LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022080.D
Acq On : 02 Sep 2021 16:59
Operator : SY/MD
Sample : M3608-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK3

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: VV022080.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	76	82	102	rVB	161280	168127	13.32%	1.542%
2	1.561	155	162	174	rVB	136504	154754	12.26%	1.419%
3	2.105	322	331	346	rBV	297696	423148	33.52%	3.881%
4	2.291	384	389	403	rVB3	1905	2972	0.24%	0.027%
5	2.568	470	475	479	rBV3	454	443	0.04%	0.004%
6	2.658	500	503	508	rVV2	253	261	0.02%	0.002%
7	2.754	531	533	535	rBV2	475	238	0.02%	0.002%
8	2.851	558	563	566	rBV2	342	262	0.02%	0.002%
9	2.867	566	568	572	rBV2	345	234	0.02%	0.002%
10	2.950	591	594	597	rBV3	418	328	0.03%	0.003%
11	3.179	663	665	672	rVB	260	165	0.01%	0.002%
12	3.269	687	693	694	rBV2	345	267	0.02%	0.002%
13	3.301	698	703	710	rBV	288	363	0.03%	0.003%
14	3.455	745	751	754	rVB2	164	166	0.01%	0.002%
15	3.484	754	760	762	rBV	140	137	0.01%	0.001%
16	3.574	783	788	791	rBV	196	160	0.01%	0.001%
17	3.690	822	824	829	rVB2	320	236	0.02%	0.002%
18	3.716	829	832	835	rBV	271	149	0.01%	0.001%
19	3.812	857	862	864	rBV	204	163	0.01%	0.001%
20	3.880	874	883	926	rBV2	103253	284144	22.51%	2.606%
21	4.352	1013	1030	1055	rBV	198390	492620	39.03%	4.518%
22	4.645	1118	1121	1122	rBV	293	186	0.01%	0.002%
23	4.834	1175	1180	1182	rBV3	462	391	0.03%	0.004%
24	4.931	1207	1210	1213	rBV2	329	195	0.02%	0.002%
25	4.976	1221	1224	1229	rBV	278	231	0.02%	0.002%
26	5.047	1229	1246	1279	rBV2	496495	1262245	100.00%	11.577%
27	5.265	1312	1314	1317	rVB2	446	200	0.02%	0.002%
28	5.307	1325	1327	1329	rVB2	320	142	0.01%	0.001%
29	5.532	1393	1397	1400	rBV2	316	281	0.02%	0.003%
30	5.558	1400	1405	1407	rBV2	242	223	0.02%	0.002%
31	5.619	1410	1424	1452	rBV	426208	851567	67.46%	7.810%
32	5.912	1504	1515	1539	rVB3	12171	27881	2.21%	0.256%
33	6.072	1551	1565	1593	rBV	275910	563459	44.64%	5.168%
34	6.297	1632	1635	1637	rVB3	347	200	0.02%	0.002%
35	6.320	1639	1642	1647	rVV2	271	169	0.01%	0.002%
36	6.342	1647	1649	1657	rVB3	276	222	0.02%	0.002%

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Instrument : MSVOA_V
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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

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Peak separation: 5

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

37	6.519	1702	1704	1708	rBV	198	138	0.01%	0.001%
38	6.751	1772	1776	1779	rVB2	302	232	0.02%	0.002%
39	6.899	1820	1822	1826	rVB2	234	146	0.01%	0.001%
40	6.928	1826	1831	1833	rBV2	128	128	0.01%	0.001%
41	6.989	1838	1850	1875	rBV	155029	285471	22.62%	2.618%
42	7.239	1925	1928	1933	rVB3	572	368	0.03%	0.003%
43	7.262	1933	1935	1939	rVB2	415	203	0.02%	0.002%
44	7.317	1939	1952	1971	rBV	604949	1043438	82.67%	9.570%
45	7.625	2038	2048	2069	rBV	105538	183019	14.50%	1.679%
46	7.783	2094	2097	2102	rBV4	435	413	0.03%	0.004%
47	7.809	2102	2105	2111	rVB3	493	427	0.03%	0.004%
48	7.883	2123	2128	2130	rVB	310	211	0.02%	0.002%
49	7.902	2130	2134	2139	rBV2	218	273	0.02%	0.003%
50	7.928	2139	2142	2144	rBV2	268	195	0.02%	0.002%
51	7.982	2150	2159	2169	rVB5	3730	6052	0.48%	0.056%
52	8.088	2182	2192	2230	rBV	328769	605191	47.95%	5.551%
53	8.561	2336	2339	2343	rBV	225	166	0.01%	0.002%
54	8.596	2347	2350	2354	rVV2	295	169	0.01%	0.002%
55	8.792	2407	2411	2413	rBV2	249	152	0.01%	0.001%
56	8.854	2418	2430	2457	rBV	610037	1002067	79.39%	9.190%
57	9.091	2502	2504	2506	rBV2	458	234	0.02%	0.002%
58	9.146	2514	2521	2536	rVB4	3275	5078	0.40%	0.047%
59	9.403	2598	2601	2604	rBV3	258	149	0.01%	0.001%
60	9.542	2641	2644	2645	rBV	506	261	0.02%	0.002%
61	9.625	2667	2670	2677	rBV2	364	233	0.02%	0.002%
62	9.680	2684	2687	2690	rBV3	243	149	0.01%	0.001%
63	9.940	2762	2768	2769	rBV3	339	368	0.03%	0.003%
64	10.101	2814	2818	2820	rBV	258	163	0.01%	0.001%
65	10.133	2820	2828	2836	rVV3	2466	4064	0.32%	0.037%
66	10.217	2843	2854	2873	rBV	383271	612131	48.50%	5.614%
67	10.458	2923	2929	2933	rBV3	628	780	0.06%	0.007%
68	10.548	2950	2957	2963	rBV3	900	1455	0.12%	0.013%
69	10.661	2990	2992	2996	rVB2	337	193	0.02%	0.002%
70	10.735	3013	3015	3020	rVB3	467	367	0.03%	0.003%
71	10.837	3044	3047	3050	rBV2	338	194	0.02%	0.002%
72	10.921	3064	3073	3090	rVB3	3908	6664	0.53%	0.061%
73	11.030	3104	3107	3109	rVV2	348	182	0.01%	0.002%
74	11.149	3135	3144	3146	rBV3	1109	1464	0.12%	0.013%
75	11.249	3164	3175	3195	rBV	635589	984837	78.02%	9.032%
76	11.493	3248	3251	3253	rBV	274	146	0.01%	0.001%

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK3

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

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

77	11.532	3254	3263	3273	rVV2	11382	17817	1.41%	0.163%
78	11.625	3280	3292	3315	rBV	594937	941057	74.55%	8.631%
79	11.751	3325	3331	3342	rVB2	9574	13166	1.04%	0.121%
80	12.072	3429	3431	3434	rBV	383	234	0.02%	0.002%
81	12.159	3456	3458	3463	rVB3	274	178	0.01%	0.002%
82	12.349	3514	3517	3519	rBV2	365	224	0.02%	0.002%
83	12.358	3519	3520	3524	rBV3	623	573	0.05%	0.005%
84	12.477	3549	3557	3567	rBV3	3041	4632	0.37%	0.042%
85	12.593	3589	3593	3594	rBV2	326	200	0.02%	0.002%
86	12.648	3606	3610	3619	rVV4	1142	1543	0.12%	0.014%
87	12.728	3630	3635	3643	rVB4	737	958	0.08%	0.009%
88	12.799	3652	3657	3665	rBV2	373	442	0.04%	0.004%
89	12.886	3678	3684	3693	rBV5	1431	2083	0.17%	0.019%
90	12.943	3699	3702	3703	rBV	245	138	0.01%	0.001%
91	13.050	3727	3735	3742	rBV4	4316	6010	0.48%	0.055%
92	13.169	3770	3772	3775	rVB2	356	180	0.01%	0.002%
93	13.268	3798	3803	3811	rVB6	1635	1877	0.15%	0.017%
94	13.336	3821	3824	3826	rBV2	281	190	0.02%	0.002%
95	13.503	3865	3876	3903	rVB	328748	524118	41.52%	4.807%
96	13.625	3906	3914	3926	rVB	23418	37122	2.94%	0.340%
97	14.635	4219	4228	4245	rVB	66308	102379	8.11%	0.939%
98	14.818	4276	4285	4300	rVB	72590	115477	9.15%	1.059%
99	15.368	4448	4456	4469	rVB2	25969	40731	3.23%	0.374%
100	16.487	4795	4804	4822	rVB2	65379	107479	8.51%	0.986%

Sum of corrected areas: 10903308

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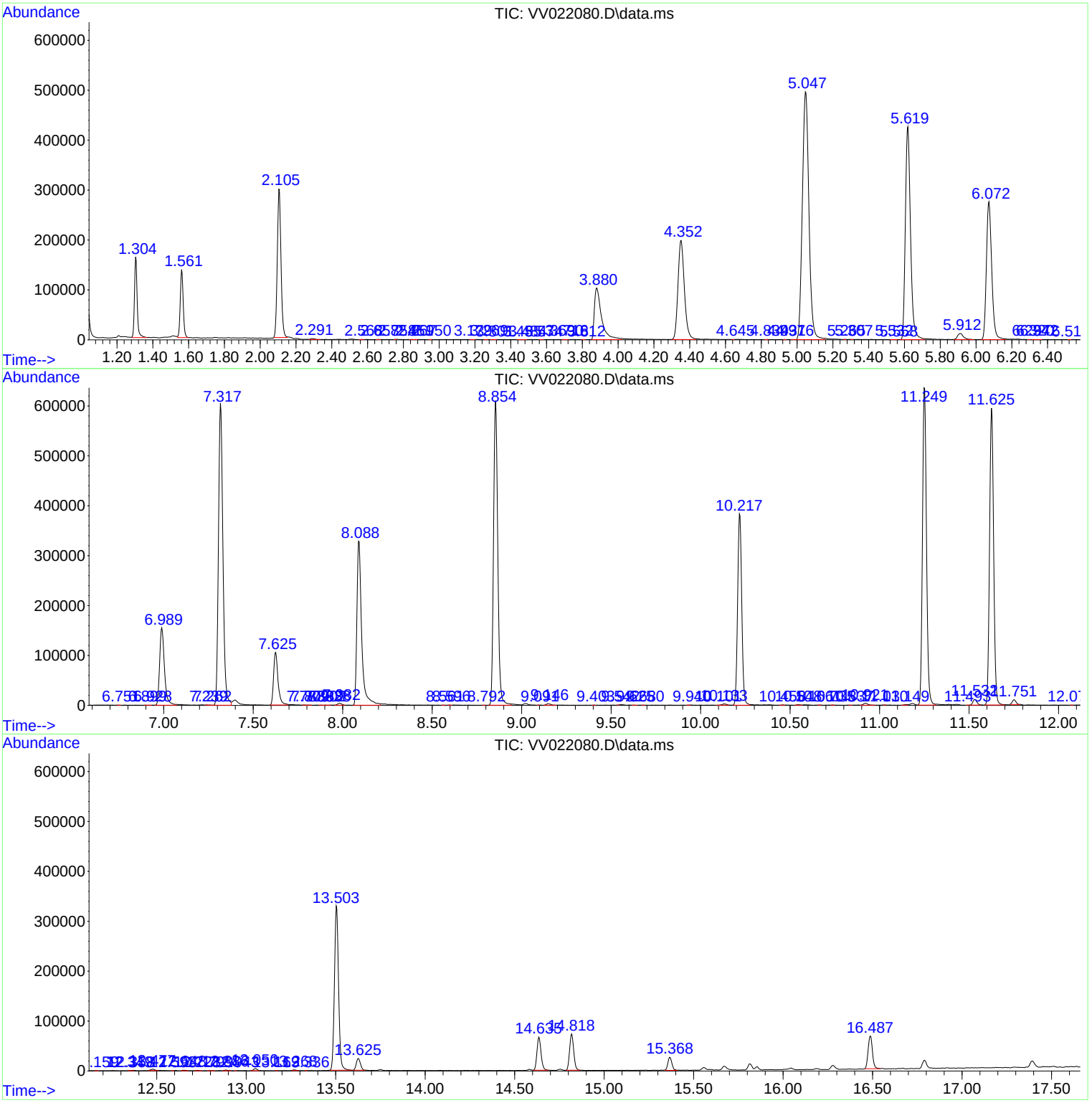
Instrument :
MSVOA_V
ClientSampleId :
DBKK3

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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Quant Title : VOC Analysis

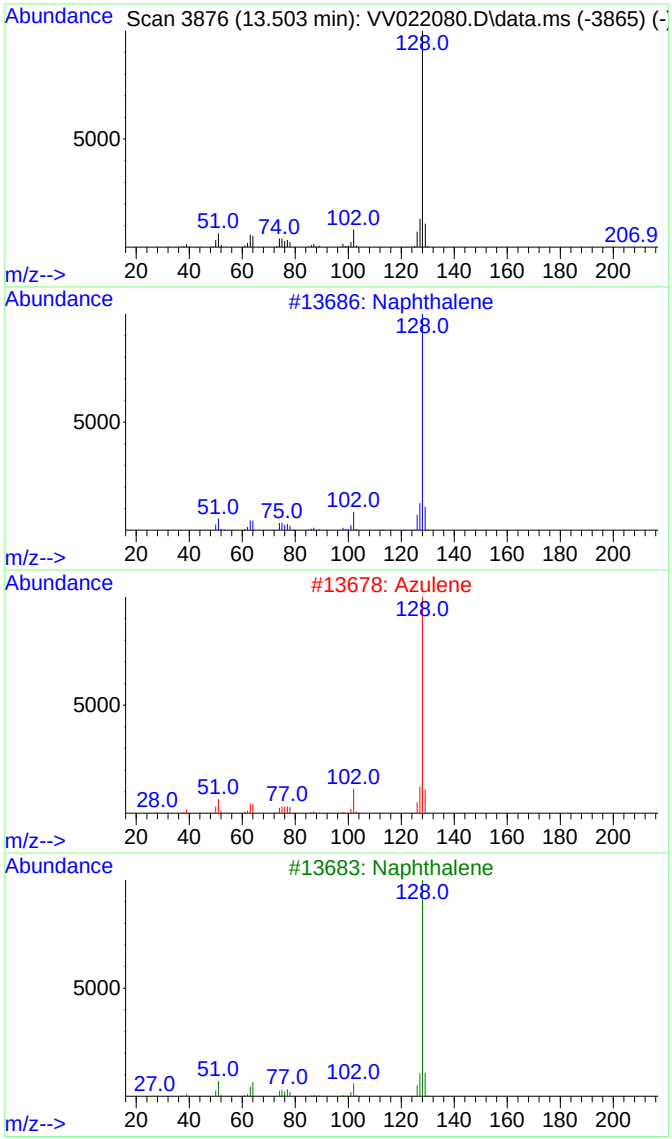
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

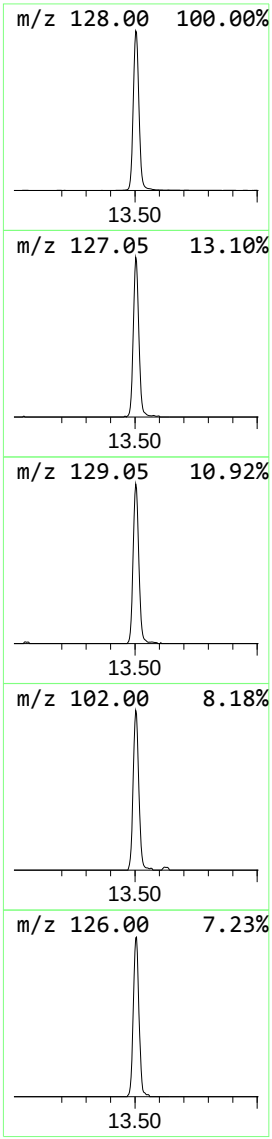
****

Peak Number 2 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	26.61 ug/L	524118	1,4-Dichlorobenzene-d4	11.252

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





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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK3

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

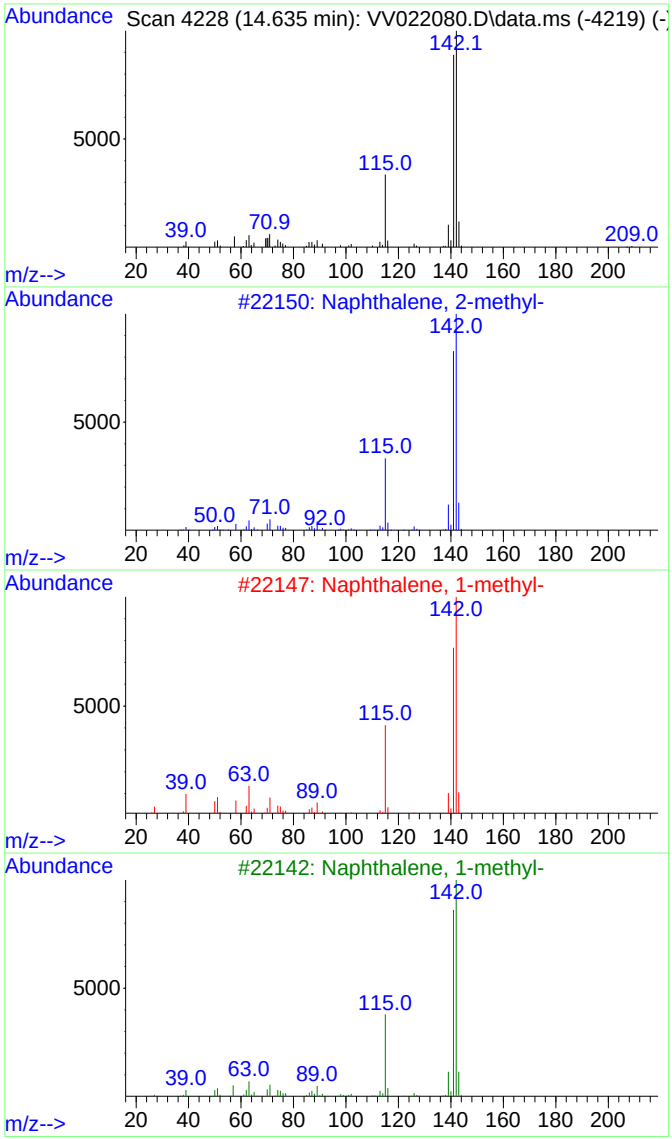
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

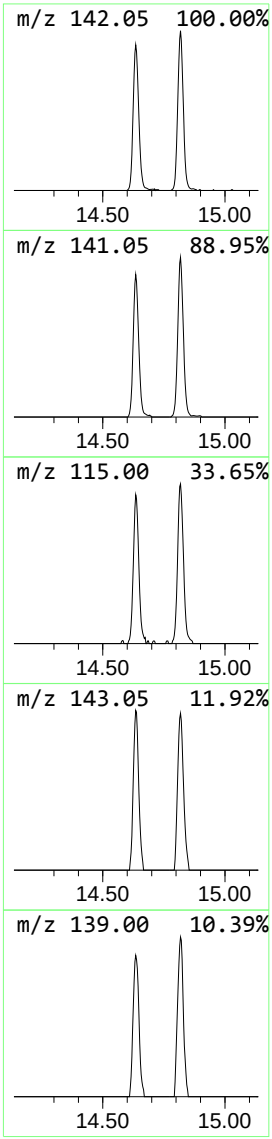
****

Peak Number 3 Benzocycloheptatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	5.20 ug/L	102379	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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ClientSampleId : DBKK3

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

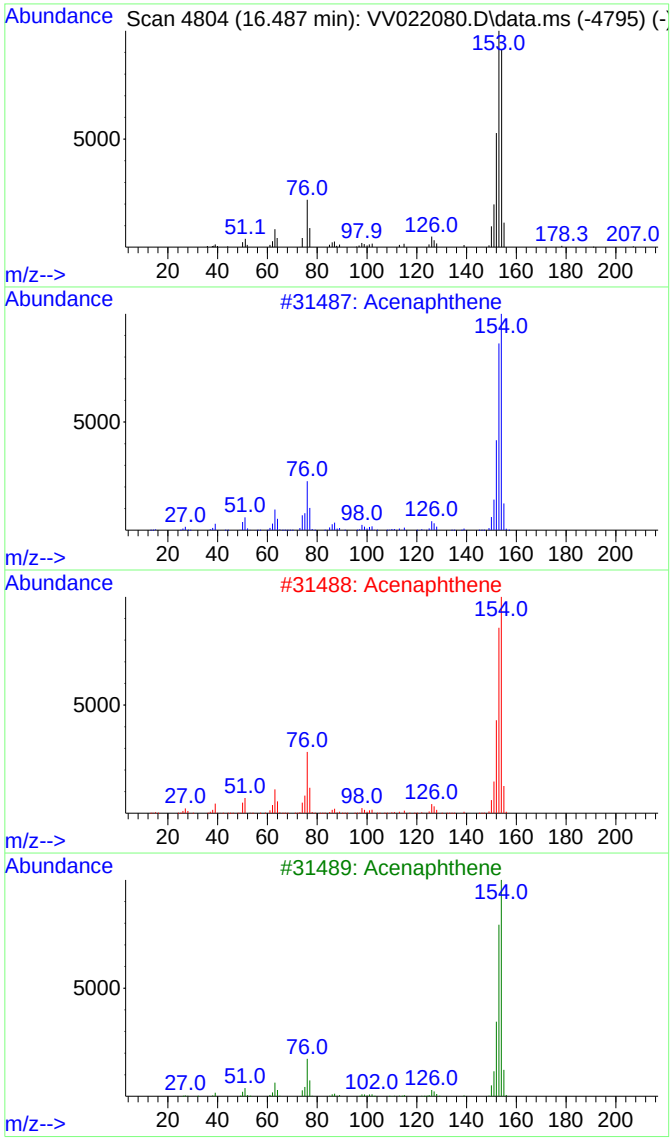
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

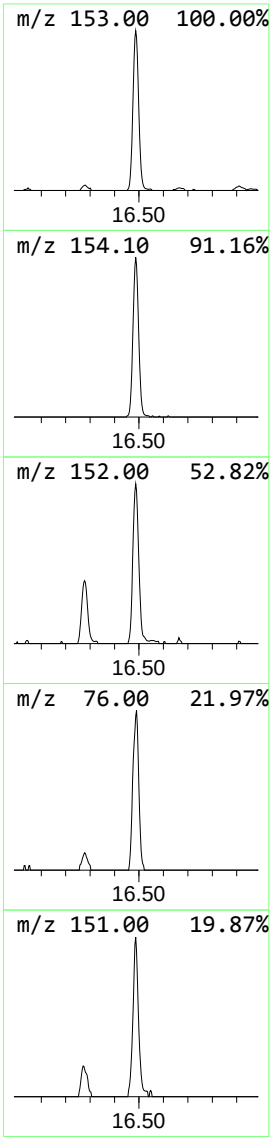
****

Peak Number 5 Naphthalene, 2-ethenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	5.46 ug/L	107479	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	91
2	Acenaphthene	154	C12H10	000083-32-9	91
3	Acenaphthene	154	C12H10	000083-32-9	81
4	Acenaphthene	154	C12H10	000083-32-9	70
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58





Tentatively Identified Compound (LSC) summary

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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
Azulene	13.503	26.6	ug/L	524118	3	11.252	984837	50.0
Benzocyclohepta...	14.635	5.2	ug/L	102379	3	11.252	984837	50.0
Naphthalene, 2-...	16.487	5.5	ug/L	107479	3	11.252	984837	50.0