LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021858.D
Acq On : 18 Aug 2021 12:14
Operator : SY/MD
Sample : M3422-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA4

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\SFAMVLM081621WMA.M
Title : VOC Analysis

Signal : TIC: VV021858.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	92	rBV	225594	223009	14.72%	1.701%
2	1.561	157	162	175	rVB	165664	188526	12.44%	1.438%
3	2.105	324	331	359	rVB	328642	471397	31.11%	3.595%
4	3.346	715	717	723	rBV2	274	234	0.02%	0.002%
5	3.442	743	747	749	rBV	440	321	0.02%	0.002%
6	3.497	761	764	766	rBV2	367	217	0.01%	0.002%
7	3.764	845	847	848	rBV2	324	163	0.01%	0.001%
8	3.876	872	882	926	rBV	123439	334409	22.07%	2.550%
9	4.349	1015	1029	1056	rBV	237172	578509	38.18%	4.412%
10	4.719	1141	1144	1145	rBV2	332	232	0.02%	0.002%
11	4.744	1150	1152	1155	rBV2	399	218	0.01%	0.002%
12	4.786	1162	1165	1169	rVB3	467	311	0.02%	0.002%
13	4.809	1169	1172	1174	rBV2	433	284	0.02%	0.002%
14	4.892	1195	1198	1199	rBV	342	159	0.01%	0.001%
15	5.047	1229	1246	1279	rBV2	594291	1515180	100.00%	11.554%
16	5.384	1349	1351	1353	rBV2	407	149	0.01%	0.001%
17	5.449	1369	1371	1375	rVB3	617	276	0.02%	0.002%
18	5.471	1375	1378	1380	rBV2	408	268	0.02%	0.002%
19	5.561	1403	1406	1408	rVB4	534	255	0.02%	0.002%
20	5.619	1411	1424	1445	rBV	448933	902666	59.57%	6.884%
21	5.908	1504	1514	1533	rBV4	18344	37502	2.48%	0.286%
22	6.072	1552	1565	1594	rBV	324328	668624	44.13%	5.099%
23	6.365	1654	1656	1658	rBV	455	264	0.02%	0.002%
24	6.461	1684	1686	1691	rVB2	523	303	0.02%	0.002%
25	6.484	1691	1693	1694	rBV2	506	184	0.01%	0.001%
26	6.500	1694	1698	1700	rVB4	537	423	0.03%	0.003%
27	6.542	1708	1711	1712	rBV	428	196	0.01%	0.001%
28	6.551	1712	1714	1716	rBV2	416	226	0.01%	0.002%
29	6.606	1729	1731	1735	rVB2	754	391	0.03%	0.003%
30	6.632	1735	1739	1741	rBV2	754	514	0.03%	0.004%
31	6.741	1771	1773	1777	rVB2	485	200	0.01%	0.002%
32	6.895	1818	1821	1823	rBV2	471	317	0.02%	0.002%
33	6.937	1832	1834	1837	rVB2	360	152	0.01%	0.001%
34	6.989	1839	1850	1875	rBV	180264	327537	21.62%	2.498%
35	7.191	1909	1913	1914	rBV3	598	415	0.03%	0.003%
36	7.317	1940	1952	1969	rBV	727977	1244691	82.15%	9.492%

LSC Area Percent Report

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Acq On : 18 Aug 2021 12:14
Operator : SY/MD
Sample : M3422-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA4

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\SFAMVLM081621WMA.M
Title : VOC Analysis

37	7.625	2038	2048	2069	rBV	116698	204426	13.49%	1.559%
38	7.857	2116	2120	2124	rVB4	586	440	0.03%	0.003%
39	7.876	2124	2126	2128	rBV	387	220	0.01%	0.002%
40	7.899	2132	2133	2136	rVB2	379	161	0.01%	0.001%
41	7.918	2136	2139	2141	rBV2	616	408	0.03%	0.003%
42	7.976	2156	2157	2158	rBV2	530	195	0.01%	0.001%
43	8.018	2168	2170	2174	rVB2	669	301	0.02%	0.002%
44	8.092	2183	2193	2226	rBV2	316947	605666	39.97%	4.619%
45	8.403	2286	2290	2292	rBV5	756	640	0.04%	0.005%
46	8.436	2297	2300	2302	rVB3	641	318	0.02%	0.002%
47	8.513	2321	2324	2326	rBV3	509	346	0.02%	0.003%
48	8.635	2360	2362	2365	rBV3	370	239	0.02%	0.002%
49	8.709	2380	2385	2387	rBV4	373	308	0.02%	0.002%
50	8.722	2387	2389	2390	rBV	377	191	0.01%	0.001%
51	8.757	2397	2400	2406	rVB3	562	579	0.04%	0.004%
52	8.799	2410	2413	2415	rBV2	472	233	0.02%	0.002%
53	8.854	2418	2430	2456	rBV	666280	1083845	71.53%	8.265%
54	9.021	2474	2482	2494	rVB	14597	23703	1.56%	0.181%
55	9.146	2513	2521	2533	rBV4	9992	17489	1.15%	0.133%
56	9.355	2584	2586	2591	rVB2	545	327	0.02%	0.002%
57	9.381	2591	2594	2597	rBV2	414	267	0.02%	0.002%
58	9.474	2620	2623	2626	rBV2	445	213	0.01%	0.002%
59	9.551	2637	2647	2658	rBV2	11867	19355	1.28%	0.148%
60	9.686	2687	2689	2693	rVB3	456	265	0.02%	0.002%
61	9.722	2697	2700	2704	rVV2	356	256	0.02%	0.002%
62	9.757	2708	2711	2714	rBV	294	271	0.02%	0.002%
63	9.792	2718	2722	2726	rVB3	191	175	0.01%	0.001%
64	9.908	2754	2758	2761	rVB3	436	383	0.03%	0.003%
65	10.008	2781	2789	2793	rBV3	494	622	0.04%	0.005%
66	10.130	2817	2827	2842	rVB3	4340	8072	0.53%	0.062%
67	10.220	2842	2855	2876	rBV	450632	710691	46.90%	5.420%
68	10.458	2924	2929	2933	rBV4	1533	1859	0.12%	0.014%
69	10.661	2989	2992	3000	rVB3	1138	1289	0.09%	0.010%
70	10.699	3000	3004	3006	rBV2	458	343	0.02%	0.003%
71	10.747	3010	3019	3028	rVB2	4333	6641	0.44%	0.051%
72	10.886	3056	3062	3063	rBV2	423	402	0.03%	0.003%
73	10.921	3065	3073	3087	rVB4	9961	16173	1.07%	0.123%
74	11.034	3100	3108	3110	rBV3	1037	1255	0.08%	0.010%
75	11.098	3123	3128	3133	rVB3	862	860	0.06%	0.007%
76	11.127	3133	3137	3138	rBV2	878	491	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021858.D
Acq On : 18 Aug 2021 12:14
Operator : SY/MD
Sample : M3422-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA4

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\SFAMVLM081621WMA.M
Title : VOC Analysis

77	11.252	3165	3176	3194	rBV	681364	1067023	70.42%	8.137%
78	11.529	3251	3262	3279	rBV	285757	445824	29.42%	3.400%
79	11.625	3281	3292	3312	rVB	731112	1137501	75.07%	8.674%
80	11.747	3322	3330	3343	rBV	52790	83390	5.50%	0.636%
81	12.014	3411	3413	3414	rBV	637	279	0.02%	0.002%
82	12.053	3419	3425	3432	rVB5	4259	6072	0.40%	0.046%
83	12.120	3438	3446	3457	rVB	13816	23499	1.55%	0.179%
84	12.181	3462	3465	3467	rBV	366	247	0.02%	0.002%
85	12.249	3480	3486	3487	rBV3	957	867	0.06%	0.007%
86	12.313	3503	3506	3508	rBV2	639	399	0.03%	0.003%
87	12.365	3514	3522	3535	rBV2	16941	27666	1.83%	0.211%
88	12.471	3545	3555	3566	rBV2	25337	49650	3.28%	0.379%
89	12.728	3626	3635	3648	rBV	15457	23591	1.56%	0.180%
90	12.886	3673	3684	3697	rBV2	47964	75866	5.01%	0.579%
91	12.953	3697	3705	3713	rVB7	4150	6434	0.42%	0.049%
92	13.053	3726	3736	3749	rBV4	20523	34575	2.28%	0.264%
93	13.255	3797	3799	3800	rBV	959	459	0.03%	0.004%
94	13.503	3865	3876	3901	rBV	318260	502285	33.15%	3.830%
95	13.625	3904	3914	3926	rVV	89150	141348	9.33%	1.078%
96	13.914	3994	4004	4011	rBV4	3988	5617	0.37%	0.043%
97	14.091	4052	4059	4071	rVB5	6084	10716	0.71%	0.082%
98	14.580	4202	4211	4222	rBV	18076	29096	1.92%	0.222%
99	14.818	4276	4285	4299	rBV3	52962	92146	6.08%	0.703%
100	16.487	4795	4804	4815	rVB	91003	140213	9.25%	1.069%

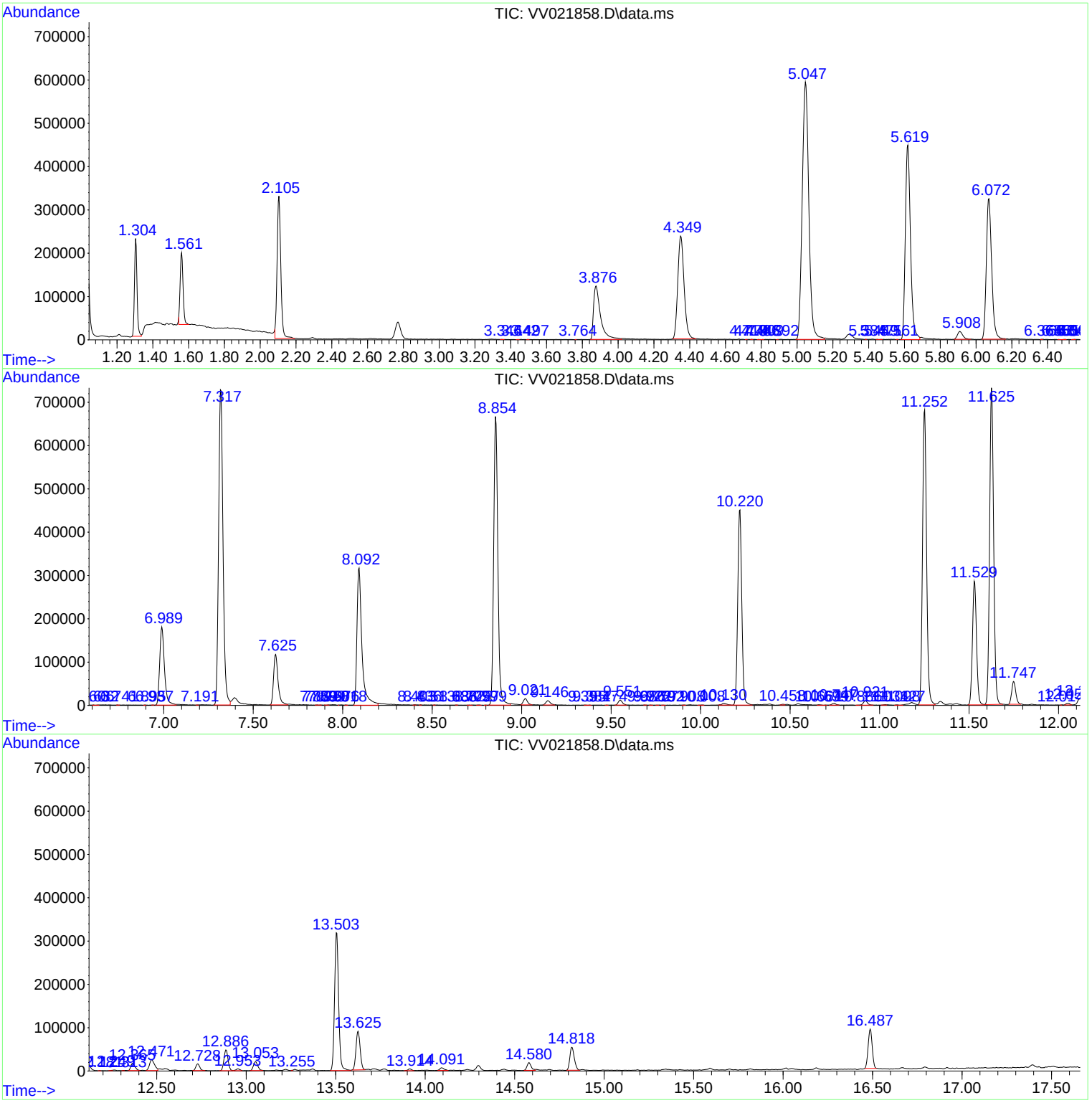
Sum of corrected areas: 13113403

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021858.D
Acq On : 18 Aug 2021 12:14
Operator : SY/MD
Sample : M3422-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021858.D
Acq On : 18 Aug 2021 12:14
Operator : SY/MD
Sample : M3422-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

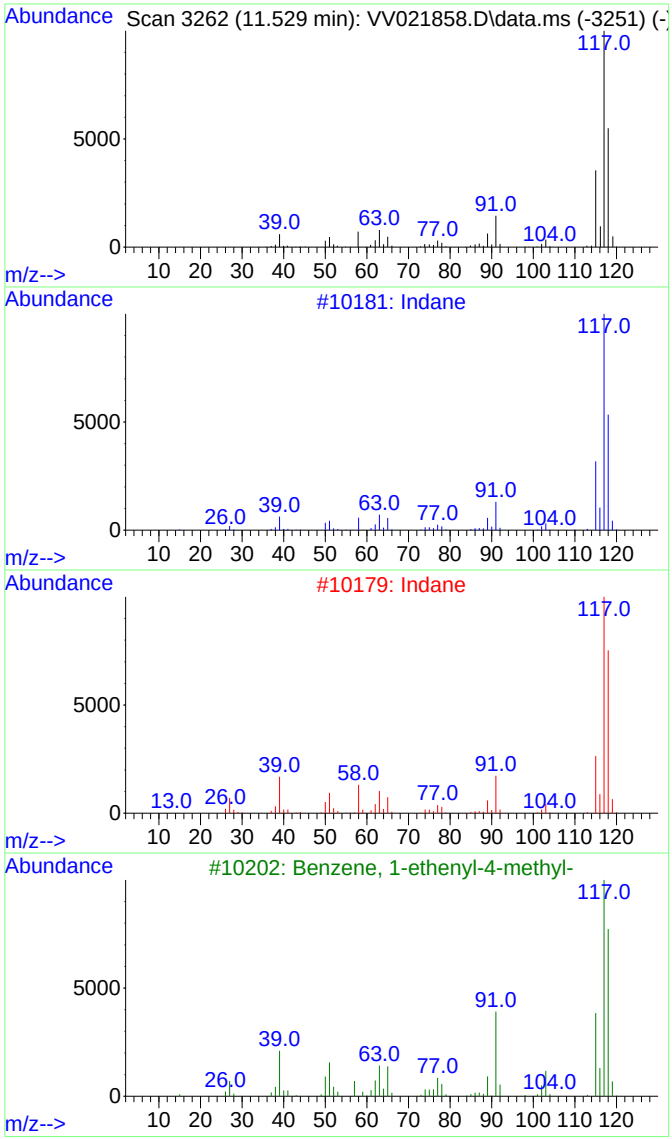
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

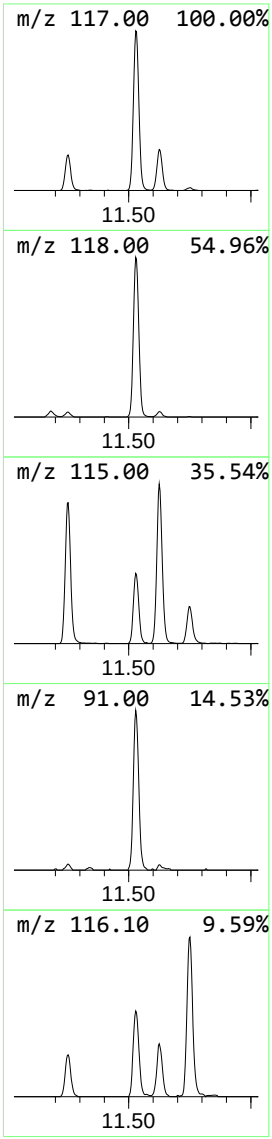
****

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	20.89 ug/L	445824	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	Deltacyclene	118	C9H10	007785-10-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021858.D
Acq On : 18 Aug 2021 12:14
Operator : SY/MD
Sample : M3422-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKA4

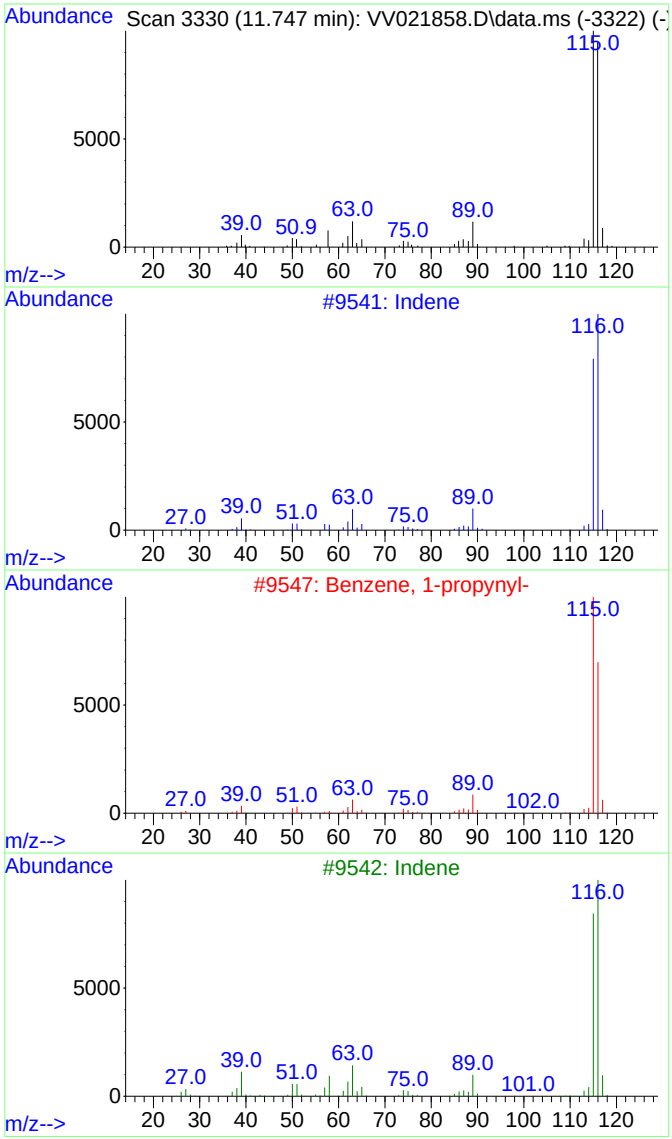
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

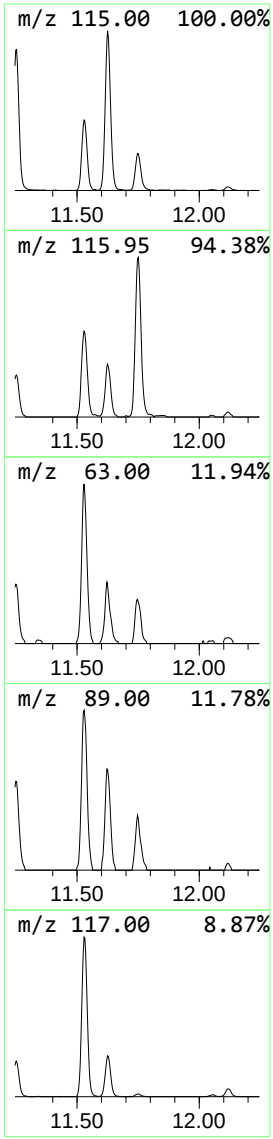
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-propynyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.747	3.91 ug/L	83390	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
5	Indene	116	C9H8	000095-13-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021858.D
Acq On : 18 Aug 2021 12:14
Operator : SY/MD
Sample : M3422-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

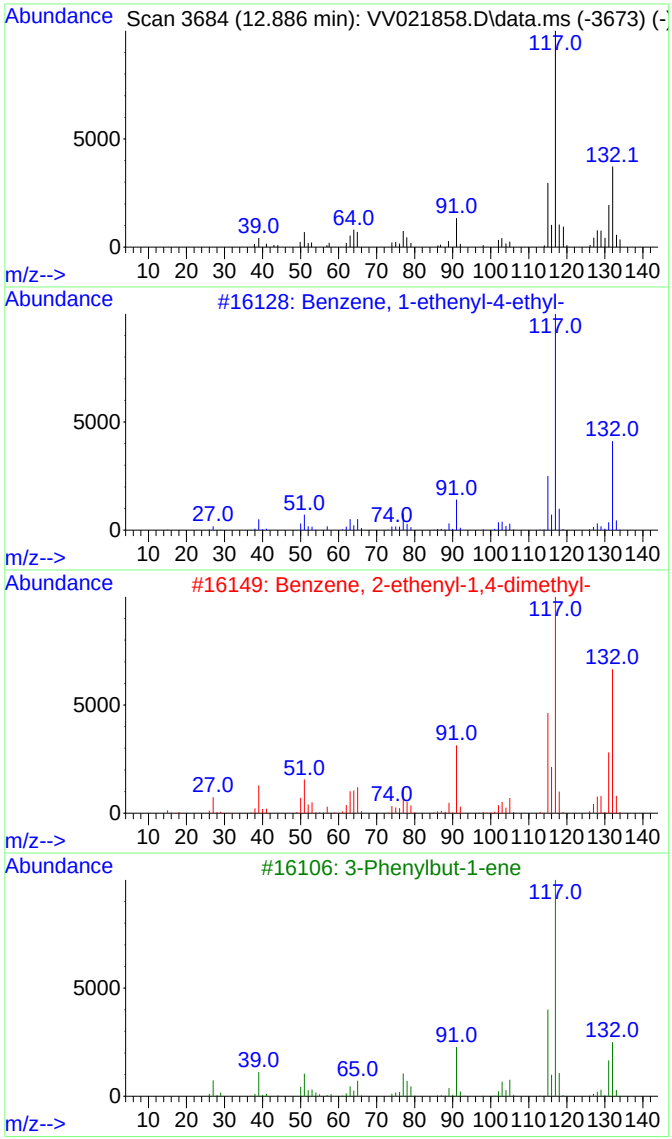
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

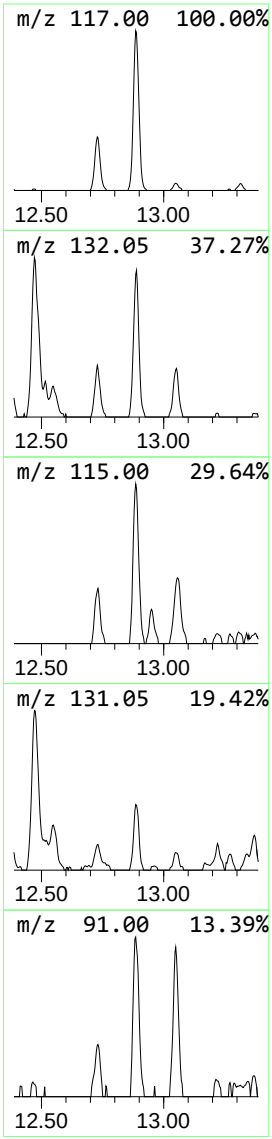
****

Peak Number 4 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	3.56 ug/L	75866	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021858.D
Acq On : 18 Aug 2021 12:14
Operator : SY/MD
Sample : M3422-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

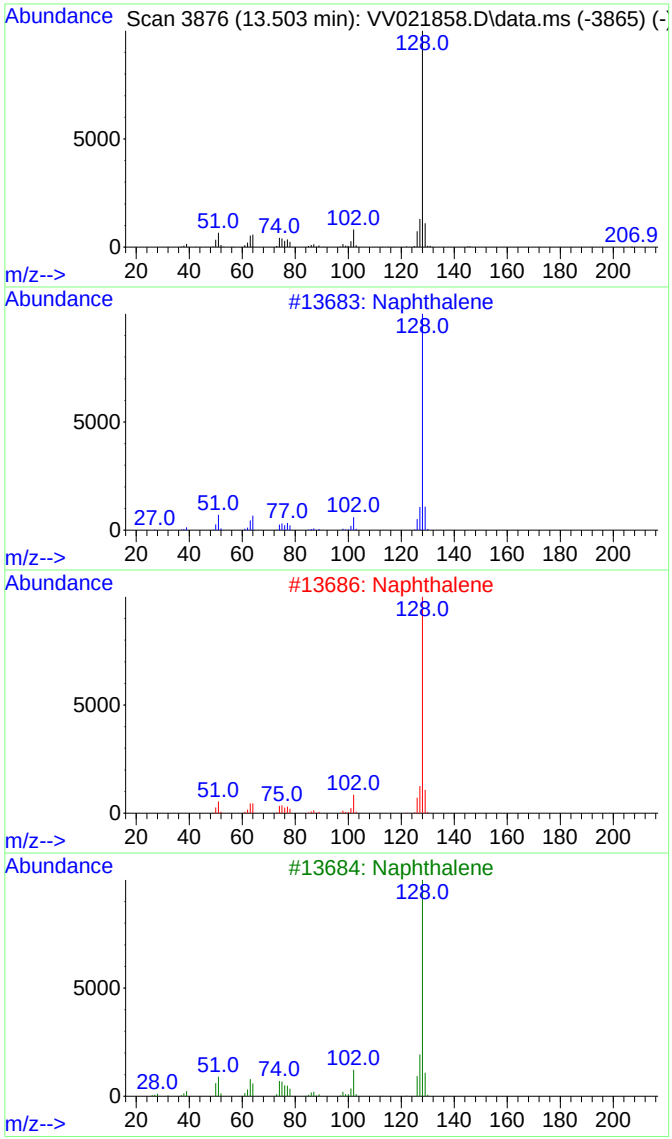
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

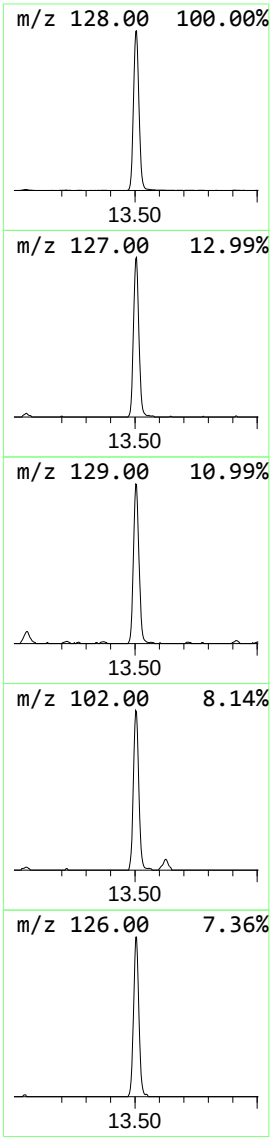
****

Peak Number 5 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	23.54 ug/L	502285	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	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	94
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021858.D
Acq On : 18 Aug 2021 12:14
Operator : SY/MD
Sample : M3422-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

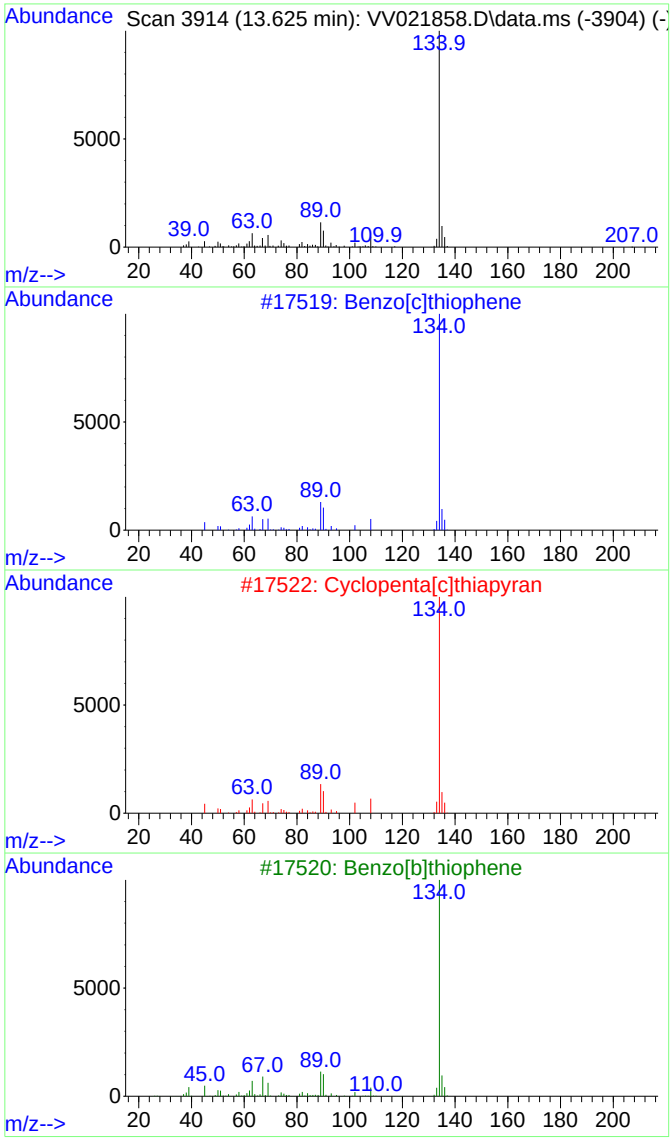
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

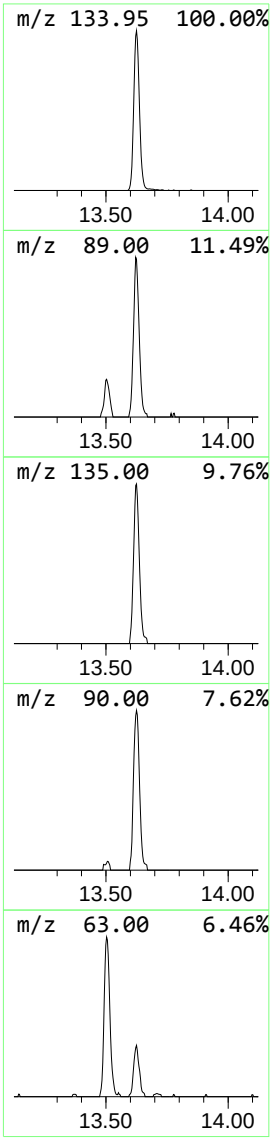
****

Peak Number 6 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.625	6.62 ug/L	141348	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	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021858.D
Acq On : 18 Aug 2021 12:14
Operator : SY/MD
Sample : M3422-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

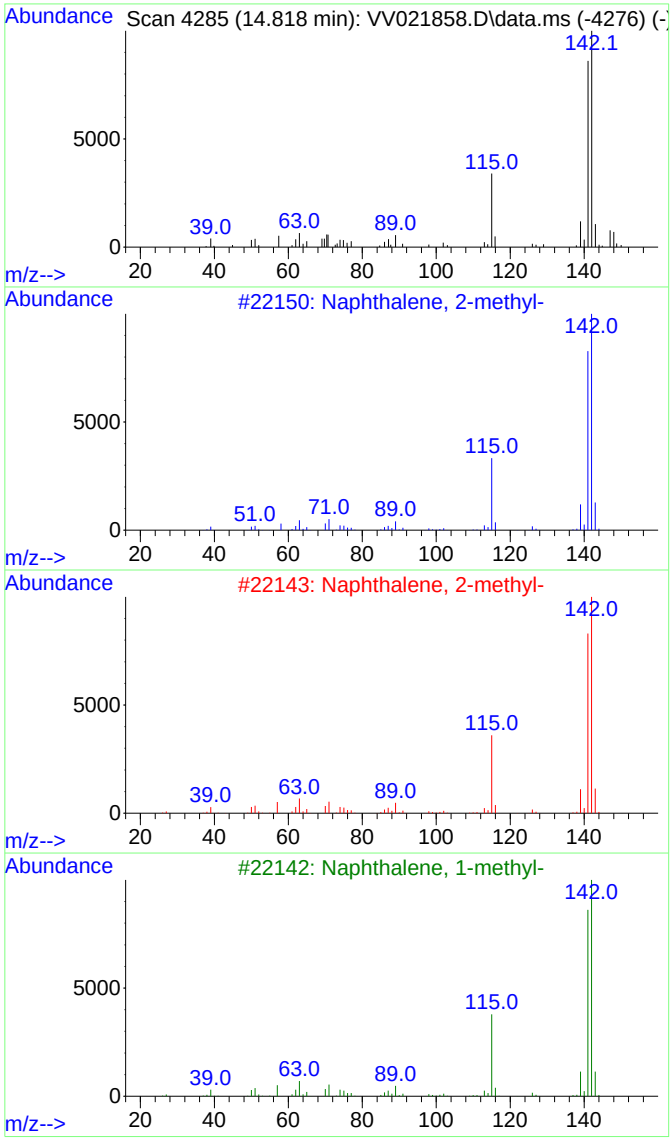
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

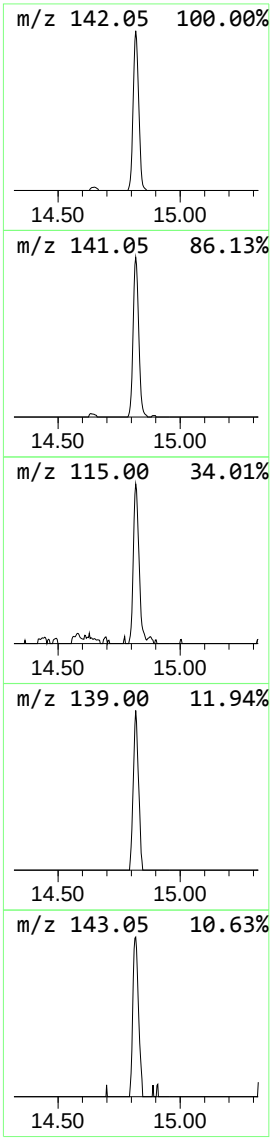
****

Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.818	4.32 ug/L	92146	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, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021858.D
Acq On : 18 Aug 2021 12:14
Operator : SY/MD
Sample : M3422-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

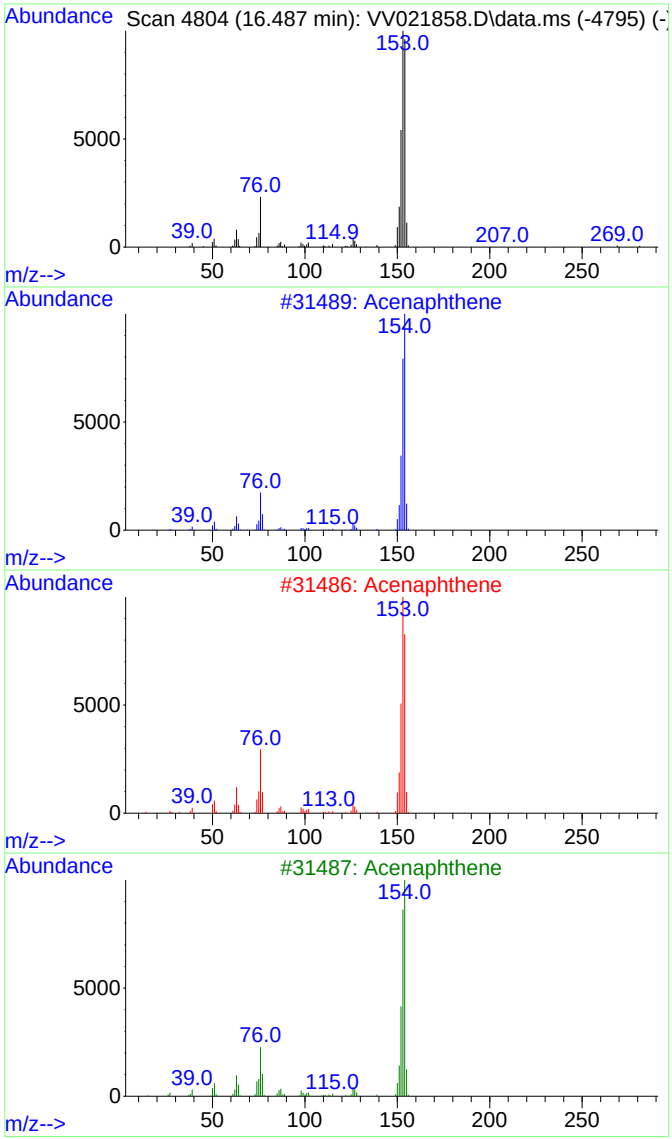
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

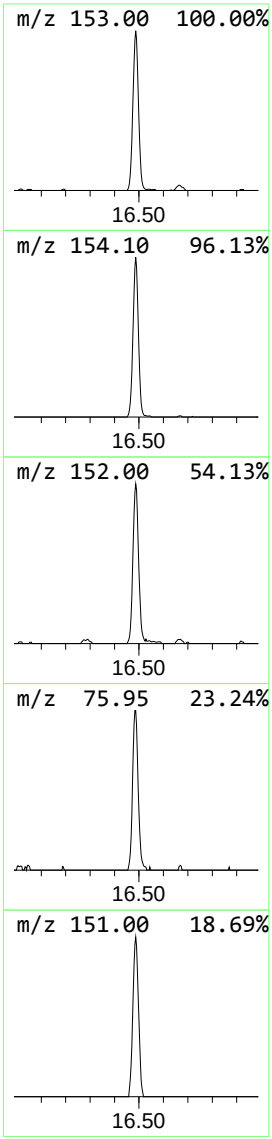
****

Peak Number 8 Acenaphthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	6.57 ug/L	140213	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	93
2	Acenaphthene	154	C12H10	000083-32-9	68
3	Acenaphthene	154	C12H10	000083-32-9	64
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
5	Acenaphthene	154	C12H10	000083-32-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021858.D
Acq On : 18 Aug 2021 12:14
Operator : SY/MD
Sample : M3422-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.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
Indane	11.529	20.9	ug/L	445824	3	11.252	1067020	50.0
Benzene, 1-prop...	11.747	3.9	ug/L	83390	3	11.252	1067020	50.0
Benzene, 1-ethe...	12.886	3.6	ug/L	75866	3	11.252	1067020	50.0
Azulene	13.503	23.5	ug/L	502285	3	11.252	1067020	50.0
Benzo[c]thiophene	13.625	6.6	ug/L	141348	3	11.252	1067020	50.0
Naphthalene, 2-...	14.818	4.3	ug/L	92146	3	11.252	1067020	50.0
Acenaphthene	16.487	6.6	ug/L	140213	3	11.252	1067020	50.0