LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
Data File : VU052874.D
Acq On : 31 Jan 2023 12:59
Operator : JC/MD
Sample : 01316-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44G8

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\SFAMULM012623WMA.M
Title : VOC Analysis

Signal : TIC: VU052874.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.392	8	16	25	rVB	225614	239650	30.59%	2.971%
2	1.597	69	80	90	rBV	63809	89967	11.48%	1.115%
3	1.691	103	109	114	rBV2	2743	3776	0.48%	0.047%
4	1.729	115	121	132	rVB	21607	25946	3.31%	0.322%
5	1.794	134	141	150	rVB	11364	13338	1.70%	0.165%
6	1.884	163	169	171	rBV3	5031	5070	0.65%	0.063%
7	1.913	172	178	194	rVB	67011	92972	11.87%	1.153%
8	2.286	288	294	301	rVB4	838	1289	0.16%	0.016%
9	2.372	310	321	342	rBV	185334	275508	35.17%	3.416%
10	2.565	369	381	395	rBV	154078	250476	31.97%	3.106%
11	2.642	397	405	423	rVV2	19921	38054	4.86%	0.472%
12	2.794	449	452	457	rVB	387	331	0.04%	0.004%
13	3.048	524	531	536	rBV2	478	798	0.10%	0.010%
14	3.183	556	573	587	rBV	154618	404757	51.67%	5.019%
15	3.855	779	782	783	rBV	420	252	0.03%	0.003%
16	3.986	809	823	841	rBV4	10830	26723	3.41%	0.331%
17	4.128	863	867	869	rBV2	591	491	0.06%	0.006%
18	4.629	1003	1023	1071	rBV3	113684	466492	59.55%	5.784%
19	5.057	1140	1156	1179	rBV	145414	322451	41.16%	3.998%
20	5.379	1249	1256	1259	rBV5	2242	2874	0.37%	0.036%
21	5.723	1342	1363	1375	rBV2	277820	783405	100.00%	9.713%
22	6.244	1507	1525	1548	rBV	283448	533774	68.14%	6.618%
23	6.404	1572	1575	1581	rVB3	322	298	0.04%	0.004%
24	6.501	1597	1605	1607	rBV4	4062	4380	0.56%	0.054%
25	6.562	1617	1624	1633	rBV5	4617	7759	0.99%	0.096%
26	6.687	1650	1663	1679	rBV	186126	359130	45.84%	4.453%
27	6.867	1714	1719	1720	rBV2	530	402	0.05%	0.005%
28	7.031	1746	1770	1811	rBV3	84729	403091	51.45%	4.998%
29	7.388	1879	1881	1884	rBV2	393	306	0.04%	0.004%
30	7.446	1895	1899	1901	rBV	381	334	0.04%	0.004%
31	7.469	1901	1906	1907	rBV2	1127	951	0.12%	0.012%
32	7.562	1923	1935	1952	rBV	99898	174287	22.25%	2.161%
33	7.684	1968	1973	1974	rBV3	805	585	0.07%	0.007%
34	7.896	2024	2039	2054	rBV	346928	599501	76.53%	7.433%
35	8.176	2114	2126	2141	rBV	60703	101984	13.02%	1.264%
36	8.308	2159	2167	2176	rVV6	3076	5022	0.64%	0.062%

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Instrument :
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ClientSampleId :
A44G8

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\SFAMULM012623WMA.M
Title : VOC Analysis

37	8.485	2207	2222	2234	rBV5	7601	16621	2.12%	0.206%
38	8.636	2256	2269	2303	rBV2	179528	353682	45.15%	4.385%
39	8.751	2303	2305	2307	rBV	497	280	0.04%	0.003%
40	8.896	2347	2350	2354	rBV2	304	303	0.04%	0.004%
41	8.925	2357	2359	2361	rVV2	486	274	0.03%	0.003%
42	8.941	2362	2364	2370	rVB4	901	653	0.08%	0.008%
43	9.124	2414	2421	2426	rBV	204	361	0.05%	0.004%
44	9.272	2456	2467	2479	rBV3	2172	3877	0.49%	0.048%
45	9.333	2479	2486	2496	rVV7	3365	6263	0.80%	0.078%
46	9.414	2498	2511	2540	rVB	350663	658091	84.00%	8.160%
47	9.597	2557	2568	2578	rVB	8697	14929	1.91%	0.185%
48	9.684	2585	2595	2608	rBB4	13187	23235	2.97%	0.288%
49	9.761	2608	2619	2628	rBV4	1959	3368	0.43%	0.042%
50	9.874	2649	2654	2659	rVB2	423	417	0.05%	0.005%
51	9.964	2677	2682	2684	rBV	309	300	0.04%	0.004%
52	10.050	2706	2709	2714	rBV3	655	509	0.06%	0.006%
53	10.102	2717	2725	2735	rBV4	867	1303	0.17%	0.016%
54	10.353	2799	2803	2806	rBV	508	424	0.05%	0.005%
55	10.481	2831	2843	2854	rBV	31713	48911	6.24%	0.606%
56	10.546	2859	2863	2869	rVB2	706	555	0.07%	0.007%
57	10.639	2886	2892	2898	rVB3	1367	1750	0.22%	0.022%
58	10.700	2902	2911	2912	rBV4	1787	1752	0.22%	0.022%
59	10.751	2916	2927	2944	rBV	251630	410565	52.41%	5.091%
60	10.861	2955	2961	2962	rBV3	664	598	0.08%	0.007%
61	10.893	2963	2971	2982	rVB5	7993	14669	1.87%	0.182%
62	11.028	3008	3013	3018	rBV2	379	472	0.06%	0.006%
63	11.057	3018	3022	3025	rBV2	270	257	0.03%	0.003%
64	11.092	3030	3033	3038	rVB3	1014	782	0.10%	0.010%
65	11.134	3043	3046	3049	rBV2	561	383	0.05%	0.005%
66	11.288	3088	3094	3095	rBV2	747	700	0.09%	0.009%
67	11.417	3129	3134	3137	rBV	592	622	0.08%	0.008%
68	11.552	3169	3176	3183	rBV3	2123	2948	0.38%	0.037%
69	11.639	3198	3203	3210	rVB8	2989	3638	0.46%	0.045%
70	11.693	3217	3220	3225	rVB	290	267	0.03%	0.003%
71	11.732	3228	3232	3235	rBV3	442	412	0.05%	0.005%
72	11.809	3241	3256	3275	rBV	362098	617523	78.83%	7.657%
73	12.092	3327	3344	3354	rBV2	23627	39619	5.06%	0.491%
74	12.134	3354	3357	3361	rBV2	741	671	0.09%	0.008%
75	12.189	3362	3374	3394	rVV	340681	564780	72.09%	7.003%
76	12.304	3405	3410	3414	rBV3	726	798	0.10%	0.010%

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ClientSampleId :
A44G8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Title : VOC Analysis

77	12.333	3414	3419	3427	rVB5	1852	2371	0.30%	0.029%
78	12.414	3439	3444	3446	rBV3	550	588	0.08%	0.007%
79	12.497	3468	3470	3474	rVB2	382	251	0.03%	0.003%
80	12.571	3486	3493	3498	rVV3	3580	4964	0.63%	0.062%
81	12.767	3549	3554	3562	rVB3	933	1048	0.13%	0.013%
82	12.867	3576	3585	3588	rBV4	1135	1525	0.19%	0.019%
83	12.925	3596	3603	3608	rBV3	730	870	0.11%	0.011%
84	12.973	3608	3618	3626	rBV6	2278	4111	0.52%	0.051%
85	13.105	3654	3659	3662	rBV2	687	677	0.09%	0.008%
86	13.227	3692	3697	3705	rVB4	2046	2238	0.29%	0.028%
87	13.285	3713	3715	3720	rVB2	427	336	0.04%	0.004%
88	13.314	3721	3724	3725	rBV	399	251	0.03%	0.003%
89	13.449	3756	3766	3773	rBV5	2268	3564	0.45%	0.044%
90	13.549	3794	3797	3803	rBV3	364	321	0.04%	0.004%
91	13.677	3834	3837	3838	rBV2	512	305	0.04%	0.004%
92	13.729	3851	3853	3856	rBV2	443	271	0.03%	0.003%
93	13.780	3863	3869	3876	rBV3	450	619	0.08%	0.008%
94	13.845	3885	3889	3896	rVB3	744	657	0.08%	0.008%
95	13.906	3905	3908	3912	rBV2	373	364	0.05%	0.005%
96	14.295	4017	4029	4036	rBV7	2476	4106	0.52%	0.051%
97	14.478	4083	4086	4091	rBV2	544	427	0.05%	0.005%
98	14.626	4129	4132	4136	rBV2	430	348	0.04%	0.004%
99	14.687	4147	4151	4157	rVB3	808	813	0.10%	0.010%
100	15.015	4250	4253	4256	rBV2	373	281	0.04%	0.003%

Sum of corrected areas: 8065292

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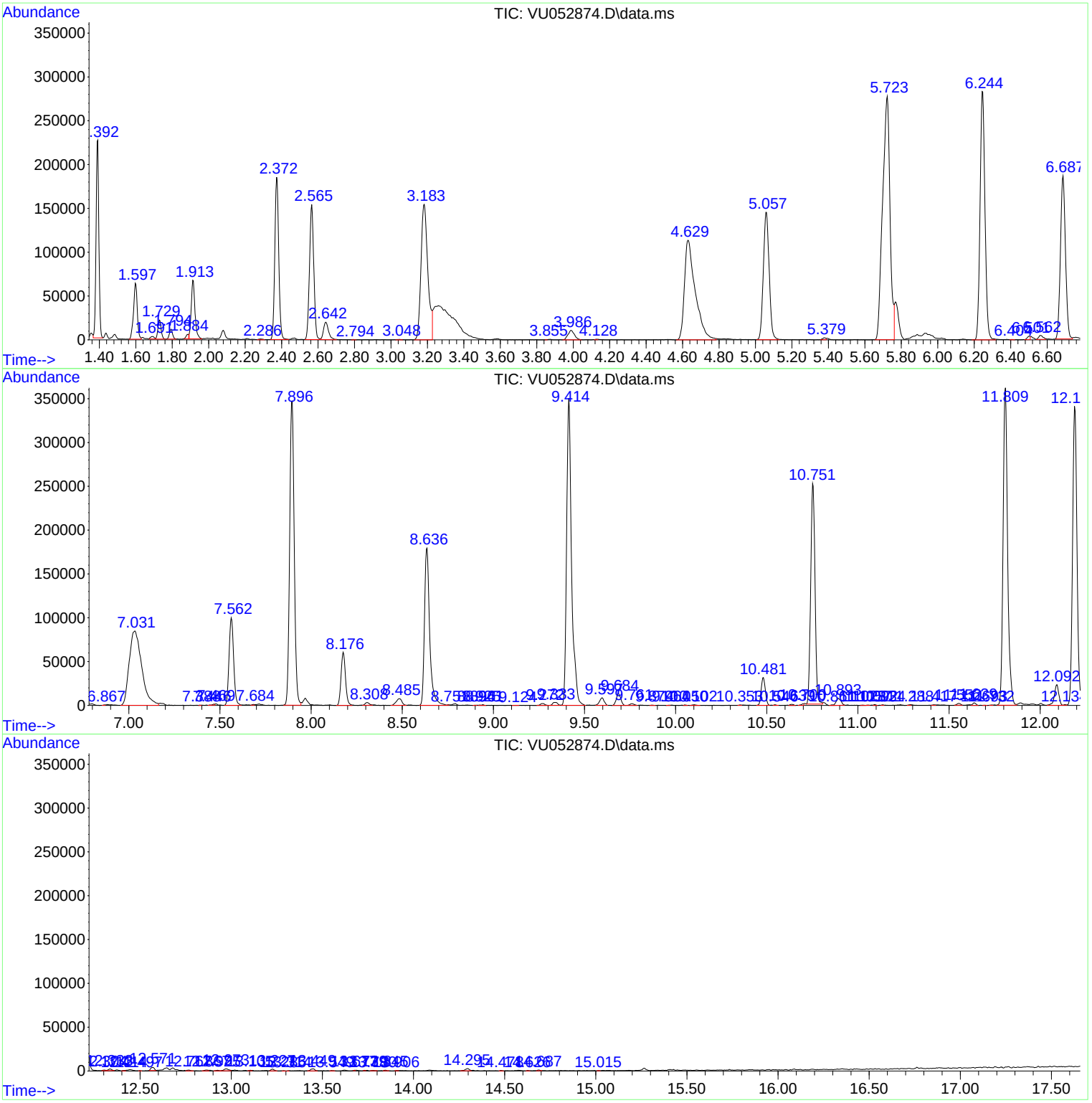
Instrument :
MSVOA_U
ClientSampleId :
A44G8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

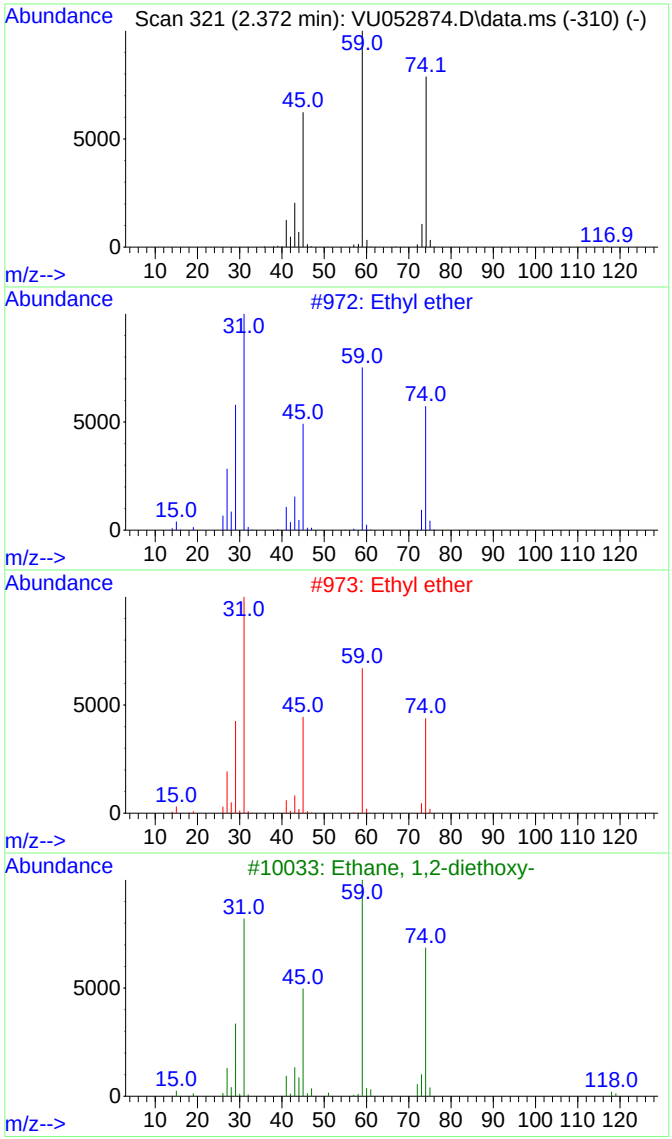
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

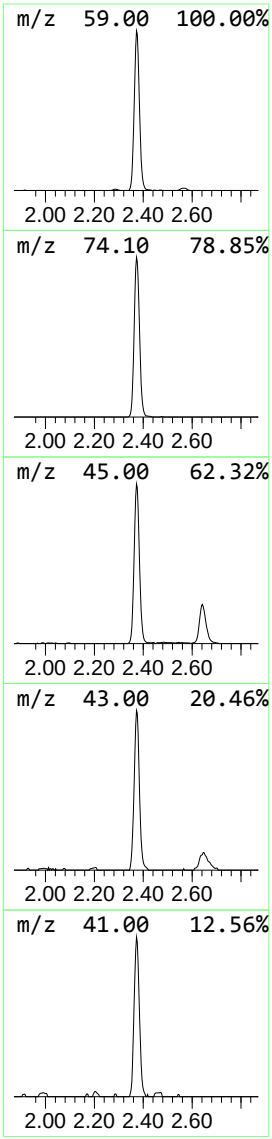
****

Peak Number 1 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.372	25.81 ug/L	275508	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	72
4	Ethyl ether	74	C4H10O	000060-29-7	72
5	Ethyl ether	74	C4H10O	000060-29-7	59





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44G8

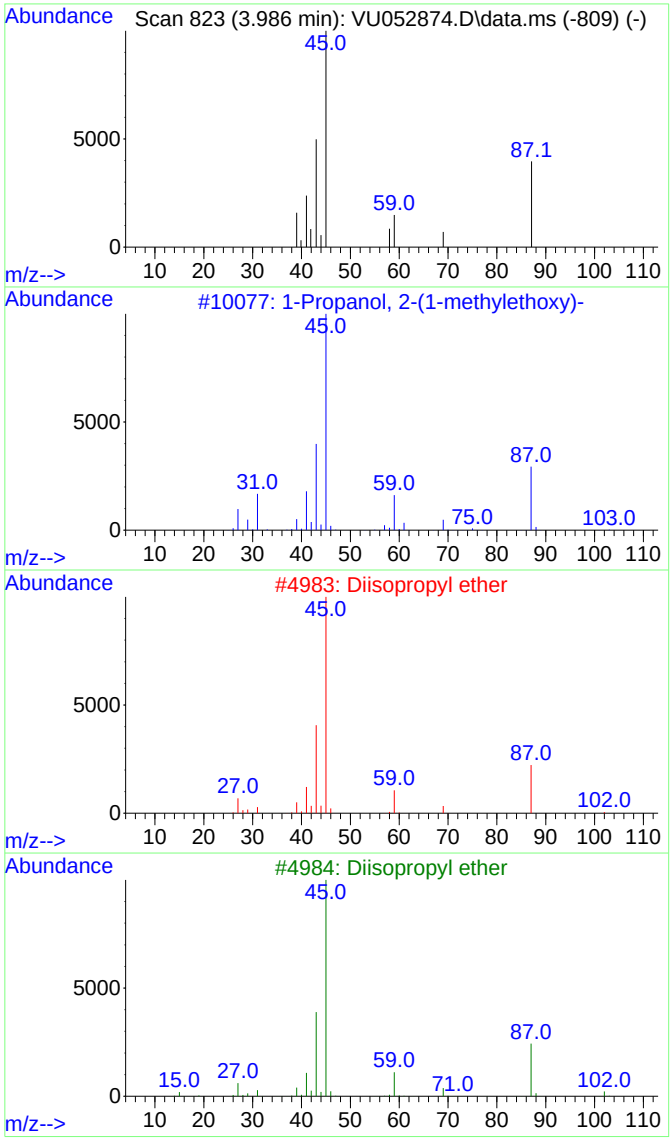
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis

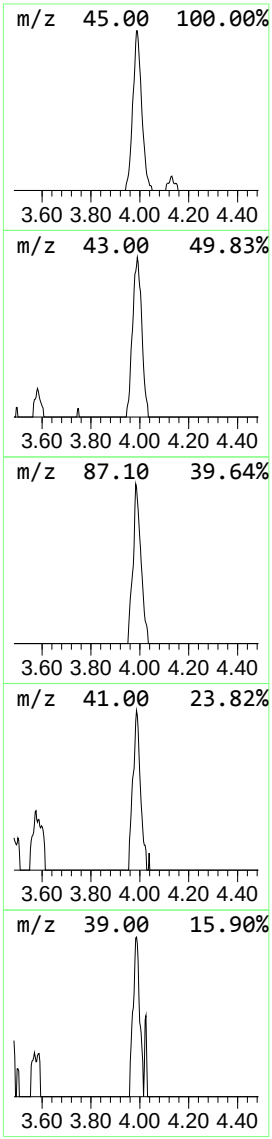
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Propanol, 2-(1-methyletho... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.986	2.50 ug/L	26723	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	64
2	Diisopropyl ether	102	C6H14O	000108-20-3	64
3	Diisopropyl ether	102	C6H14O	000108-20-3	9
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	9
5	Diisopropyl ether	102	C6H14O	000108-20-3	9





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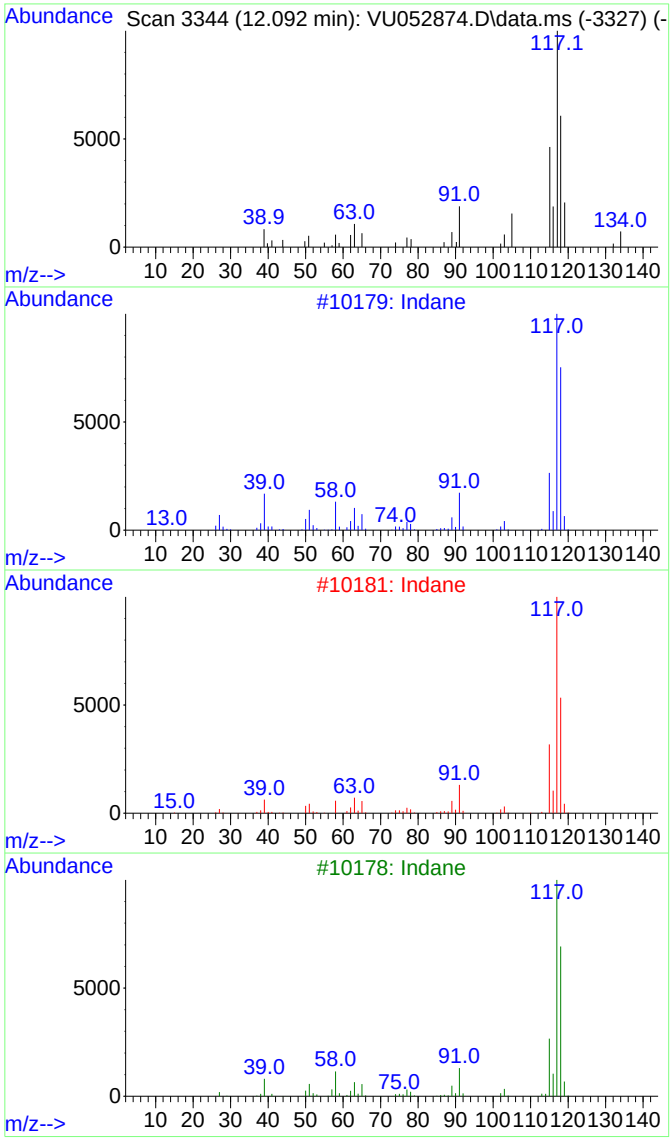
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis

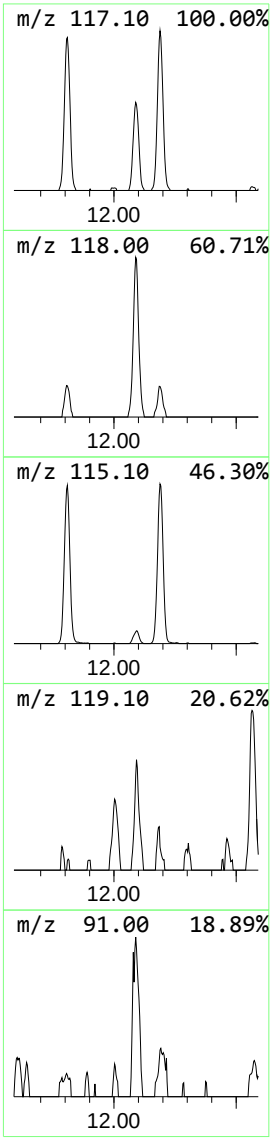
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	3.21 ug/L	39619	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	58
2	Indane	118	C9H10	000496-11-7	58
3	Indane	118	C9H10	000496-11-7	52
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	52
5	Indane	118	C9H10	000496-11-7	52





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.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
Ethyl ether	2.372	25.8	ug/L	275508	1	6.247	533774	50.0
1-Propanol, 2-(...	3.986	2.5	ug/L	26723	1	6.247	533774	50.0
Indane	12.092	3.2	ug/L	39619	3	11.809	617523	50.0