LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060201.D
Acq On : 26 Jul 2024 03:25
Operator : MD/SY
Sample : P3347-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AW2

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_U\Method\SFAMULM070224WMA.M
Title : VOC Analysis

Signal : TIC: VU060201.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.595	88	95	110	rVB	96121	108625	3.21%	1.050%
2	1.907	185	192	212	rVB	78376	108995	3.22%	1.053%
3	2.560	384	395	412	rBV	132618	218533	6.45%	2.112%
4	3.042	536	545	558	rBV3	3481	6411	0.19%	0.062%
5	3.242	603	607	609	rBV2	170	160	0.00%	0.002%
6	3.280	616	619	621	rBV	229	142	0.00%	0.001%
7	3.345	636	639	640	rBV	353	161	0.00%	0.002%
8	3.515	689	692	700	rVB2	380	465	0.01%	0.004%
9	3.666	735	739	747	rBV2	192	262	0.01%	0.003%
10	3.718	753	755	759	rVB2	265	123	0.00%	0.001%
11	3.740	759	762	768	rBV2	302	262	0.01%	0.003%
12	3.801	779	781	784	rBV	182	124	0.00%	0.001%
13	3.865	798	801	804	rBV2	184	192	0.01%	0.002%
14	4.087	867	870	871	rBV	186	120	0.00%	0.001%
15	4.206	903	907	910	rBV2	165	169	0.00%	0.002%
16	4.261	919	924	929	rBV2	214	264	0.01%	0.003%
17	4.283	929	931	934	rBV	174	142	0.00%	0.001%
18	4.364	952	956	960	rVB2	382	290	0.01%	0.003%
19	4.393	960	965	969	rBV2	239	304	0.01%	0.003%
20	4.541	1007	1011	1020	rVB2	284	417	0.01%	0.004%
21	4.621	1027	1036	1070	rBV	53267	147958	4.37%	1.430%
22	4.949	1136	1138	1146	rVB3	441	410	0.01%	0.004%
23	5.055	1155	1171	1199	rBV2	118422	280395	8.28%	2.710%
24	5.280	1238	1241	1244	rBV	157	116	0.00%	0.001%
25	5.373	1265	1270	1273	rBV2	289	242	0.01%	0.002%
26	5.492	1304	1307	1310	rBV2	227	234	0.01%	0.002%
27	5.550	1323	1325	1330	rVB	204	119	0.00%	0.001%
28	5.717	1357	1377	1406	rBV2	243202	665767	19.65%	6.435%
29	5.984	1458	1460	1467	rVB2	158	144	0.00%	0.001%
30	6.017	1467	1470	1474	rBV2	331	320	0.01%	0.003%
31	6.084	1487	1491	1493	rBV2	377	329	0.01%	0.003%
32	6.123	1500	1503	1505	rBV2	366	263	0.01%	0.003%
33	6.177	1517	1520	1522	rBV	132	113	0.00%	0.001%
34	6.242	1527	1540	1570	rBV	244743	476828	14.07%	4.608%
35	6.428	1596	1598	1603	rVB2	316	182	0.01%	0.002%
36	6.537	1622	1632	1636	rBV8	2447	4019	0.12%	0.039%

LSC Area Percent Report

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Acq On : 26 Jul 2024 03:25
Operator : MD/SY
Sample : P3347-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW2

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_U\Method\SFAMULM070224WMA.M
Title : VOC Analysis

37	6.682	1664	1677	1697	rBV	151510	298754	8.82%	2.887%
38	6.833	1721	1724	1726	rVB	189	117	0.00%	0.001%
39	6.852	1726	1730	1737	rBV2	311	343	0.01%	0.003%
40	6.907	1744	1747	1753	rBV2	156	202	0.01%	0.002%
41	7.007	1773	1778	1779	rBV	248	236	0.01%	0.002%
42	7.052	1789	1792	1795	rVB2	325	242	0.01%	0.002%
43	7.206	1836	1840	1846	rVB2	410	431	0.01%	0.004%
44	7.335	1877	1880	1883	rBV2	217	194	0.01%	0.002%
45	7.560	1939	1950	1974	rBV2	68571	125378	3.70%	1.212%
46	7.788	2018	2021	2022	rBV2	365	226	0.01%	0.002%
47	7.849	2037	2040	2041	rBV	203	128	0.00%	0.001%
48	7.891	2042	2053	2070	rBV	271314	479867	14.16%	4.638%
49	8.106	2117	2120	2123	rBV2	346	299	0.01%	0.003%
50	8.174	2131	2141	2157	rBV2	45000	82651	2.44%	0.799%
51	8.299	2178	2180	2183	rVB2	452	208	0.01%	0.002%
52	8.383	2203	2206	2208	rBV	156	118	0.00%	0.001%
53	8.463	2228	2231	2237	rBV2	581	480	0.01%	0.005%
54	8.631	2272	2283	2317	rBV2	146701	307056	9.06%	2.968%
55	8.930	2374	2376	2379	rVB2	302	167	0.00%	0.002%
56	9.132	2437	2439	2442	rBV2	307	194	0.01%	0.002%
57	9.293	2486	2489	2493	rVB	254	183	0.01%	0.002%
58	9.319	2494	2497	2501	rBV	207	167	0.00%	0.002%
59	9.412	2508	2526	2551	rBV	359642	613271	18.10%	5.927%
60	9.566	2569	2574	2580	rBV4	1050	1474	0.04%	0.014%
61	9.695	2605	2614	2628	rVB2	3506	6043	0.18%	0.058%
62	9.875	2668	2670	2675	rVB2	221	230	0.01%	0.002%
63	9.897	2675	2677	2680	rBV	219	150	0.00%	0.001%
64	10.003	2707	2710	2712	rBV	274	187	0.01%	0.002%
65	10.036	2716	2720	2728	rBV2	383	428	0.01%	0.004%
66	10.100	2732	2740	2749	rBV5	3108	4653	0.14%	0.045%
67	10.167	2758	2761	2767	rBV	304	268	0.01%	0.003%
68	10.225	2776	2779	2782	rBV	316	234	0.01%	0.002%
69	10.457	2848	2851	2854	rBV2	296	305	0.01%	0.003%
70	10.749	2930	2942	2964	rBV	222083	359292	10.61%	3.473%
71	11.084	3039	3046	3056	rVB2	7434	10360	0.31%	0.100%
72	11.248	3094	3097	3101	rBV	232	160	0.00%	0.002%
73	11.466	3153	3165	3176	rBV3	11981	18726	0.55%	0.181%
74	11.573	3186	3198	3216	rBV2	11545	21425	0.63%	0.207%
75	11.730	3240	3247	3256	rBV5	1683	2802	0.08%	0.027%
76	11.807	3258	3271	3288	rBV	338834	552224	16.30%	5.337%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060201.D
Acq On : 26 Jul 2024 03:25
Operator : MD/SY
Sample : P3347-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW2

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_U\Method\SFAMULM070224WMA.M
Title : VOC Analysis

77	12.007	3331	3333	3336	rVB2	466	221	0.01%	0.002%
78	12.026	3336	3339	3342	rBV	273	182	0.01%	0.002%
79	12.087	3342	3358	3377	rVV2	61270	108552	3.20%	1.049%
80	12.187	3377	3389	3411	rVB	286850	467665	13.80%	4.520%
81	12.309	3418	3427	3443	rVB2	18001	29905	0.88%	0.289%
82	12.573	3503	3509	3516	rVB4	2968	3756	0.11%	0.036%
83	12.675	3535	3541	3555	rVB3	8456	13584	0.40%	0.131%
84	12.923	3611	3618	3625	rBV5	3969	6077	0.18%	0.059%
85	13.029	3642	3651	3663	rBV7	9803	19335	0.57%	0.187%
86	13.290	3724	3732	3745	rVB	10584	15844	0.47%	0.153%
87	13.338	3745	3747	3750	rVB	333	185	0.01%	0.002%
88	13.447	3771	3781	3792	rBV3	30038	49504	1.46%	0.478%
89	13.515	3796	3802	3815	rBV5	2825	4338	0.13%	0.042%
90	13.621	3828	3835	3848	rVB6	7082	13045	0.39%	0.126%
91	13.730	3863	3869	3874	rBV4	801	1109	0.03%	0.011%
92	13.781	3878	3885	3892	rVB3	2079	3072	0.09%	0.030%
93	14.077	3961	3977	3998	rBV	2193312	3387889	100.00%	32.743%
94	14.199	4008	4015	4035	rVB	74155	124140	3.66%	1.200%
95	14.630	4147	4149	4151	rBV2	403	215	0.01%	0.002%
96	14.662	4151	4159	4170	rVV5	4352	8472	0.25%	0.082%
97	15.164	4309	4315	4320	rBV2	9185	12402	0.37%	0.120%
98	15.215	4321	4331	4353	rVB	362517	588122	17.36%	5.684%
99	15.402	4378	4389	4413	rVB	329965	539101	15.91%	5.210%
100	16.405	4693	4701	4707	rBV2	24610	36573	1.08%	0.353%

Sum of corrected areas: 10346761

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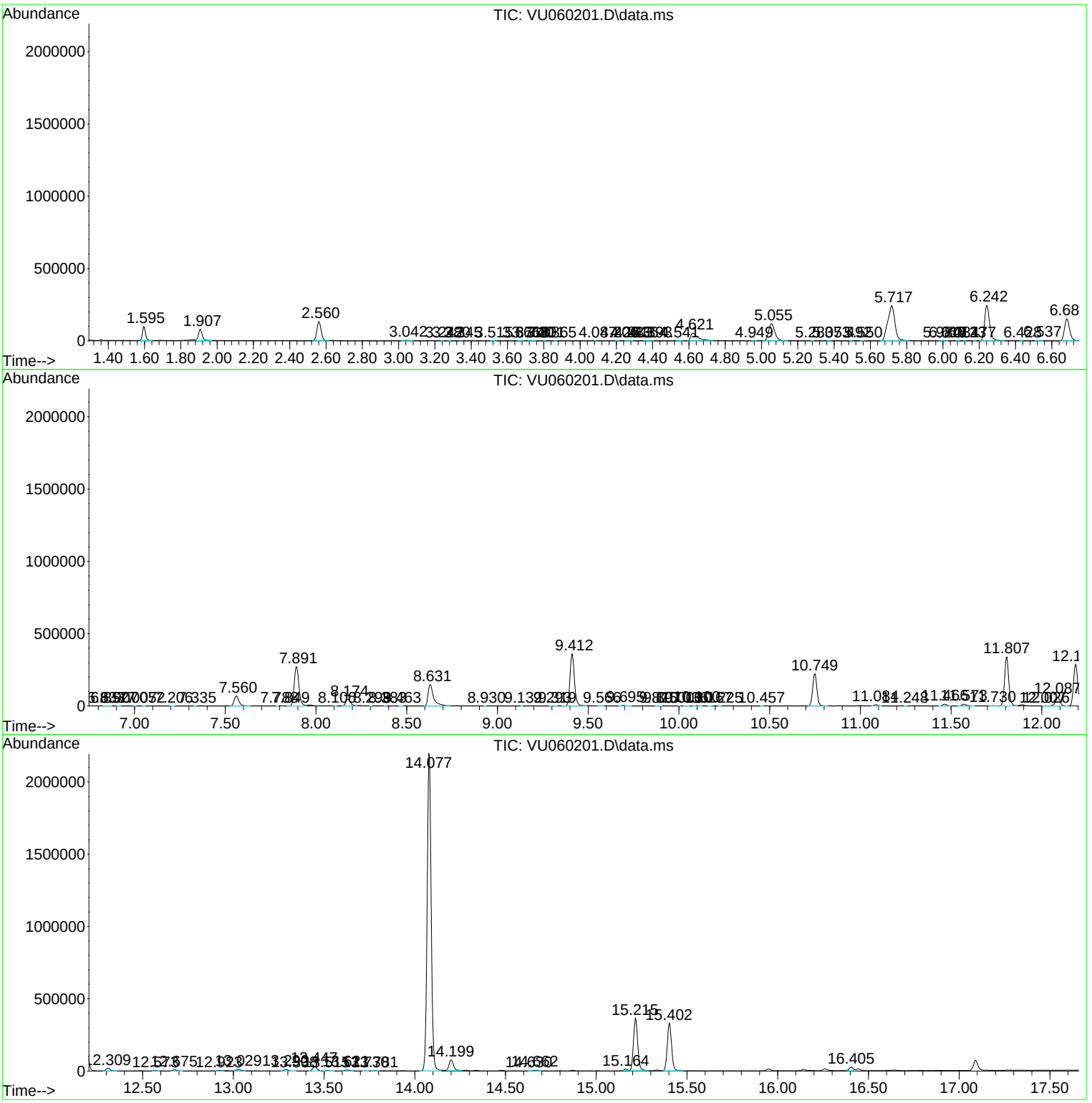
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060201.D
Acq On : 26 Jul 2024 03:25
Operator : MD/SY
Sample : P3347-02
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ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

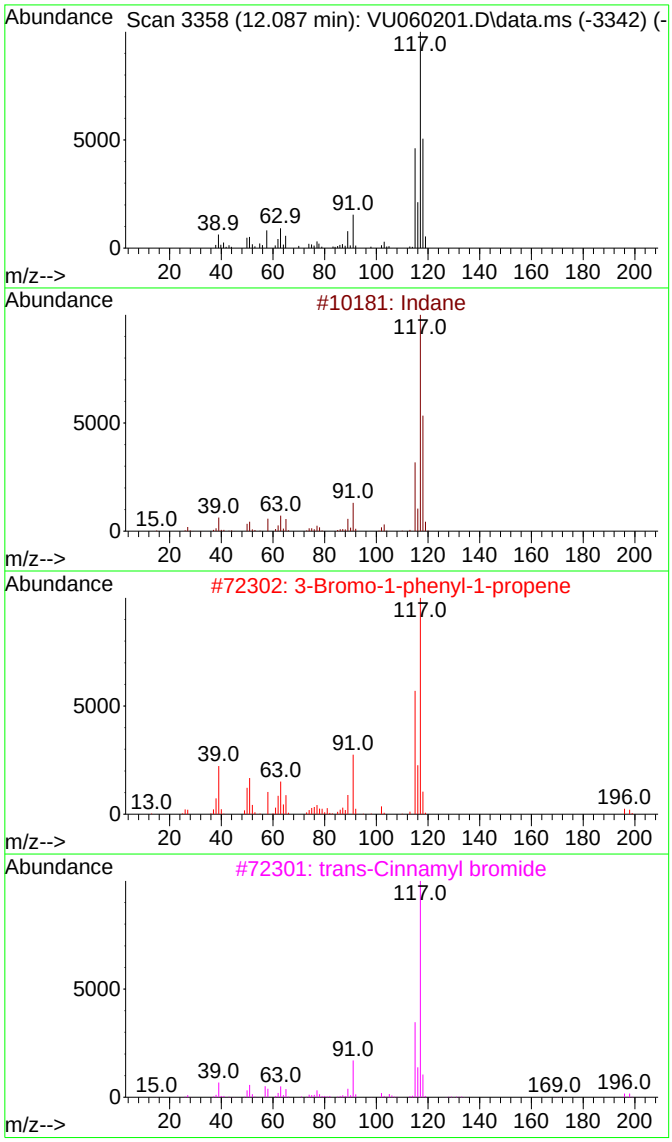
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

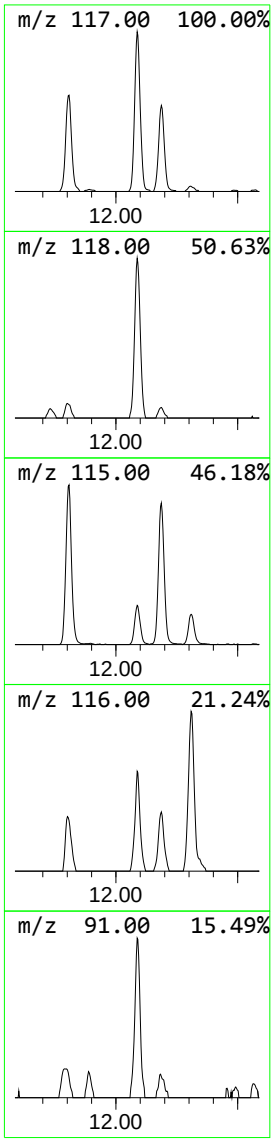
****

Peak Number 2 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	9.83 ug/L	108552	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	59
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	50
5	Deltacyclene	118	C9H10	007785-10-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060201.D
Acq On : 26 Jul 2024 03:25
Operator : MD/SY
Sample : P3347-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW2

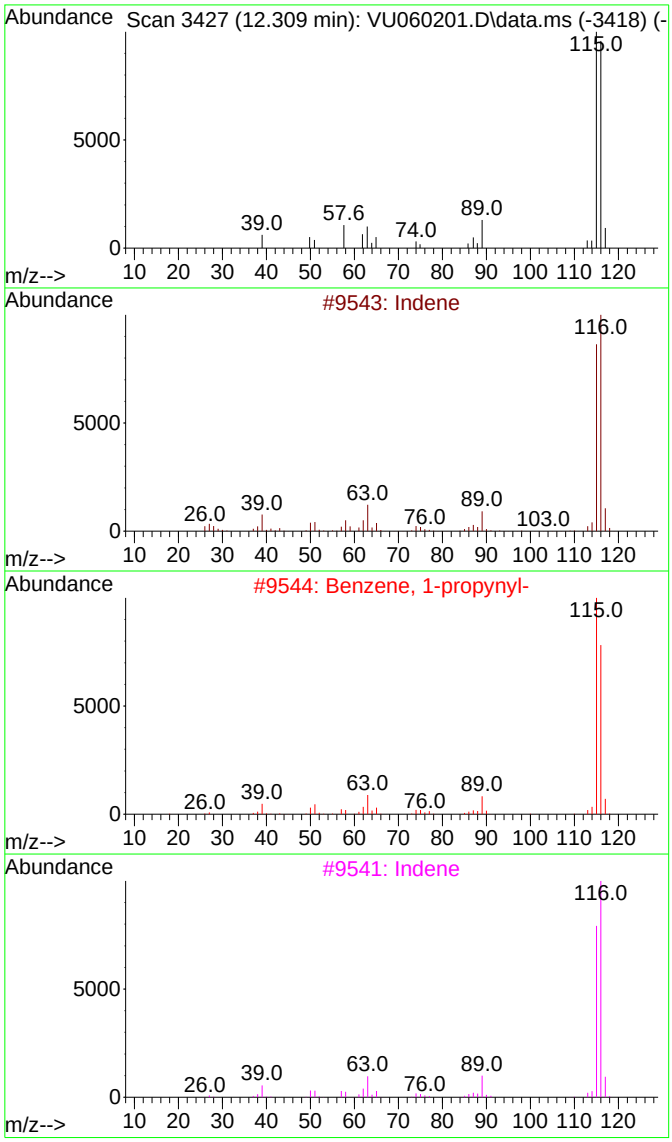
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

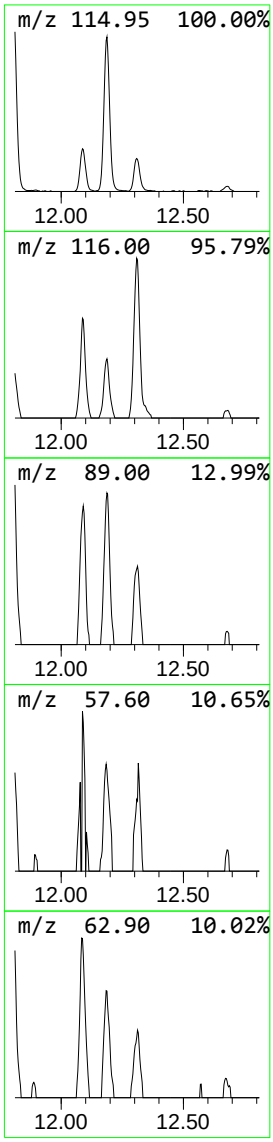
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.309	2.71 ug/L	29905	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Indene	116	C9H8	000095-13-6	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





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Acq On : 26 Jul 2024 03:25
Operator : MD/SY
Sample : P3347-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW2

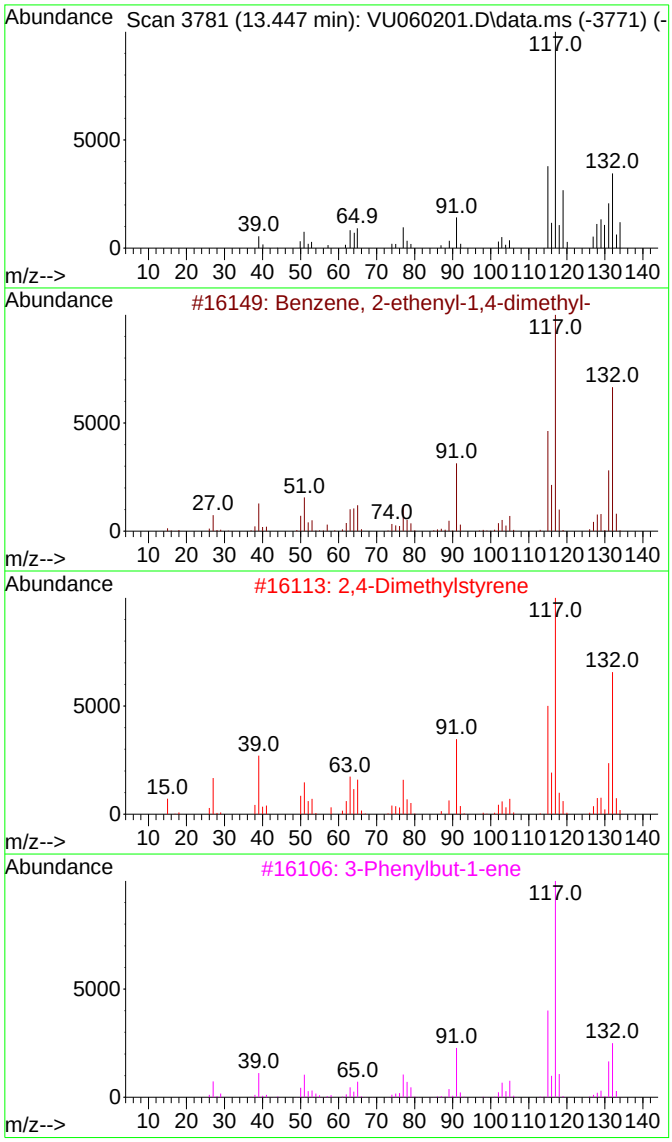
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

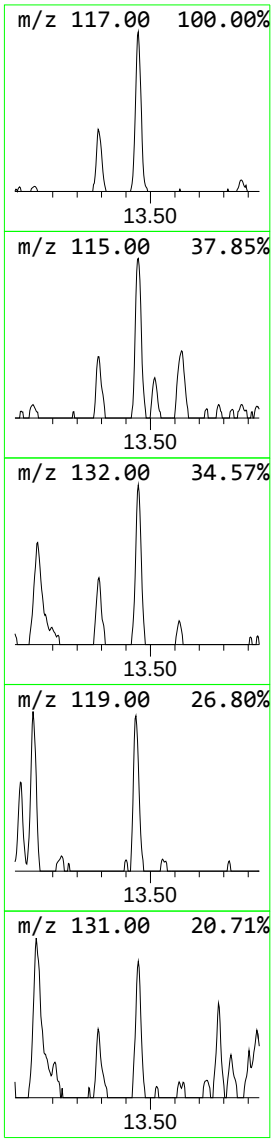
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	4.48 ug/L	49504	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60





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Operator : MD/SY
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW2

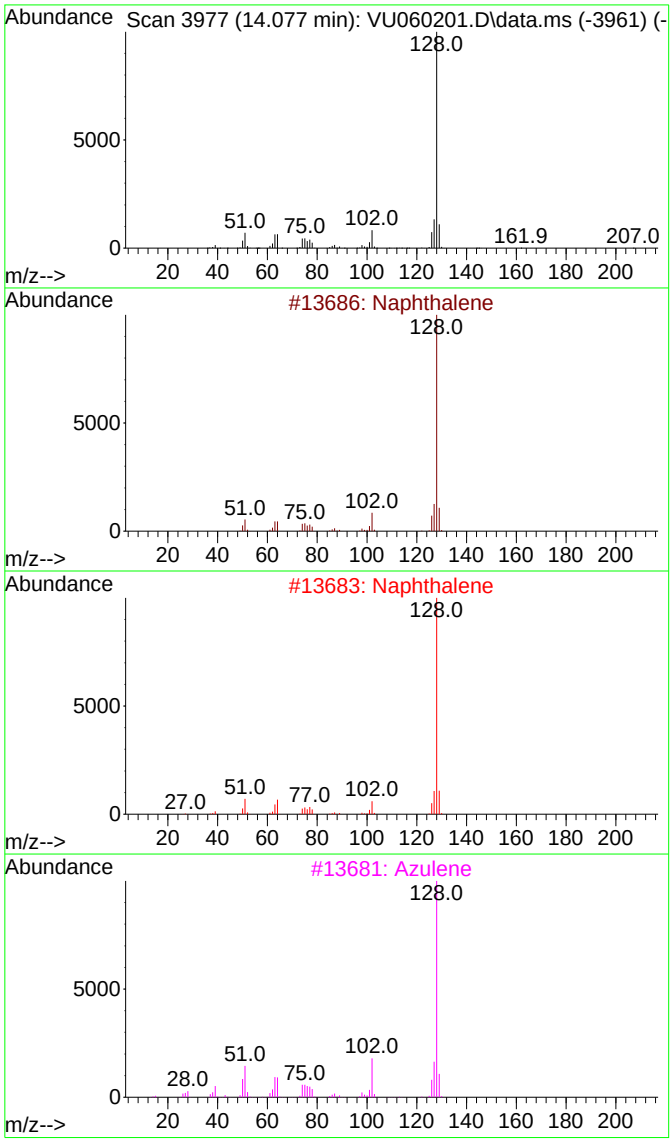
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

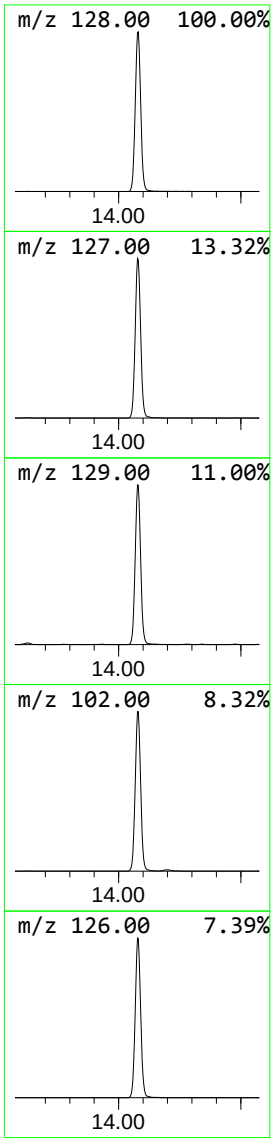
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	306.75 ug/L	3387890	1,4-Dichlorobenzene-d4	11.807

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	Azulene	128	C10H8	000275-51-4	94
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060201.D
Acq On : 26 Jul 2024 03:25
Operator : MD/SY
Sample : P3347-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW2

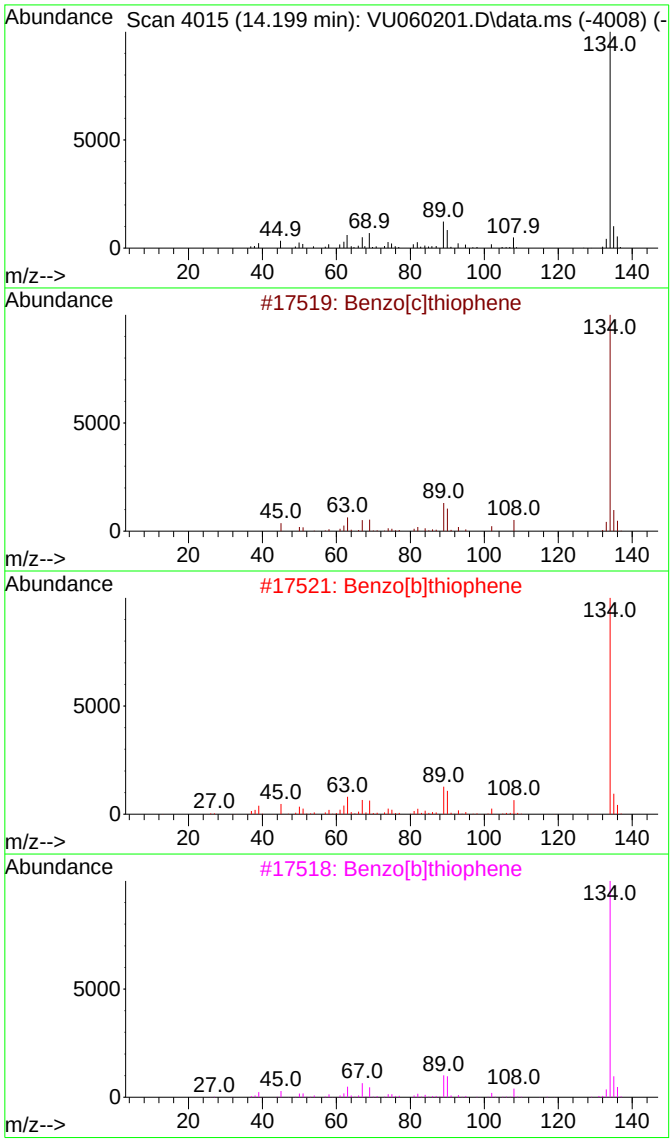
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

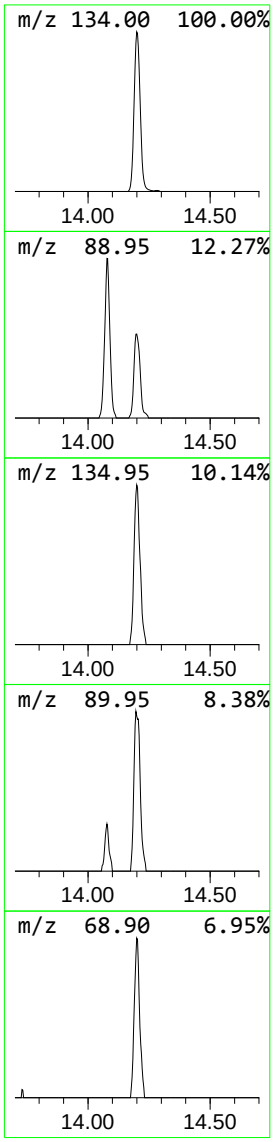
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	11.24 ug/L	124140	1,4-Dichlorobenzene-d4	11.807

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	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060201.D
Acq On : 26 Jul 2024 03:25
Operator : MD/SY
Sample : P3347-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

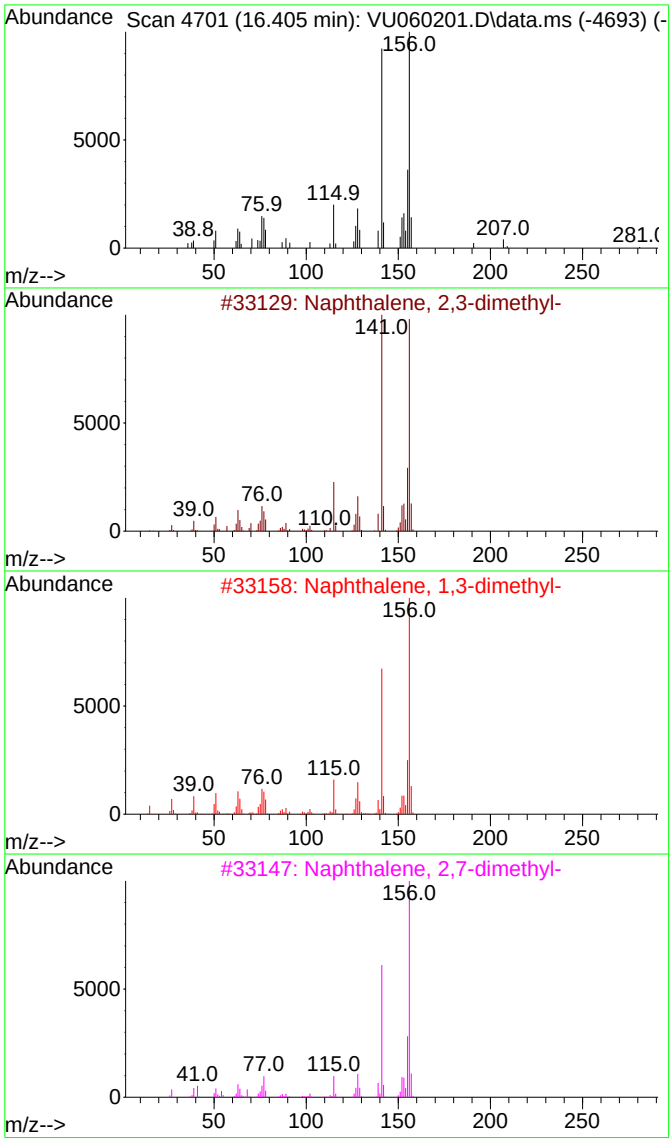
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

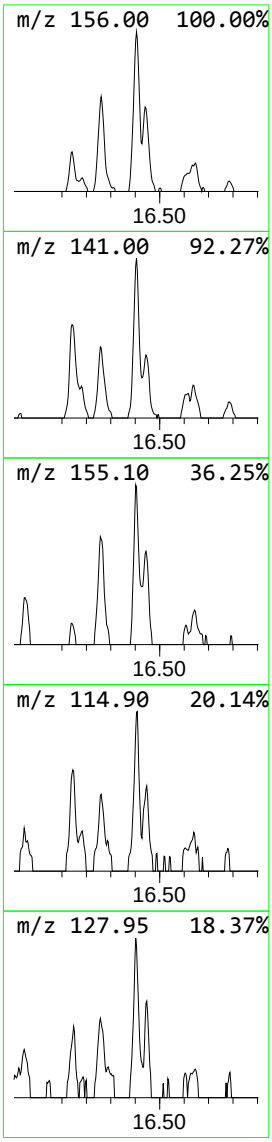
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.405	3.31 ug/L	36573	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060201.D
Acq On : 26 Jul 2024 03:25
Operator : MD/SY
Sample : P3347-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.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	12.087	9.8	ug/L	108552	3	11.807	552224	50.0
Indene	12.309	2.7	ug/L	29905	3	11.807	552224	50.0
Benzene, 2-ethe...	13.447	4.5	ug/L	49504	3	11.807	552224	50.0
Azulene	14.077	306.8	ug/L	3387890	3	11.807	552224	50.0
Benzo[c]thiophene	14.200	11.2	ug/L	124140	3	11.807	552224	50.0
Naphthalene, 2,...	16.405	3.3	ug/L	36573	3	11.807	552224	50.0