LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034864.D
Acq On : 27 Mar 2024 14:53
Operator : SY/MD
Sample : P1851-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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\SFAMVLM032624WMA.M
Title : VOC Analysis

Signal : TIC: VV034864.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.282	68	75	90	rVB	169449	179364	13.87%	1.641%
2	1.532	146	153	170	rVB	164038	194358	15.03%	1.778%
3	2.060	308	317	332	rBV	288202	418626	32.36%	3.830%
4	2.503	452	455	456	rBV	537	317	0.02%	0.003%
5	2.558	470	472	473	rBV	499	166	0.01%	0.002%
6	2.658	499	503	504	rBV	297	184	0.01%	0.002%
7	2.693	512	514	517	rBV3	669	392	0.03%	0.004%
8	2.777	536	540	541	rBV3	347	232	0.02%	0.002%
9	2.857	561	565	571	rBV3	512	439	0.03%	0.004%
10	2.892	571	576	580	rBV4	538	587	0.05%	0.005%
11	2.928	584	587	589	rBV	371	245	0.02%	0.002%
12	2.976	600	602	606	rVB2	428	273	0.02%	0.002%
13	2.999	606	609	612	rBV2	299	216	0.02%	0.002%
14	3.021	612	616	620	rBV2	463	445	0.03%	0.004%
15	3.076	629	633	634	rBV2	388	190	0.01%	0.002%
16	3.146	652	655	659	rVB2	326	249	0.02%	0.002%
17	3.294	699	701	704	rVB2	335	176	0.01%	0.002%
18	3.462	749	753	755	rVV2	255	159	0.01%	0.001%
19	3.474	755	757	761	rVB2	400	297	0.02%	0.003%
20	3.519	767	771	774	rBV	255	167	0.01%	0.002%
21	3.564	783	785	788	rVB2	277	162	0.01%	0.001%
22	3.590	788	793	800	rBV3	345	393	0.03%	0.004%
23	3.667	810	817	821	rBV4	689	970	0.07%	0.009%
24	3.786	845	854	897	rBV	102348	307236	23.75%	2.811%
25	4.249	983	998	1032	rBV	207500	532835	41.19%	4.875%
26	4.661	1124	1126	1130	rBV3	403	189	0.01%	0.002%
27	4.783	1162	1164	1167	rVB	475	167	0.01%	0.002%
28	4.796	1167	1168	1171	rVB	432	150	0.01%	0.001%
29	4.822	1175	1176	1180	rVB2	628	369	0.03%	0.003%
30	4.851	1180	1185	1192	rBV4	532	859	0.07%	0.008%
31	4.957	1200	1218	1250	rBV2	484110	1293507	100.00%	11.835%
32	5.420	1361	1362	1365	rVB4	334	161	0.01%	0.001%
33	5.458	1370	1374	1377	rBV3	403	329	0.03%	0.003%
34	5.481	1377	1381	1383	rBV	425	278	0.02%	0.003%
35	5.532	1383	1397	1431	rBV	391697	819166	63.33%	7.495%
36	5.838	1482	1492	1504	rBV8	5290	11461	0.89%	0.105%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034864.D
Acq On : 27 Mar 2024 14:53
Operator : SY/MD
Sample : P1851-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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\SFAMVLM032624WMA.M
Title : VOC Analysis

37	5.918	1515	1517	1523	rVB4	712	628	0.05%	0.006%
38	5.989	1523	1539	1569	rBV	293426	620546	47.97%	5.678%
39	6.278	1625	1629	1630	rBV4	592	370	0.03%	0.003%
40	6.365	1653	1656	1657	rBV2	585	314	0.02%	0.003%
41	6.413	1669	1671	1672	rBV2	385	181	0.01%	0.002%
42	6.445	1679	1681	1683	rBV	388	228	0.02%	0.002%
43	6.484	1689	1693	1694	rBV	322	219	0.02%	0.002%
44	6.551	1708	1714	1715	rBV2	464	401	0.03%	0.004%
45	6.590	1722	1726	1727	rBV2	332	172	0.01%	0.002%
46	6.677	1747	1753	1757	rBV4	639	720	0.06%	0.007%
47	6.699	1757	1760	1767	rVB5	683	769	0.06%	0.007%
48	6.738	1770	1772	1775	rBV2	387	274	0.02%	0.003%
49	6.786	1783	1787	1789	rBV2	265	231	0.02%	0.002%
50	6.799	1789	1791	1794	rVB2	473	235	0.02%	0.002%
51	6.828	1799	1800	1807	rVB2	282	171	0.01%	0.002%
52	6.860	1807	1810	1813	rBV2	384	255	0.02%	0.002%
53	6.915	1815	1827	1856	rBV	147735	287231	22.21%	2.628%
54	7.143	1895	1898	1905	rBV4	872	907	0.07%	0.008%
55	7.178	1905	1909	1912	rBV2	617	580	0.04%	0.005%
56	7.243	1918	1929	1956	rBV	535135	946842	73.20%	8.663%
57	7.555	2016	2026	2054	rBV	103034	192680	14.90%	1.763%
58	7.867	2119	2123	2125	rBV2	450	331	0.03%	0.003%
59	7.879	2125	2127	2130	rVB2	792	377	0.03%	0.003%
60	7.899	2130	2133	2134	rBV3	437	218	0.02%	0.002%
61	7.982	2155	2159	2163	rBV3	777	556	0.04%	0.005%
62	8.024	2163	2172	2206	rBV	333698	664291	51.36%	6.078%
63	8.497	2314	2319	2322	rBV5	697	736	0.06%	0.007%
64	8.709	2381	2385	2388	rBV2	606	567	0.04%	0.005%
65	8.783	2397	2408	2441	rBV	621746	1053082	81.41%	9.636%
66	9.233	2546	2548	2550	rBV2	752	474	0.04%	0.004%
67	9.490	2620	2628	2638	rBV6	3037	4744	0.37%	0.043%
68	9.741	2694	2706	2717	rBV6	4532	9495	0.73%	0.087%
69	9.870	2740	2746	2747	rBV4	2482	2160	0.17%	0.020%
70	9.963	2772	2775	2777	rBV2	332	202	0.02%	0.002%
71	10.063	2797	2806	2814	rBV8	3160	5182	0.40%	0.047%
72	10.153	2822	2834	2855	rBV	463834	742871	57.43%	6.797%
73	10.391	2902	2908	2916	rVB7	4208	5931	0.46%	0.054%
74	10.500	2932	2942	2954	rBV4	18428	32627	2.52%	0.299%
75	10.587	2967	2969	2974	rBV	303	232	0.02%	0.002%
76	10.619	2974	2979	2983	rBV3	925	1042	0.08%	0.010%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034864.D
Acq On : 27 Mar 2024 14:53
Operator : SY/MD
Sample : P1851-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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\SFAMVLM032624WMA.M
Title : VOC Analysis

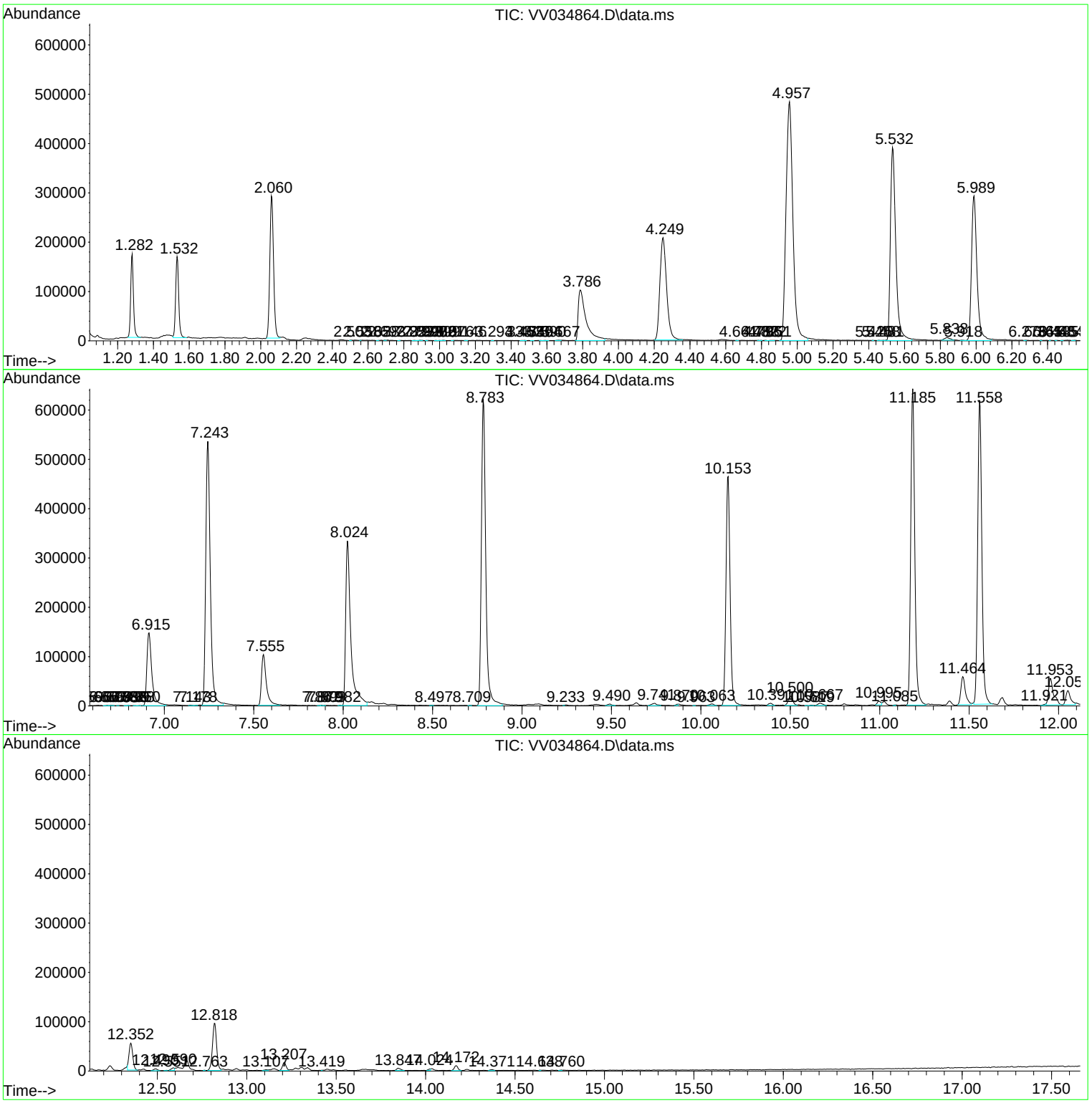
77	10.667	2985	2994	3005	rBV8	4662	9015	0.70%	0.082%
78	10.995	3090	3096	3101	rBV	7355	10414	0.81%	0.095%
79	11.085	3120	3124	3125	rBV3	1158	843	0.07%	0.008%
80	11.185	3144	3155	3178	rBV	641374	1008513	77.97%	9.228%
81	11.464	3233	3242	3257	rBV2	57006	100750	7.79%	0.922%
82	11.558	3261	3271	3294	rVB	616310	996851	77.07%	9.121%
83	11.921	3377	3384	3385	rBV4	2239	1960	0.15%	0.018%
84	11.953	3387	3394	3414	rVB2	53652	102735	7.94%	0.940%
85	12.053	3416	3425	3438	rBV2	28487	51766	4.00%	0.474%
86	12.352	3512	3518	3530	rVB2	54811	79442	6.14%	0.727%
87	12.490	3553	3561	3569	rVB5	3753	5675	0.44%	0.052%
88	12.551	3575	3580	3582	rBV3	781	602	0.05%	0.006%
89	12.590	3584	3592	3594	rBV7	5052	6488	0.50%	0.059%
90	12.763	3643	3646	3648	rBV	854	403	0.03%	0.004%
91	12.818	3651	3663	3675	rBV2	95614	155224	12.00%	1.420%
92	13.107	3746	3753	3757	rBV7	1814	2543	0.20%	0.023%
93	13.207	3776	3784	3793	rBV2	15907	23662	1.83%	0.217%
94	13.419	3848	3850	3851	rBV	664	292	0.02%	0.003%
95	13.847	3978	3983	3994	rVB3	4696	7050	0.55%	0.065%
96	14.024	4032	4038	4039	rBV5	3077	2629	0.20%	0.024%
97	14.172	4075	4084	4093	rBV	9774	14174	1.10%	0.130%
98	14.371	4139	4146	4151	rBV8	1960	2601	0.20%	0.024%
99	14.638	4227	4229	4231	rBV2	769	423	0.03%	0.004%
100	14.760	4261	4267	4268	rBV5	921	724	0.06%	0.007%

Sum of corrected areas: 10929165

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034864.D
Acq On : 27 Mar 2024 14:53
Operator : SY/MD
Sample : P1851-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034864.D
Acq On : 27 Mar 2024 14:53
Operator : SY/MD
Sample : P1851-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

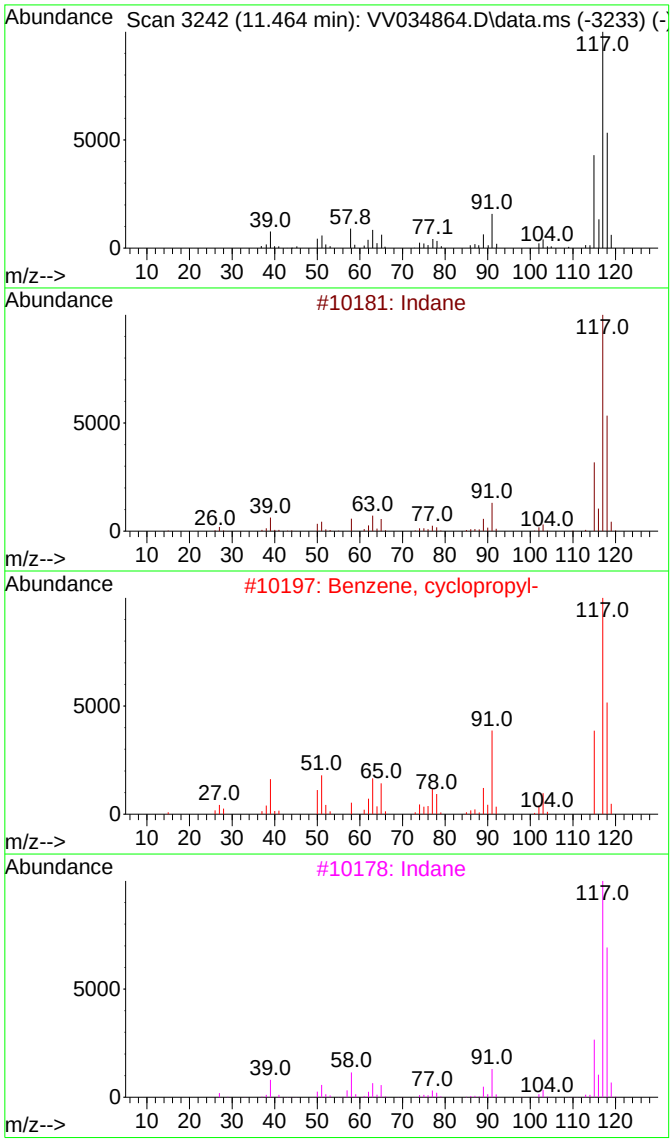
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

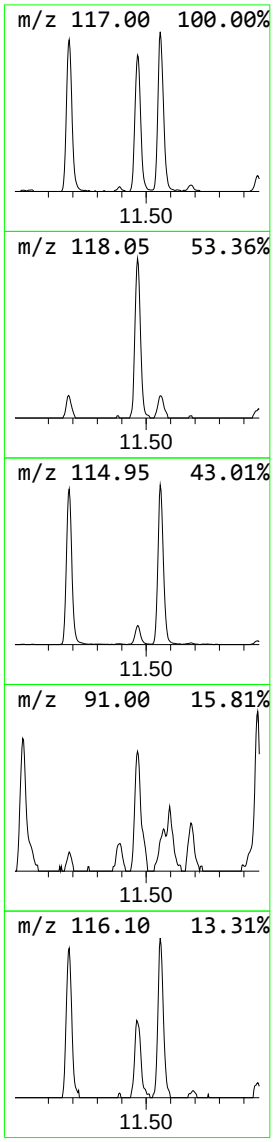
****

Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.464	4.99 ug/L	100750	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
3	Indane	118	C9H10	000496-11-7	93
4	Indane	118	C9H10	000496-11-7	90
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034864.D
Acq On : 27 Mar 2024 14:53
Operator : SY/MD
Sample : P1851-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

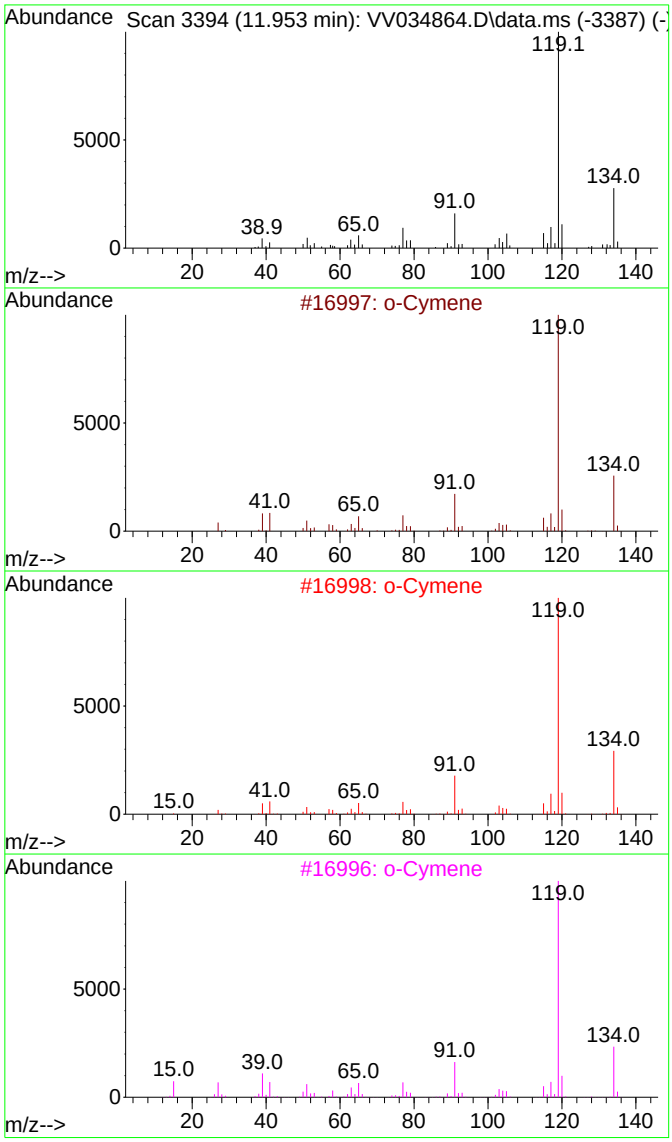
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

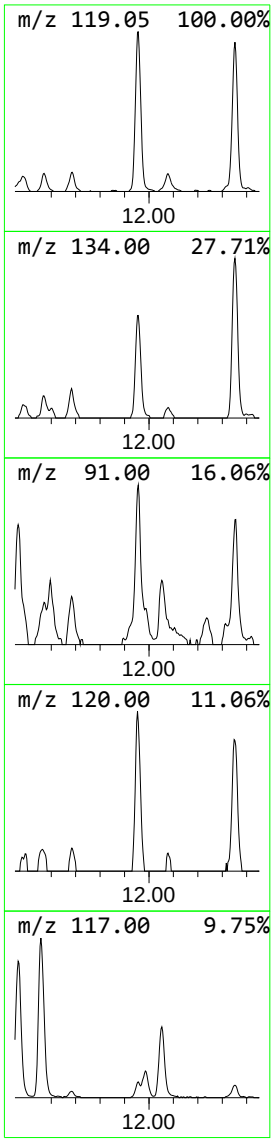
****

Peak Number 3 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.953	5.09 ug/L	102735	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	p-Cymene	134	C10H14	000099-87-6	97
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034864.D
Acq On : 27 Mar 2024 14:53
Operator : SY/MD
Sample : P1851-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

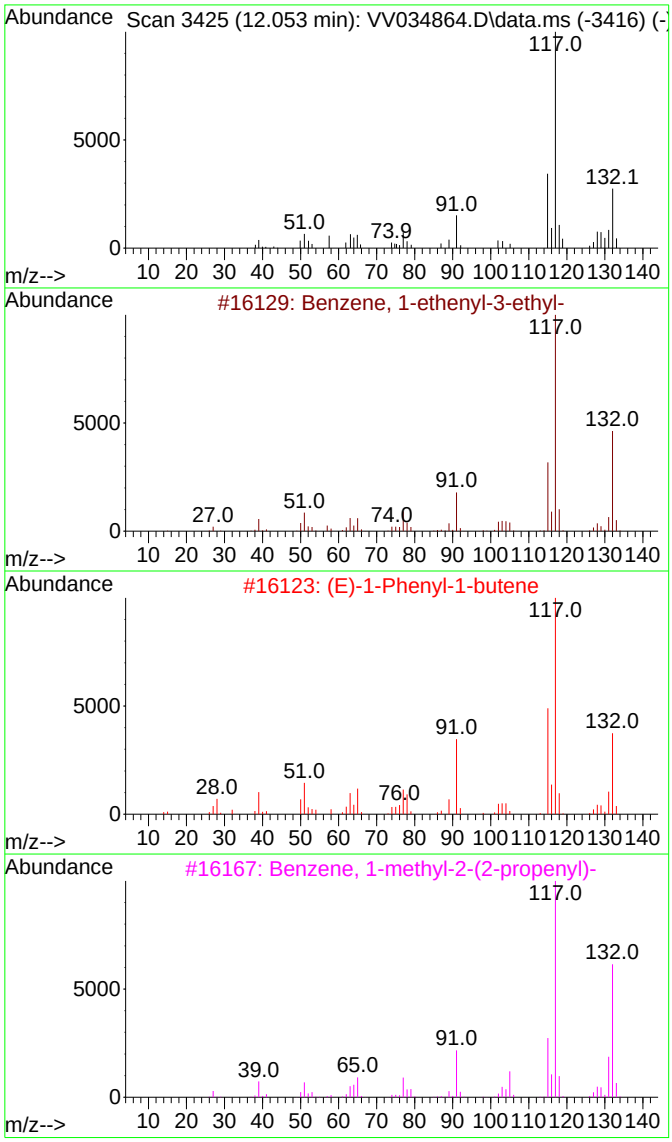
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

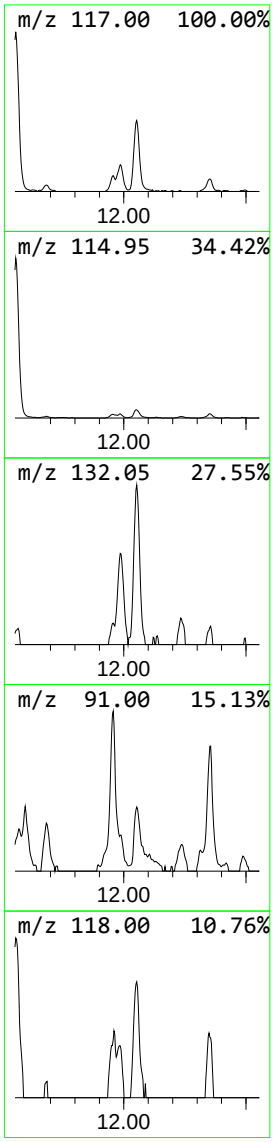
****

Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.053	2.57 ug/L	51766	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034864.D
Acq On : 27 Mar 2024 14:53
Operator : SY/MD
Sample : P1851-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

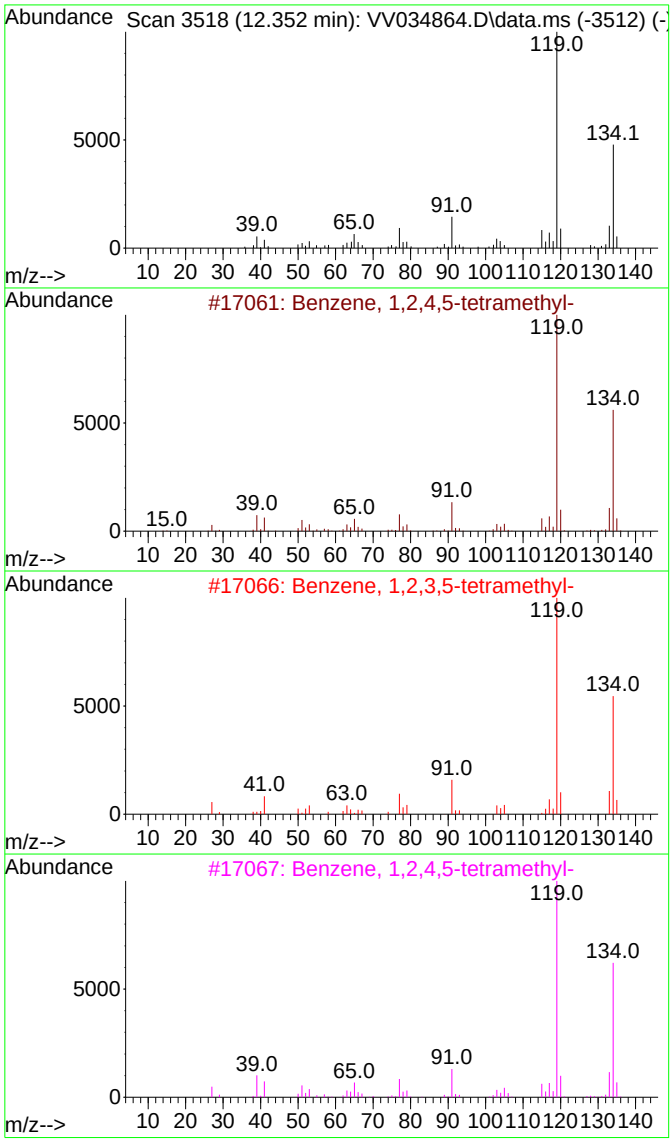
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

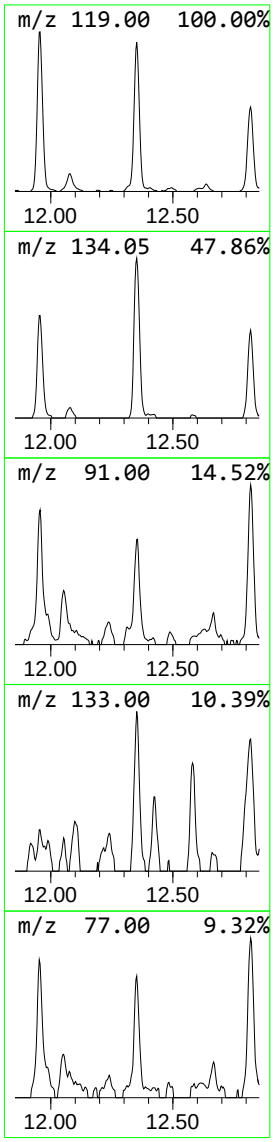
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.352	3.94 ug/L	79442	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034864.D
Acq On : 27 Mar 2024 14:53
Operator : SY/MD
Sample : P1851-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

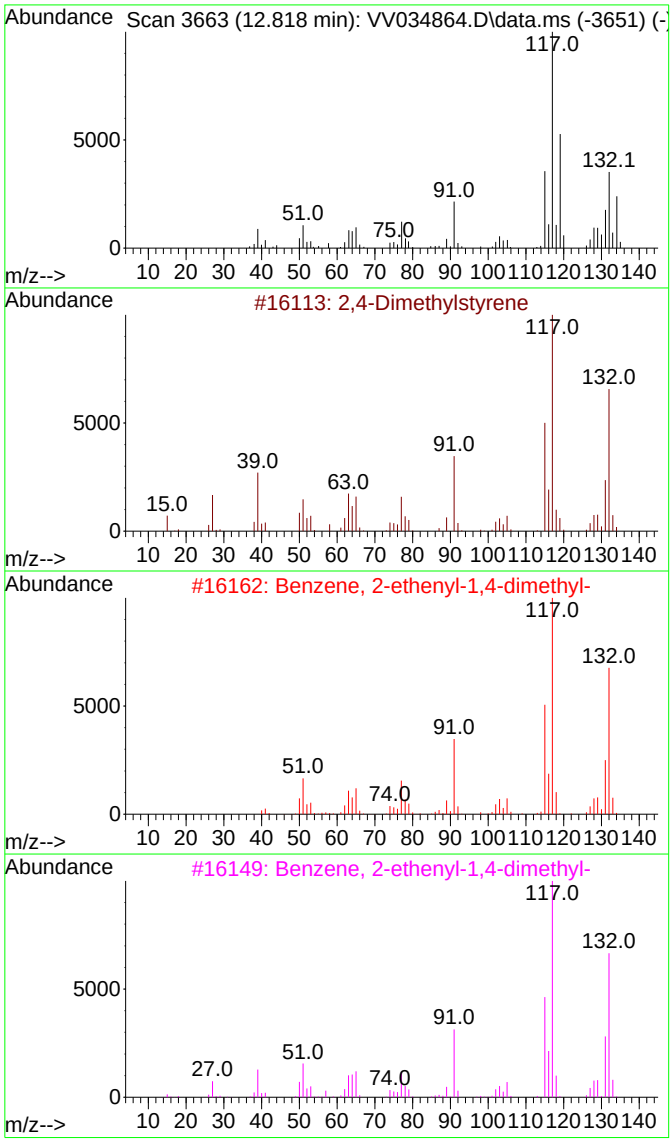
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

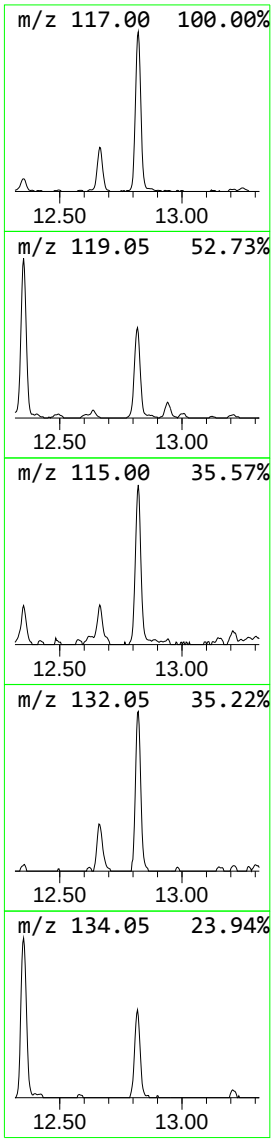
****

Peak Number 6 2,4-Dimethylstyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.818	7.70 ug/L	155224	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034864.D
Acq On : 27 Mar 2024 14:53
Operator : SY/MD
Sample : P1851-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.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	11.464	5.0	ug/L	100750	3	11.185	1008510	50.0
o-Cymene	11.953	5.1	ug/L	102735	3	11.185	1008510	50.0
Benzene, 1-ethe...	12.053	2.6	ug/L	51766	3	11.185	1008510	50.0
Benzene, 1,2,4,...	12.352	3.9	ug/L	79442	3	11.185	1008510	50.0
2,4-Dimethylsty...	12.818	7.7	ug/L	155224	3	11.185	1008510	50.0