LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
Data File : VV036247.D
Acq On : 24 Jun 2024 15:38
Operator : SY/MD
Sample : P2897-19
Misc : 5.04g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T67

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\SFAMVLM053024SMA.M
Title : VOC Analysis

Signal : TIC: VV036247.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.053	308	315	333	rVB	82753	131617	35.07%	5.059%
2	2.442	427	436	455	rVB	58471	97218	25.90%	3.737%
3	2.712	518	520	524	rBV2	248	165	0.04%	0.006%
4	2.728	524	525	528	rVV	218	133	0.04%	0.005%
5	2.754	532	533	535	rBV	211	87	0.02%	0.003%
6	2.796	544	546	549	rBV2	332	175	0.05%	0.007%
7	2.966	587	599	610	rBV3	9694	20060	5.35%	0.771%
8	3.066	627	630	634	rBV4	598	506	0.13%	0.019%
9	3.124	645	648	649	rBV	219	133	0.04%	0.005%
10	3.291	695	700	702	rBV4	538	393	0.10%	0.015%
11	3.310	704	706	711	rVV2	233	189	0.05%	0.007%
12	3.391	723	731	733	rBV2	362	403	0.11%	0.015%
13	3.516	768	770	774	rVB3	286	141	0.04%	0.005%
14	3.535	774	776	780	rVB	464	250	0.07%	0.010%
15	3.567	783	786	791	rVB3	524	354	0.09%	0.014%
16	3.603	791	797	799	rBV2	197	185	0.05%	0.007%
17	3.632	803	806	807	rBV	191	90	0.02%	0.003%
18	3.686	821	823	829	rVB3	244	199	0.05%	0.008%
19	3.773	848	850	857	rVB2	345	207	0.06%	0.008%
20	3.805	857	860	863	rBV3	506	377	0.10%	0.014%
21	3.841	863	871	888	rBV2	7933	26346	7.02%	1.013%
22	4.249	985	998	1023	rBV2	63991	169033	45.04%	6.497%
23	4.458	1062	1063	1066	rVB2	411	119	0.03%	0.005%
24	4.503	1072	1077	1079	rBV4	444	396	0.11%	0.015%
25	4.564	1094	1096	1100	rVB	429	202	0.05%	0.008%
26	4.628	1113	1116	1118	rBV	255	139	0.04%	0.005%
27	4.731	1144	1148	1150	rBV2	289	169	0.05%	0.006%
28	4.876	1191	1193	1196	rBV	208	142	0.04%	0.005%
29	4.956	1203	1218	1254	rBV3	140411	375296	100.00%	14.424%
30	5.346	1336	1339	1340	rBV	318	133	0.04%	0.005%
31	5.355	1340	1342	1346	rVB	293	165	0.04%	0.006%
32	5.384	1347	1351	1358	rVB4	415	417	0.11%	0.016%
33	5.416	1358	1361	1365	rVB2	320	217	0.06%	0.008%
34	5.452	1368	1372	1373	rVB3	327	182	0.05%	0.007%
35	5.464	1373	1376	1378	rBV2	130	81	0.02%	0.003%
36	5.538	1389	1399	1428	rBV	84542	189848	50.59%	7.297%

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T67

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\SFAMVLM053024SMA.M
Title : VOC Analysis

37	5.834	1482	1491	1515	rVB5	6551	16179	4.31%	0.622%
38	5.918	1515	1517	1519	rBV	217	132	0.04%	0.005%
39	5.934	1519	1522	1524	rBV	220	124	0.03%	0.005%
40	5.989	1527	1539	1560	rBV	87078	186113	49.59%	7.153%
41	6.246	1617	1619	1621	rVB2	362	194	0.05%	0.007%
42	6.278	1626	1629	1631	rBV2	377	213	0.06%	0.008%
43	6.307	1636	1638	1640	rBV2	322	125	0.03%	0.005%
44	6.381	1660	1661	1665	rVB	373	144	0.04%	0.006%
45	6.410	1668	1670	1672	rBV	307	168	0.04%	0.006%
46	6.461	1683	1686	1689	rVB2	290	131	0.03%	0.005%
47	6.532	1706	1708	1711	rVB	241	115	0.03%	0.004%
48	6.619	1733	1735	1738	rBV	324	153	0.04%	0.006%
49	6.731	1767	1770	1773	rVB2	225	136	0.04%	0.005%
50	6.786	1784	1787	1789	rBV2	276	156	0.04%	0.006%
51	6.841	1797	1804	1806	rBV3	261	284	0.08%	0.011%
52	6.918	1819	1828	1852	rBV2	33780	72936	19.43%	2.803%
53	7.107	1885	1887	1888	rBV	424	183	0.05%	0.007%
54	7.159	1902	1903	1910	rVB3	253	166	0.04%	0.006%
55	7.246	1919	1930	1951	rBV	130840	246307	65.63%	9.467%
56	7.561	2019	2028	2051	rBV2	22555	48015	12.79%	1.845%
57	7.792	2096	2100	2107	rBV3	539	599	0.16%	0.023%
58	7.876	2116	2126	2129	rBV4	2714	4086	1.09%	0.157%
59	8.040	2169	2177	2196	rBV2	22513	52223	13.92%	2.007%
60	8.333	2265	2268	2271	rBV3	516	386	0.10%	0.015%
61	8.570	2339	2342	2345	rBV4	304	261	0.07%	0.010%
62	8.641	2362	2364	2365	rBV2	357	172	0.05%	0.007%
63	8.693	2377	2380	2383	rBV2	264	208	0.06%	0.008%
64	8.751	2396	2398	2399	rBV2	383	146	0.04%	0.006%
65	8.786	2399	2409	2430	rBV	156468	270129	71.98%	10.382%
66	9.107	2507	2509	2513	rBV3	471	378	0.10%	0.015%
67	9.162	2524	2526	2529	rBV2	335	227	0.06%	0.009%
68	9.210	2539	2541	2546	rBV3	480	388	0.10%	0.015%
69	9.252	2552	2554	2556	rVB	400	164	0.04%	0.006%
70	9.336	2577	2580	2584	rBV3	422	384	0.10%	0.015%
71	9.368	2588	2590	2596	rVB2	572	520	0.14%	0.020%
72	9.397	2596	2599	2603	rBV	346	266	0.07%	0.010%
73	9.419	2603	2606	2609	rBV2	290	173	0.05%	0.007%
74	9.532	2637	2641	2643	rBV3	716	665	0.18%	0.026%
75	9.667	2681	2683	2687	rVB2	388	237	0.06%	0.009%
76	9.770	2713	2715	2718	rBV	364	200	0.05%	0.008%

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T67

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\SFAMVLM053024SMA.M
Title : VOC Analysis

77	9.808	2723	2727	2729	rBV2	423	321	0.09%	0.012%
78	9.889	2750	2752	2754	rBV	200	85	0.02%	0.003%
79	10.088	2812	2814	2816	rBV2	221	102	0.03%	0.004%
80	10.104	2817	2819	2821	rVV2	403	199	0.05%	0.008%
81	10.152	2823	2834	2857	rVV	100196	163744	43.63%	6.293%
82	10.323	2880	2887	2900	rVB4	3212	5134	1.37%	0.197%
83	10.503	2941	2943	2944	rBV2	347	155	0.04%	0.006%
84	10.570	2962	2964	2967	rBV2	205	124	0.03%	0.005%
85	10.712	2999	3008	3026	rBV3	11177	19893	5.30%	0.765%
86	10.812	3036	3039	3042	rBV4	488	325	0.09%	0.012%
87	10.834	3044	3046	3050	rBV2	574	454	0.12%	0.017%
88	10.882	3057	3061	3065	rBV2	383	399	0.11%	0.015%
89	10.943	3078	3080	3084	rBV2	328	231	0.06%	0.009%
90	10.995	3093	3096	3098	rBV2	418	295	0.08%	0.011%
91	11.046	3110	3112	3115	rVB2	416	206	0.05%	0.008%
92	11.062	3115	3117	3119	rBV	339	163	0.04%	0.006%
93	11.120	3130	3135	3136	rBV	468	374	0.10%	0.014%
94	11.130	3136	3138	3144	rVB4	447	362	0.10%	0.014%
95	11.185	3145	3155	3178	rBV	150116	245562	65.43%	9.438%
96	11.561	3262	3272	3288	rBV	143653	237725	63.34%	9.137%
97	12.004	3408	3410	3412	rBV2	346	191	0.05%	0.007%
98	12.194	3458	3469	3478	rBV2	3246	5529	1.47%	0.213%
99	12.239	3480	3483	3484	rBV	417	189	0.05%	0.007%
100	14.027	4036	4039	4041	rBV2	655	487	0.13%	0.019%

Sum of corrected areas: 2601802

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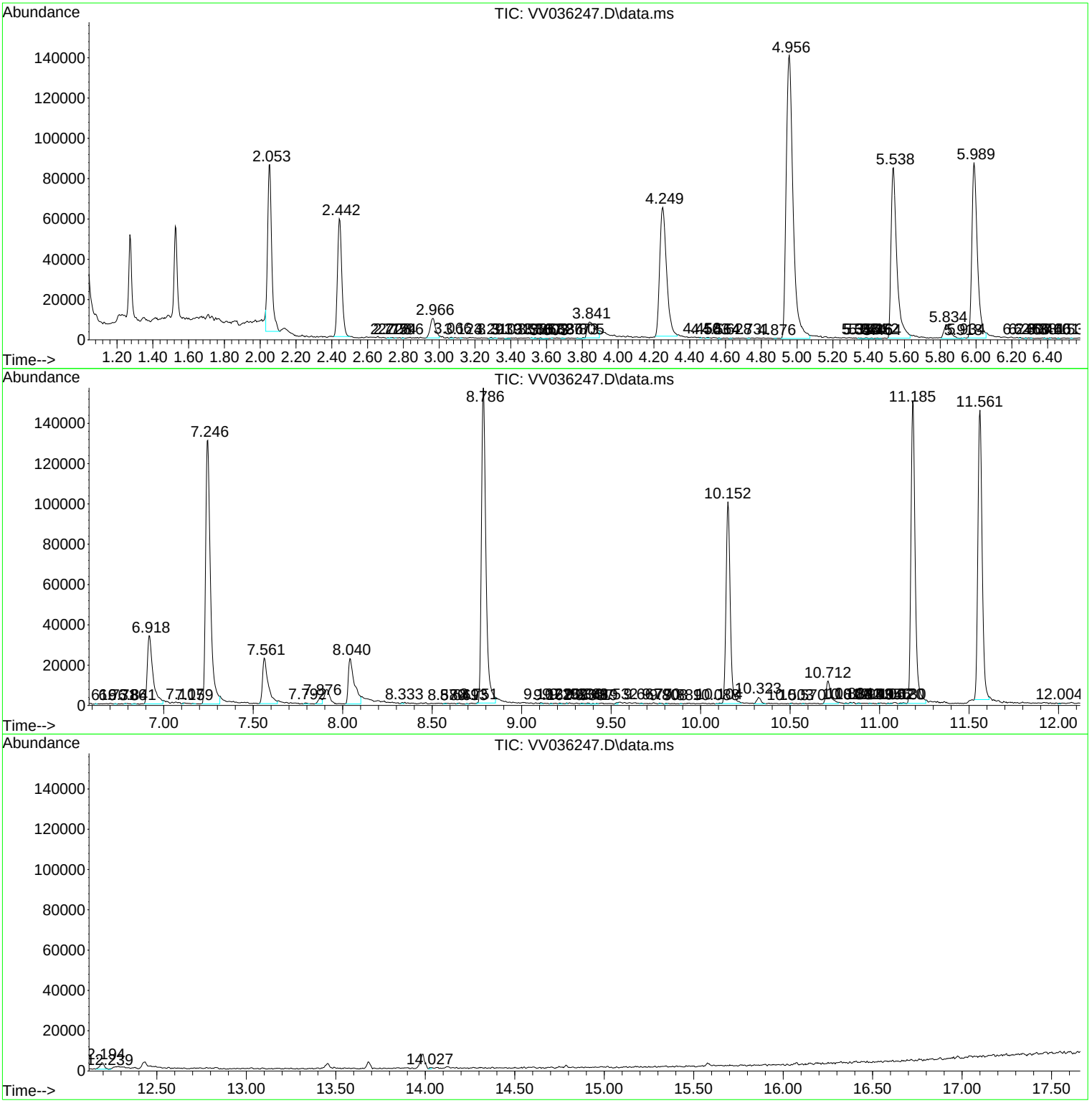
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T67

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
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ClientSampleId :
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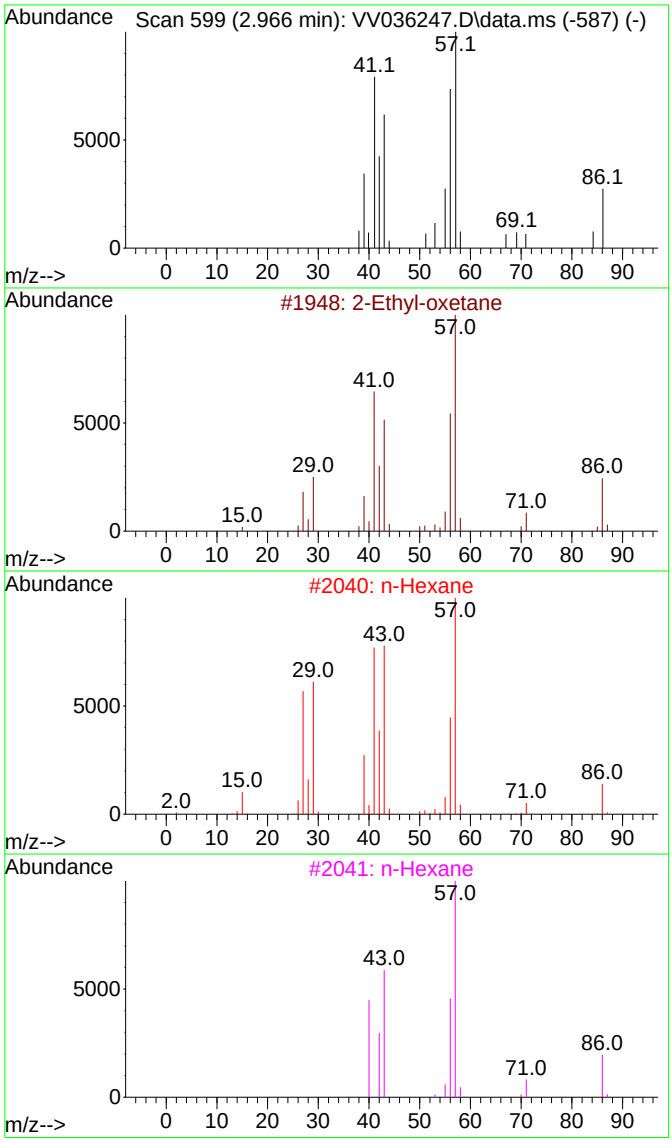
Quant Title : VOC Analysis

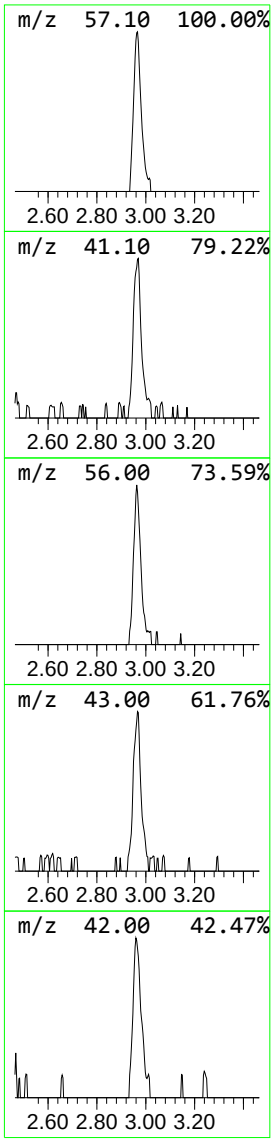
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Ethyl-oxetane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.966	2.64 ug/L	20060	1,4-Difluorobenzene	5.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	80
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	43
4	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	42
5	1-Butanol	74	C4H10O	000071-36-3	42





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T67

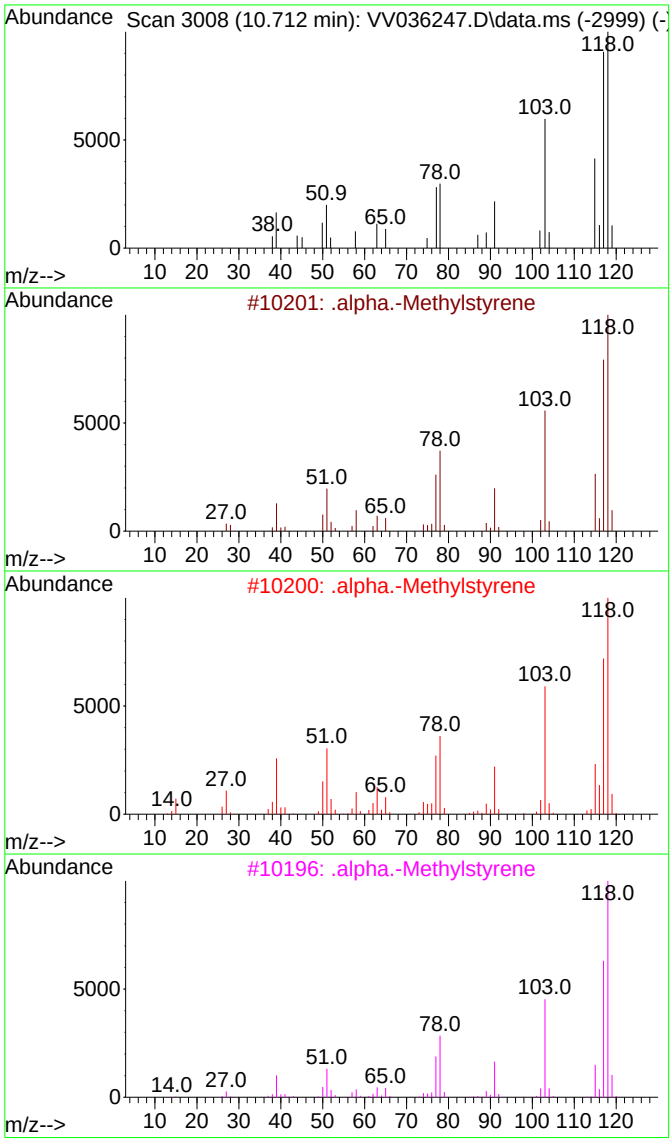
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

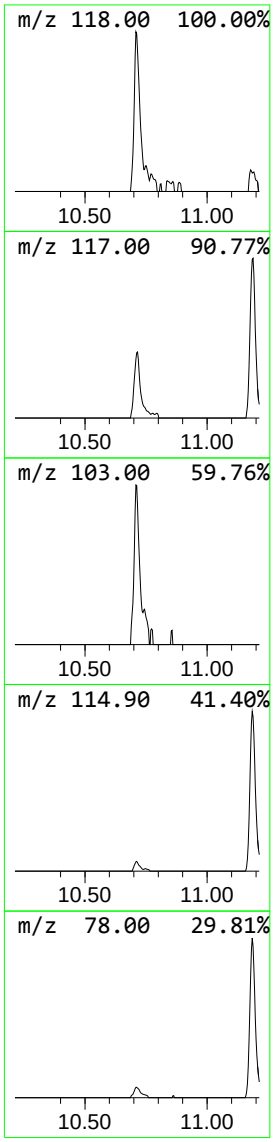
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 .alpha.-Methylstyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.712	2.03 ug/L	19893	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	94
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	87
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	87
4	.alpha.-Methylstyrene	118	C9H10	000098-83-9	87
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	64





Tentatively Identified Compound (LSC) summary

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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
2-Ethyl-oxetane	2.966	2.6	ug/L	20060	1	5.538	189848	25.0
.alpha.-Methyls...	10.712	2.0	ug/L	19893	3	11.185	245562	25.0