LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028482.D
Acq On : 09 Oct 2022 13:30
Operator : SY/MD
Sample : N4923-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007DL

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\SFAMVLM100722WMA.M
Title : VOC Analysis

Signal : TIC: VV028482.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	105	rVB	229420	243379	12.82%	1.471%
2	1.564	157	163	181	rVB	176366	203122	10.70%	1.227%
3	2.101	322	330	345	rVB	357655	515606	27.16%	3.115%
4	2.834	553	558	563	rVB4	906	932	0.05%	0.006%
5	2.860	563	566	569	rBV4	583	381	0.02%	0.002%
6	2.895	574	577	580	rVV2	792	513	0.03%	0.003%
7	3.063	624	629	632	rBV5	798	788	0.04%	0.005%
8	3.095	637	639	641	rBV	656	326	0.02%	0.002%
9	3.288	690	699	700	rBV5	519	598	0.03%	0.004%
10	3.313	704	707	710	rBV3	642	404	0.02%	0.002%
11	3.368	722	724	729	rVB3	728	454	0.02%	0.003%
12	3.638	805	808	810	rBV2	644	535	0.03%	0.003%
13	3.709	829	830	836	rVB3	473	357	0.02%	0.002%
14	3.738	836	839	843	rVB2	481	329	0.02%	0.002%
15	3.895	877	888	936	rBV2	88644	388607	20.47%	2.348%
16	4.342	1012	1027	1054	rBV	246333	608714	32.06%	3.678%
17	4.603	1106	1108	1115	rVB4	767	627	0.03%	0.004%
18	4.719	1142	1144	1148	rBV2	660	535	0.03%	0.003%
19	4.866	1188	1190	1195	rVB3	763	446	0.02%	0.003%
20	5.040	1225	1244	1255	rBV2	638287	1610473	84.83%	9.731%
21	5.323	1330	1332	1336	rVB2	839	502	0.03%	0.003%
22	5.612	1406	1422	1450	rBV	424262	865262	45.58%	5.228%
23	6.063	1549	1562	1589	rBV	349776	723563	38.11%	4.372%
24	6.342	1647	1649	1652	rVB2	592	291	0.02%	0.002%
25	6.365	1652	1656	1659	rBV3	512	411	0.02%	0.002%
26	6.381	1659	1661	1665	rBV2	495	307	0.02%	0.002%
27	6.403	1665	1668	1673	rVB5	821	748	0.04%	0.005%
28	6.432	1673	1677	1681	rBV5	737	582	0.03%	0.004%
29	6.464	1681	1687	1690	rVB5	967	839	0.04%	0.005%
30	6.484	1690	1693	1694	rBV2	723	408	0.02%	0.002%
31	6.513	1699	1702	1705	rBV3	430	359	0.02%	0.002%
32	6.677	1751	1753	1754	rBV	626	308	0.02%	0.002%
33	6.709	1762	1763	1769	rVB3	459	339	0.02%	0.002%
34	6.834	1798	1802	1806	rBV3	834	525	0.03%	0.003%
35	6.895	1817	1821	1829	rVB5	664	657	0.03%	0.004%
36	6.927	1829	1831	1834	rBV2	521	334	0.02%	0.002%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
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Acq On : 09 Oct 2022 13:30
Operator : SY/MD
Sample : N4923-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007DL

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\SFAMVLM100722WMA.M
Title : VOC Analysis

37	6.979	1836	1847	1873	rBV	216782	406402	21.41%	2.456%
38	7.310	1938	1950	1964	rBV	759751	1327405	69.92%	8.021%
39	7.384	1965	1973	2006	rVB	289373	515677	27.16%	3.116%
40	7.616	2036	2045	2065	rBV	147703	257745	13.58%	1.557%
41	7.988	2157	2161	2162	rBV2	866	479	0.03%	0.003%
42	8.017	2167	2170	2172	rBV	454	331	0.02%	0.002%
43	8.040	2175	2177	2181	rBV4	477	291	0.02%	0.002%
44	8.085	2181	2191	2221	rBV	427455	819447	43.16%	4.951%
45	8.542	2330	2333	2337	rBV4	523	311	0.02%	0.002%
46	8.577	2341	2344	2347	rBV4	562	361	0.02%	0.002%
47	8.715	2383	2387	2391	rBV5	558	354	0.02%	0.002%
48	8.796	2410	2412	2414	rBV3	634	348	0.02%	0.002%
49	8.844	2414	2427	2454	rVV	616627	1014284	53.43%	6.129%
50	9.011	2471	2479	2495	rVB	23263	38522	2.03%	0.233%
51	9.088	2502	2503	2505	rBV2	609	305	0.02%	0.002%
52	9.133	2507	2517	2541	rVB	131670	220594	11.62%	1.333%
53	9.249	2551	2553	2559	rVB4	815	775	0.04%	0.005%
54	9.316	2568	2574	2577	rBV6	1521	1563	0.08%	0.009%
55	9.371	2589	2591	2594	rVB2	708	356	0.02%	0.002%
56	9.406	2600	2602	2604	rBV2	882	496	0.03%	0.003%
57	9.490	2625	2628	2630	rBV3	777	525	0.03%	0.003%
58	9.548	2634	2646	2672	rVV3	92454	236835	12.47%	1.431%
59	9.693	2689	2691	2697	rVB4	909	761	0.04%	0.005%
60	9.725	2697	2701	2703	rBV2	734	479	0.03%	0.003%
61	9.763	2706	2713	2714	rBV2	701	687	0.04%	0.004%
62	9.844	2735	2738	2742	rBV4	607	429	0.02%	0.003%
63	9.931	2758	2765	2774	rBV6	1743	3114	0.16%	0.019%
64	10.072	2807	2809	2814	rBV4	446	341	0.02%	0.002%
65	10.207	2836	2851	2869	rBV	466967	739524	38.95%	4.468%
66	10.336	2889	2891	2892	rBV	781	310	0.02%	0.002%
67	10.445	2915	2925	2944	rBV3	10510	23551	1.24%	0.142%
68	10.535	2944	2953	2962	rBV2	18009	26089	1.37%	0.158%
69	10.644	2985	2987	2991	rVB3	611	320	0.02%	0.002%
70	10.693	2998	3002	3006	rBV3	613	552	0.03%	0.003%
71	10.734	3007	3015	3022	rBV3	4480	6998	0.37%	0.042%
72	10.847	3046	3050	3057	rBV5	1278	1250	0.07%	0.008%
73	10.908	3060	3069	3082	rBV2	38169	58581	3.09%	0.354%
74	10.982	3086	3092	3102	rVV3	16002	22873	1.20%	0.138%
75	11.114	3129	3133	3137	rVB3	539	442	0.02%	0.003%
76	11.162	3138	3148	3161	rBV	118997	190024	10.01%	1.148%

LSC Area Percent Report

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Operator : SY/MD
Sample : N4923-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007DL

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\SFAMVLM100722WMA.M
Title : VOC Analysis

77	11.239	3162	3172	3192	rVB	672267	1034281	54.48%	6.249%
78	11.394	3213	3220	3231	rBV7	7016	12836	0.68%	0.078%
79	11.519	3248	3259	3272	rBV	65495	105567	5.56%	0.638%
80	11.615	3277	3289	3308	rBV	739007	1159790	61.09%	7.008%
81	11.734	3316	3326	3347	rBV	366018	570729	30.06%	3.448%
82	12.008	3404	3411	3417	rBV5	2801	4349	0.23%	0.026%
83	12.075	3429	3432	3433	rBV2	966	551	0.03%	0.003%
84	12.239	3478	3483	3485	rBV5	925	791	0.04%	0.005%
85	12.313	3501	3506	3507	rBV2	876	761	0.04%	0.005%
86	12.352	3510	3518	3528	rBV3	20713	33992	1.79%	0.205%
87	12.458	3541	3551	3562	rBV2	46192	88868	4.68%	0.537%
88	12.718	3627	3632	3640	rVB4	5165	6570	0.35%	0.040%
89	12.834	3665	3668	3671	rVB3	722	321	0.02%	0.002%
90	12.873	3671	3680	3691	rBV3	14306	22161	1.17%	0.134%
91	12.943	3692	3702	3715	rBV4	19225	31135	1.64%	0.188%
92	13.046	3724	3734	3749	rVB2	24033	40807	2.15%	0.247%
93	13.284	3806	3808	3812	rBV2	642	326	0.02%	0.002%
94	13.332	3822	3823	3828	rBV3	514	310	0.02%	0.002%
95	13.406	3843	3846	3847	rBV3	644	388	0.02%	0.002%
96	13.490	3860	3872	3895	rBV	1228222	1898518	100.00%	11.471%
97	13.612	3902	3910	3922	rVB	62540	95645	5.04%	0.578%
98	14.622	4214	4224	4239	rBV	113505	178387	9.40%	1.078%
99	14.805	4271	4281	4297	rBV	91884	151204	7.96%	0.914%
100	15.802	4584	4591	4598	rBV3	12893	19526	1.03%	0.118%

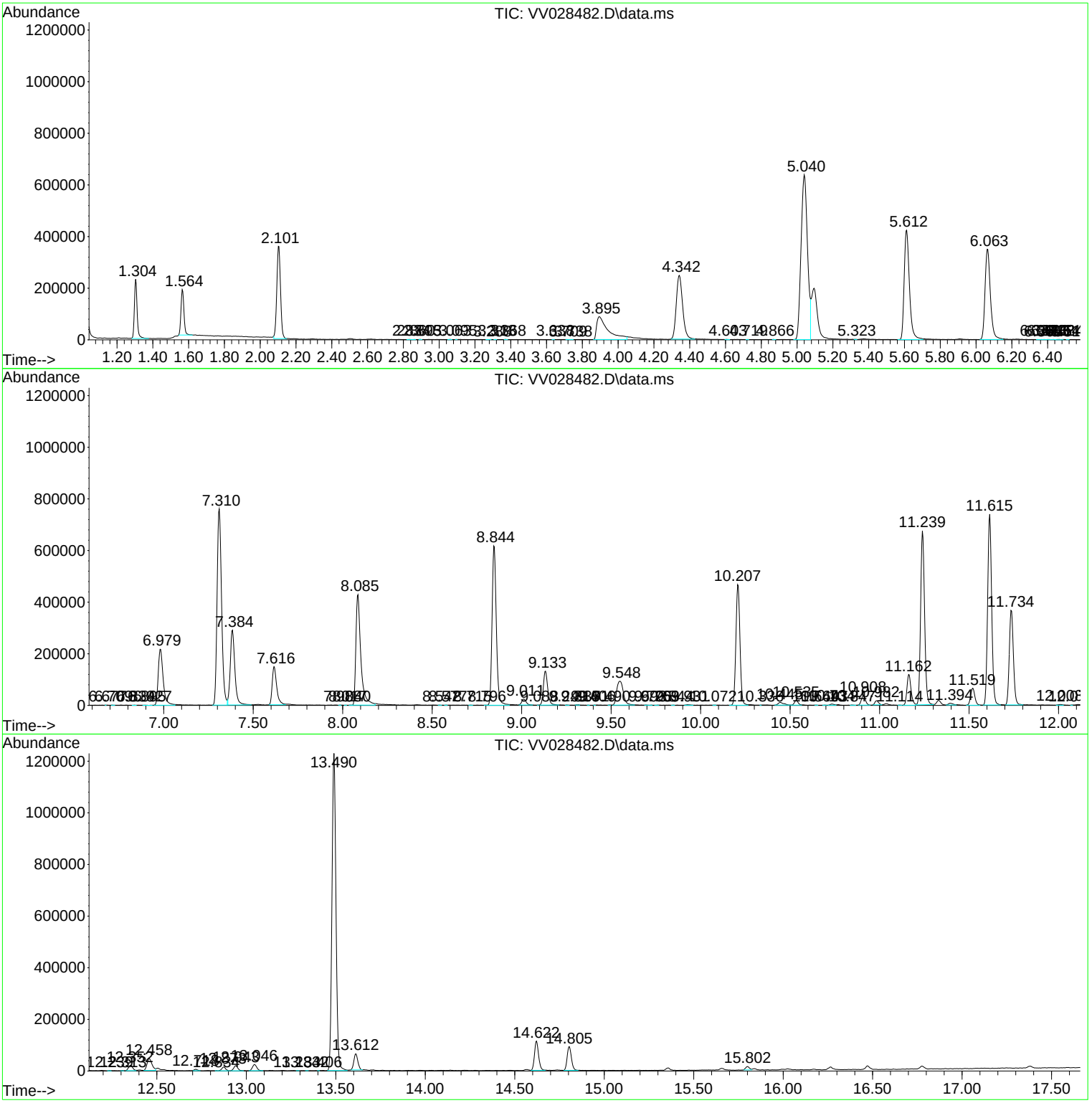
Sum of corrected areas: 16550105

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028482.D
Acq On : 09 Oct 2022 13:30
Operator : SY/MD
Sample : N4923-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028482.D
Acq On : 09 Oct 2022 13:30
Operator : SY/MD
Sample : N4923-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

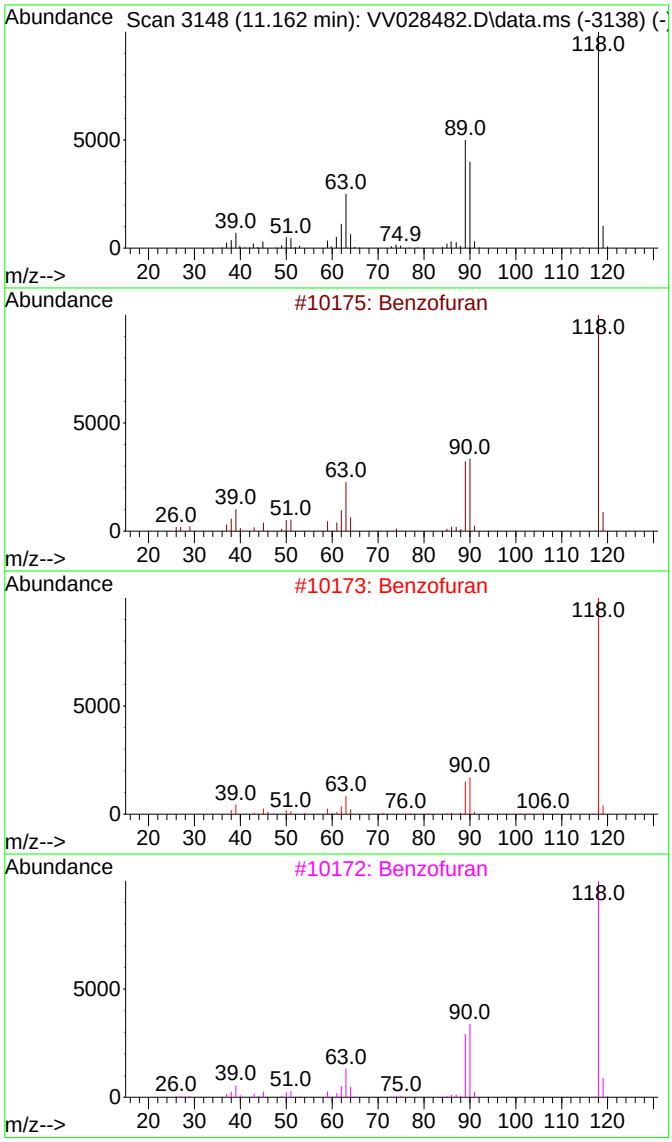
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

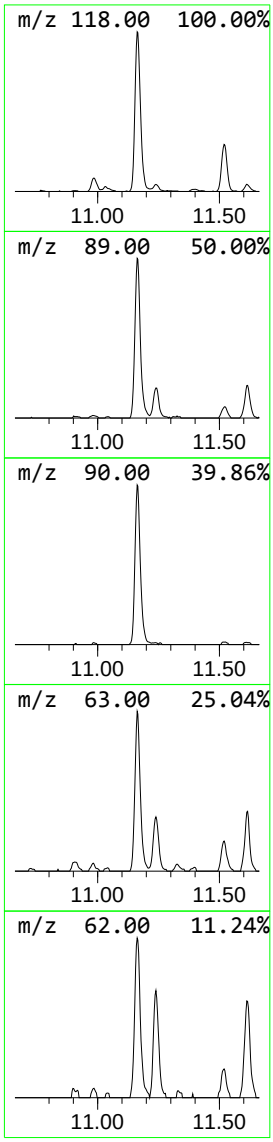
****

Peak Number 2 Benzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.162	9.19 ug/L	190024	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
2	Benzofuran	118	C8H6O	000271-89-6	90
3	Benzofuran	118	C8H6O	000271-89-6	87
4	Benzofuran	118	C8H6O	000271-89-6	87
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028482.D
Acq On : 09 Oct 2022 13:30
Operator : SY/MD
Sample : N4923-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

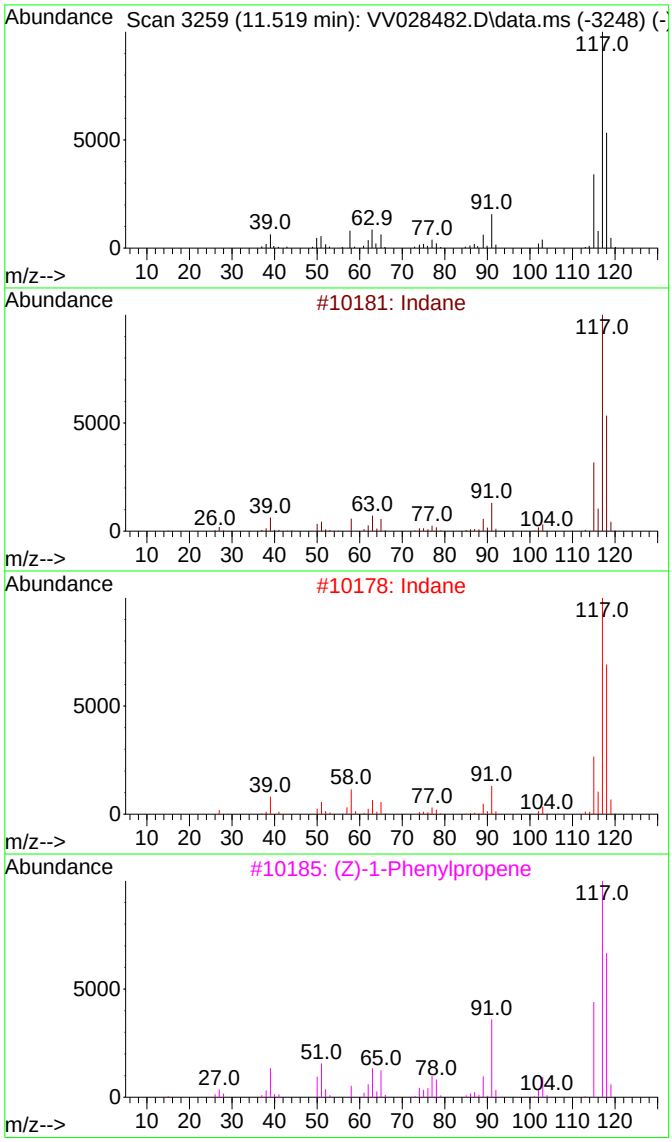
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

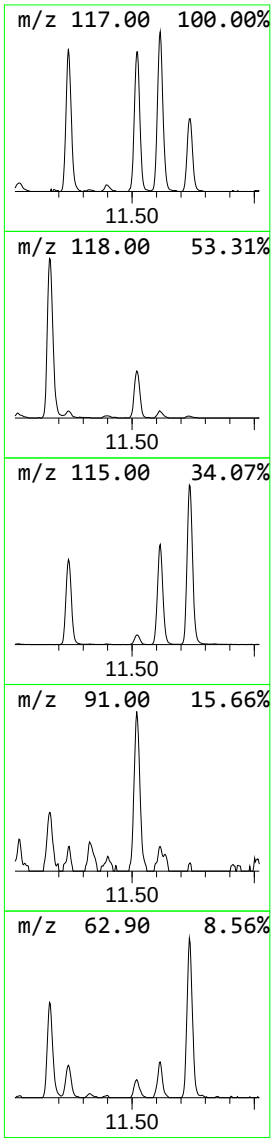
****

Peak Number 3 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	5.10 ug/L	105567	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	87
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028482.D
Acq On : 09 Oct 2022 13:30
Operator : SY/MD
Sample : N4923-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

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

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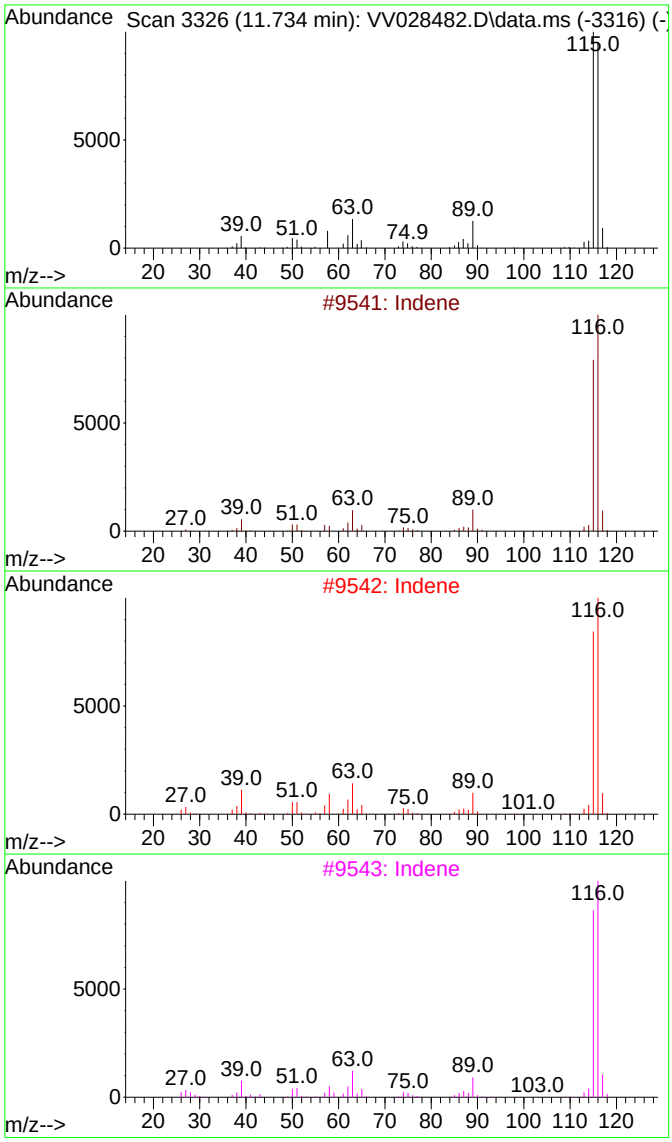
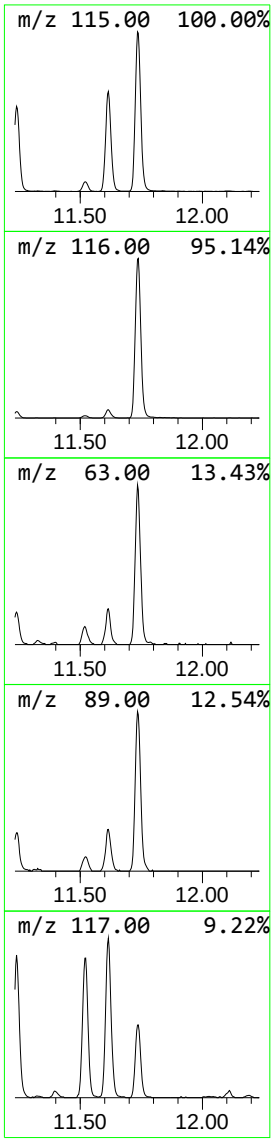
Peak Number 4 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.734	27.59 ug/L	570729	1,4-Dichlorobenzene-d4	11.239

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	Indene	116	C9H8	000095-13-6	95
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028482.D
Acq On : 09 Oct 2022 13:30
Operator : SY/MD
Sample : N4923-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

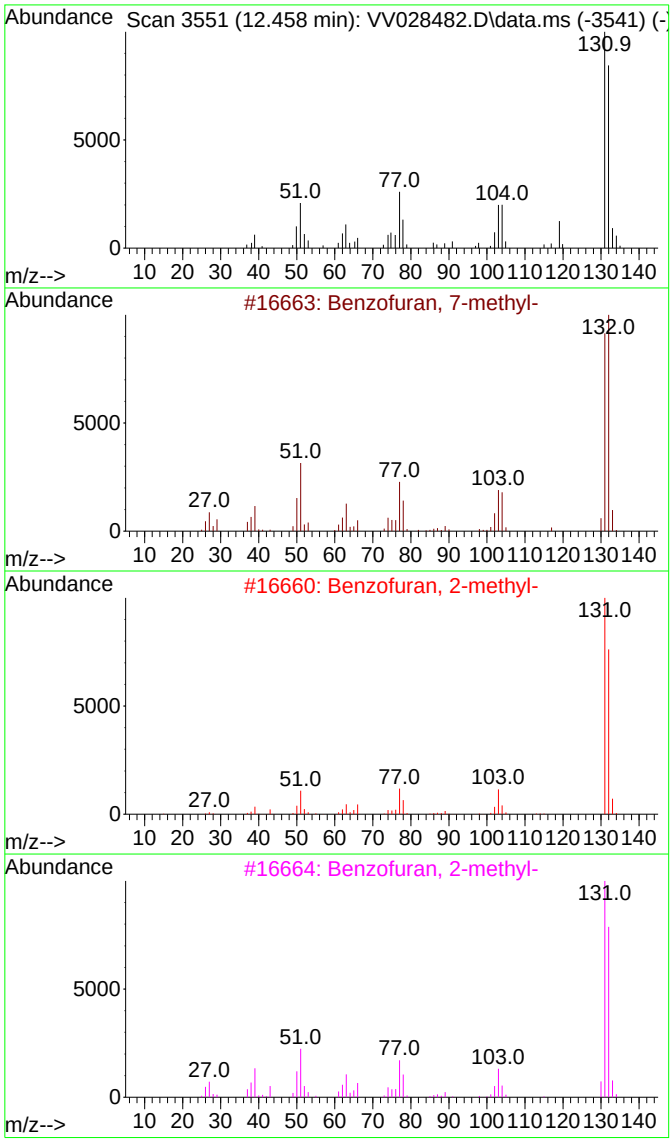
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

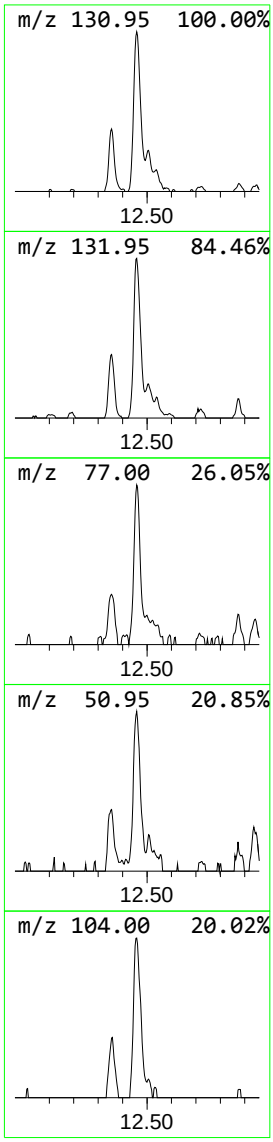
****

Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.458	4.30 ug/L	88868	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028482.D
Acq On : 09 Oct 2022 13:30
Operator : SY/MD
Sample : N4923-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

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

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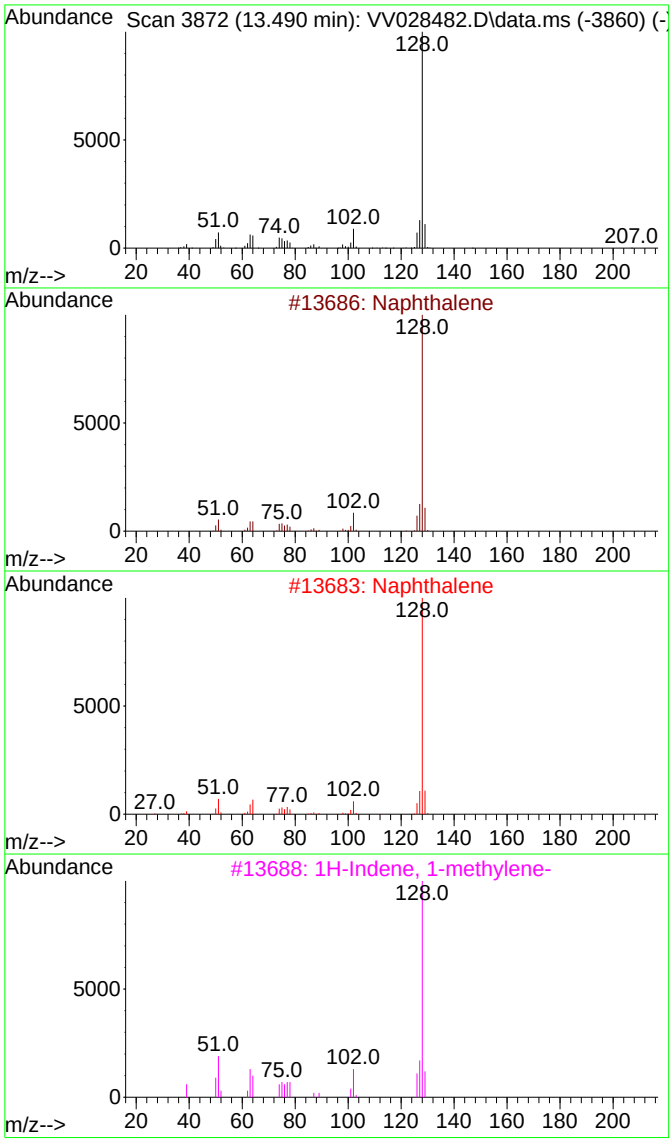
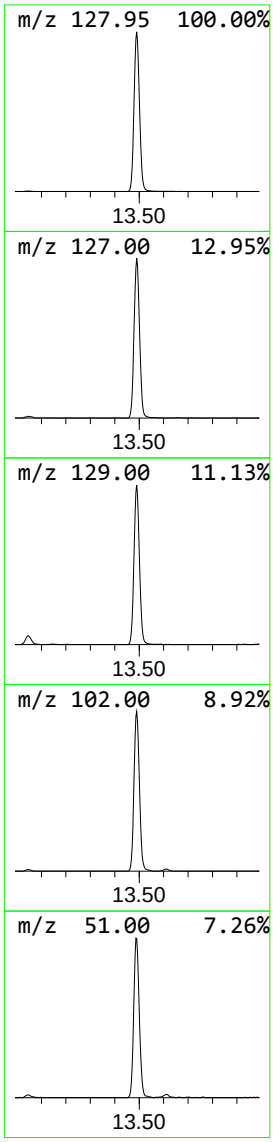
Peak Number 6 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.490	91.78 ug/L	1898520	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	93
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	93
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028482.D
Acq On : 09 Oct 2022 13:30
Operator : SY/MD
Sample : N4923-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

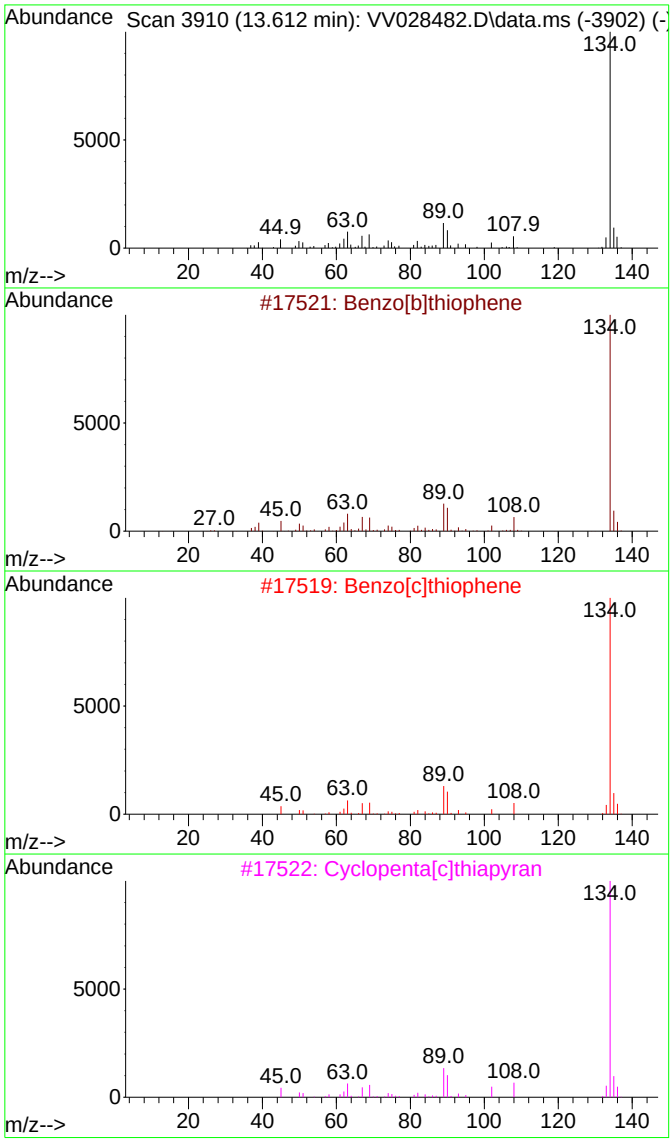
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

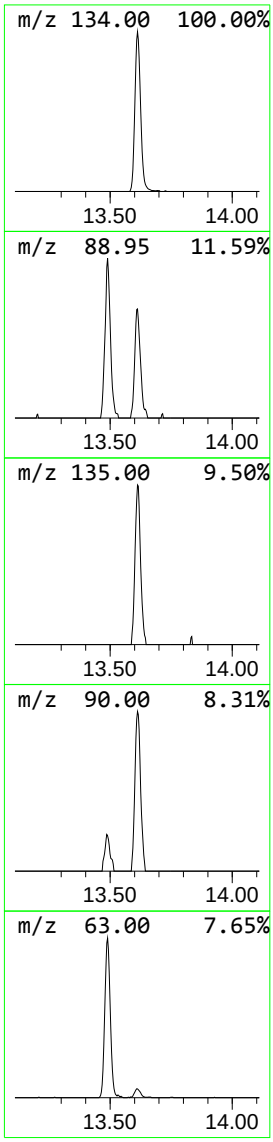
****

Peak Number 7 Benzo[b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.612	4.62 ug/L	95645	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	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	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028482.D
Acq On : 09 Oct 2022 13:30
Operator : SY/MD
Sample : N4923-01DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10007DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.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
Benzofuran	11.162	9.2	ug/L	190024	3	11.239	1034280	50.0
Indane	11.519	5.1	ug/L	105567	3	11.239	1034280	50.0
Indene	11.734	27.6	ug/L	570729	3	11.239	1034280	50.0
Benzofuran, 7-m...	12.458	4.3	ug/L	88868	3	11.239	1034280	50.0
Azulene	13.490	91.8	ug/L	1898520	3	11.239	1034280	50.0
Benzo[b]thiophene	13.612	4.6	ug/L	95645	3	11.239	1034280	50.0