LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB3

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: VV021828.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	98	rVB	204618	200736	5.40%	0.896%
2	1.561	155	162	174	rVB	155429	179969	4.84%	0.803%
3	2.104	321	331	343	rBV	284132	414248	11.15%	1.849%
4	2.420	427	429	431	rBV	543	284	0.01%	0.001%
5	2.960	593	597	601	rBV4	529	491	0.01%	0.002%
6	3.194	665	670	675	rBV4	837	890	0.02%	0.004%
7	3.387	728	730	734	rVB2	450	257	0.01%	0.001%
8	3.410	734	737	741	rBV2	477	236	0.01%	0.001%
9	3.702	825	828	832	rVB2	419	239	0.01%	0.001%
10	3.725	832	835	837	rBV3	474	291	0.01%	0.001%
11	3.780	849	852	856	rBV2	452	345	0.01%	0.002%
12	3.876	867	882	922	rBV	133151	363206	9.78%	1.621%
13	4.288	1007	1010	1012	rBV2	517	328	0.01%	0.001%
14	4.349	1015	1029	1059	rVB	241739	594031	15.99%	2.651%
15	4.767	1155	1159	1162	rBV3	460	378	0.01%	0.002%
16	4.809	1169	1172	1175	rVB2	539	409	0.01%	0.002%
17	4.828	1175	1178	1180	rBV2	372	275	0.01%	0.001%
18	4.873	1189	1192	1194	rBV2	351	214	0.01%	0.001%
19	4.973	1220	1223	1226	rVB2	483	277	0.01%	0.001%
20	5.046	1228	1246	1283	rBV2	572405	1523202	41.00%	6.798%
21	5.391	1351	1353	1356	rBV3	416	220	0.01%	0.001%
22	5.619	1411	1424	1456	rBV	480055	975193	26.25%	4.352%
23	5.908	1502	1514	1533	rBV2	27470	58658	1.58%	0.262%
24	6.072	1550	1565	1594	rBV	329784	686317	18.47%	3.063%
25	6.304	1634	1637	1638	rBV2	485	266	0.01%	0.001%
26	6.342	1646	1649	1651	rBV2	375	232	0.01%	0.001%
27	6.374	1657	1659	1662	rBV	359	216	0.01%	0.001%
28	6.455	1682	1684	1687	rVB2	522	260	0.01%	0.001%
29	6.471	1687	1689	1692	rBV2	406	291	0.01%	0.001%
30	6.609	1728	1732	1735	rBV3	493	405	0.01%	0.002%
31	6.651	1735	1745	1750	rVV6	971	1793	0.05%	0.008%
32	6.767	1776	1781	1783	rBV3	575	467	0.01%	0.002%
33	6.818	1794	1797	1802	rBV	354	283	0.01%	0.001%
34	6.934	1828	1833	1836	rBV2	344	348	0.01%	0.002%
35	6.989	1839	1850	1871	rBV	185778	336338	9.05%	1.501%
36	7.316	1940	1952	1969	rBV	648464	1150643	30.97%	5.135%

LSC Area Percent Report

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Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB3

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	2067	rBV	126648	221065	5.95%	0.987%
38	7.860	2116	2121	2122	rBV3	453	311	0.01%	0.001%
39	7.915	2134	2138	2141	rBV2	684	564	0.02%	0.003%
40	7.979	2156	2158	2159	rBV2	1107	529	0.01%	0.002%
41	8.088	2180	2192	2228	rBV	357479	680801	18.33%	3.038%
42	8.384	2281	2284	2285	rBV3	481	228	0.01%	0.001%
43	8.493	2317	2318	2321	rVB2	494	210	0.01%	0.001%
44	8.532	2326	2330	2333	rBV3	491	384	0.01%	0.002%
45	8.587	2345	2347	2352	rBV4	502	298	0.01%	0.001%
46	8.619	2352	2357	2362	rBV4	596	633	0.02%	0.003%
47	8.853	2418	2430	2462	rBV	716078	1179530	31.75%	5.264%
48	9.014	2471	2480	2505	rVB	136702	222776	6.00%	0.994%
49	9.146	2512	2521	2538	rVB	36801	63211	1.70%	0.282%
50	9.551	2637	2647	2669	rVB	16729	29637	0.80%	0.132%
51	9.657	2677	2680	2683	rBV3	401	260	0.01%	0.001%
52	9.747	2705	2708	2711	rBV2	412	301	0.01%	0.001%
53	9.770	2711	2715	2717	rBV2	361	303	0.01%	0.001%
54	9.860	2738	2743	2746	rBV3	420	343	0.01%	0.002%
55	9.937	2754	2767	2781	rBV3	10683	17662	0.48%	0.079%
56	10.133	2822	2828	2834	rBV4	1161	1664	0.04%	0.007%
57	10.220	2843	2855	2877	rBV	478461	754714	20.32%	3.368%
58	10.358	2890	2898	2916	rVB2	7163	14877	0.40%	0.066%
59	10.455	2920	2928	2929	rBV	6051	5941	0.16%	0.027%
60	10.541	2947	2955	2967	rBV4	8980	14076	0.38%	0.063%
61	10.673	2990	2996	2998	rBV2	438	366	0.01%	0.002%
62	10.741	3006	3017	3031	rBV	15815	25438	0.68%	0.114%
63	10.863	3050	3055	3057	rBV3	703	527	0.01%	0.002%
64	10.921	3063	3073	3088	rBV2	27341	42456	1.14%	0.189%
65	11.001	3093	3098	3103	rBV5	989	1185	0.03%	0.005%
66	11.046	3110	3112	3114	rBV	832	429	0.01%	0.002%
67	11.152	3140	3145	3146	rBV3	1002	831	0.02%	0.004%
68	11.181	3147	3154	3164	rVV5	7074	13367	0.36%	0.060%
69	11.252	3164	3176	3194	rVV	781806	1183442	31.86%	5.281%
70	11.339	3197	3203	3215	rVB2	20357	31828	0.86%	0.142%
71	11.529	3249	3262	3282	rBV	2464553	3714854	100.00%	16.578%
72	11.625	3282	3292	3314	rVB	772014	1214346	32.69%	5.419%
73	11.750	3322	3331	3346	rVB	42553	67658	1.82%	0.302%
74	11.982	3401	3403	3406	rBV	427	233	0.01%	0.001%
75	12.020	3406	3415	3419	rBV2	14141	21223	0.57%	0.095%
76	12.120	3435	3446	3458	rBV	59236	96985	2.61%	0.433%

LSC Area Percent Report

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Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB3

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\SFAMVLM081621WMA.M
Title : VOC Analysis

77	12.252	3480	3487	3493	rBV5	1492	1978	0.05%	0.009%
78	12.364	3513	3522	3532	rBV2	44956	69721	1.88%	0.311%
79	12.467	3545	3554	3564	rBV	88688	162949	4.39%	0.727%
80	12.654	3605	3612	3616	rBV7	2363	2853	0.08%	0.013%
81	12.728	3625	3635	3654	rVB	102391	159583	4.30%	0.712%
82	12.885	3673	3684	3696	rBV2	183349	282474	7.60%	1.261%
83	12.953	3698	3705	3716	rVB3	17957	29352	0.79%	0.131%
84	13.049	3724	3735	3753	rVB3	90727	152075	4.09%	0.679%
85	13.271	3798	3804	3812	rBV5	9144	12387	0.33%	0.055%
86	13.503	3864	3876	3902	rBV	1307828	2022808	54.45%	9.027%
87	13.625	3906	3914	3926	rVB	52578	80564	2.17%	0.360%
88	13.866	3987	3989	3992	rBV2	733	346	0.01%	0.002%
89	13.914	3995	4004	4015	rBV3	11606	18260	0.49%	0.081%
90	14.098	4050	4061	4076	rBV5	15014	36445	0.98%	0.163%
91	14.297	4115	4123	4138	rVB5	23774	41010	1.10%	0.183%
92	14.355	4138	4141	4144	rBV3	828	808	0.02%	0.004%
93	14.435	4160	4166	4178	rVB7	6959	11524	0.31%	0.051%
94	14.580	4202	4211	4218	rBV	54850	82407	2.22%	0.368%
95	14.635	4218	4228	4245	rVB	596622	922037	24.82%	4.115%
96	14.750	4257	4264	4273	rBV	22463	34757	0.94%	0.155%
97	14.818	4274	4285	4301	rVV	859614	1368223	36.83%	6.106%
98	15.670	4542	4550	4571	rVB3	34423	70272	1.89%	0.314%
99	15.815	4586	4595	4603	rBV	74468	117543	3.16%	0.525%
100	16.487	4794	4804	4822	rVB	391824	610167	16.43%	2.723%

Sum of corrected areas: 22408265

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021828.D
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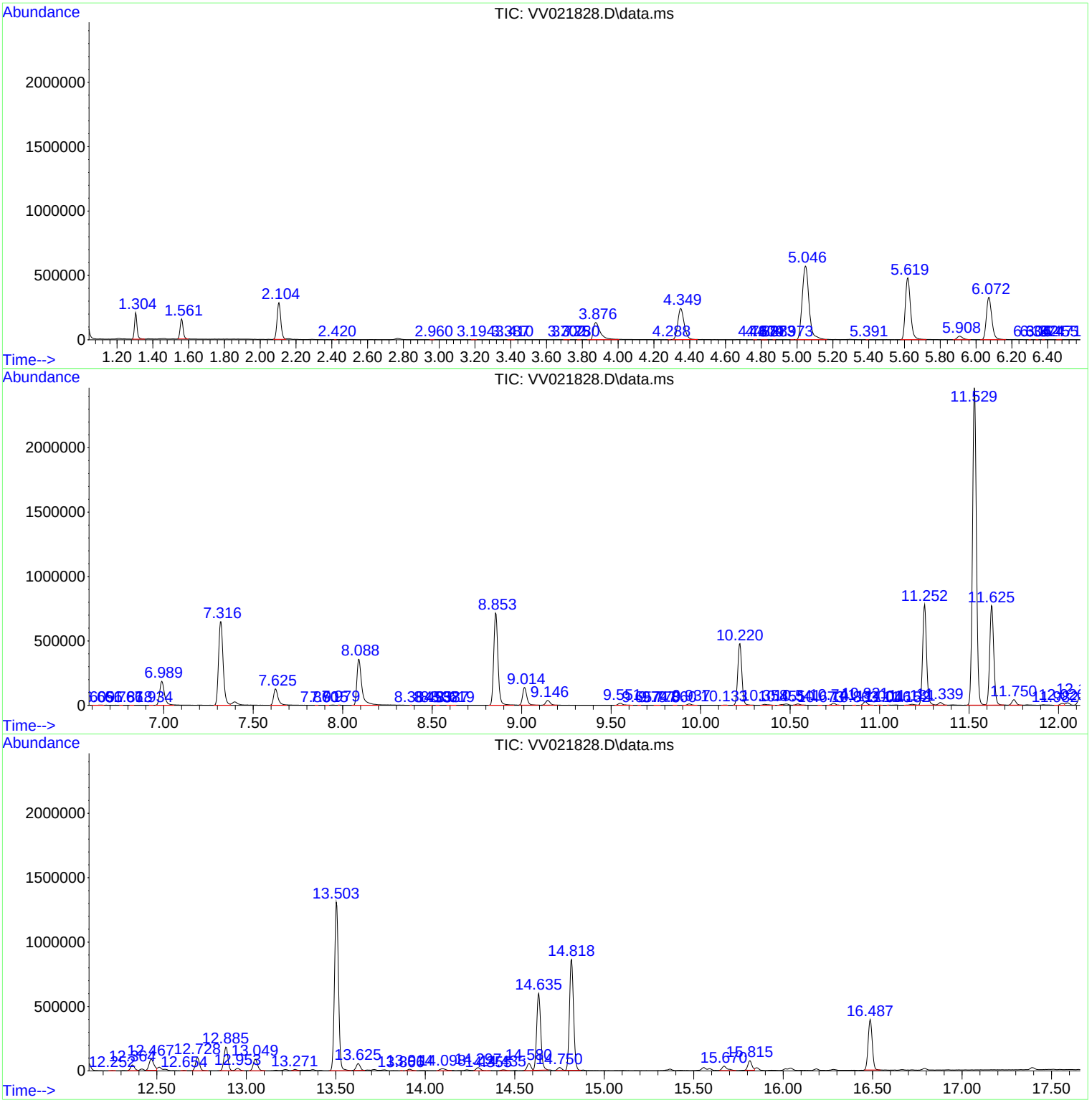
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKB3

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\VV081721\
Data File : VV021828.D
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Sample : M3399-11
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKB3

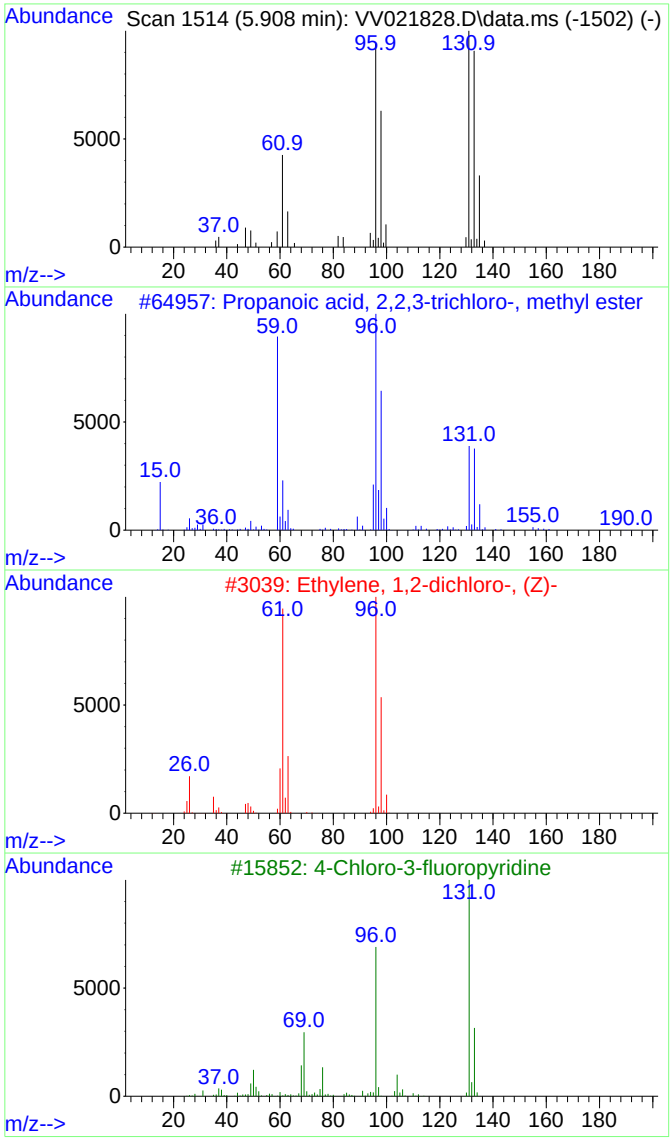
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

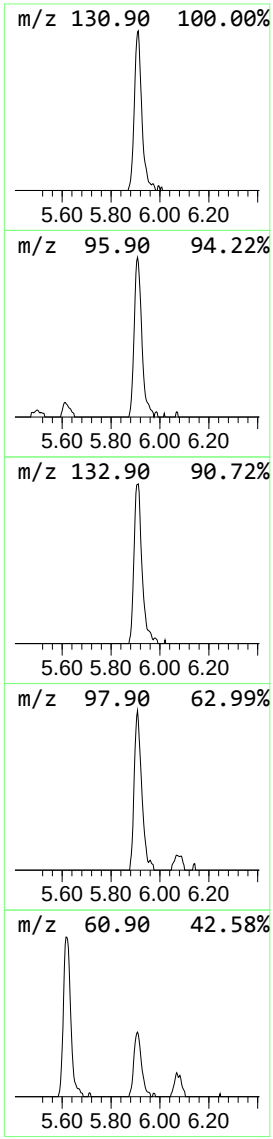
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanoic acid, 2,2,3-trich... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.908	3.01 ug/L	58658	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	56
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	32
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
5	2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB3

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

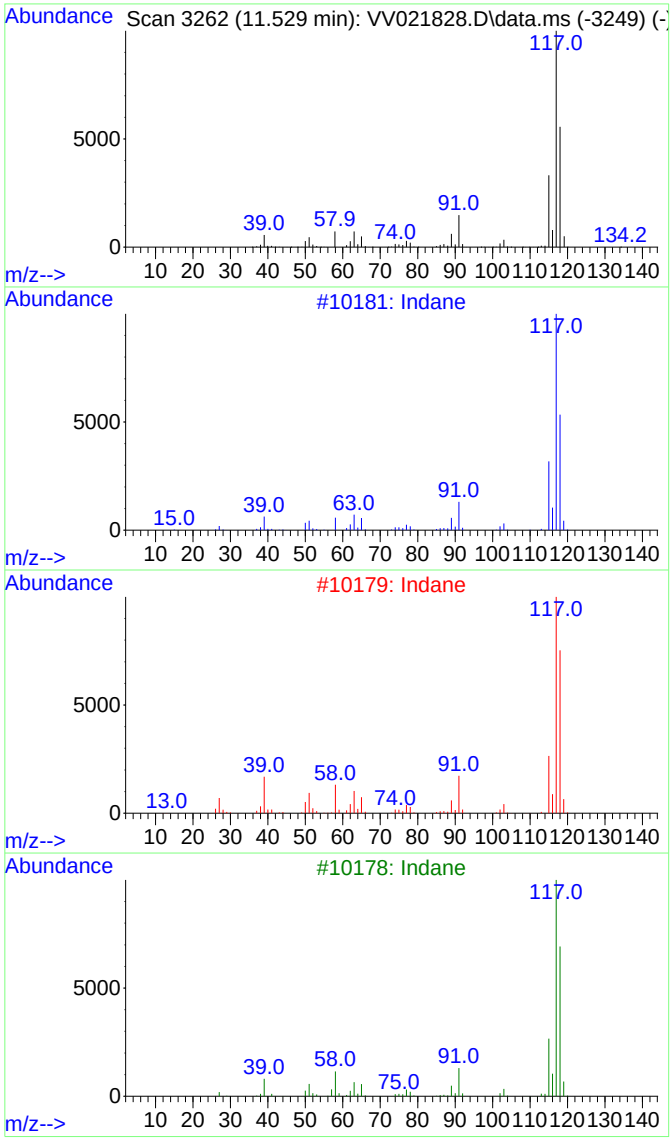
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

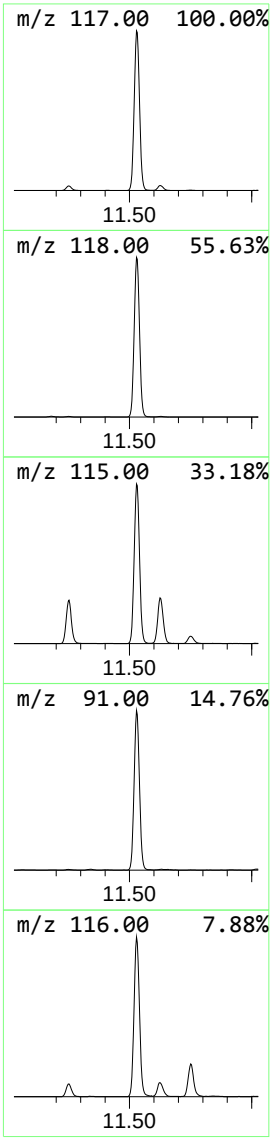
****

Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.528	156.95 ug/L	3714850	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	Indane	118	C9H10	000496-11-7	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	72





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKB3

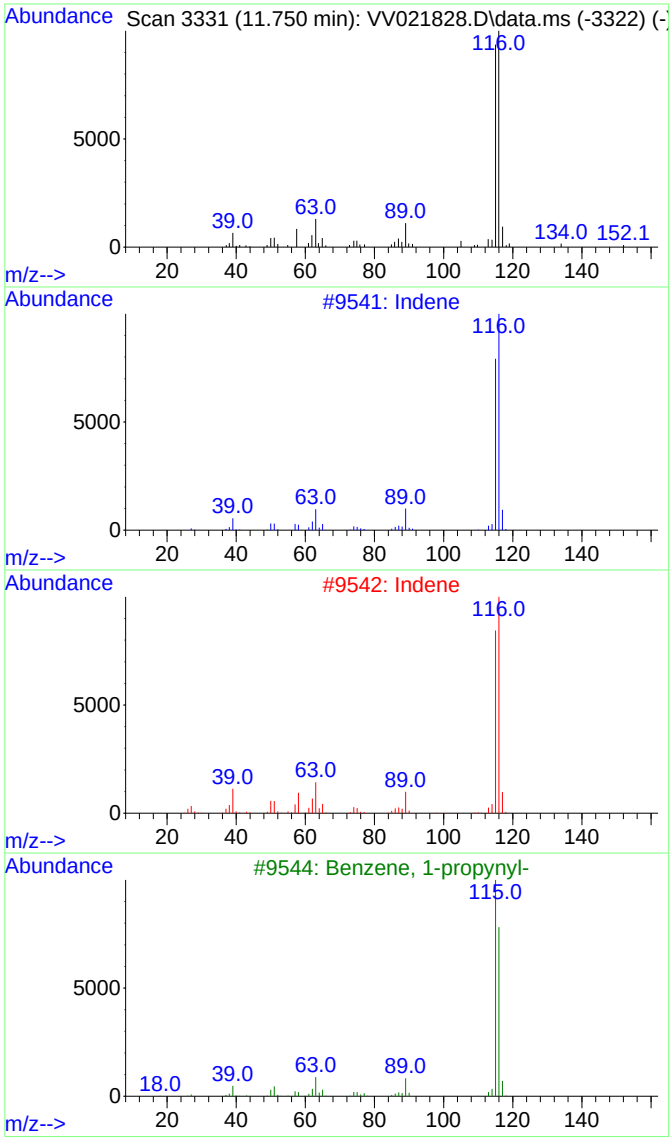
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

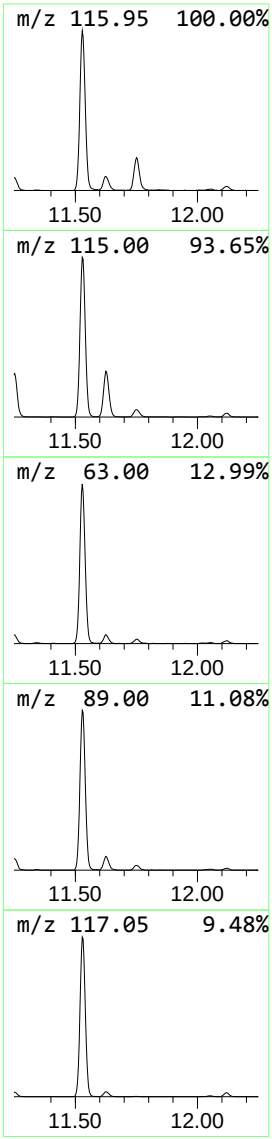
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-propynyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.750	2.86 ug/L	67658	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKB3

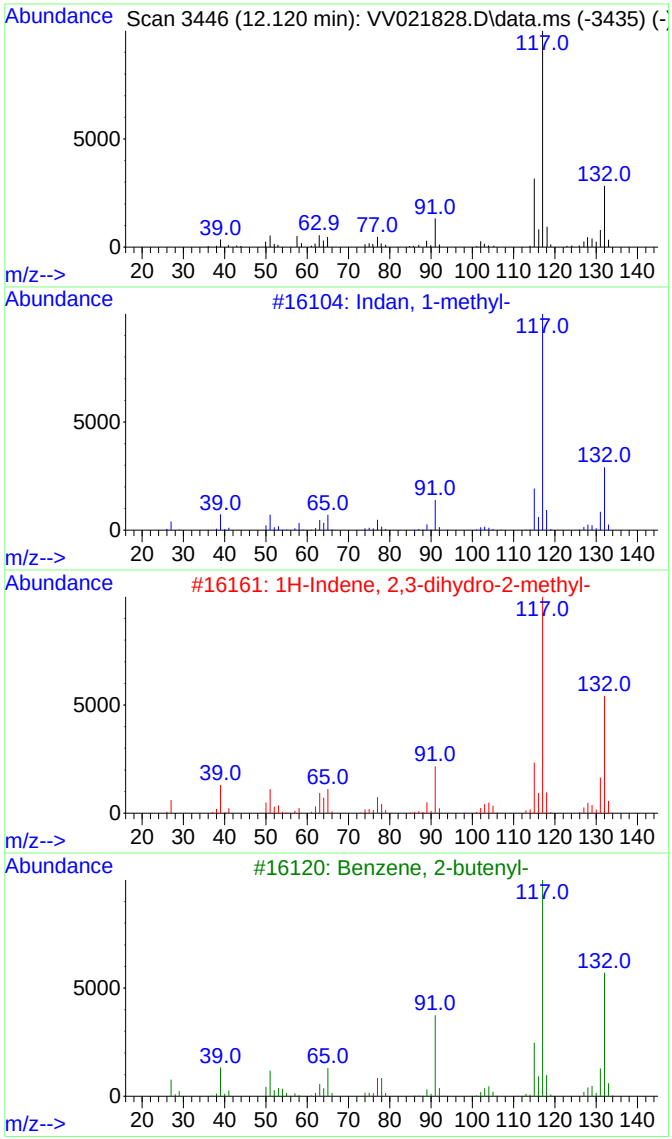
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

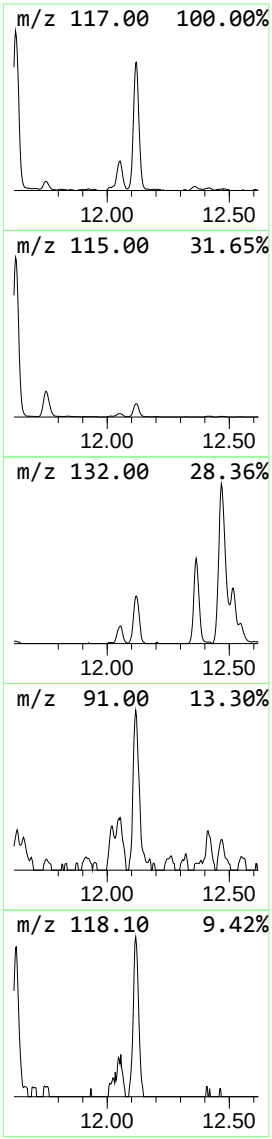
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indan, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.120	4.10 ug/L	96985	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80





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Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB3

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

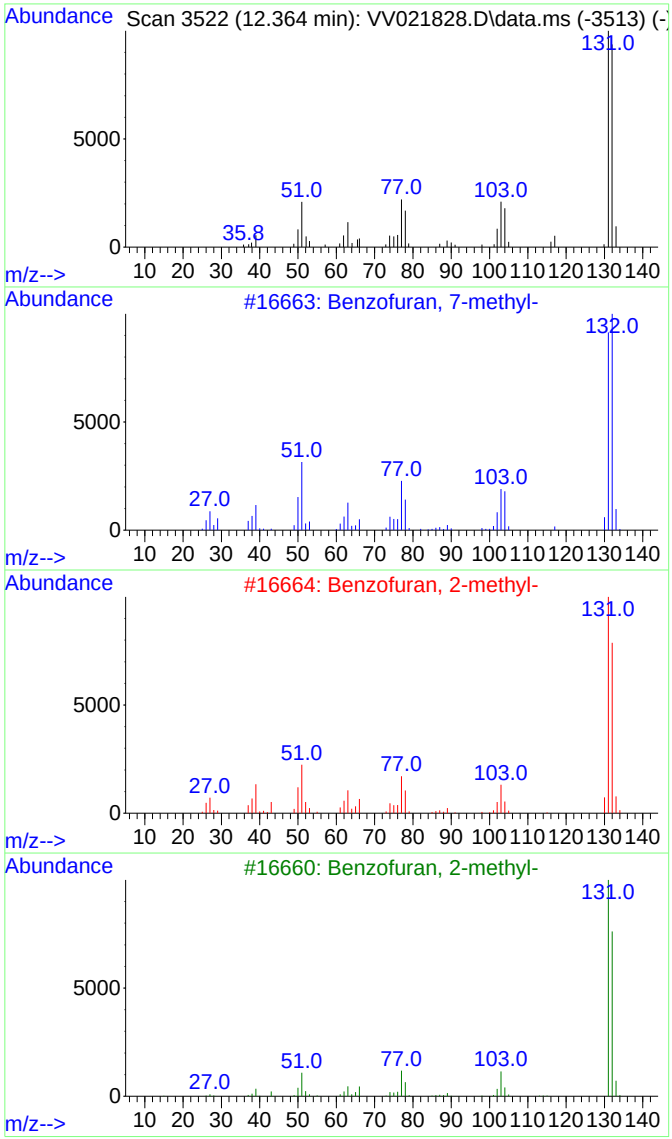
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

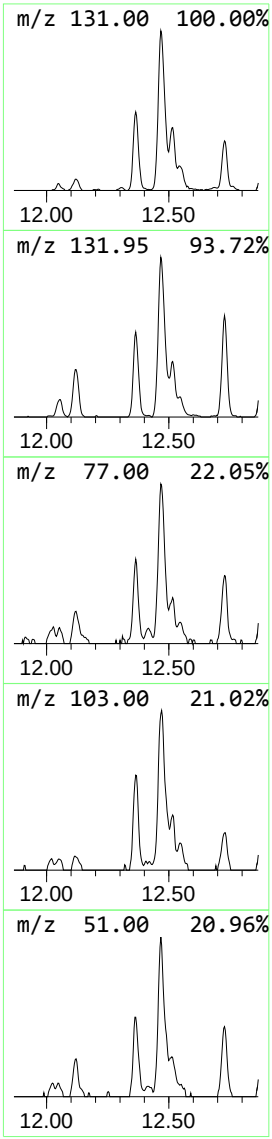
****

Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	2.95 ug/L	69721	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKB3

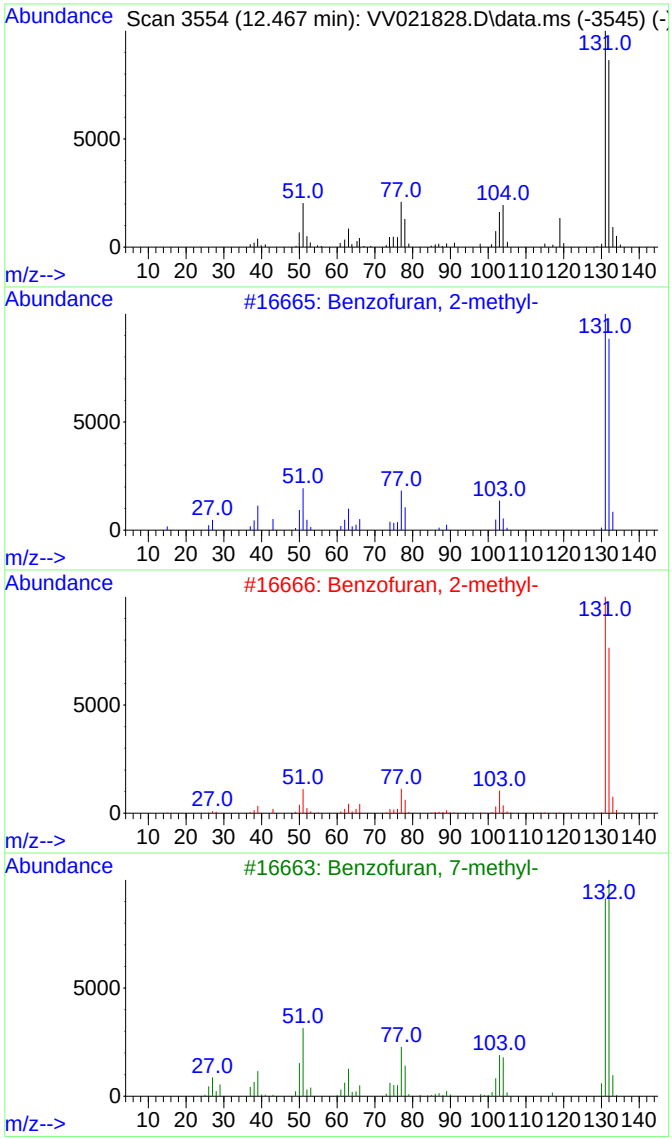
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

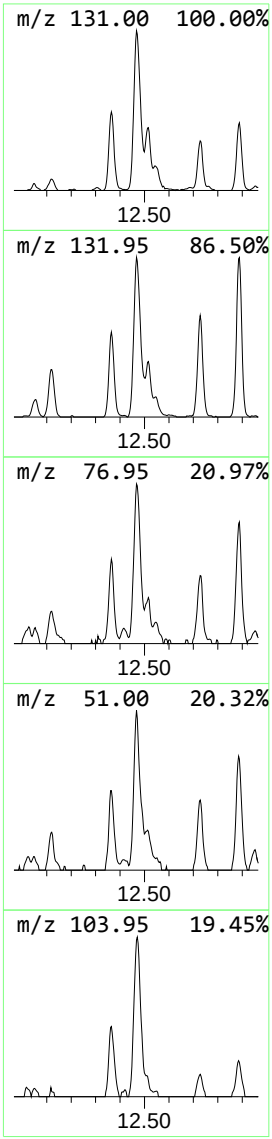
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.467	6.88 ug/L	162949	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	89
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





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Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKB3

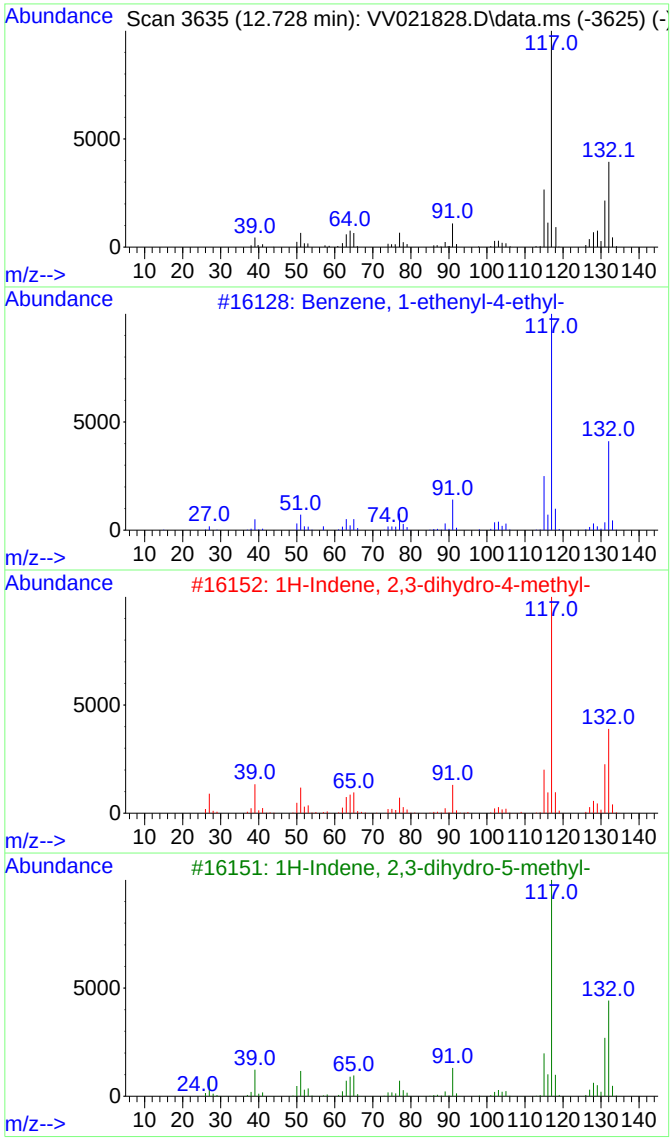
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

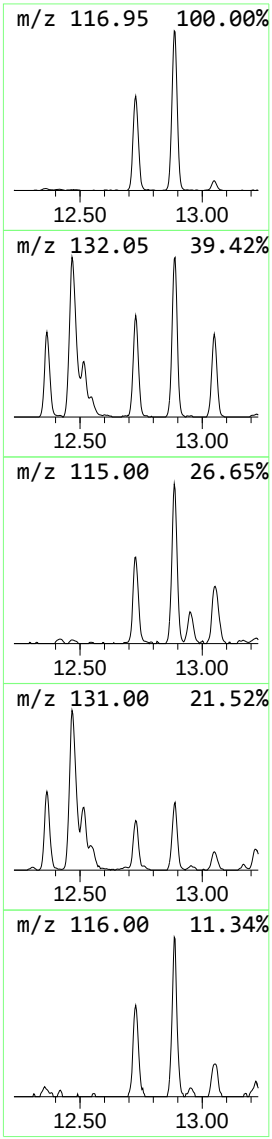
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.728	6.74 ug/L	159583	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	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





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Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKB3

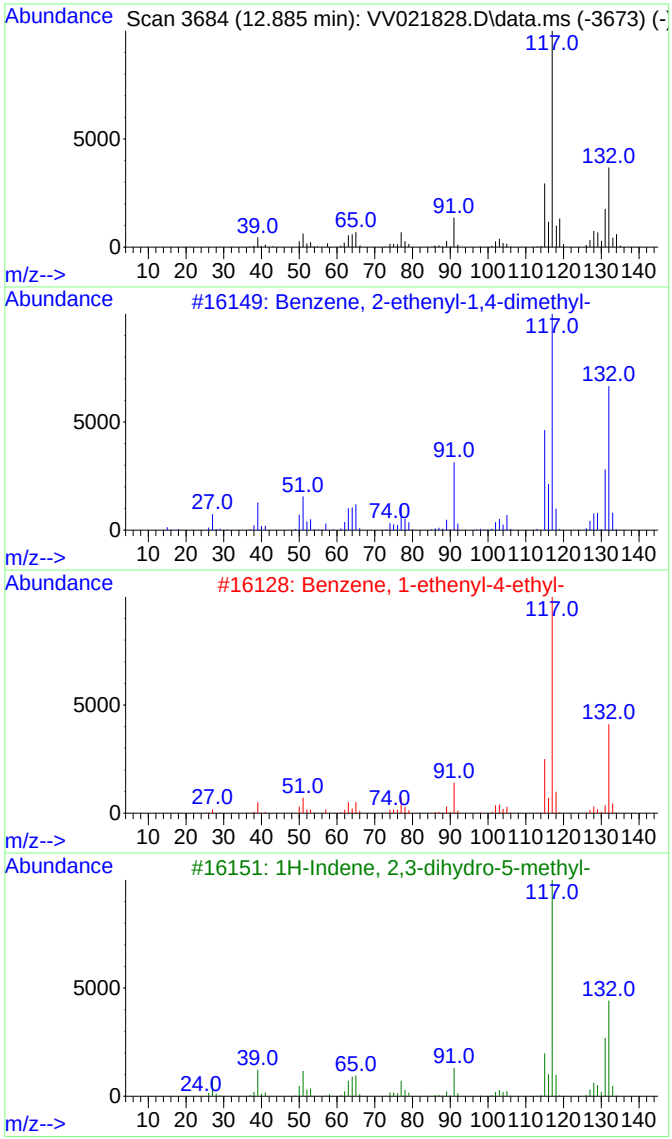
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

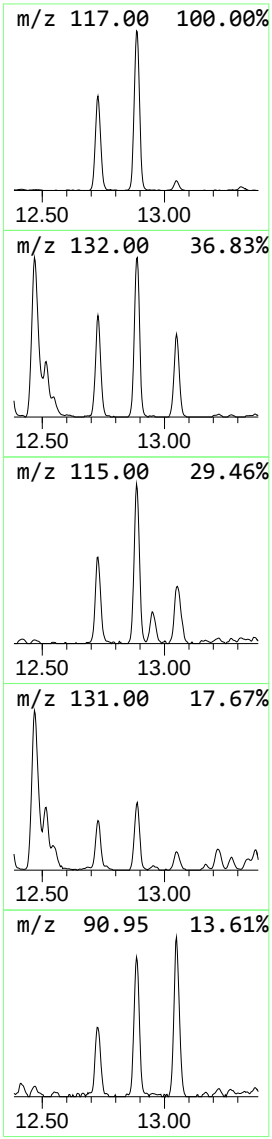
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.885	11.93 ug/L	282474	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90





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Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKB3

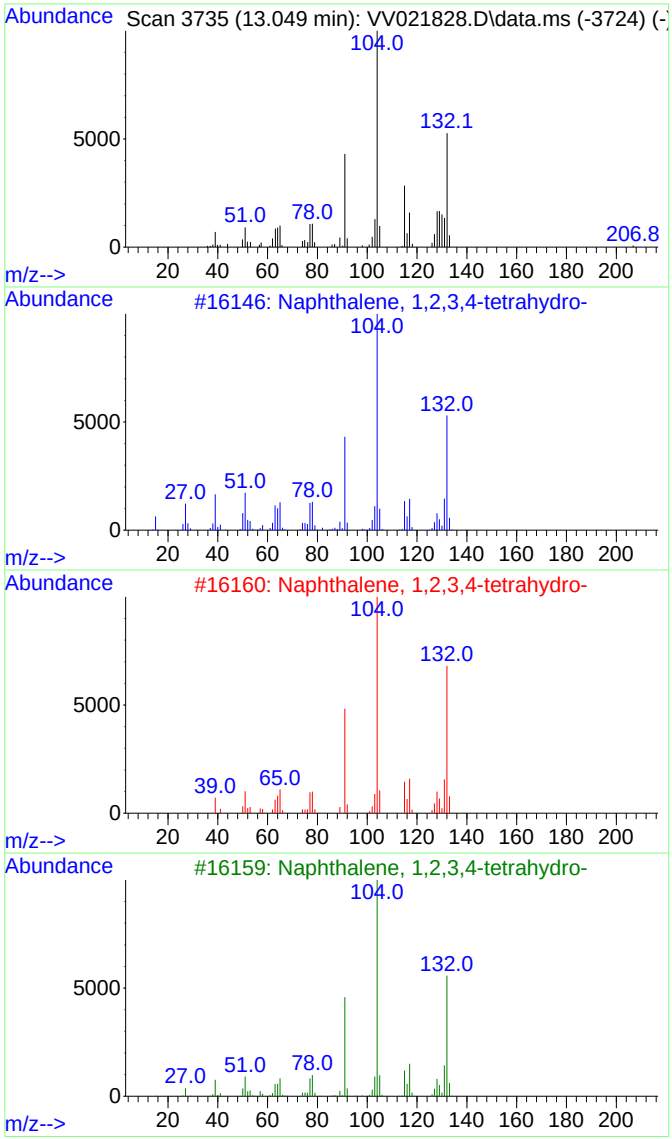
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

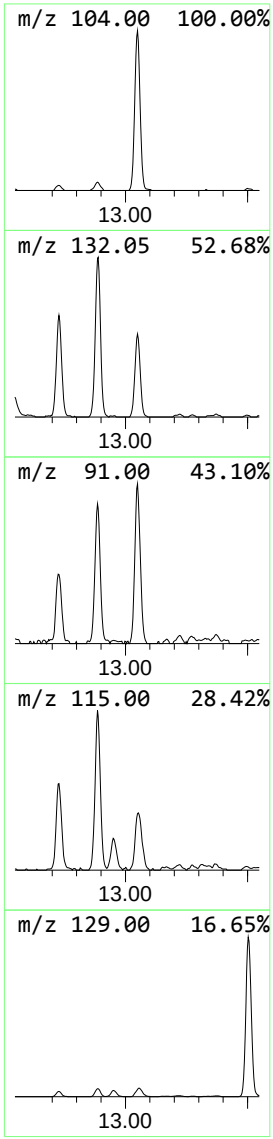
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.049	6.43 ug/L	152075	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB3

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

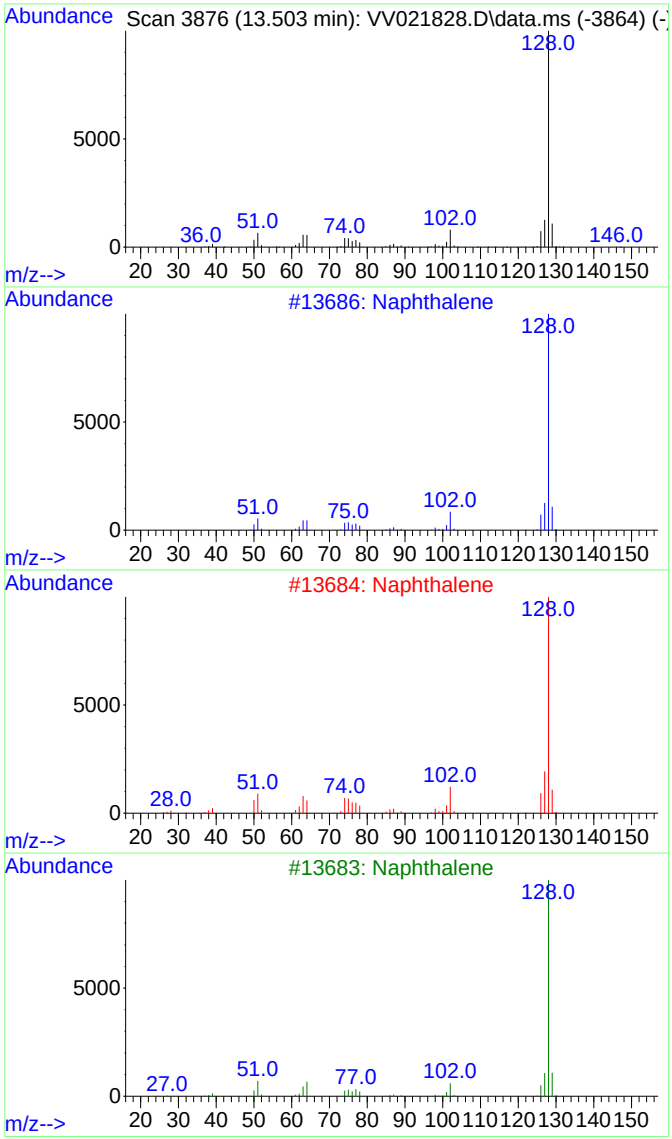
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

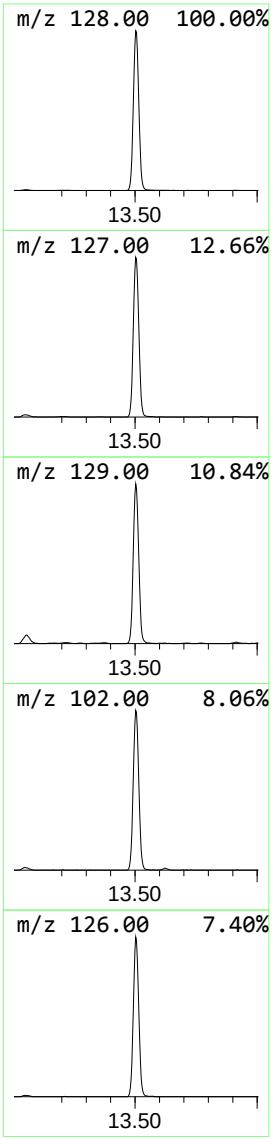
****

Peak Number 11 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	85.46 ug/L	2022810	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\VV081721\
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Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB3

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

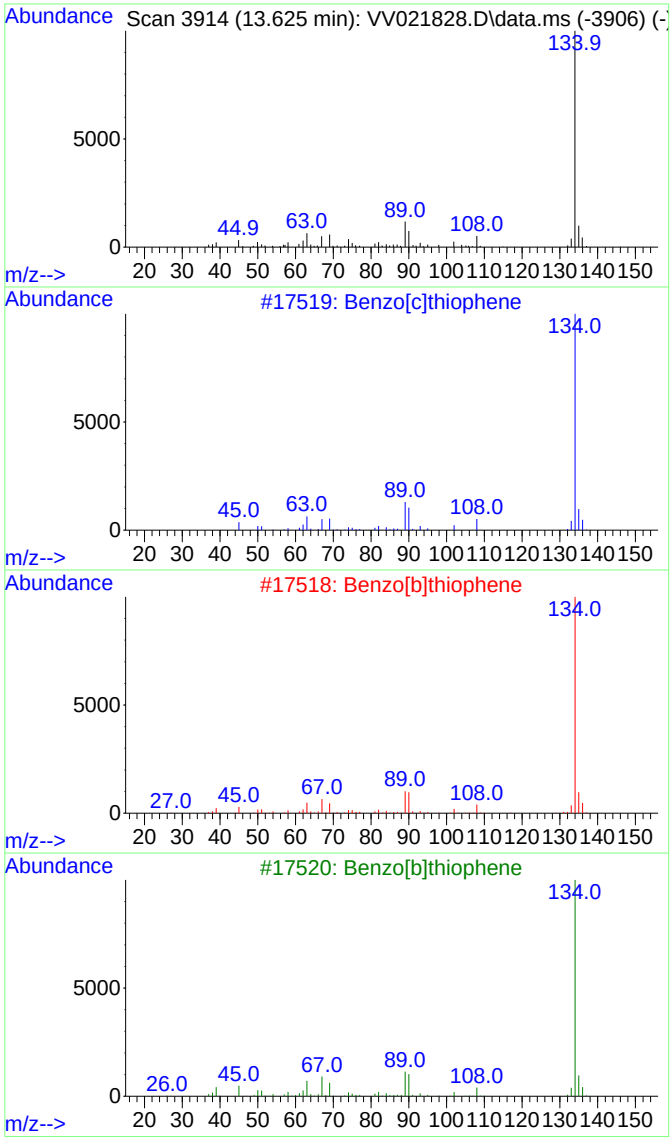
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

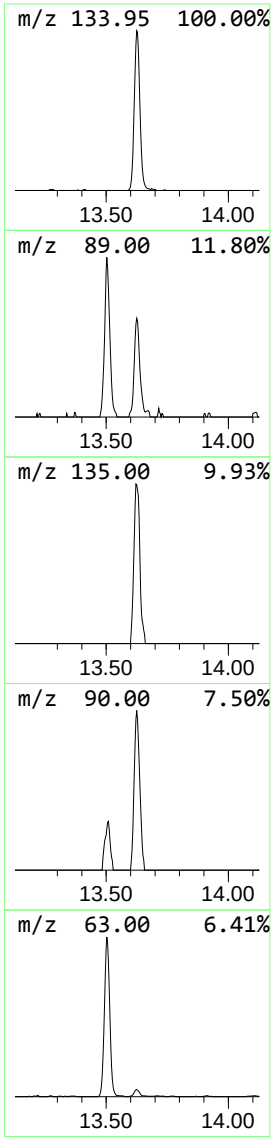
****

Peak Number 12 Benzo[c]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.625	3.40 ug/L	80564	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	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	64





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Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB3

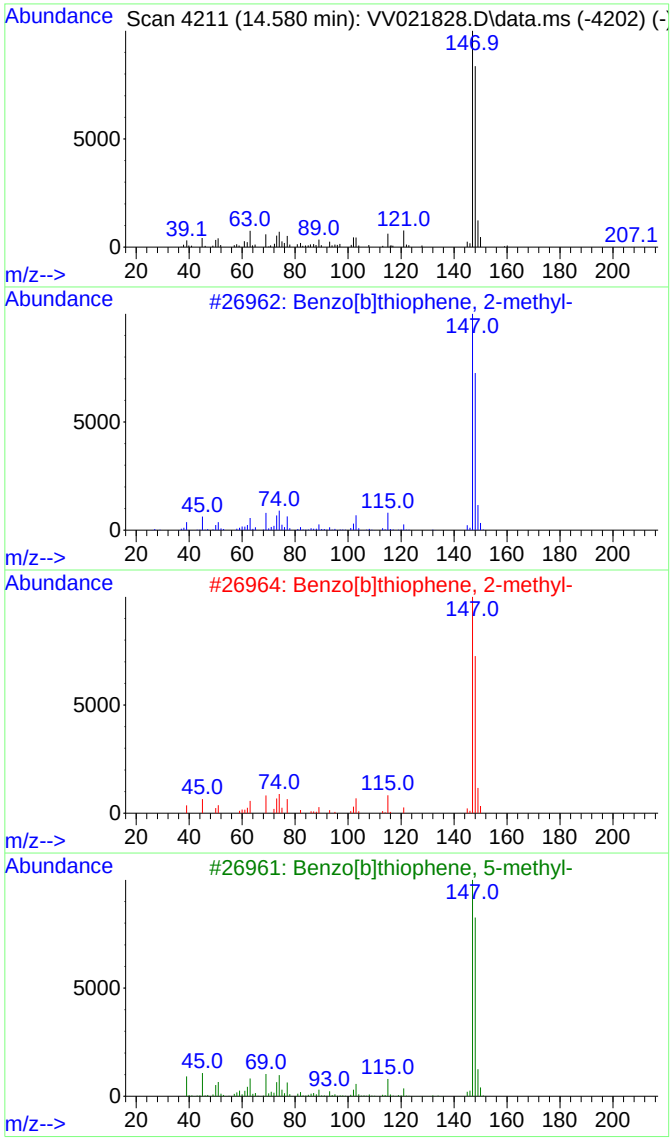
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

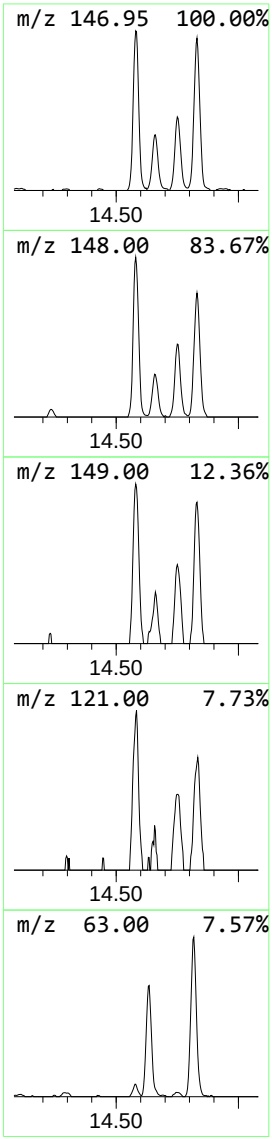
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]thiophene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.580	3.48 ug/L	82407	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
5	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91





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Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB3

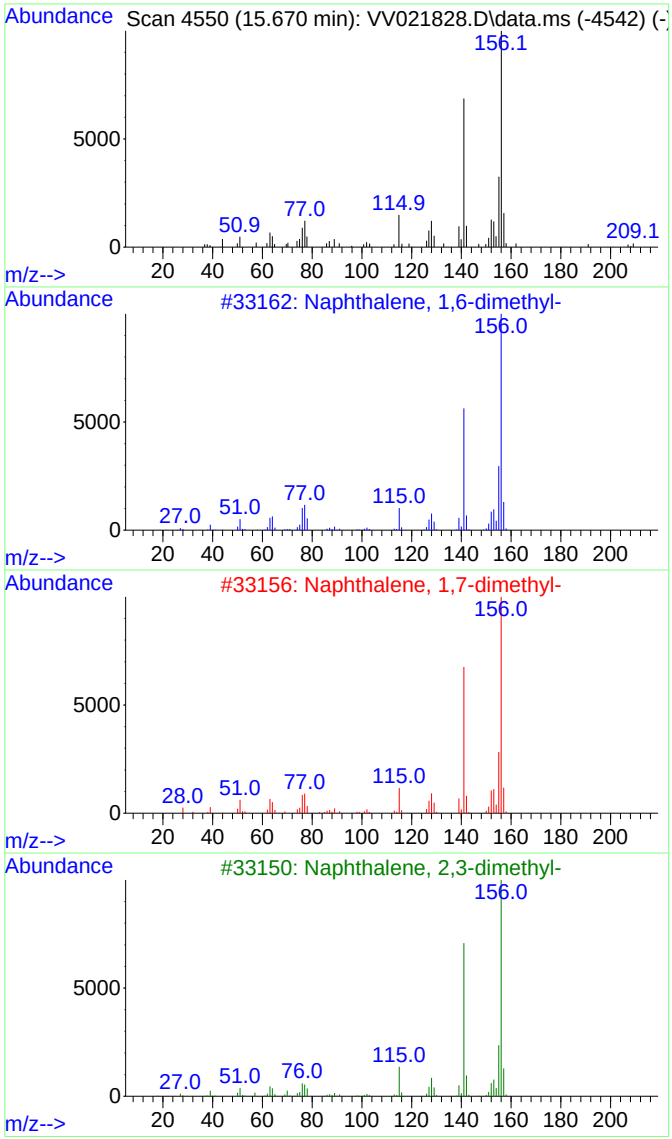
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

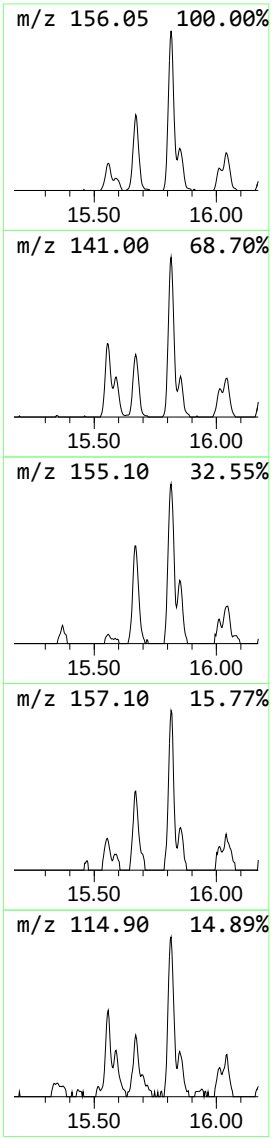
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.670	2.97 ug/L	70272	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKB3

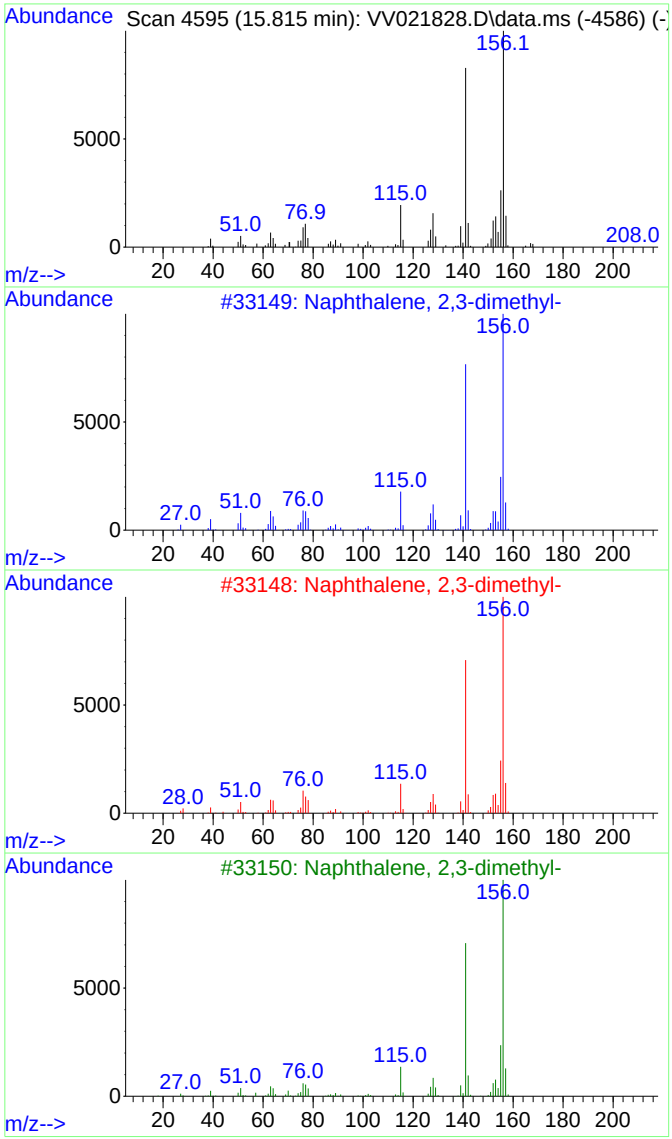
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

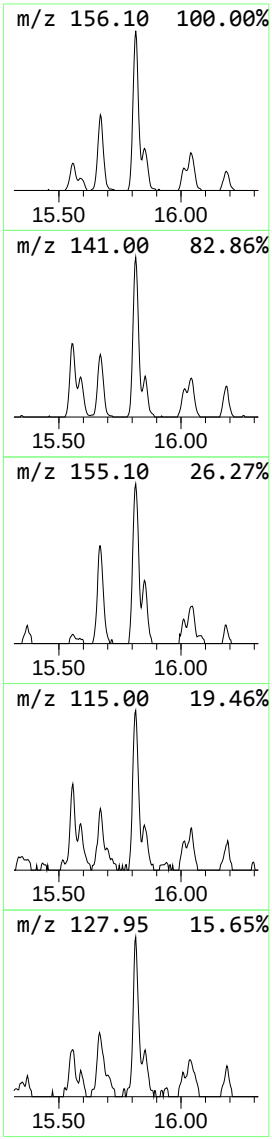
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.815	4.97 ug/L	117543	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB3

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

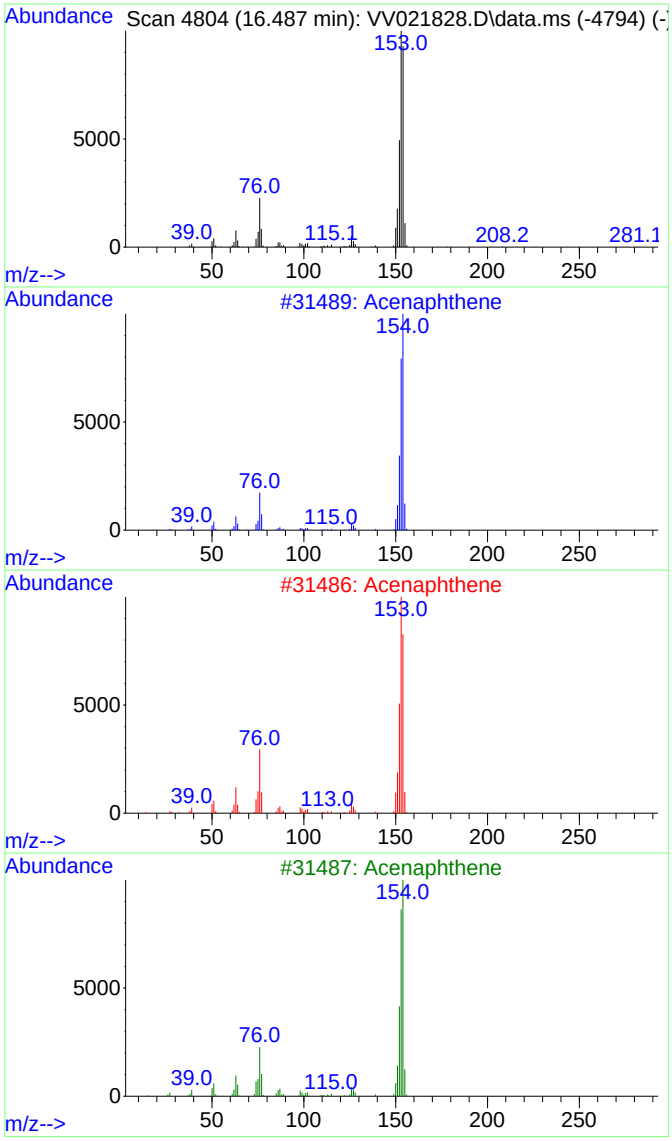
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

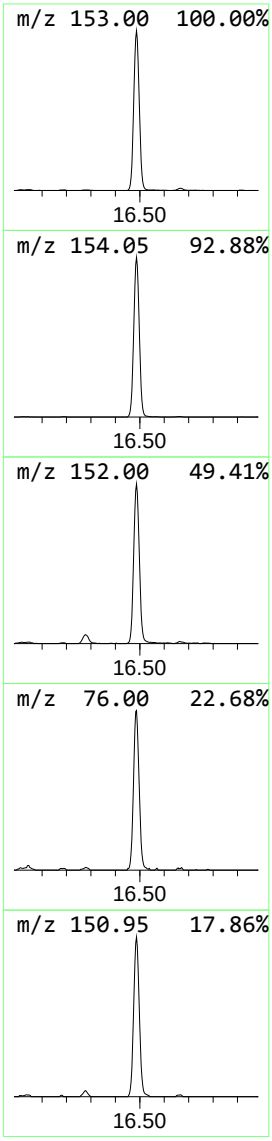
****

Peak Number 18 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	25.78 ug/L	610167	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	94
2	Acenaphthene	154	C12H10	000083-32-9	89
3	Acenaphthene	154	C12H10	000083-32-9	72
4	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
5	2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
Sample : M3399-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKB3

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
Propanoic acid,...	5.908	3.0	ug/L	58658	1	5.619	975193	50.0
Indane	11.528	156.9	ug/L	3714850	3	11.252	1183440	50.0
Benzene, 1-prop...	11.750	2.9	ug/L	67658	3	11.252	1183440	50.0
Indan, 1-methyl-	12.120	4.1	ug/L	96985	3	11.252	1183440	50.0
Benzofuran, 7-m...	12.365	3.0	ug/L	69721	3	11.252	1183440	50.0
Benzofuran, 2-m...	12.467	6.9	ug/L	162949	3	11.252	1183440	50.0
Benzene, 1-ethe...	12.728	6.7	ug/L	159583	3	11.252	1183440	50.0
Benzene, 2-ethe...	12.885	11.9	ug/L	282474	3	11.252	1183440	50.0
Naphthalene, 1,...	13.049	6.4	ug/L	152075	3	11.252	1183440	50.0
Azulene	13.503	85.5	ug/L	2022810	3	11.252	1183440	50.0
Benzo[c]thiophene	13.625	3.4	ug/L	80564	3	11.252	1183440	50.0
Benzo[b]thiophe...	14.580	3.5	ug/L	82407	3	11.252	1183440	50.0
Naphthalene, 1,...	15.670	3.0	ug/L	70272	3	11.252	1183440	50.0
Naphthalene, 2,...	15.815	5.0	ug/L	117543	3	11.252	1183440	50.0
Hexa-2,4-diyn-1...	16.486	25.8	ug/L	610167	3	11.252	1183440	50.0