LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090821\
Data File : VV022124.D
Acq On : 08 Sep 2021 13:09
Operator : SY/MD
Sample : M3651-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKN1

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\SFAMVLM082721WMA.M
Title : VOC Analysis

Signal : TIC: VV022124.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.301	75	81	101	rVB	174891	187060	14.38%	1.822%
2	1.565	156	163	178	rVB	148507	166596	12.80%	1.622%
3	2.105	321	331	375	rVB	317125	489697	37.63%	4.769%
4	2.584	477	480	482	rBV2	343	196	0.02%	0.002%
5	2.661	497	504	506	rBV4	903	991	0.08%	0.010%
6	2.876	568	571	573	rBV	436	182	0.01%	0.002%
7	2.986	602	605	610	rVB2	495	322	0.02%	0.003%
8	3.044	620	623	627	rBV2	302	237	0.02%	0.002%
9	3.523	769	772	774	rVV	349	224	0.02%	0.002%
10	3.539	775	777	782	rVB3	576	372	0.03%	0.004%
11	3.700	824	827	831	rBV2	471	306	0.02%	0.003%
12	3.745	838	841	843	rBV	274	189	0.01%	0.002%
13	3.786	848	854	855	rBV2	292	201	0.02%	0.002%
14	3.818	861	864	868	rBV2	328	257	0.02%	0.003%
15	3.841	868	871	875	rBV2	399	266	0.02%	0.003%
16	3.892	876	887	924	rBV	102161	311636	23.95%	3.035%
17	4.349	1014	1029	1058	rBV2	202267	503573	38.70%	4.904%
18	4.629	1113	1116	1120	rVB2	543	394	0.03%	0.004%
19	4.654	1120	1124	1126	rBV2	380	293	0.02%	0.003%
20	4.671	1126	1129	1132	rVV3	418	302	0.02%	0.003%
21	4.790	1163	1166	1169	rBV2	236	228	0.02%	0.002%
22	5.047	1230	1246	1276	rBV2	516955	1301217	100.00%	12.673%
23	5.368	1344	1346	1348	rBV3	548	273	0.02%	0.003%
24	5.407	1355	1358	1360	rBV3	454	285	0.02%	0.003%
25	5.507	1387	1389	1393	rVB2	411	213	0.02%	0.002%
26	5.548	1396	1402	1405	rBV2	458	352	0.03%	0.003%
27	5.577	1408	1411	1412	rBV2	412	214	0.02%	0.002%
28	5.619	1412	1424	1448	rBV	340475	685475	52.68%	6.676%
29	5.908	1507	1514	1531	rVB3	12731	25614	1.97%	0.249%
30	6.018	1537	1548	1551	rBV3	6777	12888	0.99%	0.126%
31	6.072	1554	1565	1589	rVB	287704	592727	45.55%	5.773%
32	6.420	1671	1673	1676	rBV2	334	229	0.02%	0.002%
33	6.452	1680	1683	1688	rVV5	485	338	0.03%	0.003%
34	6.571	1717	1720	1722	rBV3	497	298	0.02%	0.003%
35	6.587	1722	1725	1726	rBV	402	258	0.02%	0.003%
36	6.635	1737	1740	1743	rBV3	742	701	0.05%	0.007%

LSC Area Percent Report

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Sample : M3651-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKN1

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\SFAMVLM082721WMA.M
Title : VOC Analysis

37	6.744	1771	1774	1779	rBV2	233	225	0.02%	0.002%
38	6.796	1786	1790	1795	rVB2	660	445	0.03%	0.004%
39	6.822	1795	1798	1800	rBV	346	203	0.02%	0.002%
40	6.863	1808	1811	1814	rBV	308	207	0.02%	0.002%
41	6.899	1818	1822	1826	rVB3	388	250	0.02%	0.002%
42	6.921	1826	1829	1832	rBV3	584	427	0.03%	0.004%
43	6.989	1837	1850	1872	rBV	153350	276480	21.25%	2.693%
44	7.317	1940	1952	1971	rBV	601950	1054034	81.00%	10.265%
45	7.577	2029	2033	2036	rBV2	373	330	0.03%	0.003%
46	7.625	2037	2048	2074	rVV	101722	181016	13.91%	1.763%
47	7.876	2123	2126	2130	rBV2	342	335	0.03%	0.003%
48	7.924	2138	2141	2142	rBV	448	241	0.02%	0.002%
49	7.998	2161	2164	2166	rBV2	350	209	0.02%	0.002%
50	8.092	2183	2193	2226	rBV	370831	674866	51.86%	6.573%
51	8.420	2291	2295	2298	rBV3	416	352	0.03%	0.003%
52	8.436	2298	2300	2302	rVV2	402	189	0.01%	0.002%
53	8.706	2380	2384	2389	rBV3	449	438	0.03%	0.004%
54	8.728	2389	2391	2396	rVB2	320	218	0.02%	0.002%
55	8.764	2396	2402	2406	rBV4	478	425	0.03%	0.004%
56	8.793	2406	2411	2415	rBV2	277	290	0.02%	0.003%
57	8.854	2419	2430	2455	rBV	502847	826789	63.54%	8.052%
58	9.069	2495	2497	2501	rVV5	389	214	0.02%	0.002%
59	9.088	2501	2503	2506	rVB2	451	191	0.01%	0.002%
60	9.149	2515	2522	2529	rBV6	1113	1807	0.14%	0.018%
61	9.307	2568	2571	2576	rVB2	272	190	0.01%	0.002%
62	9.346	2579	2583	2585	rBV	392	251	0.02%	0.002%
63	9.423	2604	2607	2610	rBV	288	196	0.02%	0.002%
64	9.548	2641	2646	2651	rBV3	424	553	0.04%	0.005%
65	9.648	2672	2677	2679	rBV2	457	414	0.03%	0.004%
66	9.870	2743	2746	2748	rVB2	432	201	0.02%	0.002%
67	9.985	2779	2782	2783	rBV2	476	240	0.02%	0.002%
68	10.018	2785	2792	2801	rVV4	2879	4724	0.36%	0.046%
69	10.130	2819	2827	2842	rVB5	4199	7390	0.57%	0.072%
70	10.217	2842	2854	2875	rBV	390152	619882	47.64%	6.037%
71	10.352	2887	2896	2925	rBV2	76915	172845	13.28%	1.683%
72	10.645	2978	2987	3013	rBV	120260	213142	16.38%	2.076%
73	11.021	3102	3104	3107	rBV3	692	497	0.04%	0.005%
74	11.249	3165	3175	3194	rVB	526731	807512	62.06%	7.864%
75	11.535	3257	3264	3272	rBV9	3336	5216	0.40%	0.051%
76	11.625	3281	3292	3310	rBV	602964	946782	72.76%	9.221%

LSC Area Percent Report

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Operator : SY/MD
Sample : M3651-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKN1

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\SFAMVLM082721WMA.M
Title : VOC Analysis

77	12.098	3431	3439	3441	rBV4	1536	1705	0.13%	0.017%
78	12.207	3470	3473	3475	rBV	387	237	0.02%	0.002%
79	12.252	3480	3487	3493	rVV6	1408	2205	0.17%	0.021%
80	12.378	3522	3526	3528	rBV2	713	552	0.04%	0.005%
81	12.468	3548	3554	3564	rVB2	5266	7116	0.55%	0.069%
82	12.519	3567	3570	3572	rBV	673	428	0.03%	0.004%
83	12.554	3578	3581	3583	rBV2	431	312	0.02%	0.003%
84	12.886	3667	3684	3695	rBV2	16249	25437	1.95%	0.248%
85	13.008	3720	3722	3727	rVB3	607	399	0.03%	0.004%
86	13.050	3730	3735	3743	rVB4	2677	3321	0.26%	0.032%
87	13.223	3780	3789	3798	rBV8	1755	3312	0.25%	0.032%
88	13.265	3800	3802	3803	rBV	601	241	0.02%	0.002%
89	13.342	3819	3826	3830	rBV5	1506	1874	0.14%	0.018%
90	13.371	3830	3835	3840	rVB4	2441	2842	0.22%	0.028%
91	13.509	3870	3878	3889	rBV4	5488	9709	0.75%	0.095%
92	13.683	3927	3932	3937	rBV3	1061	1250	0.10%	0.012%
93	13.773	3956	3960	3967	rVB3	1235	1461	0.11%	0.014%
94	13.911	3999	4003	4013	rVB3	3649	4747	0.36%	0.046%
95	14.088	4052	4058	4070	rBV7	3743	6742	0.52%	0.066%
96	14.191	4088	4090	4093	rBV	506	228	0.02%	0.002%
97	14.426	4161	4163	4164	rBV2	624	176	0.01%	0.002%
98	15.670	4541	4550	4561	rBV4	10516	18194	1.40%	0.177%
99	15.815	4590	4595	4600	rBV8	4791	5875	0.45%	0.057%
100	16.487	4796	4804	4815	rVB	54642	84801	6.52%	0.826%

Sum of corrected areas: 10267984

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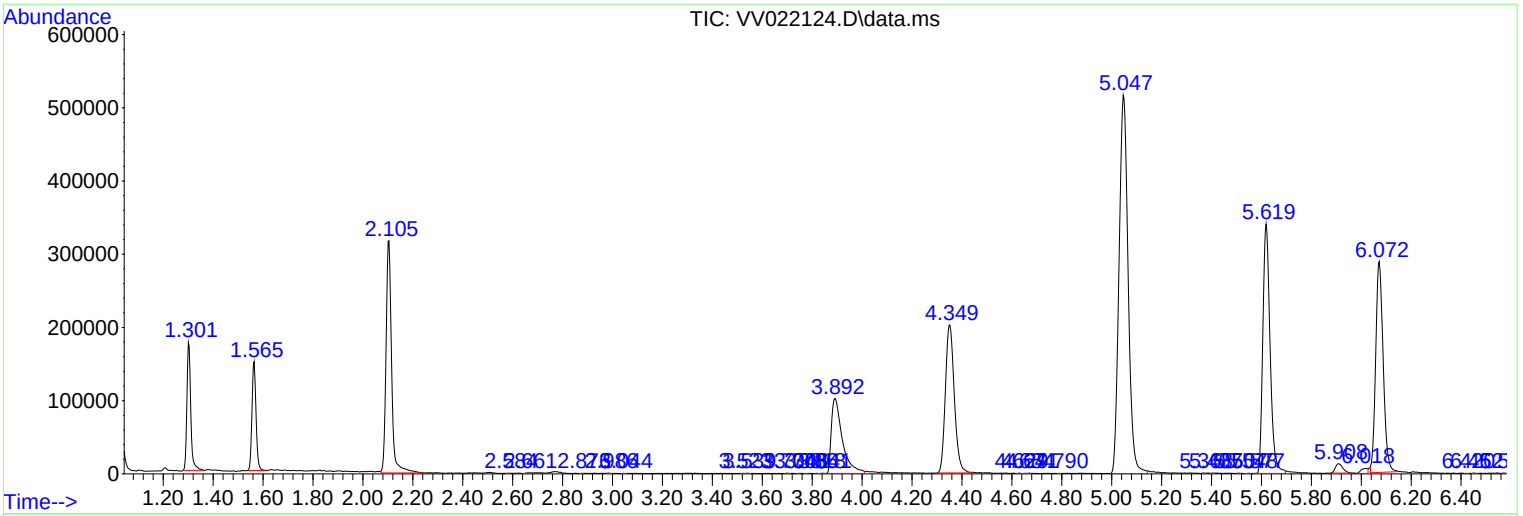
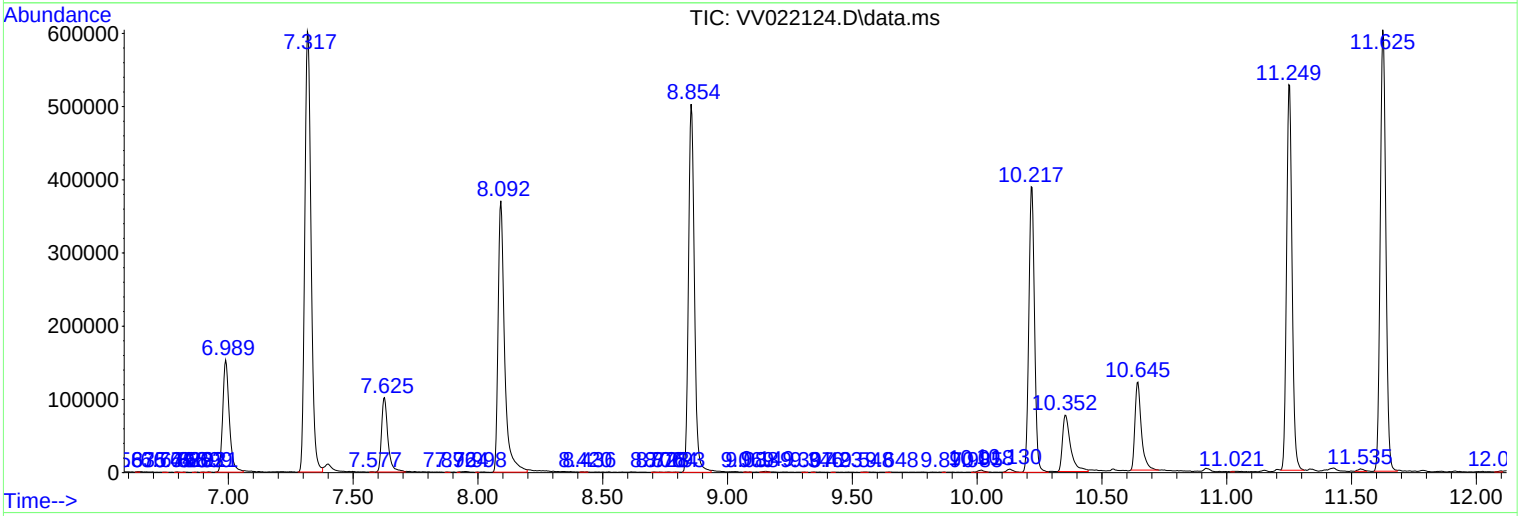
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

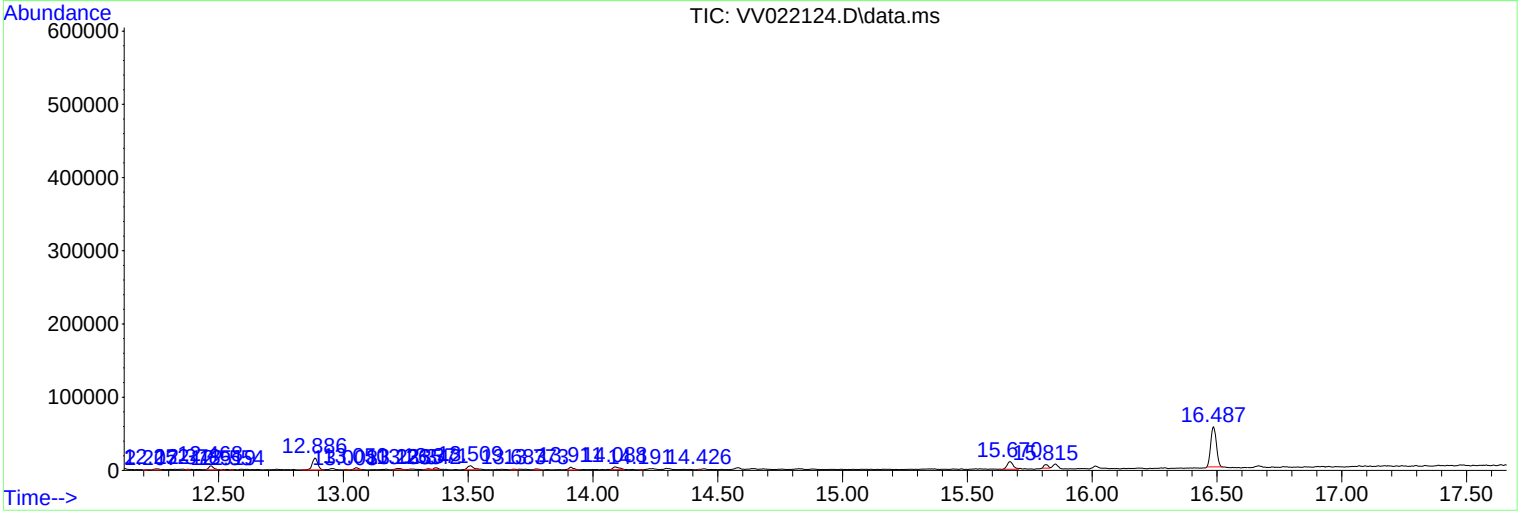
Instrument :
MSVOA_V
ClientSampleId :
DBKN1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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







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Instrument : MSVOA_V
ClientSampleId : DBKN1

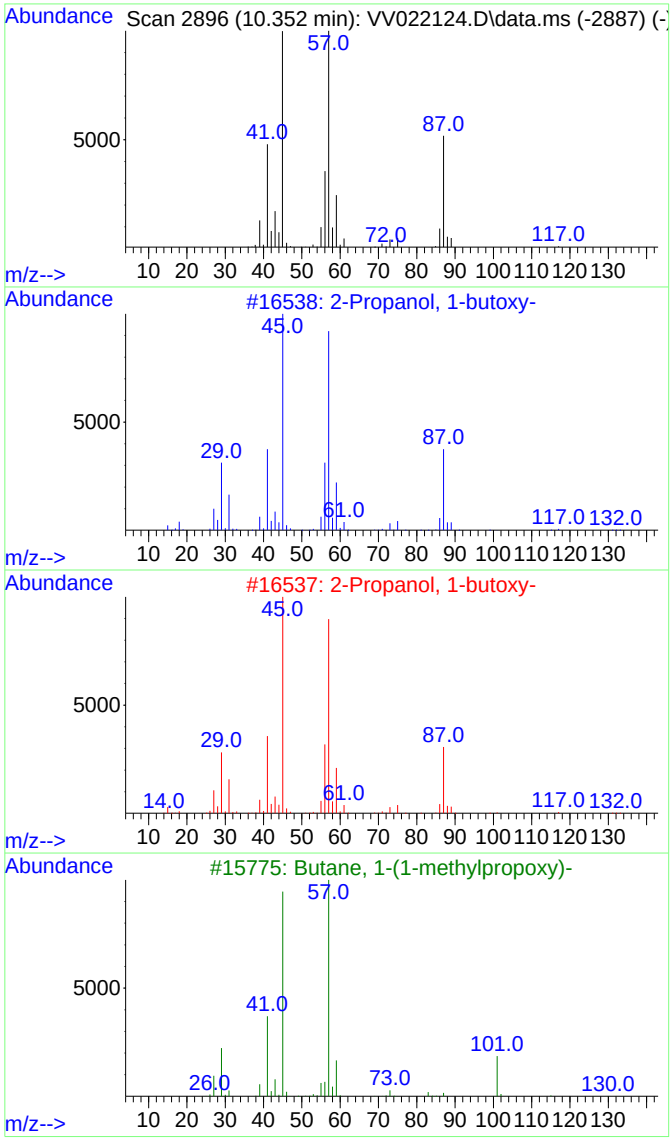
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

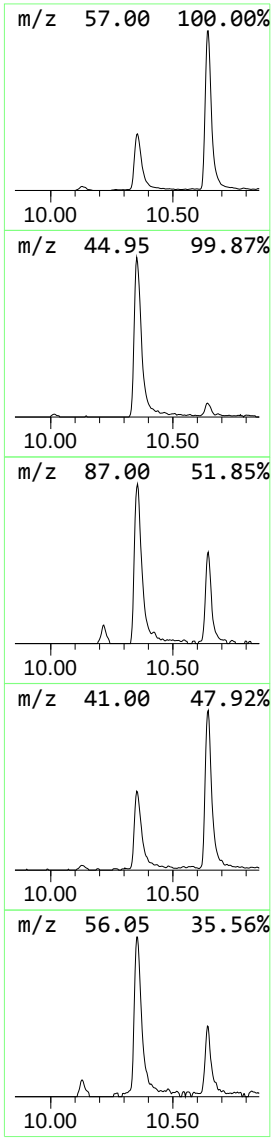
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Propanol, 1-butoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.352	10.70 ug/L	172845	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	78
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	47
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	42
5	4-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-79-2	42





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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKN1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

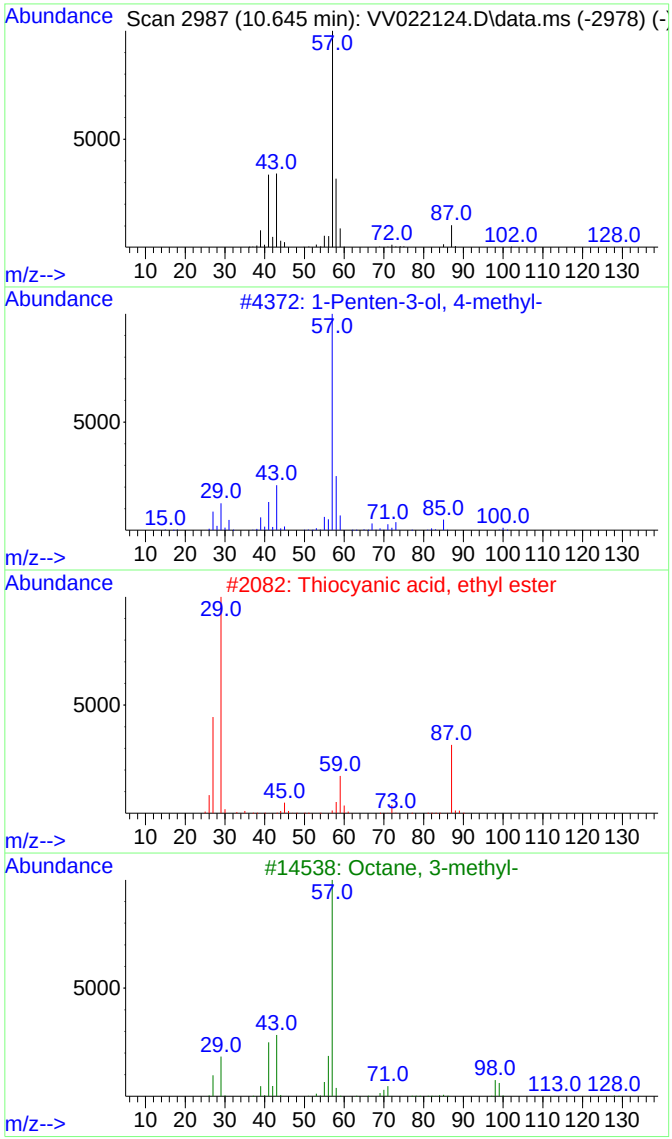
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

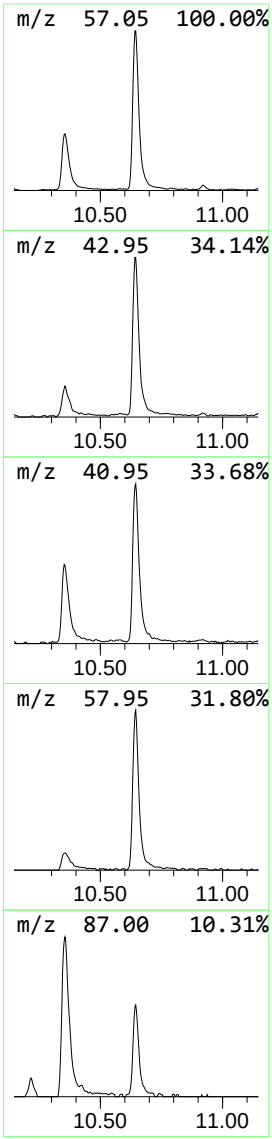
****

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	13.20 ug/L	213142	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 4-methyl-	100	C6H12O	004798-45-2	38
2	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9
3	Octane, 3-methyl-	128	C9H20	002216-33-3	9
4	Pivalic acid vinyl ester	128	C7H12O2	003377-92-2	9
5	2-Butanone, 1-chloro-3,3-dimethyl-	134	C6H11ClO	013547-70-1	9





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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKN1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

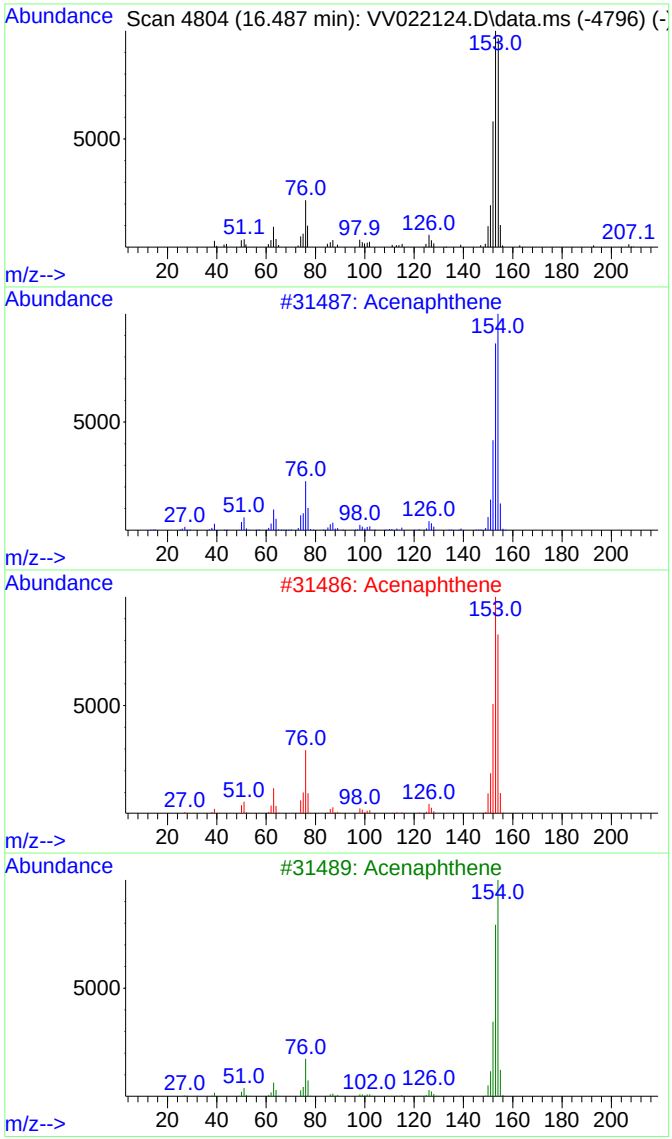
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

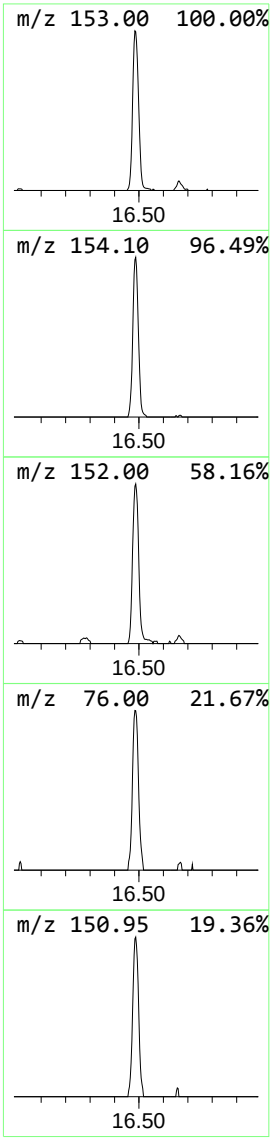
****

Peak Number 4 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	5.25 ug/L	84801	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	90
2	Acenaphthene	154	C12H10	000083-32-9	70
3	Acenaphthene	154	C12H10	000083-32-9	68
4	Acenaphthene	154	C12H10	000083-32-9	64
5	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	62





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_V
ClientSampleId : DBKN1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.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
2-Propanol, 1-b...	10.352	10.7	ug/L	172845	3	11.249	807512	50.0
unknown-01	10.645	13.2	ug/L	213142	3	11.249	807512	50.0
Hexa-2,4-diyn-1...	16.487	5.3	ug/L	84801	3	11.249	807512	50.0