%
38	6.584	1722	1724	1729	rVB3	502	335	0.05%	0.008%
39	6.658	1743	1747	1752	rVB3	560	494	0.08%	0.012%
40	6.683	1752	1755	1756	rBV	379	197	0.03%	0.005%
41	6.921	1816	1829	1854	rBV3	63673	127669	20.73%	3.033%
42	7.076	1874	1877	1880	rBV4	577	391	0.06%	0.009%
43	7.130	1891	1894	1896	rBV2	529	480	0.08%	0.011%
44	7.178	1900	1909	1920	rBV7	3899	9041	1.47%	0.215%
45	7.249	1921	1931	1952	rVV	127121	235004	38.15%	5.582%
46	7.468	1995	1999	2002	rVB3	563	380	0.06%	0.009%
47	7.526	2014	2017	2018	rBV2	516	352	0.06%	0.008%
48	7.561	2019	2028	2054	rVV	48213	93728	15.22%	2.226%
49	7.786	2094	2098	2104	rBV3	822	932	0.15%	0.022%
50	7.867	2121	2123	2125	rBV2	445	216	0.04%	0.005%
51	7.982	2155	2159	2164	rBV3	559	510	0.08%	0.012%
52	8.034	2164	2175	2209	rBV3	179820	447033	72.57%	10.618%
53	8.368	2271	2279	2290	rBV2	11809	19710	3.20%	0.468%
54	8.510	2319	2323	2328	rBV3	676	531	0.09%	0.013%
55	8.600	2349	2351	2353	rBV2	451	258	0.04%	0.006%
56	8.645	2363	2365	2368	rBV2	496	333	0.05%	0.008%
57	8.693	2378	2380	2383	rBV2	455	291	0.05%	0.007%
58	8.722	2385	2389	2392	rBV2	252	252	0.04%	0.006%
59	8.793	2400	2411	2436	rBV	136590	243008	39.45%	5.772%
60	8.979	2467	2469	2474	rVB4	912	615	0.10%	0.015%
61	9.162	2523	2526	2529	rVV3	399	268	0.04%	0.006%
62	9.201	2535	2538	2539	rBV3	396	240	0.04%	0.006%
63	9.220	2542	2544	2548	rVB3	477	247	0.04%	0.006%
64	9.256	2552	2555	2557	rBV2	568	310	0.05%	0.007%
65	9.436	2608	2611	2613	rBV3	440	249	0.04%	0.006%
66	9.490	2622	2628	2629	rBV5	903	951	0.15%	0.023%
67	9.609	2663	2665	2667	rBV2	555	224	0.04%	0.005%
68	9.664	2679	2682	2684	rVB2	575	294	0.05%	0.007%
69	9.680	2684	2687	2690	rBV3	396	347	0.06%	0.008%
70	9.796	2719	2723	2725	rBV	534	333	0.05%	0.008%
71	9.857	2738	2742	2743	rBV2	535	354	0.06%	0.008%
72	9.924	2761	2763	2767	rVB3	336	239	0.04%	0.006%
73	9.976	2777	2779	2782	rBV2	364	281	0.05%	0.007%
74	10.159	2825	2836	2860	rVV	187948	309168	50.19%	7.344%
75	10.432	2916	2921	2923	rBV3	575	430	0.07%	0.010%
76	10.538	2952	2954	2957	rVV2	555	300	0.05%	0.007%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
Data File : VV031482.D
Acq On : 09 Jun 2023 05:13
Operator : SY/MD
Sample : BLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK36

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Title : VOC Analysis

77	10.799	3032	3035	3037	rBV	382	261	0.04%	0.006%
78	10.860	3049	3054	3060	rBV6	1803	2216	0.36%	0.053%
79	11.066	3115	3118	3121	rBV	587	379	0.06%	0.009%
80	11.191	3147	3157	3181	rBV	104710	179379	29.12%	4.261%
81	11.407	3220	3224	3225	rBV	371	300	0.05%	0.007%
82	11.416	3225	3227	3229	rVB2	429	232	0.04%	0.006%
83	11.567	3263	3274	3296	rBV2	121636	203096	32.97%	4.824%
84	11.905	3377	3379	3382	rBV2	390	198	0.03%	0.005%
85	12.181	3461	3465	3467	rBV2	561	384	0.06%	0.009%
86	12.259	3486	3489	3491	rBV3	517	218	0.04%	0.005%
87	12.333	3510	3512	3514	rBV	491	212	0.03%	0.005%
88	12.593	3586	3593	3602	rVB4	5868	8912	1.45%	0.212%
89	12.728	3633	3635	3640	rVB2	546	289	0.05%	0.007%
90	12.760	3642	3645	3649	rVB	374	266	0.04%	0.006%
91	12.818	3659	3663	3667	rBV2	485	460	0.07%	0.011%
92	12.915	3691	3693	3695	rBV2	429	195	0.03%	0.005%
93	13.117	3754	3756	3760	rBV2	473	340	0.06%	0.008%
94	13.146	3763	3765	3767	rVV	369	208	0.03%	0.005%
95	13.178	3771	3775	3777	rBV3	529	452	0.07%	0.011%
96	13.210	3778	3785	3797	rVB5	9057	13930	2.26%	0.331%
97	13.448	3848	3859	3870	rBV	26124	42658	6.93%	1.013%
98	13.689	3925	3934	3948	rVB3	11915	19797	3.21%	0.470%
99	13.866	3986	3989	3992	rBV2	749	574	0.09%	0.014%
100	14.078	4053	4055	4058	rBV2	528	373	0.06%	0.009%

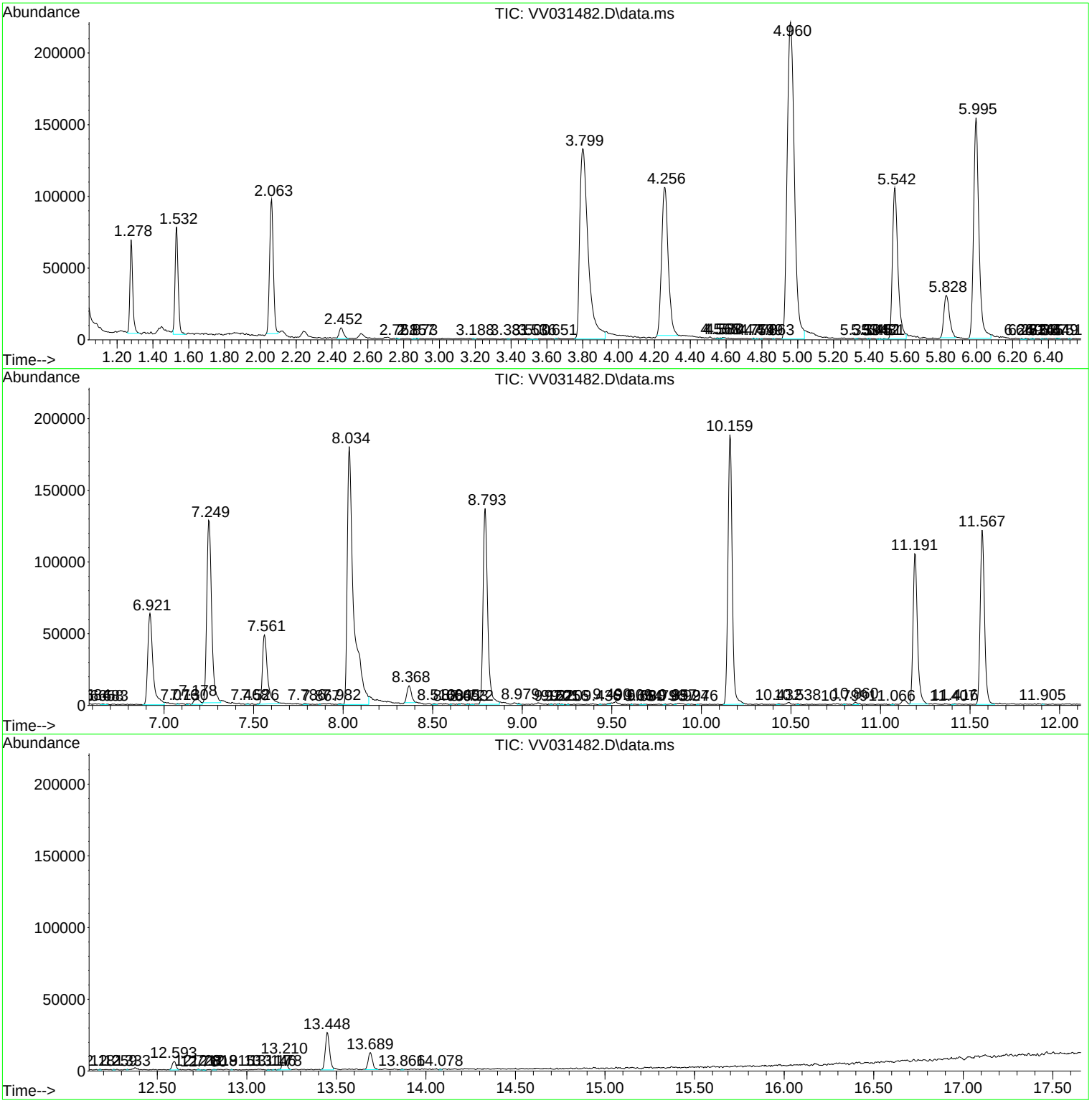
Sum of corrected areas: 4210016

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
Data File : VV031482.D
Acq On : 09 Jun 2023 05:13
Operator : SY/MD
Sample : BLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK36

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
Data File : VV031482.D
Acq On : 09 Jun 2023 05:13
Operator : SY/MD
Sample : BLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK36

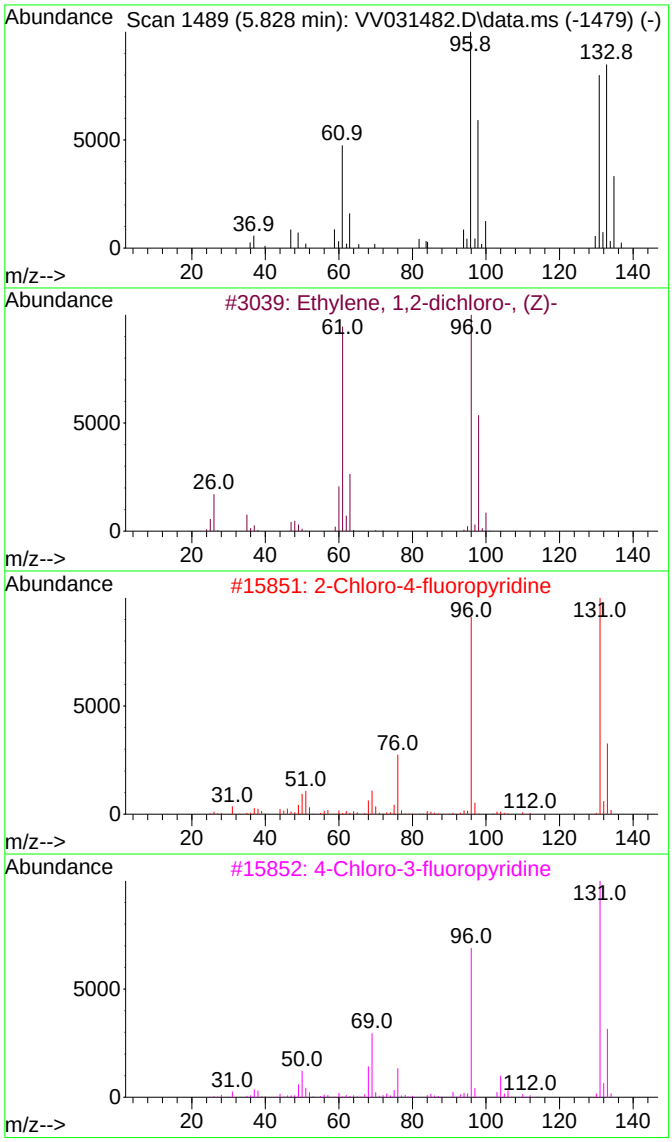
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Quant Title : VOC Analysis

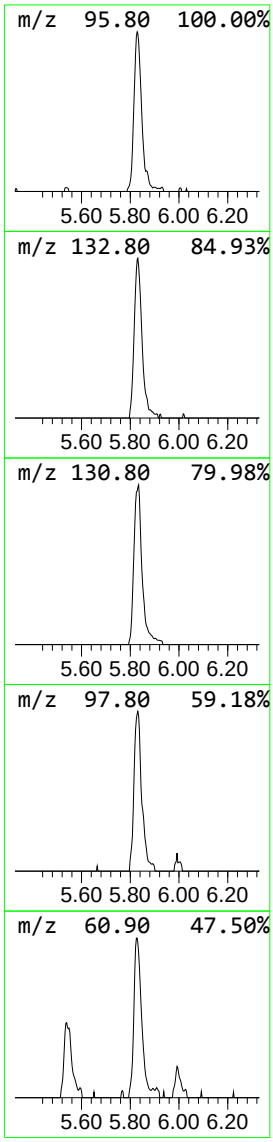
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.828	14.46 ug/L	64522	1,4-Difluorobenzene	5.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	32
3	4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	27
4	2-Chloro-5-methylthiazole	133	C4H4ClNS	033342-65-3	27
5	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
Data File : VV031482.D
Acq On : 09 Jun 2023 05:13
Operator : SY/MD
Sample : BLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK36

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Quant Title : VOC Analysis

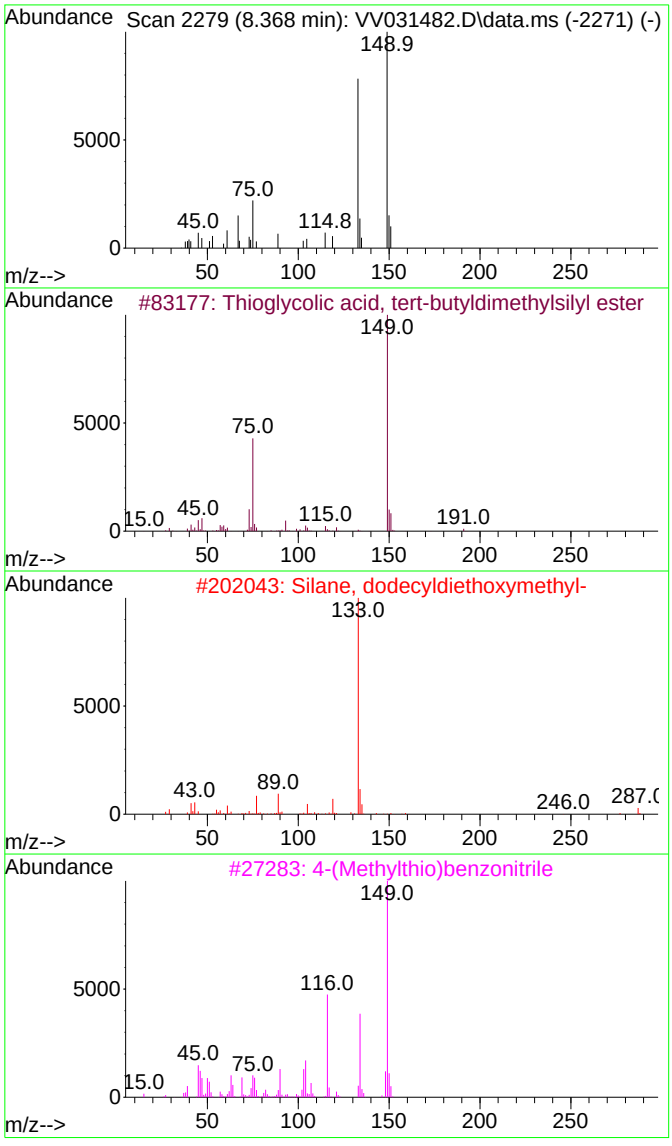
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

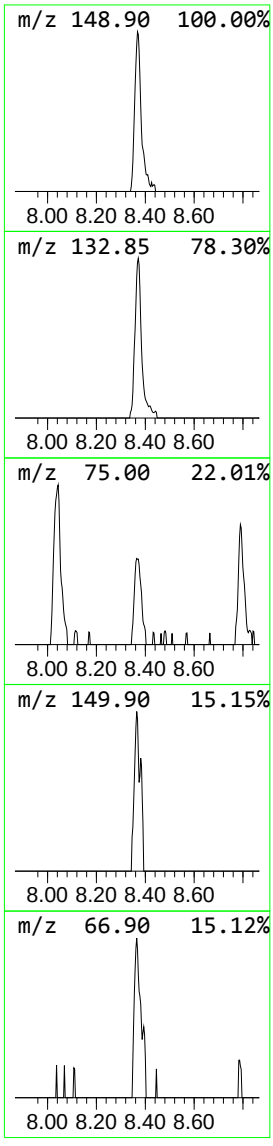
****

Peak Number 3 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.368	4.06 ug/L	19710	Chlorobenzene-d5	8.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thioglycolic acid, tert-butyldim...	206	C8H18O2SSi	1000476-01-2	37
2	Silane, dodecyldiethoxymethyl-	302	C17H38O2Si	060317-40-0	27
3	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	17
4	1H-Indole-3-thiol	149	C8H7NS	000480-94-4	17
5	Silane, diethoxymethyloctadecyl-	386	C23H50O2Si	067859-75-0	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
Data File : VV031482.D
Acq On : 09 Jun 2023 05:13
Operator : SY/MD
Sample : BLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK36

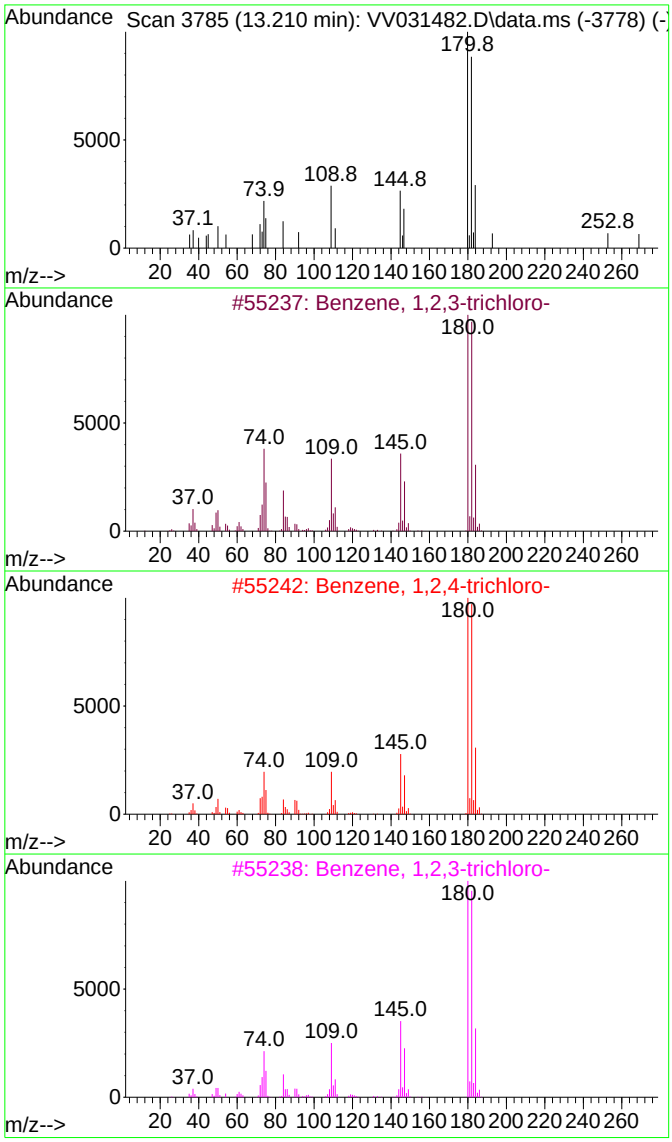
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Quant Title : VOC Analysis

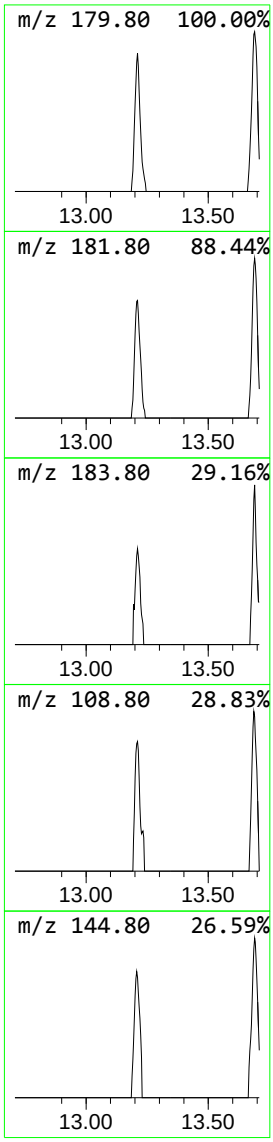
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3-trichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	3.88 ug/L	13930	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	94
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	94
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	94
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
Data File : VV031482.D
Acq On : 09 Jun 2023 05:13
Operator : SY/MD
Sample : BLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK36

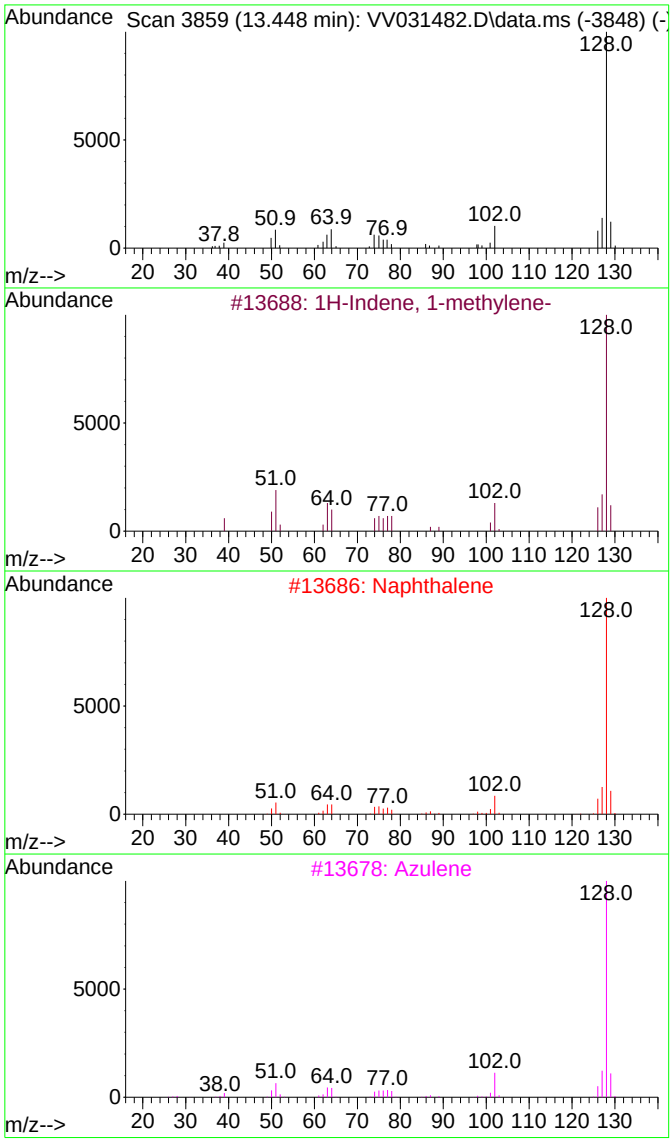
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Quant Title : VOC Analysis

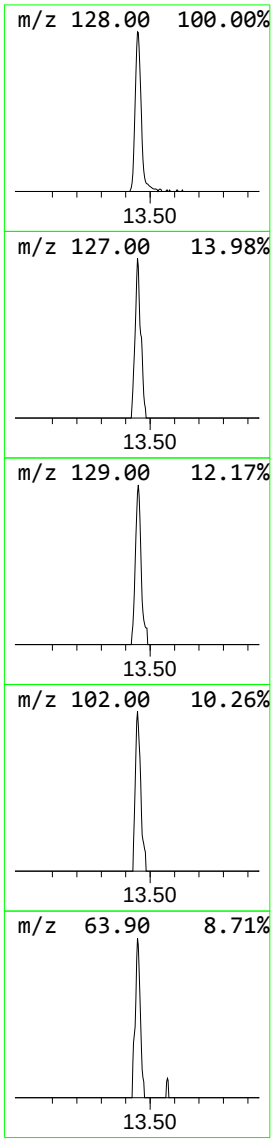
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 1-methylene- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.448	11.89 ug/L	42658	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	94
2	Naphthalene	128	C10H8	000091-20-3	91
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
Data File : VV031482.D
Acq On : 09 Jun 2023 05:13
Operator : SY/MD
Sample : BLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK36

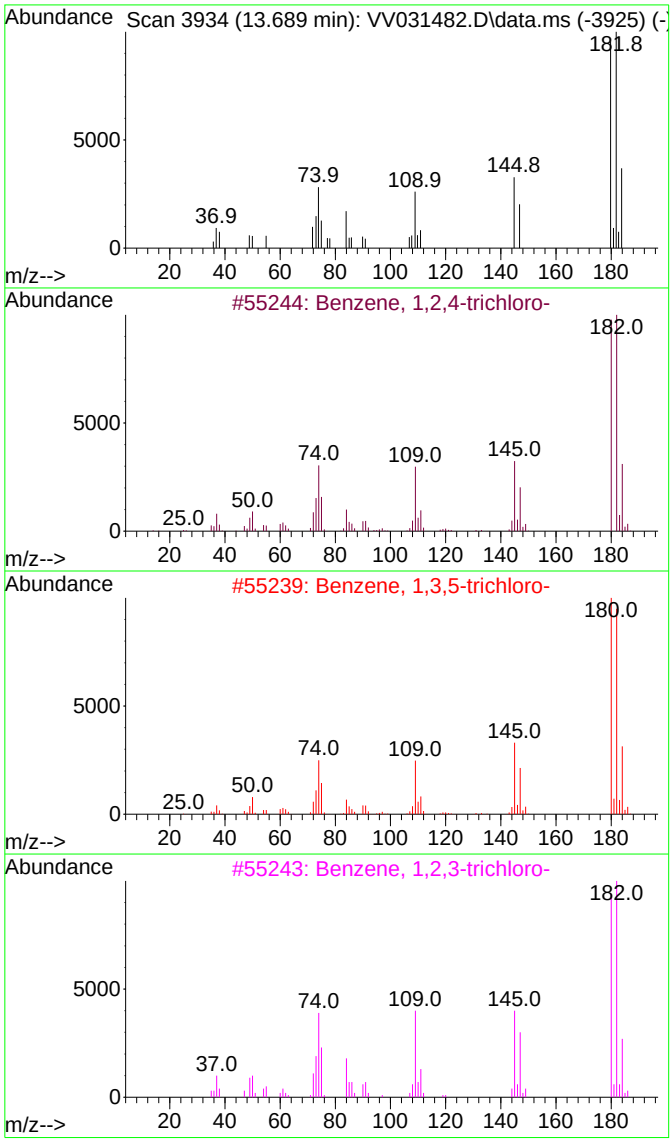
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Quant Title : VOC Analysis

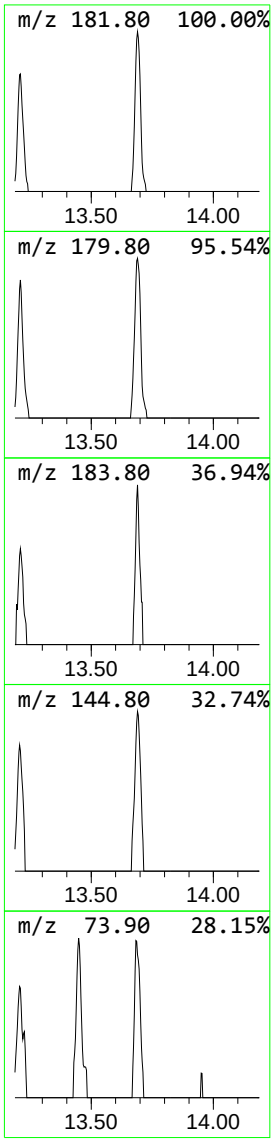
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,4-trichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.689	5.52 ug/L	19797	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	95
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
Data File : VV031482.D
Acq On : 09 Jun 2023 05:13
Operator : SY/MD
Sample : BLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK36

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.828	14.5	ug/L	64522	1	5.542	223047	50.0
unknown-02	8.368	4.1	ug/L	19710	2	8.793	243008	50.0
Benzene, 1,2,3-...	13.210	3.9	ug/L	13930	3	11.191	179379	50.0
1H-Indene, 1-me...	13.448	11.9	ug/L	42658	3	11.191	179379	50.0
Benzene, 1,2,4-...	13.689	5.5	ug/L	19797	3	11.191	179379	50.0