LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021859.D
Acq On : 18 Aug 2021 12:38
Operator : SY/MD
Sample : M3422-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK74

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\SFAMVLM081621WMA.M
Title : VOC Analysis

Signal : TIC: VV021859.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.208	43	52	74	rVB2	54446	84585	5.44%	0.466%
2	1.304	75	82	98	rBV2	343381	378912	24.38%	2.086%
3	1.542	151	156	172	rVB	168751	201452	12.96%	1.109%
4	2.098	320	329	341	rBV	335294	478142	30.77%	2.632%
5	2.166	342	350	372	rVB	261279	388227	24.98%	2.137%
6	2.500	443	454	476	rBV	196970	322815	20.77%	1.777%
7	2.754	521	533	559	rBV	295721	515932	33.20%	2.840%
8	2.999	606	609	612	rVB2	592	293	0.02%	0.002%
9	3.027	617	618	622	rBB2	316	204	0.01%	0.001%
10	3.069	627	631	635	rBV2	445	392	0.03%	0.002%
11	3.182	663	666	670	rBV4	505	331	0.02%	0.002%
12	3.272	691	694	698	rVB	385	224	0.01%	0.001%
13	3.394	728	732	734	rBV2	380	281	0.02%	0.002%
14	3.433	742	744	748	rVB	415	297	0.02%	0.002%
15	3.478	754	758	761	rBV	270	220	0.01%	0.001%
16	3.590	791	793	796	rVB2	421	239	0.02%	0.001%
17	3.873	871	881	921	rBV2	130724	349810	22.51%	1.926%
18	4.253	996	999	1002	rBV2	667	575	0.04%	0.003%
19	4.346	1013	1028	1053	rBV	242054	597159	38.43%	3.287%
20	4.606	1094	1109	1129	rVB	105074	263498	16.96%	1.450%
21	4.716	1141	1143	1150	rVB4	819	595	0.04%	0.003%
22	4.934	1208	1211	1213	rBV	633	348	0.02%	0.002%
23	4.976	1220	1224	1227	rBV	479	288	0.02%	0.002%
24	5.043	1228	1245	1269	rBV2	616433	1554047	100.00%	8.555%
25	5.368	1343	1346	1350	rVB3	522	325	0.02%	0.002%
26	5.490	1382	1384	1389	rVB4	798	426	0.03%	0.002%
27	5.616	1411	1423	1457	rBV	442151	886974	57.08%	4.883%
28	5.908	1504	1514	1529	rVV4	13706	29446	1.89%	0.162%
29	6.069	1548	1564	1589	rVV	335536	696627	44.83%	3.835%
30	6.365	1653	1656	1658	rVB3	384	214	0.01%	0.001%
31	6.423	1672	1674	1677	rVB2	632	281	0.02%	0.002%
32	6.461	1683	1686	1692	rVB2	520	506	0.03%	0.003%
33	6.494	1692	1696	1699	rBV2	523	442	0.03%	0.002%
34	6.529	1705	1707	1709	rVB2	633	204	0.01%	0.001%
35	6.561	1715	1717	1721	rBV	312	217	0.01%	0.001%
36	6.638	1730	1741	1760	rBV2	27535	61823	3.98%	0.340%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK74

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\SFAMVLM081621WMA.M
Title : VOC Analysis

37	6.850	1805	1807	1811	rBV3	651	527	0.03%	0.003%
38	6.989	1836	1850	1858	rBV	197540	357675	23.02%	1.969%
39	7.159	1895	1903	1914	rBV2	25999	52588	3.38%	0.289%
40	7.230	1916	1925	1940	rVV	259091	448934	28.89%	2.471%
41	7.317	1941	1952	1965	rVV	759132	1313181	84.50%	7.229%
42	7.391	1966	1975	1995	rVB	339873	588086	37.84%	3.237%
43	7.622	2035	2047	2054	rBV	143465	248106	15.97%	1.366%
44	7.850	2115	2118	2121	rBV3	734	601	0.04%	0.003%
45	7.976	2143	2157	2177	rBV	515201	873683	56.22%	4.809%
46	8.088	2183	2192	2217	rBV	368539	649982	41.83%	3.578%
47	8.249	2231	2242	2264	rVB	169474	291739	18.77%	1.606%
48	8.474	2310	2312	2316	rBV2	722	351	0.02%	0.002%
49	8.551	2334	2336	2340	rVB2	586	366	0.02%	0.002%
50	8.587	2340	2347	2350	rBV3	795	770	0.05%	0.004%
51	8.725	2385	2390	2395	rVB4	831	578	0.04%	0.003%
52	8.757	2395	2400	2401	rBV2	692	609	0.04%	0.003%
53	8.854	2418	2430	2437	rBV	670382	1162861	74.83%	6.401%
54	9.014	2469	2480	2498	rBV	494334	767557	49.39%	4.225%
55	9.352	2580	2585	2589	rVB2	568	358	0.02%	0.002%
56	9.394	2595	2598	2601	rVB3	380	296	0.02%	0.002%
57	9.413	2601	2604	2607	rBV2	368	277	0.02%	0.002%
58	9.458	2616	2618	2623	rVB3	342	216	0.01%	0.001%
59	9.551	2642	2647	2649	rBV2	1059	1006	0.06%	0.006%
60	9.600	2661	2662	2670	rVB4	830	575	0.04%	0.003%
61	9.674	2678	2685	2686	rBV2	486	501	0.03%	0.003%
62	9.735	2702	2704	2706	rBV2	443	215	0.01%	0.001%
63	9.940	2760	2768	2770	rBV2	541	695	0.04%	0.004%
64	9.995	2782	2785	2788	rVB3	337	228	0.01%	0.001%
65	10.079	2806	2811	2813	rBV4	679	555	0.04%	0.003%
66	10.217	2842	2854	2876	rBV	494634	766520	49.32%	4.220%
67	10.355	2885	2897	2920	rBV	989168	1497238	96.34%	8.242%
68	10.516	2945	2947	2950	rVB2	624	296	0.02%	0.002%
69	10.661	2988	2992	2996	rBV4	932	647	0.04%	0.004%
70	10.719	3007	3010	3015	rBV4	473	528	0.03%	0.003%
71	10.747	3015	3019	3022	rVV3	719	537	0.03%	0.003%
72	10.792	3025	3033	3043	rVB2	5102	8885	0.57%	0.049%
73	10.834	3043	3046	3049	rBV2	640	381	0.02%	0.002%
74	10.921	3061	3073	3083	rVB5	4656	8287	0.53%	0.046%
75	11.027	3103	3106	3109	rBV4	888	733	0.05%	0.004%
76	11.085	3120	3124	3133	rBV4	1140	1801	0.12%	0.010%

LSC Area Percent Report

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Operator : SY/MD
Sample : M3422-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK74

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\SFAMVLM081621WMA.M
Title : VOC Analysis

77	11.149	3136	3144	3153	rBV7	2212	3293	0.21%	0.018%
78	11.188	3153	3156	3159	rBV3	711	525	0.03%	0.003%
79	11.249	3164	3175	3200	rBV	698294	1081889	69.62%	5.956%
80	11.429	3226	3231	3242	rVB8	3047	4876	0.31%	0.027%
81	11.625	3280	3292	3314	rBV	765581	1185576	76.29%	6.526%
82	11.789	3336	3343	3349	rVB6	1915	2693	0.17%	0.015%
83	11.841	3357	3359	3362	rBV3	665	504	0.03%	0.003%
84	12.030	3416	3418	3420	rBV3	427	204	0.01%	0.001%
85	12.181	3461	3465	3467	rVB3	317	220	0.01%	0.001%
86	12.336	3510	3513	3516	rBV2	396	279	0.02%	0.002%
87	12.593	3590	3593	3600	rVV5	865	1017	0.07%	0.006%
88	12.638	3604	3607	3609	rBV2	516	333	0.02%	0.002%
89	12.808	3656	3660	3664	rBV2	336	347	0.02%	0.002%
90	12.950	3702	3704	3708	rVB3	433	235	0.02%	0.001%
91	12.969	3708	3710	3712	rBV	505	278	0.02%	0.002%
92	12.985	3712	3715	3723	rVB3	1276	1238	0.08%	0.007%
93	13.053	3734	3736	3739	rBV2	306	201	0.01%	0.001%
94	13.271	3802	3804	3806	rBV2	497	271	0.02%	0.001%
95	13.442	3855	3857	3860	rBV2	409	248	0.02%	0.001%
96	13.474	3864	3867	3870	rVB3	506	344	0.02%	0.002%
97	13.513	3871	3879	3890	rBV3	7890	13140	0.85%	0.072%
98	13.606	3905	3908	3909	rBV3	506	273	0.02%	0.002%
99	13.632	3912	3916	3924	rVV5	1697	2458	0.16%	0.014%
100	13.972	4020	4022	4026	rBV2	491	338	0.02%	0.002%

Sum of corrected areas: 18166100

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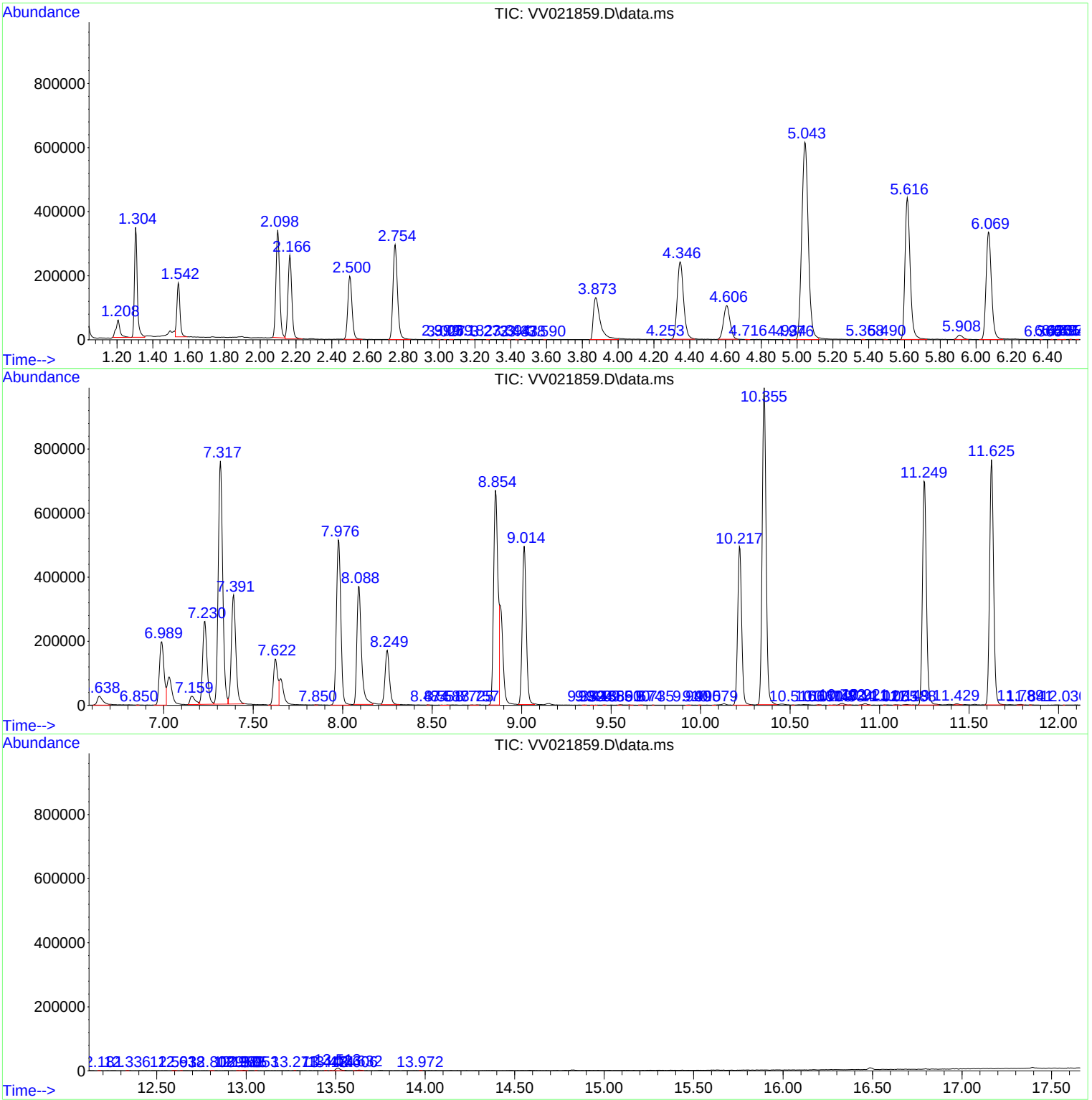
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK74

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
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Instrument : MSVOA_V
ClientSampleId : DBK74

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

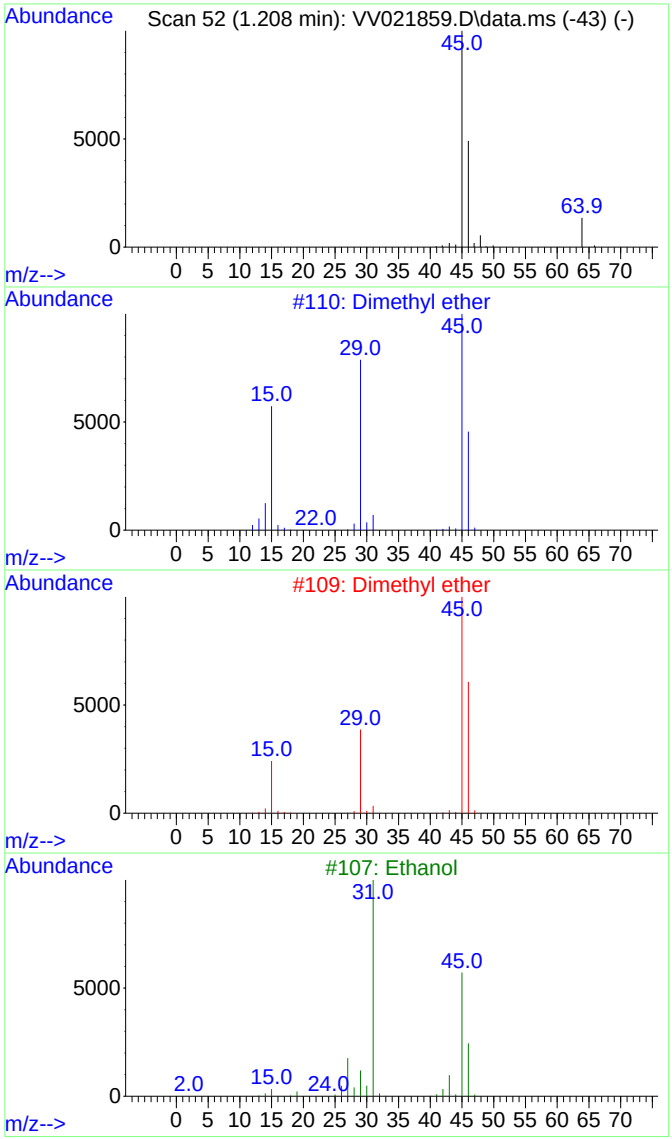
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

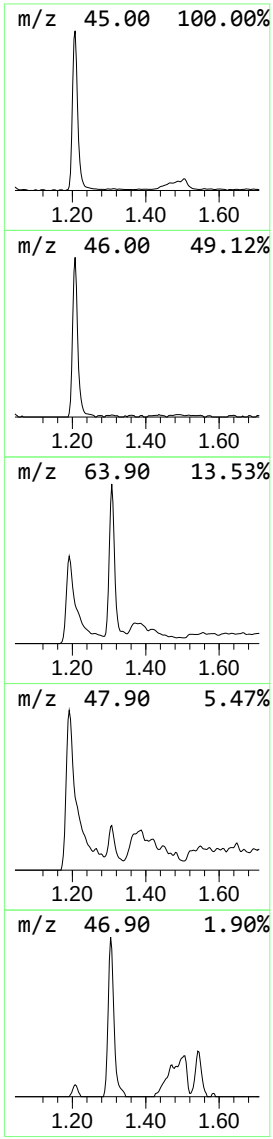
****

Peak Number 1 Dimethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.208	4.77 ug/L	84585	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	80
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Ethanol	46	C2H6O	000064-17-5	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Ethanol	46	C2H6O	000064-17-5	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
Data File : VV021859.D
Acq On : 18 Aug 2021 12:38
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Sample : M3422-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK74

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

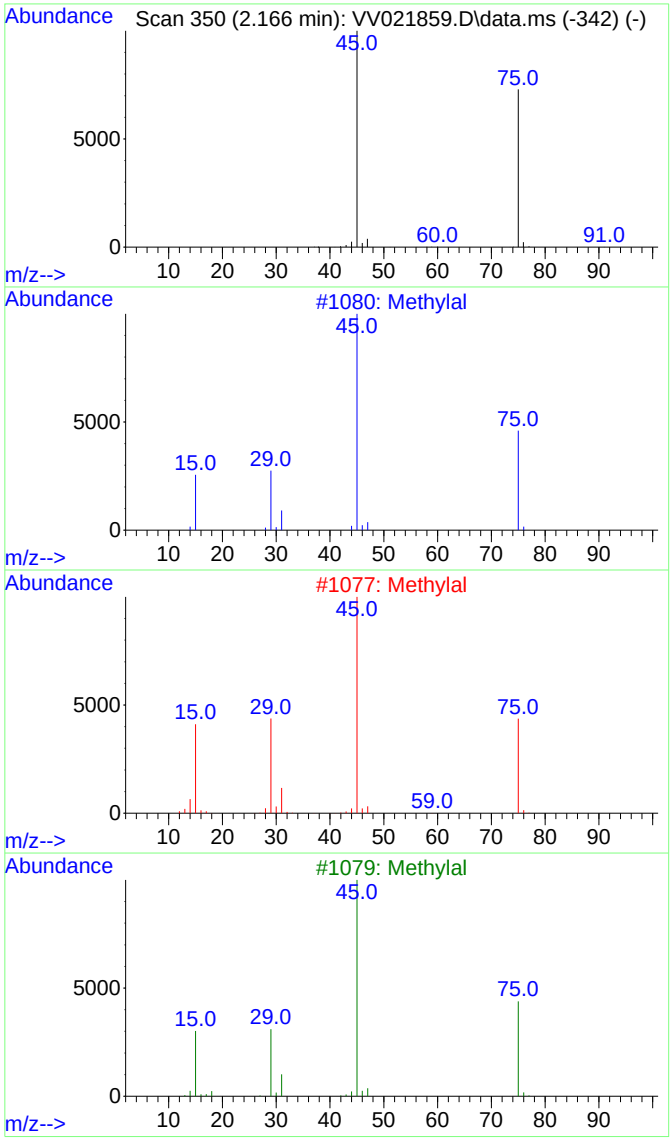
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

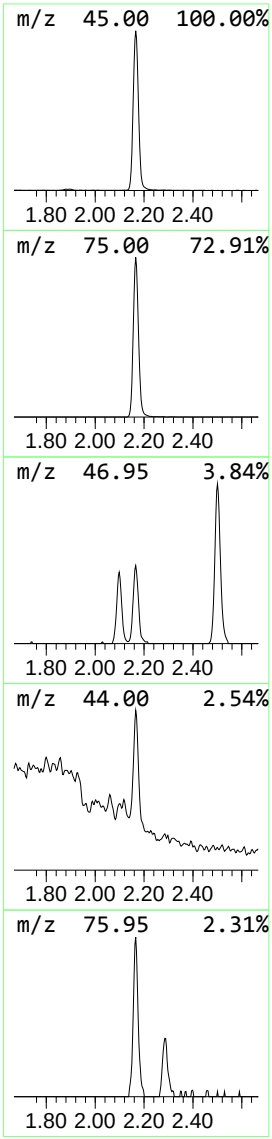
****

Peak Number 2 Methylal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.166	21.88 ug/L	388227	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylal	76	C3H8O2	000109-87-5	78
2	Methylal	76	C3H8O2	000109-87-5	78
3	Methylal	76	C3H8O2	000109-87-5	64
4	Methylal	76	C3H8O2	000109-87-5	59
5	Methanamine, N,N-dimethyl-, N-oxide	75	C3H9NO	001184-78-7	9





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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK74

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

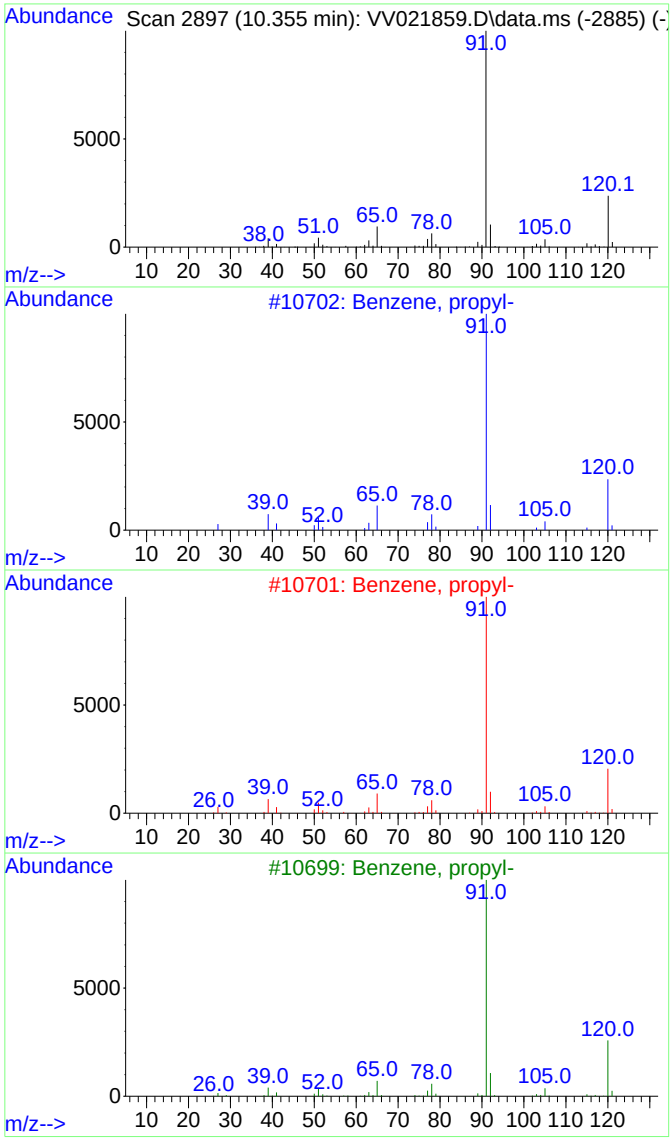
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

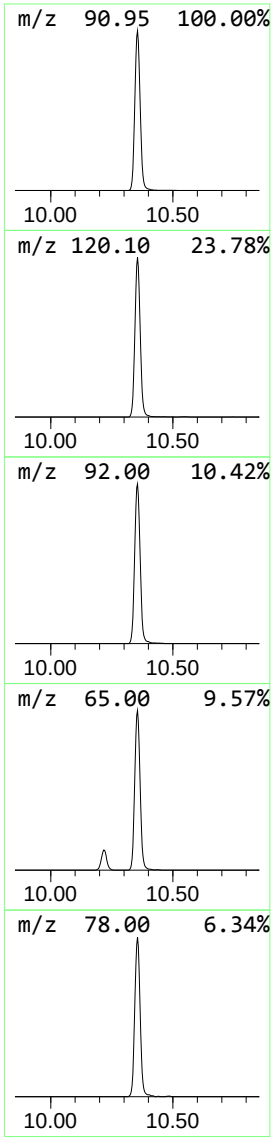
****

Peak Number 5 Benzene, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.355	69.20 ug/L	1497240	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.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
Dimethyl ether	1.208	4.8	ug/L	84585	1	5.616	886974	50.0
Methylal	2.166	21.9	ug/L	388227	1	5.616	886974	50.0
Benzene, propyl-	10.355	69.2	ug/L	1497240	3	11.252	1081890	50.0