LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
Data File : VV036224.D
Acq On : 21 Jun 2024 22:59
Operator : SY/MD
Sample : P2987-14
Misc : 5.38g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA3

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: VV036224.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	68	73	86	rVB	56657	57004	11.20%	2.175%
2	2.053	306	315	331	rVB	76272	115339	22.66%	4.400%
3	2.240	365	373	384	rVB	29192	43248	8.50%	1.650%
4	2.371	411	414	415	rBV	439	225	0.04%	0.009%
5	2.449	427	438	450	rBV2	14283	23846	4.68%	0.910%
6	2.516	455	459	462	rBV2	406	326	0.06%	0.012%
7	2.677	505	509	515	rVB4	458	501	0.10%	0.019%
8	2.780	536	541	543	rBV2	273	253	0.05%	0.010%
9	2.908	578	581	583	rBV2	456	245	0.05%	0.009%
10	2.966	591	599	612	rBV6	2764	6213	1.22%	0.237%
11	3.101	639	641	644	rBV2	365	211	0.04%	0.008%
12	3.291	696	700	701	rBV2	389	228	0.04%	0.009%
13	3.365	718	723	726	rBV3	380	372	0.07%	0.014%
14	3.468	753	755	759	rVB2	276	156	0.03%	0.006%
15	3.494	759	763	766	rBV2	296	250	0.05%	0.010%
16	3.519	770	771	776	rVB3	352	199	0.04%	0.008%
17	3.596	788	795	799	rBV3	280	411	0.08%	0.016%
18	3.658	811	814	817	rBV2	295	267	0.05%	0.010%
19	3.786	852	854	856	rVB	285	136	0.03%	0.005%
20	3.812	858	862	863	rBV4	618	384	0.08%	0.015%
21	3.857	868	876	878	rBV5	2386	3423	0.67%	0.131%
22	4.252	986	999	1030	rVB2	46930	128699	25.28%	4.910%
23	4.461	1062	1064	1067	rBV2	316	205	0.04%	0.008%
24	4.519	1079	1082	1085	rBV2	250	203	0.04%	0.008%
25	4.577	1094	1100	1101	rBV3	959	903	0.18%	0.034%
26	4.731	1144	1148	1155	rVB3	368	344	0.07%	0.013%
27	4.764	1155	1158	1161	rBV	283	200	0.04%	0.008%
28	4.825	1168	1177	1186	rBV7	2159	4702	0.92%	0.179%
29	4.960	1205	1219	1253	rBV3	106945	286299	56.25%	10.922%
30	5.252	1309	1310	1313	rBV3	412	208	0.04%	0.008%
31	5.313	1327	1329	1333	rVB3	419	236	0.05%	0.009%
32	5.420	1352	1362	1370	rBV7	2668	4891	0.96%	0.187%
33	5.539	1387	1399	1429	rBV	94468	212162	41.68%	8.094%
34	5.931	1517	1521	1522	rBV2	516	331	0.07%	0.013%
35	5.992	1528	1540	1564	rBV	63330	141801	27.86%	5.410%
36	6.165	1592	1594	1598	rVB3	348	212	0.04%	0.008%

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

37	6.185	1598	1600	1601	rBV	516	251	0.05%	0.010%
38	6.236	1612	1616	1620	rBV3	364	337	0.07%	0.013%
39	6.355	1651	1653	1657	rBV2	334	246	0.05%	0.009%
40	6.374	1657	1659	1662	rVB2	461	209	0.04%	0.008%
41	6.407	1664	1669	1671	rBV3	327	276	0.05%	0.011%
42	6.429	1671	1676	1680	rBV	314	321	0.06%	0.012%
43	6.551	1712	1714	1717	rVB	279	142	0.03%	0.005%
44	6.593	1722	1727	1730	rBV3	296	309	0.06%	0.012%
45	6.616	1730	1734	1739	rVB2	305	274	0.05%	0.010%
46	6.657	1739	1747	1749	rBV3	396	379	0.07%	0.014%
47	6.670	1749	1751	1757	rVB2	287	196	0.04%	0.007%
48	6.696	1757	1759	1762	rVB2	414	145	0.03%	0.006%
49	6.709	1762	1763	1768	rBV	210	155	0.03%	0.006%
50	6.754	1774	1777	1779	rBV	311	213	0.04%	0.008%
51	6.924	1821	1830	1851	rBV2	20079	45176	8.88%	1.723%
52	7.246	1916	1930	1958	rBV	96480	188624	37.06%	7.196%
53	7.571	2022	2031	2044	rBV	10878	24165	4.75%	0.922%
54	7.677	2062	2064	2067	rVB3	646	272	0.05%	0.010%
55	7.751	2082	2087	2089	rVB2	421	425	0.08%	0.016%
56	7.767	2089	2092	2095	rVB2	315	160	0.03%	0.006%
57	7.905	2120	2135	2157	rBV	294166	509004	100.00%	19.418%
58	8.050	2173	2180	2205	rBV3	8871	24138	4.74%	0.921%
59	8.432	2295	2299	2300	rBV	341	231	0.05%	0.009%
60	8.484	2312	2315	2316	rBV	598	341	0.07%	0.013%
61	8.571	2340	2342	2344	rBV2	318	135	0.03%	0.005%
62	8.599	2348	2351	2355	rBV4	351	343	0.07%	0.013%
63	8.641	2361	2364	2366	rBV	282	191	0.04%	0.007%
64	8.728	2386	2391	2395	rBV3	432	450	0.09%	0.017%
65	8.786	2399	2409	2439	rBV	144614	256160	50.33%	9.772%
66	9.050	2489	2491	2493	rBV2	331	132	0.03%	0.005%
67	9.085	2493	2502	2520	rBV2	5771	12270	2.41%	0.468%
68	9.230	2544	2547	2553	rBV2	329	278	0.05%	0.011%
69	9.262	2553	2557	2560	rBV3	268	253	0.05%	0.010%
70	9.333	2576	2579	2581	rBV2	471	221	0.04%	0.008%
71	9.378	2590	2593	2598	rVB3	416	376	0.07%	0.014%
72	9.403	2598	2601	2604	rBV2	341	267	0.05%	0.010%
73	9.490	2621	2628	2632	rBV3	1275	1610	0.32%	0.061%
74	9.718	2696	2699	2701	rBV	205	151	0.03%	0.006%
75	9.863	2740	2744	2747	rBV2	216	218	0.04%	0.008%
76	10.152	2823	2834	2848	rBV	49250	82115	16.13%	3.133%

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ClientSampleId :
C0TA3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Title : VOC Analysis

77	10.255	2864	2866	2872	rVB2	412	360	0.07%	0.014%
78	10.326	2880	2888	2898	rVB4	1881	2838	0.56%	0.108%
79	10.394	2904	2909	2913	rBV4	1302	1463	0.29%	0.056%
80	10.480	2930	2936	2947	rVB5	1766	2730	0.54%	0.104%
81	10.561	2959	2961	2965	rBV3	383	196	0.04%	0.007%
82	10.677	2991	2997	3000	rBV3	807	979	0.19%	0.037%
83	10.712	3001	3008	3028	rVB2	7363	13291	2.61%	0.507%
84	10.857	3046	3053	3062	rBV3	5308	8335	1.64%	0.318%
85	10.911	3067	3070	3071	rBV	366	178	0.03%	0.007%
86	11.066	3114	3118	3123	rBV3	327	387	0.08%	0.015%
87	11.188	3146	3156	3178	rBV	109070	184551	36.26%	7.040%
88	11.442	3234	3235	3238	rBV	233	137	0.03%	0.005%
89	11.516	3253	3258	3259	rBV2	970	585	0.11%	0.022%
90	11.561	3262	3272	3292	rVV	77721	130075	25.55%	4.962%
91	11.950	3391	3393	3395	rBV2	357	168	0.03%	0.006%
92	12.069	3427	3430	3433	rBV3	221	131	0.03%	0.005%
93	12.197	3461	3470	3478	rVB3	3424	5202	1.02%	0.198%
94	12.422	3532	3540	3554	rBV7	5063	9904	1.95%	0.378%
95	12.760	3642	3645	3648	rBV2	330	318	0.06%	0.012%
96	13.168	3769	3772	3773	rBV	475	236	0.05%	0.009%
97	13.439	3847	3856	3869	rBV	42415	68946	13.55%	2.630%
98	13.683	3925	3932	3939	rVB3	3141	3922	0.77%	0.150%
99	13.712	3939	3941	3948	rBV3	504	465	0.09%	0.018%
100	13.744	3949	3951	3952	rBV	420	140	0.03%	0.005%

Sum of corrected areas: 2621329

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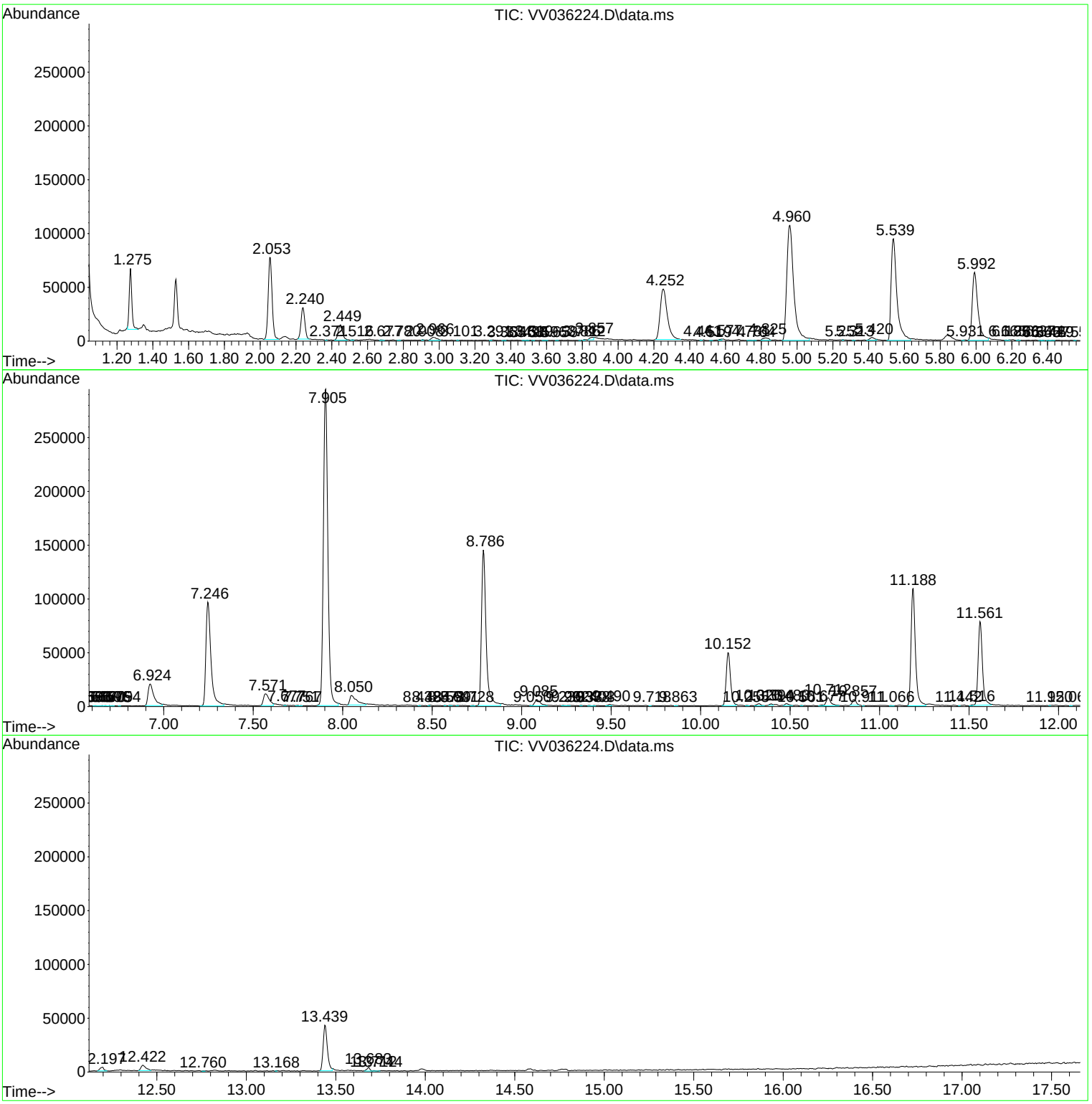
ClientSampleId :
C0TA3

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



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C0TA3

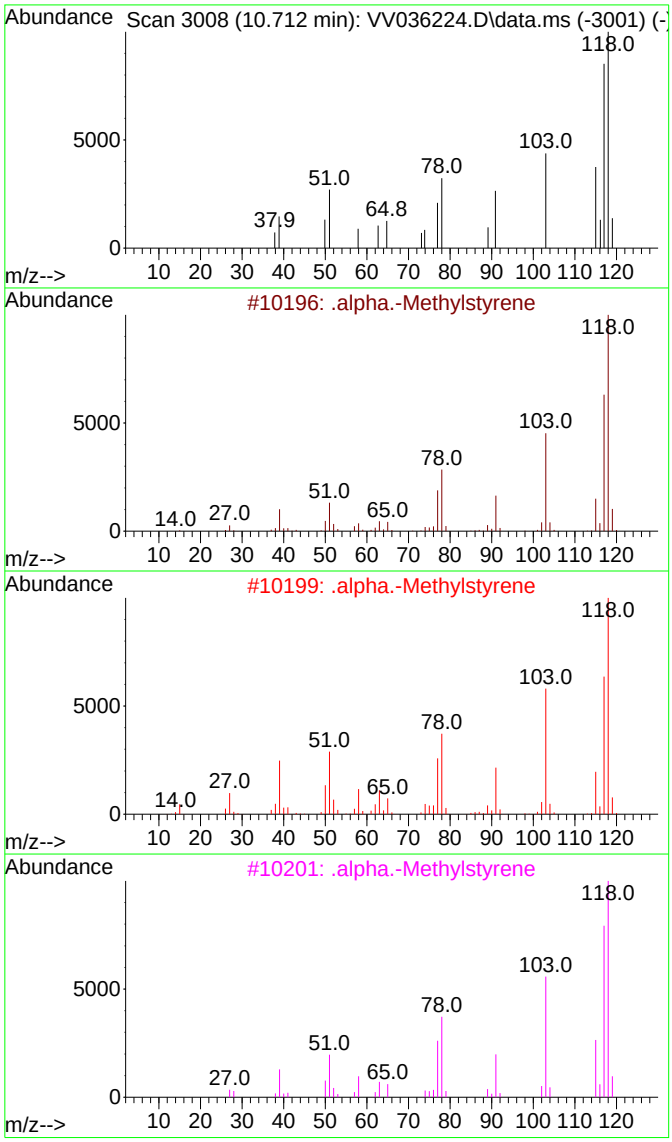
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

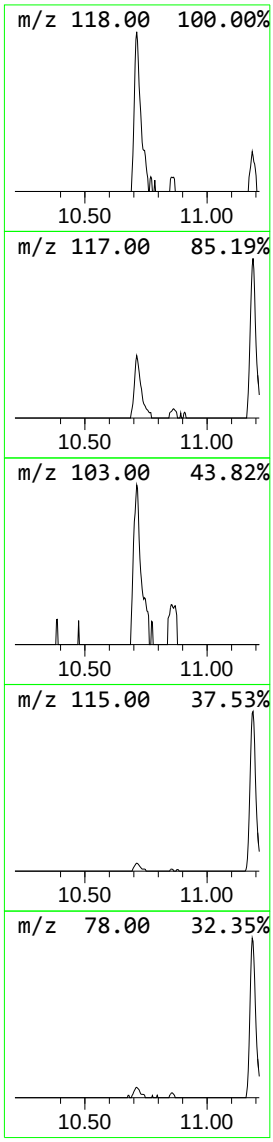
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 .alpha.-Methylstyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.712	1.80 ug/L	13291	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	86
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	83
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	83
4	.alpha.-Methylstyrene	118	C9H10	000098-83-9	81
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





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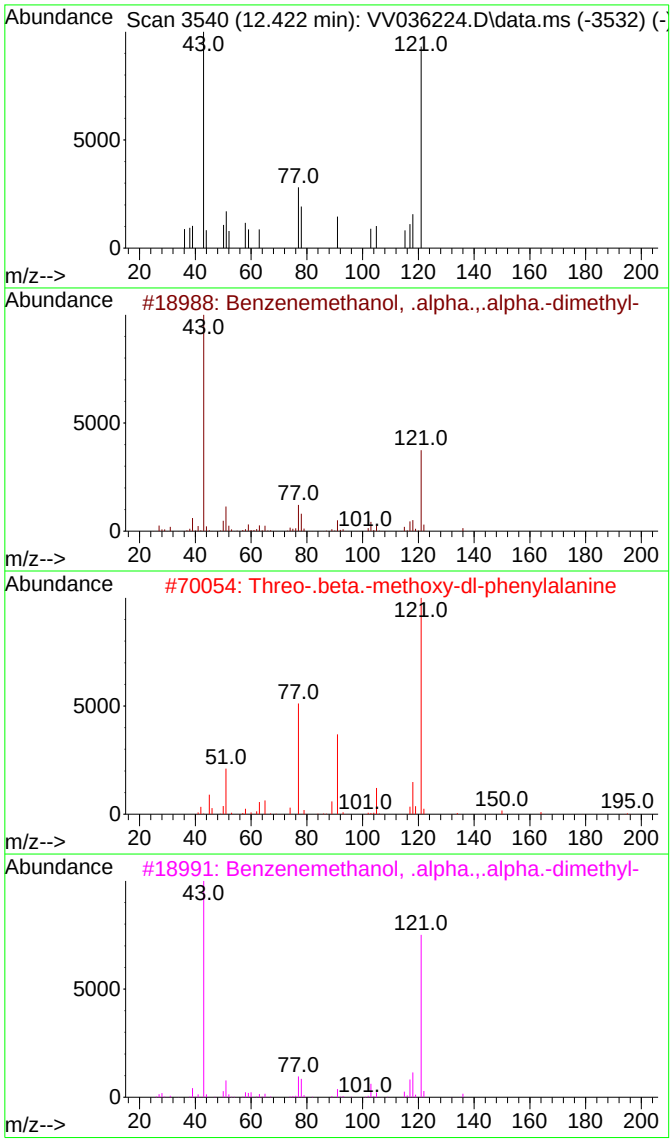
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

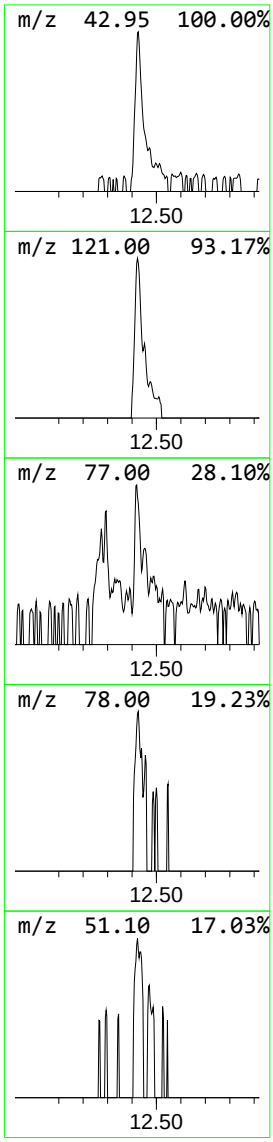
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzenemethanol, .alpha.,.a... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	1.34 ug/L	9904	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	56
2	Threo-.beta.-methoxy-dl-phenylal...	195	C10H13NO3	1000250-97-1	42
3	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	36
4	N-Methyl-o-toluidine	121	C8H11N	000611-21-2	9
5	4,4,4-Trifluorobutanol	128	C4H7F3O	000461-18-7	9





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
.alpha.-Methyls...	10.712	1.8	ug/L	13291	3	11.188	184551	25.0
Benzenemethanol...	12.422	1.3	ug/L	9904	3	11.188	184551	25.0