LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
Data File : VV036791.D
Acq On : 05 Aug 2024 16:47
Operator : SY/MD
Sample : P3437-16
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Z6

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\SFAMVLM080224WMA.M
Title : VOC Analysis

Signal : TIC: VV036791.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	92	rVB	291423	312213	14.85%	1.884%
2	1.532	146	153	171	rVB	238949	286666	13.64%	1.730%
3	2.060	307	317	330	rBV	487652	702415	33.42%	4.239%
4	3.339	712	715	717	rBV3	1061	584	0.03%	0.004%
5	3.799	849	858	901	rBV	117229	337418	16.05%	2.036%
6	4.175	972	975	979	rBV4	1055	793	0.04%	0.005%
7	4.246	980	997	1028	rVV	323581	826316	39.32%	4.987%
8	4.391	1040	1042	1045	rBV3	986	614	0.03%	0.004%
9	4.545	1087	1090	1093	rBV4	1189	733	0.03%	0.004%
10	4.722	1141	1145	1149	rBV6	899	881	0.04%	0.005%
11	4.767	1154	1159	1164	rVB7	1197	938	0.04%	0.006%
12	4.828	1174	1178	1183	rVB6	547	573	0.03%	0.003%
13	4.854	1183	1186	1191	rVB5	872	854	0.04%	0.005%
14	4.950	1200	1216	1244	rBV2	848035	2101769	100.00%	12.684%
15	5.378	1347	1349	1353	rVB3	1005	603	0.03%	0.004%
16	5.404	1353	1357	1358	rBV4	1013	746	0.04%	0.005%
17	5.532	1384	1397	1427	rBV	655971	1343127	63.90%	8.106%
18	5.822	1476	1487	1507	rBV2	29092	67544	3.21%	0.408%
19	5.986	1524	1538	1571	rBV	460834	956947	45.53%	5.775%
20	6.259	1621	1623	1629	rVB6	787	606	0.03%	0.004%
21	6.349	1648	1651	1655	rBV5	881	590	0.03%	0.004%
22	6.471	1685	1689	1693	rBV5	1480	1336	0.06%	0.008%
23	6.590	1723	1726	1729	rBV3	820	568	0.03%	0.003%
24	6.661	1746	1748	1753	rVB5	1273	877	0.04%	0.005%
25	6.686	1753	1756	1757	rBV3	1055	629	0.03%	0.004%
26	6.738	1768	1772	1773	rBV4	1375	835	0.04%	0.005%
27	6.912	1814	1826	1858	rBV	274258	523190	24.89%	3.157%
28	7.076	1875	1877	1879	rBV2	1133	543	0.03%	0.003%
29	7.240	1917	1928	1963	rBV	969902	1720941	81.88%	10.386%
30	7.551	2014	2025	2048	rBV	182005	332992	15.84%	2.010%
31	7.802	2100	2103	2108	rVB6	1015	748	0.04%	0.005%
32	7.847	2113	2117	2120	rBV4	1239	926	0.04%	0.006%
33	7.918	2137	2139	2141	rVB2	1002	530	0.03%	0.003%
34	7.989	2157	2161	2164	rBV5	643	519	0.02%	0.003%
35	8.027	2164	2173	2221	rBV2	339177	732891	34.87%	4.423%
36	8.683	2374	2377	2380	rBV4	913	561	0.03%	0.003%

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Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Z6

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\SFAMVLM080224WMA.M
Title : VOC Analysis

37	8.719	2384	2388	2389	rBV3	774	511	0.02%	0.003%
38	8.780	2396	2407	2438	rBV	988415	1630695	77.59%	9.841%
39	8.979	2467	2469	2474	rBV7	1093	572	0.03%	0.003%
40	9.047	2485	2490	2493	rBV6	1474	1616	0.08%	0.010%
41	9.188	2531	2534	2541	rBV5	1025	1075	0.05%	0.006%
42	9.239	2545	2550	2554	rVB5	797	811	0.04%	0.005%
43	9.268	2554	2559	2562	rBV5	820	754	0.04%	0.005%
44	9.320	2573	2575	2579	rVB3	1036	678	0.03%	0.004%
45	9.365	2585	2589	2593	rBV5	793	940	0.04%	0.006%
46	9.487	2623	2627	2631	rVV4	1041	947	0.05%	0.006%
47	9.542	2642	2644	2650	rVB7	666	563	0.03%	0.003%
48	9.837	2734	2736	2740	rVB4	1328	983	0.05%	0.006%
49	9.866	2740	2745	2746	rBV3	1393	925	0.04%	0.006%
50	9.966	2770	2776	2778	rBV5	913	845	0.04%	0.005%
51	10.037	2794	2798	2804	rVB4	772	765	0.04%	0.005%
52	10.066	2804	2807	2811	rBV3	958	734	0.03%	0.004%
53	10.149	2818	2833	2851	rBV	505407	803778	38.24%	4.851%
54	10.448	2922	2926	2927	rBV3	780	533	0.03%	0.003%
55	10.503	2939	2943	2945	rBV3	995	976	0.05%	0.006%
56	10.789	3028	3032	3039	rVB7	1057	1167	0.06%	0.007%
57	10.821	3039	3042	3046	rVB5	995	592	0.03%	0.004%
58	10.969	3085	3088	3092	rVB3	1100	906	0.04%	0.005%
59	10.992	3092	3095	3097	rBV3	922	634	0.03%	0.004%
60	11.056	3113	3115	3119	rBV3	639	529	0.03%	0.003%
61	11.114	3130	3133	3135	rBV3	1127	770	0.04%	0.005%
62	11.181	3142	3154	3185	rBV	1016865	1606893	76.45%	9.698%
63	11.554	3257	3270	3298	rBV	963559	1511222	71.90%	9.120%
64	11.892	3370	3375	3376	rBV4	1248	808	0.04%	0.005%
65	11.940	3384	3390	3394	rBV6	1468	1777	0.08%	0.011%
66	11.969	3396	3399	3401	rBV3	1055	625	0.03%	0.004%
67	12.165	3456	3460	3463	rBV5	1293	1246	0.06%	0.008%
68	12.326	3504	3510	3511	rBV4	847	780	0.04%	0.005%
69	12.416	3534	3538	3542	rBV6	675	556	0.03%	0.003%
70	12.596	3589	3594	3598	rBV5	1480	1375	0.07%	0.008%
71	12.747	3638	3641	3646	rVB4	768	543	0.03%	0.003%
72	12.779	3646	3651	3655	rBV7	917	990	0.05%	0.006%
73	12.799	3655	3657	3660	rVV3	770	535	0.03%	0.003%
74	12.825	3660	3665	3673	rVV8	1787	2334	0.11%	0.014%
75	12.895	3683	3687	3690	rBV5	611	526	0.03%	0.003%
76	12.918	3690	3694	3697	rBV4	748	649	0.03%	0.004%

LSC Area Percent Report

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Sample : P3437-16
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Z6

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\SFAMVLM080224WMA.M
Title : VOC Analysis

77	13.101	3746	3751	3753	rBV4	866	828	0.04%	0.005%
78	13.194	3777	3780	3781	rBV3	994	557	0.03%	0.003%
79	13.207	3781	3784	3790	rVV7	1917	1746	0.08%	0.011%
80	13.345	3825	3827	3832	rBV2	621	533	0.03%	0.003%
81	13.439	3846	3856	3881	rVV	85338	154285	7.34%	0.931%
82	13.574	3896	3898	3901	rVB3	1320	565	0.03%	0.003%
83	13.612	3907	3910	3916	rVB7	623	695	0.03%	0.004%
84	13.686	3930	3933	3941	rVB8	2140	2524	0.12%	0.015%
85	13.722	3941	3944	3949	rBV6	974	748	0.04%	0.005%
86	13.747	3949	3952	3955	rVB4	1465	876	0.04%	0.005%
87	13.779	3958	3962	3964	rBV3	1004	612	0.03%	0.004%
88	13.831	3974	3978	3981	rVV5	1274	962	0.05%	0.006%
89	13.866	3985	3989	3992	rBV5	1046	843	0.04%	0.005%
90	14.255	4108	4110	4114	rBV4	842	615	0.03%	0.004%
91	14.332	4130	4134	4137	rBV5	944	798	0.04%	0.005%
92	14.570	4198	4208	4228	rBV	63566	112551	5.36%	0.679%
93	14.754	4256	4265	4282	rBV2	25964	44210	2.10%	0.267%
94	15.304	4427	4436	4446	rBV	23514	40629	1.93%	0.245%
95	15.493	4486	4495	4507	rBV5	7943	15898	0.76%	0.096%
96	15.603	4522	4529	4542	rBV5	11852	23979	1.14%	0.145%
97	15.747	4568	4574	4580	rBV3	11503	17017	0.81%	0.103%
98	16.416	4773	4782	4796	rBV	93607	147614	7.02%	0.891%
99	16.721	4869	4877	4896	rVB	51757	89516	4.26%	0.540%
100	17.320	5056	5063	5078	rBV2	38927	66098	3.14%	0.399%

Sum of corrected areas: 16569873

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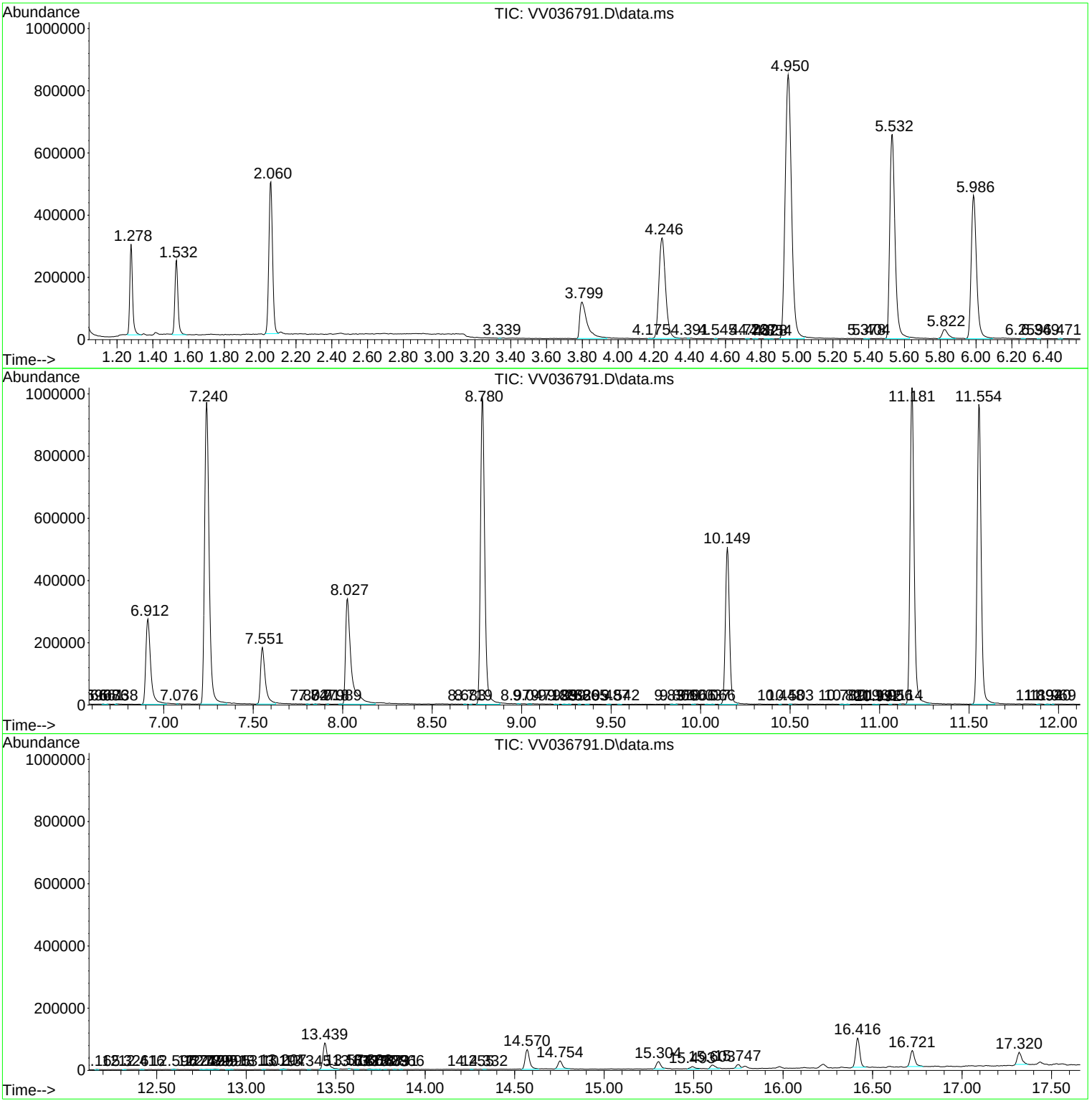
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Z6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

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



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

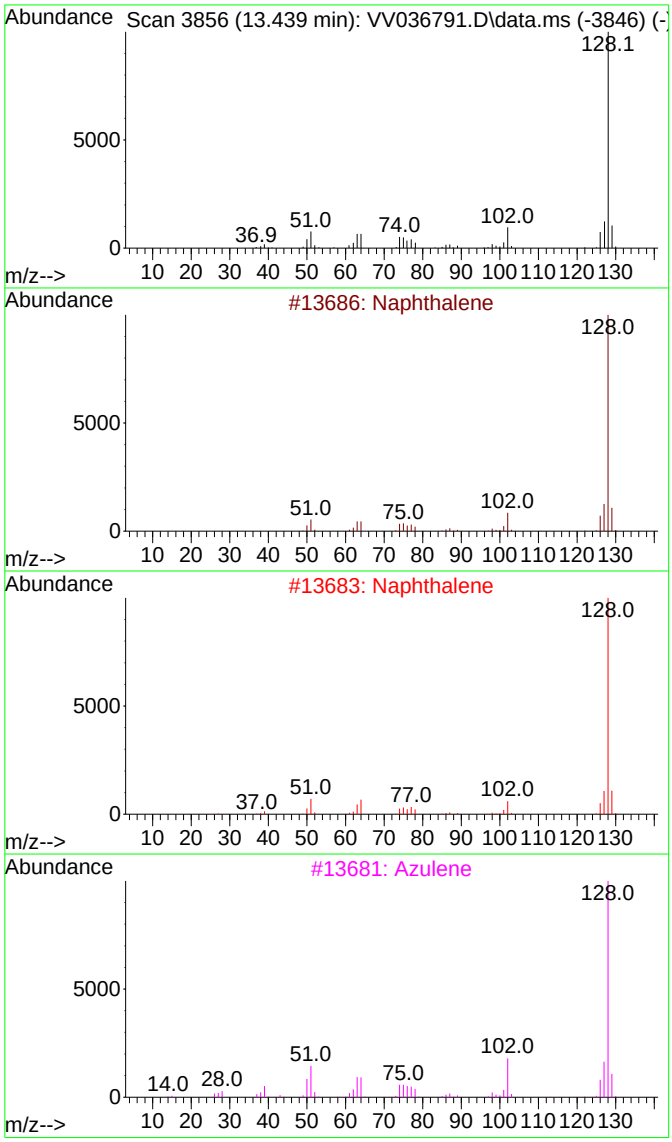
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

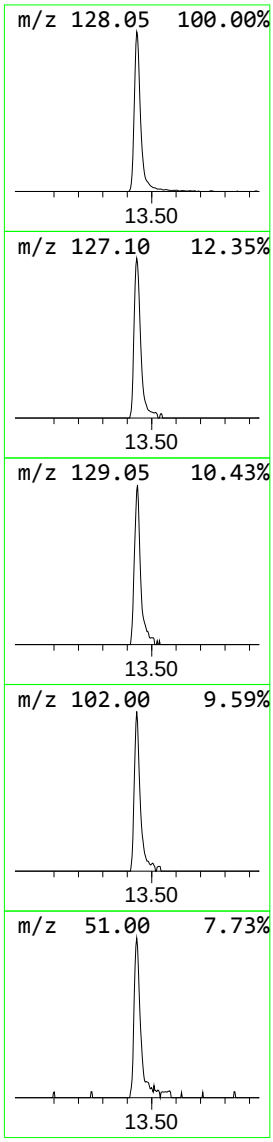
****

Peak Number 3 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.439	4.80 ug/L	154285	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	95
3	Azulene	128	C10H8	000275-51-4	94
4	Naphthalene	128	C10H8	000091-20-3	93
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
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Sample : P3437-16
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E05Z6

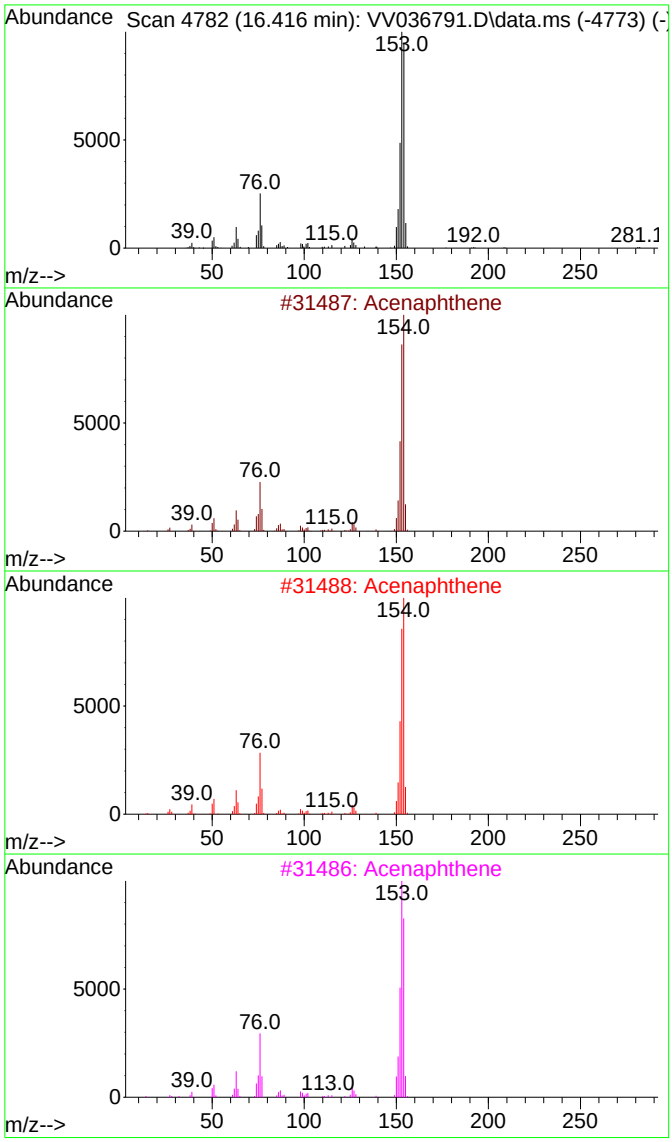
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

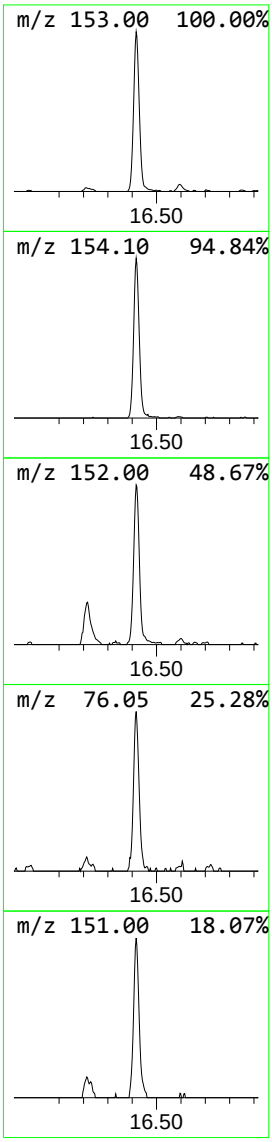
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.416	4.59 ug/L	147614	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	95
2	Acenaphthene	154	C12H10	000083-32-9	90
3	Acenaphthene	154	C12H10	000083-32-9	89
4	Acenaphthene	154	C12H10	000083-32-9	81
5	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64





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Instrument :
MSVOA_V
ClientSampleId :
E05Z6

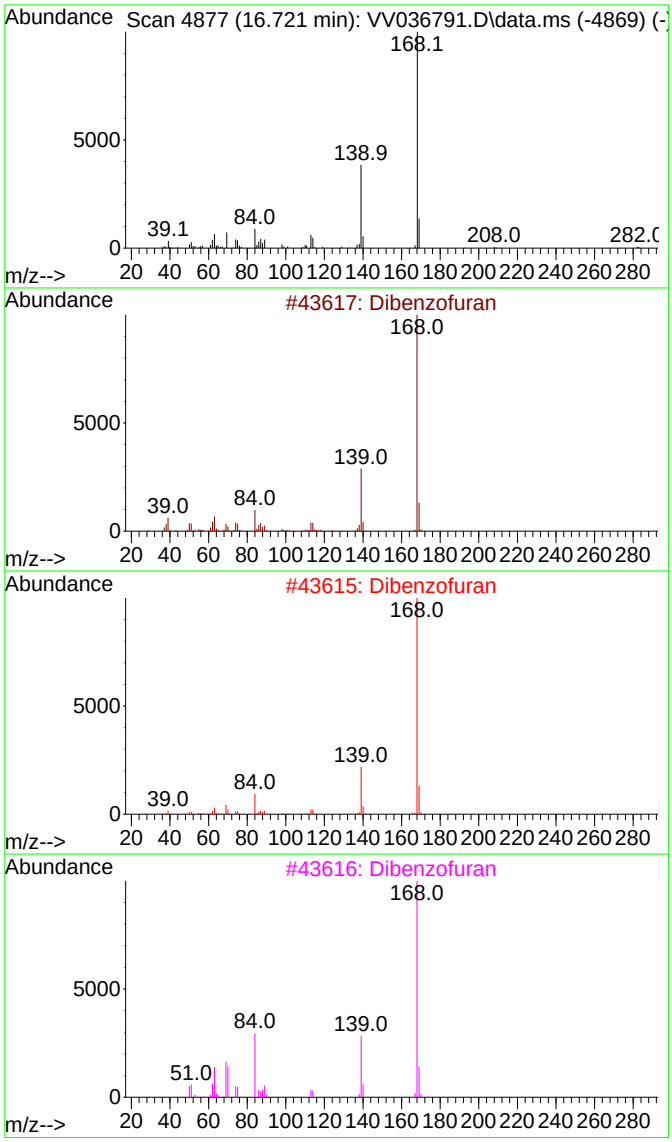
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

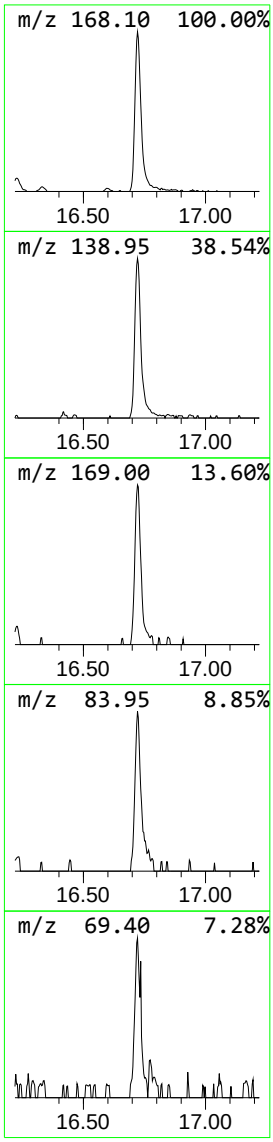
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3,5-Dimethoxybenzyl alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.721	2.79 ug/L	89516	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	93
2	Dibenzofuran	168	C12H8O	000132-64-9	86
3	Dibenzofuran	168	C12H8O	000132-64-9	72
4	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	50
5	Quinoline-4-carbonitrile, 2-methyl-	168	C11H8N2	1000317-19-2	50





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.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
Azulene	13.439	4.8	ug/L	154285	3	11.182	1606890	50.0
1,4-Ethenonapht...	16.416	4.6	ug/L	147614	3	11.182	1606890	50.0
3,5-Dimethoxybe...	16.721	2.8	ug/L	89516	3	11.182	1606890	50.0