LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
Data File : VV022019.D
Acq On : 30 Aug 2021 21:53
Operator : SY/MD
Sample : M3566-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKJ0

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: VV022019.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	99	rVB	145362	148499	3.29%	0.945%
2	1.564	156	163	183	rVB	125871	145715	3.22%	0.927%
3	2.105	322	331	345	rBV	253300	366620	8.11%	2.333%
4	2.391	417	420	422	rBV	575	346	0.01%	0.002%
5	2.442	432	436	438	rBV3	412	321	0.01%	0.002%
6	2.500	450	454	456	rBV4	1117	940	0.02%	0.006%
7	2.667	502	506	507	rBV	696	435	0.01%	0.003%
8	2.770	523	538	554	rBV3	6785	14816	0.33%	0.094%
9	2.838	557	559	563	rVB	531	247	0.01%	0.002%
10	3.043	621	623	631	rVB2	417	368	0.01%	0.002%
11	3.397	731	733	737	rBV2	386	207	0.00%	0.001%
12	3.426	738	742	744	rVV	298	231	0.01%	0.001%
13	3.600	792	796	803	rVV2	293	358	0.01%	0.002%
14	3.648	807	811	815	rBV2	332	287	0.01%	0.002%
15	3.770	846	849	853	rVV	246	194	0.00%	0.001%
16	3.876	872	882	916	rBV	101672	270933	5.99%	1.724%
17	4.352	1014	1030	1058	rBV	186642	470697	10.41%	2.996%
18	4.680	1129	1132	1133	rBV2	370	204	0.00%	0.001%
19	4.748	1150	1153	1156	rBV	392	287	0.01%	0.002%
20	4.783	1159	1164	1167	rVV2	308	292	0.01%	0.002%
21	4.857	1183	1187	1191	rBV3	431	341	0.01%	0.002%
22	4.889	1194	1197	1200	rBV	331	237	0.01%	0.002%
23	4.918	1204	1206	1208	rBV2	478	251	0.01%	0.002%
24	5.047	1229	1246	1272	rBV2	461644	1187367	26.27%	7.557%
25	5.381	1349	1350	1354	rVB2	477	212	0.00%	0.001%
26	5.432	1365	1366	1374	rVB2	323	307	0.01%	0.002%
27	5.526	1393	1395	1399	rVB2	337	212	0.00%	0.001%
28	5.619	1411	1424	1455	rBV	397939	806030	17.83%	5.130%
29	5.911	1504	1515	1529	rBV2	17193	36223	0.80%	0.231%
30	6.024	1547	1550	1552	rBV2	456	325	0.01%	0.002%
31	6.072	1552	1565	1585	rBV2	257931	536282	11.86%	3.413%
32	6.310	1636	1639	1643	rBV2	537	462	0.01%	0.003%
33	6.407	1666	1669	1672	rVB2	372	260	0.01%	0.002%
34	6.432	1672	1677	1680	rBV2	305	203	0.00%	0.001%
35	6.484	1691	1693	1697	rVB2	463	208	0.00%	0.001%
36	6.609	1729	1732	1734	rBV	255	198	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
Data File : VV022019.D
Acq On : 30 Aug 2021 21:53
Operator : SY/MD
Sample : M3566-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKJ0

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	6.648	1739	1744	1747	rBV3	866	596	0.01%	0.004%
38	6.706	1758	1762	1763	rBV2	382	255	0.01%	0.002%
39	6.796	1787	1790	1794	rVB	642	406	0.01%	0.003%
40	6.863	1807	1811	1813	rBV	318	231	0.01%	0.001%
41	6.918	1823	1828	1830	rBV3	436	302	0.01%	0.002%
42	6.931	1830	1832	1837	rVB2	481	357	0.01%	0.002%
43	6.989	1839	1850	1874	rBV	136833	254530	5.63%	1.620%
44	7.265	1932	1936	1939	rBV4	492	371	0.01%	0.002%
45	7.320	1941	1953	1971	rBV	567640	982183	21.73%	6.251%
46	7.625	2035	2048	2078	rBV	93067	172409	3.81%	1.097%
47	7.789	2097	2099	2103	rVB2	737	376	0.01%	0.002%
48	7.979	2155	2158	2167	rVB2	797	851	0.02%	0.005%
49	8.037	2173	2176	2178	rBV	460	260	0.01%	0.002%
50	8.091	2183	2193	2224	rBV	306577	572364	12.66%	3.643%
51	8.532	2327	2330	2334	rBV2	643	637	0.01%	0.004%
52	8.571	2338	2342	2347	rVB3	476	410	0.01%	0.003%
53	8.664	2366	2371	2373	rBV	327	250	0.01%	0.002%
54	8.802	2412	2414	2419	rVB2	378	198	0.00%	0.001%
55	8.853	2419	2430	2453	rBV	601628	987577	21.85%	6.285%
56	9.111	2506	2510	2514	rBV3	507	461	0.01%	0.003%
57	9.149	2514	2522	2536	rVV5	4583	7726	0.17%	0.049%
58	9.329	2571	2578	2580	rBV4	561	497	0.01%	0.003%
59	9.477	2621	2624	2629	rVB3	491	365	0.01%	0.002%
60	9.519	2633	2637	2640	rBV2	369	240	0.01%	0.002%
61	9.551	2640	2647	2655	rBV3	2824	4683	0.10%	0.030%
62	9.683	2684	2688	2692	rVV2	286	269	0.01%	0.002%
63	9.722	2696	2700	2703	rBV2	336	281	0.01%	0.002%
64	10.130	2820	2827	2837	rVB3	1879	2997	0.07%	0.019%
65	10.220	2840	2855	2876	rBV	372368	588702	13.02%	3.747%
66	10.313	2881	2884	2890	rBV5	754	897	0.02%	0.006%
67	10.455	2924	2928	2930	rBV2	595	525	0.01%	0.003%
68	10.545	2949	2956	2964	rVV5	792	1449	0.03%	0.009%
69	10.583	2964	2968	2971	rVV4	861	688	0.02%	0.004%
70	10.747	3012	3019	3028	rVB3	2434	3050	0.07%	0.019%
71	10.921	3060	3073	3085	rBV	16593	25404	0.56%	0.162%
72	11.146	3138	3143	3146	rBV2	1053	983	0.02%	0.006%
73	11.252	3164	3176	3194	rBV	674903	1027442	22.73%	6.539%
74	11.532	3256	3263	3274	rVV6	3565	6735	0.15%	0.043%
75	11.628	3280	3293	3314	rBV	606759	967758	21.41%	6.159%
76	11.750	3323	3331	3341	rBV	26033	40421	0.89%	0.257%

LSC Area Percent Report

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Data File : VV022019.D
Acq On : 30 Aug 2021 21:53
Operator : SY/MD
Sample : M3566-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKJ0

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	11.857	3362	3364	3371	rVB3	727	598	0.01%	0.004%
78	11.911	3379	3381	3386	rBV4	758	635	0.01%	0.004%
79	11.943	3387	3391	3396	rVV4	1306	1459	0.03%	0.009%
80	12.021	3407	3415	3432	rVB2	4402	7441	0.16%	0.047%
81	12.117	3436	3445	3457	rVV2	13329	21253	0.47%	0.135%
82	12.320	3503	3508	3514	rBV4	1920	2123	0.05%	0.014%
83	12.365	3515	3522	3532	rVB2	10033	14280	0.32%	0.091%
84	12.419	3534	3539	3546	rVB5	3635	3827	0.08%	0.024%
85	12.471	3546	3555	3570	rBV4	25647	47468	1.05%	0.302%
86	12.731	3628	3636	3643	rBV4	2173	3438	0.08%	0.022%
87	12.885	3671	3684	3695	rBV2	27812	44546	0.99%	0.284%
88	13.053	3726	3736	3748	rBV4	23234	39598	0.88%	0.252%
89	13.220	3782	3788	3796	rVB3	3957	5465	0.12%	0.035%
90	13.271	3799	3804	3811	rVB7	2914	3761	0.08%	0.024%
91	13.503	3863	3876	3900	rBV	3008884	4520397	100.00%	28.769%
92	13.625	3904	3914	3928	rVB	199960	310629	6.87%	1.977%
93	13.914	3997	4004	4014	rVB4	5799	8536	0.19%	0.054%
94	14.094	4052	4060	4071	rVB8	4695	10303	0.23%	0.066%
95	14.442	4161	4168	4169	rBV4	2140	1999	0.04%	0.013%
96	14.580	4203	4211	4221	rBV2	18838	29104	0.64%	0.185%
97	14.818	4274	4285	4301	rBV	421542	667999	14.78%	4.251%
98	15.368	4448	4456	4470	rVB	48028	70771	1.57%	0.450%
99	15.815	4587	4595	4602	rBV3	29527	44555	0.99%	0.284%
100	16.487	4795	4804	4820	rVB	132561	205246	4.54%	1.306%

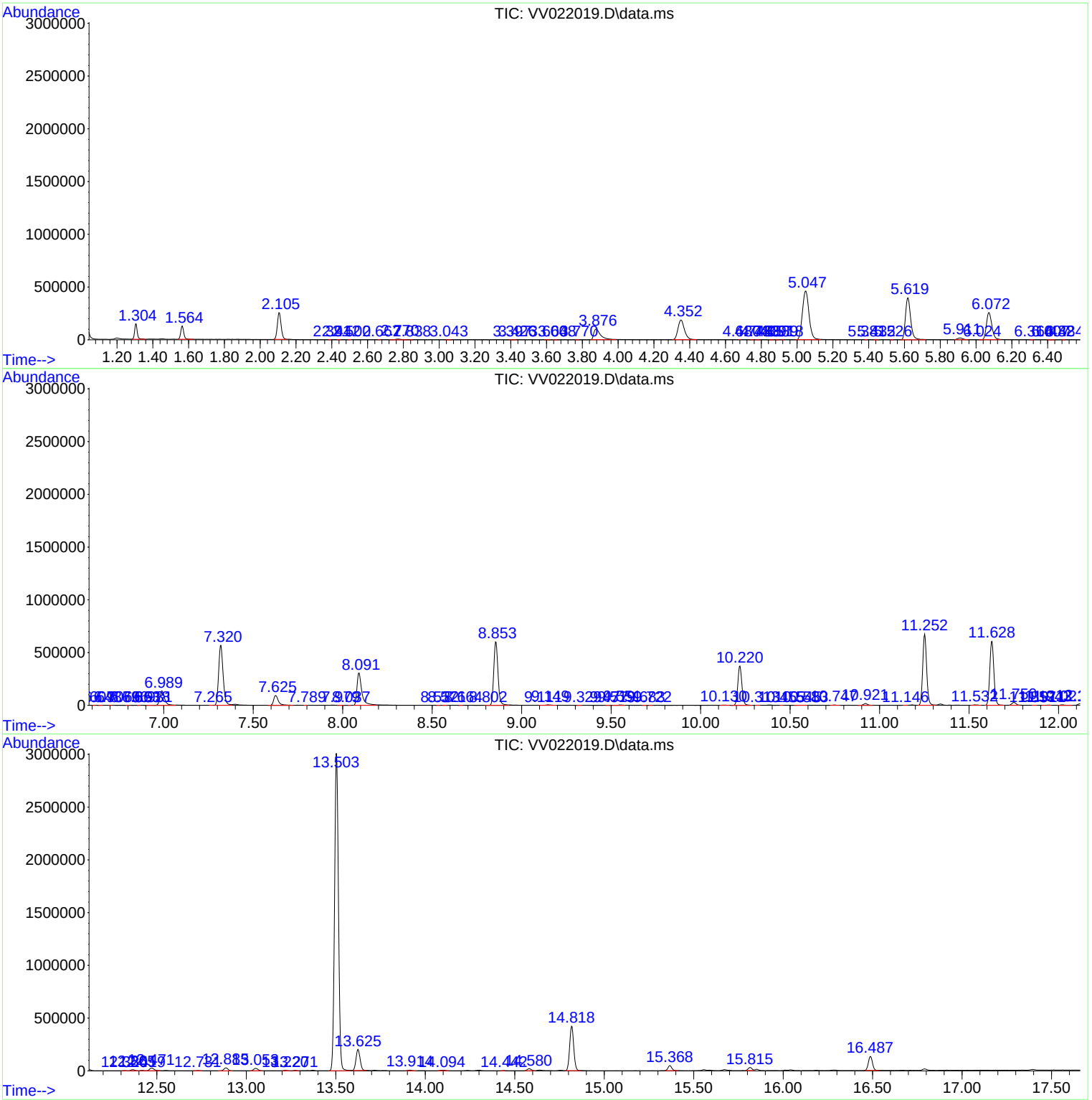
Sum of corrected areas: 15712682

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
Data File : VV022019.D
Acq On : 30 Aug 2021 21:53
Operator : SY/MD
Sample : M3566-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKJ0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
Data File : VV022019.D
Acq On : 30 Aug 2021 21:53
Operator : SY/MD
Sample : M3566-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKJ0

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

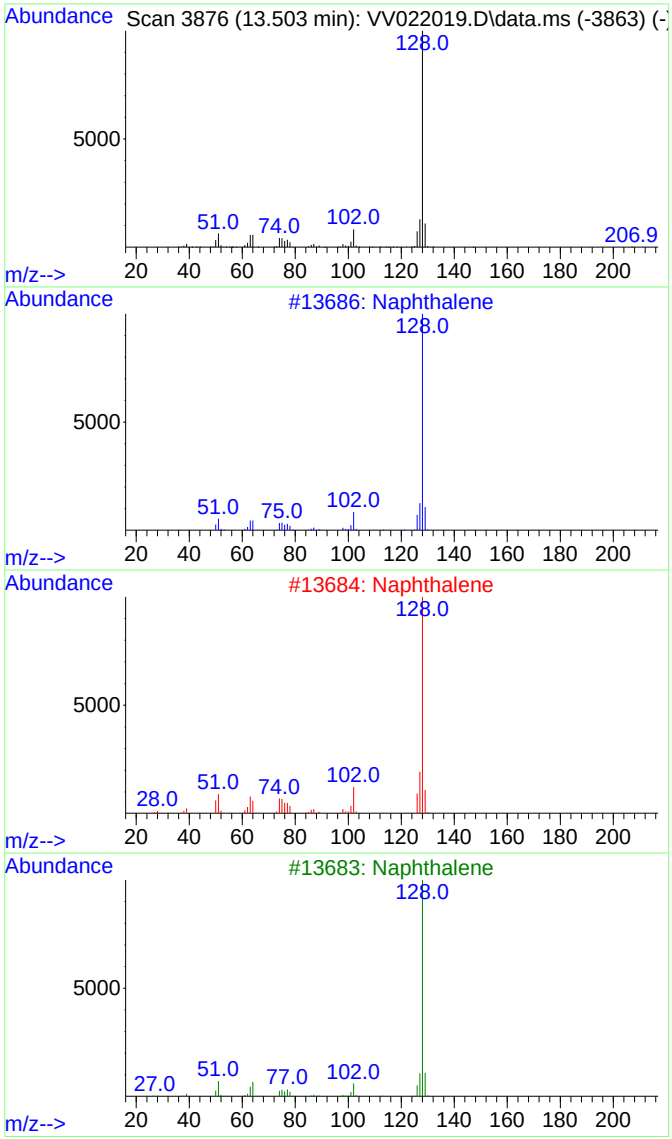
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

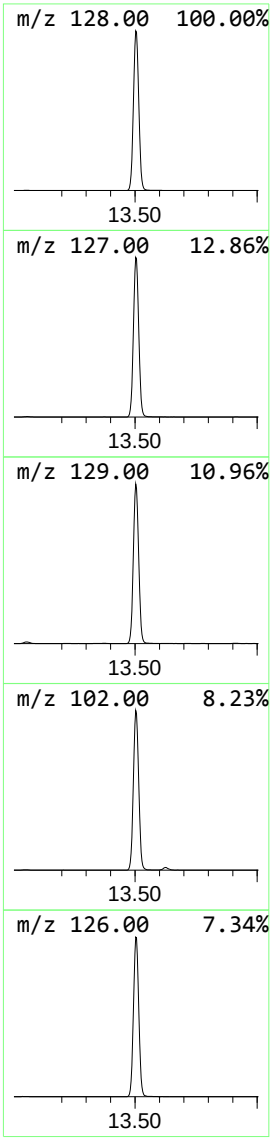
****

Peak Number 2 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	219.98 ug/L	4520400	1,4-Dichlorobenzene-d4	11.252

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
Data File : VV022019.D
Acq On : 30 Aug 2021 21:53
Operator : SY/MD
Sample : M3566-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKJ0

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

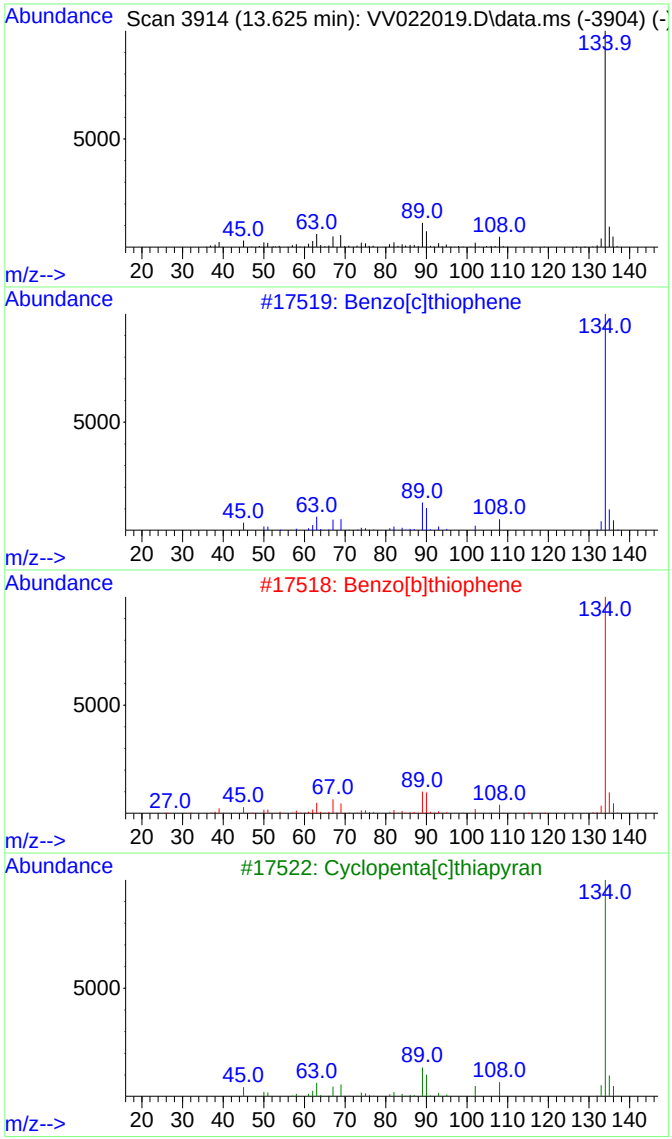
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

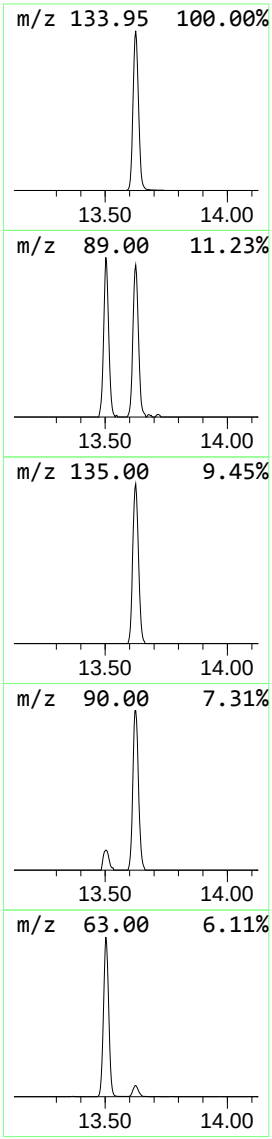
****

Peak Number 3 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.625	15.12 ug/L	310629	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
Data File : VV022019.D
Acq On : 30 Aug 2021 21:53
Operator : SY/MD
Sample : M3566-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKJ0

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

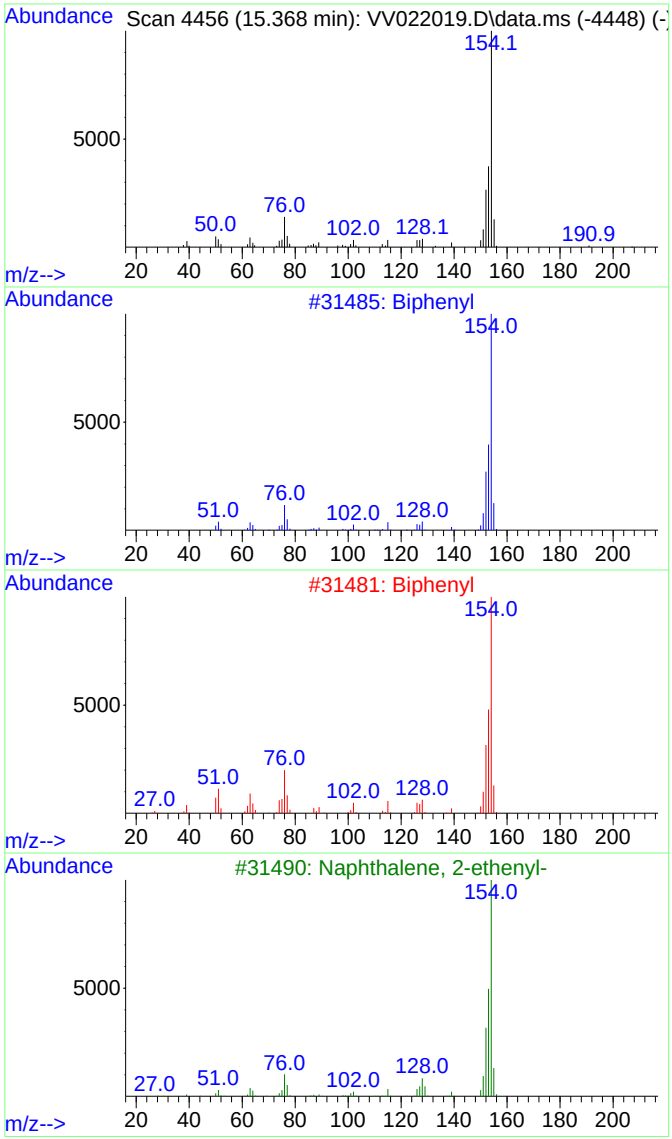
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

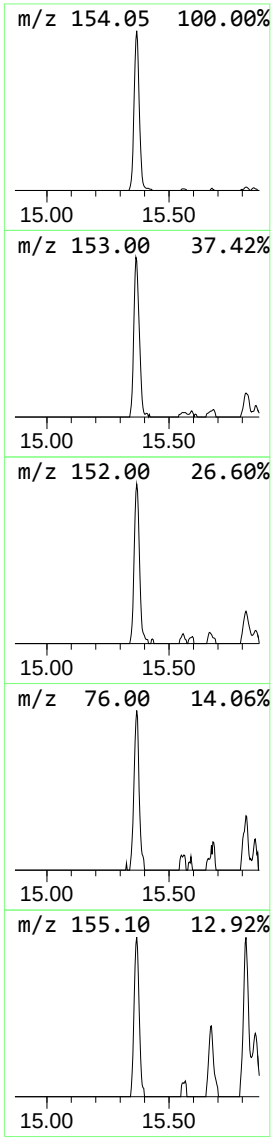
****

Peak Number 5 Biphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	3.44 ug/L	70771	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	91
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	90
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5	Biphenyl	154	C12H10	000092-52-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
Data File : VV022019.D
Acq On : 30 Aug 2021 21:53
Operator : SY/MD
Sample : M3566-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKJ0

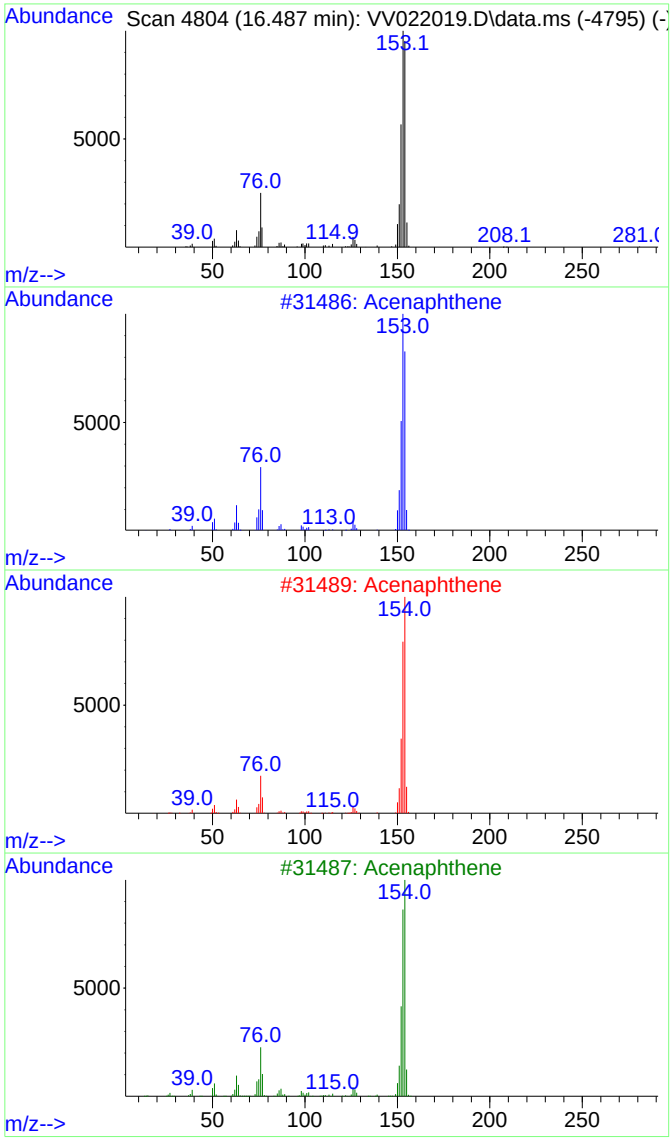
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

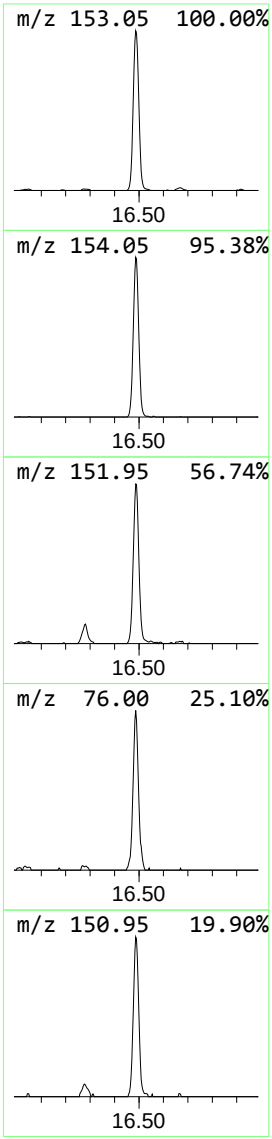
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-ethenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	9.99 ug/L	205246	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	89
2	Acenaphthene	154	C12H10	000083-32-9	76
3	Acenaphthene	154	C12H10	000083-32-9	74
4	Acenaphthene	154	C12H10	000083-32-9	64
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
Data File : VV022019.D
Acq On : 30 Aug 2021 21:53
Operator : SY/MD
Sample : M3566-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKJ0

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	220.0	ug/L	4520400	3	11.252	1027440	50.0
Benzo[c]thiophene	13.625	15.1	ug/L	310629	3	11.252	1027440	50.0
Biphenyl	15.368	3.4	ug/L	70771	3	11.252	1027440	50.0
Naphthalene, 2-...	16.487	10.0	ug/L	205246	3	11.252	1027440	50.0