LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
Data File : VU052839.D
Acq On : 27 Jan 2023 12:16
Operator : JC/MD
Sample : 01316-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 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: VU052839.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	9	16	25	rVB	245388	259455	26.68%	2.395%
2	1.597	69	80	92	rBV	96434	128931	13.26%	1.190%
3	1.732	114	122	131	rVB	47998	60739	6.25%	0.561%
4	1.793	135	141	153	rVB	13302	14688	1.51%	0.136%
5	1.909	171	177	196	rVB	82871	114475	11.77%	1.057%
6	2.080	224	230	240	rVB2	8149	10469	1.08%	0.097%
7	2.289	291	295	298	rBV3	554	393	0.04%	0.004%
8	2.372	310	321	337	rBV	178541	267421	27.50%	2.469%
9	2.514	364	365	366	rBV	353	100	0.01%	0.001%
10	2.565	368	381	394	rVV	184584	299598	30.80%	2.766%
11	2.639	395	404	420	rVB2	23779	41625	4.28%	0.384%
12	2.854	468	471	472	rBV	326	189	0.02%	0.002%
13	2.880	477	479	483	rBV2	406	243	0.02%	0.002%
14	3.041	519	529	537	rVB4	1384	2436	0.25%	0.022%
15	3.073	537	539	543	rVB2	291	110	0.01%	0.001%
16	3.186	555	574	624	rBV2	177553	812775	83.57%	7.503%
17	3.520	673	678	681	rVB3	370	322	0.03%	0.003%
18	3.665	720	723	726	rVB	221	144	0.01%	0.001%
19	3.684	726	729	731	rBV	207	136	0.01%	0.001%
20	3.732	739	744	747	rBV2	286	234	0.02%	0.002%
21	3.800	761	765	769	rBV2	366	399	0.04%	0.004%
22	3.861	777	784	788	rBV2	690	1096	0.11%	0.010%
23	3.989	806	824	844	rVB4	12771	34876	3.59%	0.322%
24	4.096	854	857	858	rBV	351	203	0.02%	0.002%
25	4.125	860	866	873	rBV4	1012	2012	0.21%	0.019%
26	4.218	890	895	898	rBV2	440	457	0.05%	0.004%
27	4.272	909	912	916	rVB2	346	333	0.03%	0.003%
28	4.295	916	919	923	rBV2	299	283	0.03%	0.003%
29	4.314	923	925	927	rVV	350	183	0.02%	0.002%
30	4.330	927	930	934	rVV	284	219	0.02%	0.002%
31	4.359	935	939	944	rVV2	187	169	0.02%	0.002%
32	4.401	949	952	954	rBV2	201	142	0.01%	0.001%
33	4.623	1003	1021	1061	rBV3	214038	699672	71.94%	6.459%
34	4.986	1131	1134	1135	rBV	301	175	0.02%	0.002%
35	5.057	1141	1156	1184	rVB2	191674	421701	43.36%	3.893%
36	5.182	1193	1195	1197	rBV2	466	134	0.01%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
Data File : VU052839.D
Acq On : 27 Jan 2023 12:16
Operator : JC/MD
Sample : 01316-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 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

37	5.285	1221	1227	1230	rBV3	867	1028	0.11%	0.009%
38	5.382	1245	1257	1267	rBV6	2783	5517	0.57%	0.051%
39	5.472	1282	1285	1287	rBV	200	108	0.01%	0.001%
40	5.536	1301	1305	1308	rBV3	782	660	0.07%	0.006%
41	5.594	1320	1323	1326	rBV2	258	212	0.02%	0.002%
42	5.633	1333	1335	1339	rVB2	184	126	0.01%	0.001%
43	5.719	1341	1362	1375	rBV2	344979	970834	99.82%	8.962%
44	6.131	1483	1490	1492	rBV3	1385	1368	0.14%	0.013%
45	6.176	1502	1504	1506	rVB	246	114	0.01%	0.001%
46	6.195	1506	1510	1511	rBV	276	196	0.02%	0.002%
47	6.243	1511	1525	1544	rBV	378845	722570	74.29%	6.670%
48	6.459	1589	1592	1595	rBV	186	143	0.01%	0.001%
49	6.501	1596	1605	1606	rBV4	4593	4961	0.51%	0.046%
50	6.684	1649	1662	1678	rBV	219242	418153	42.99%	3.860%
51	6.996	1741	1759	1791	rBV3	159270	480395	49.39%	4.435%
52	7.356	1867	1871	1874	rBV	228	197	0.02%	0.002%
53	7.478	1902	1909	1911	rBV5	2265	2683	0.28%	0.025%
54	7.562	1922	1935	1952	rBV	124363	217882	22.40%	2.011%
55	7.694	1968	1976	1977	rBV4	2021	2140	0.22%	0.020%
56	7.758	1990	1996	1998	rBV3	339	326	0.03%	0.003%
57	7.784	2002	2004	2005	rBV3	260	125	0.01%	0.001%
58	7.893	2021	2038	2054	rBV	436258	752689	77.39%	6.948%
59	8.176	2114	2126	2145	rBV2	84725	142728	14.68%	1.318%
60	8.263	2150	2153	2154	rBV2	626	317	0.03%	0.003%
61	8.272	2154	2156	2157	rBV	398	153	0.02%	0.001%
62	8.308	2160	2167	2175	rBV4	3738	6173	0.63%	0.057%
63	8.484	2210	2222	2233	rBV3	10355	18588	1.91%	0.172%
64	8.546	2233	2241	2253	rVB5	9120	15405	1.58%	0.142%
65	8.632	2255	2268	2301	rBV3	259720	506913	52.12%	4.679%
66	8.880	2343	2345	2347	rBV	456	217	0.02%	0.002%
67	9.044	2394	2396	2398	rBV	387	132	0.01%	0.001%
68	9.076	2403	2406	2408	rBV	255	200	0.02%	0.002%
69	9.269	2458	2466	2476	rVB3	2944	4814	0.49%	0.044%
70	9.330	2476	2485	2497	rBV8	4771	8784	0.90%	0.081%
71	9.414	2498	2511	2540	rVV	537931	972591	100.00%	8.978%
72	9.636	2579	2580	2583	rBV	318	201	0.02%	0.002%
73	9.684	2583	2595	2609	rVV4	18648	32172	3.31%	0.297%
74	9.758	2610	2618	2625	rVV4	2978	4612	0.47%	0.043%
75	9.787	2625	2627	2629	rBV	266	100	0.01%	0.001%
76	9.947	2674	2677	2679	rBV	312	241	0.02%	0.002%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
Data File : VU052839.D
Acq On : 27 Jan 2023 12:16
Operator : JC/MD
Sample : 01316-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 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

77	10.041	2698	2706	2708	rBV4	1105	1302	0.13%	0.012%
78	10.353	2800	2803	2806	rBV5	773	557	0.06%	0.005%
79	10.481	2832	2843	2858	rBV	36030	57713	5.93%	0.533%
80	10.546	2861	2863	2865	rVB2	686	270	0.03%	0.002%
81	10.597	2877	2879	2882	rVB2	346	160	0.02%	0.001%
82	10.642	2882	2893	2902	rBV5	1877	3331	0.34%	0.031%
83	10.703	2904	2912	2915	rVV6	3177	4362	0.45%	0.040%
84	10.751	2916	2927	2957	rVB	328574	545029	56.04%	5.031%
85	10.890	2963	2970	2988	rVB5	8200	17382	1.79%	0.160%
86	11.131	3042	3045	3046	rBV	471	278	0.03%	0.003%
87	11.227	3062	3075	3078	rBV3	1971	2342	0.24%	0.022%
88	11.259	3083	3085	3086	rBV3	295	134	0.01%	0.001%
89	11.555	3169	3177	3186	rBV5	3688	4883	0.50%	0.045%
90	11.806	3242	3255	3275	rBV	567049	938109	96.45%	8.660%
91	12.053	3325	3332	3336	rBV3	9837	13946	1.43%	0.129%
92	12.189	3362	3374	3392	rVB	453902	742639	76.36%	6.855%
93	12.333	3413	3419	3426	rVB8	2917	4165	0.43%	0.038%
94	12.568	3485	3492	3499	rBV2	4247	5564	0.57%	0.051%
95	12.970	3610	3617	3629	rBV10	3140	6483	0.67%	0.060%
96	13.288	3713	3716	3719	rBV2	369	267	0.03%	0.002%
97	13.442	3757	3764	3772	rVB7	4429	6856	0.70%	0.063%
98	13.616	3813	3818	3827	rVB5	1155	1612	0.17%	0.015%
99	13.677	3830	3837	3838	rBV4	1794	1778	0.18%	0.016%
100	13.883	3898	3901	3902	rBV	801	465	0.05%	0.004%

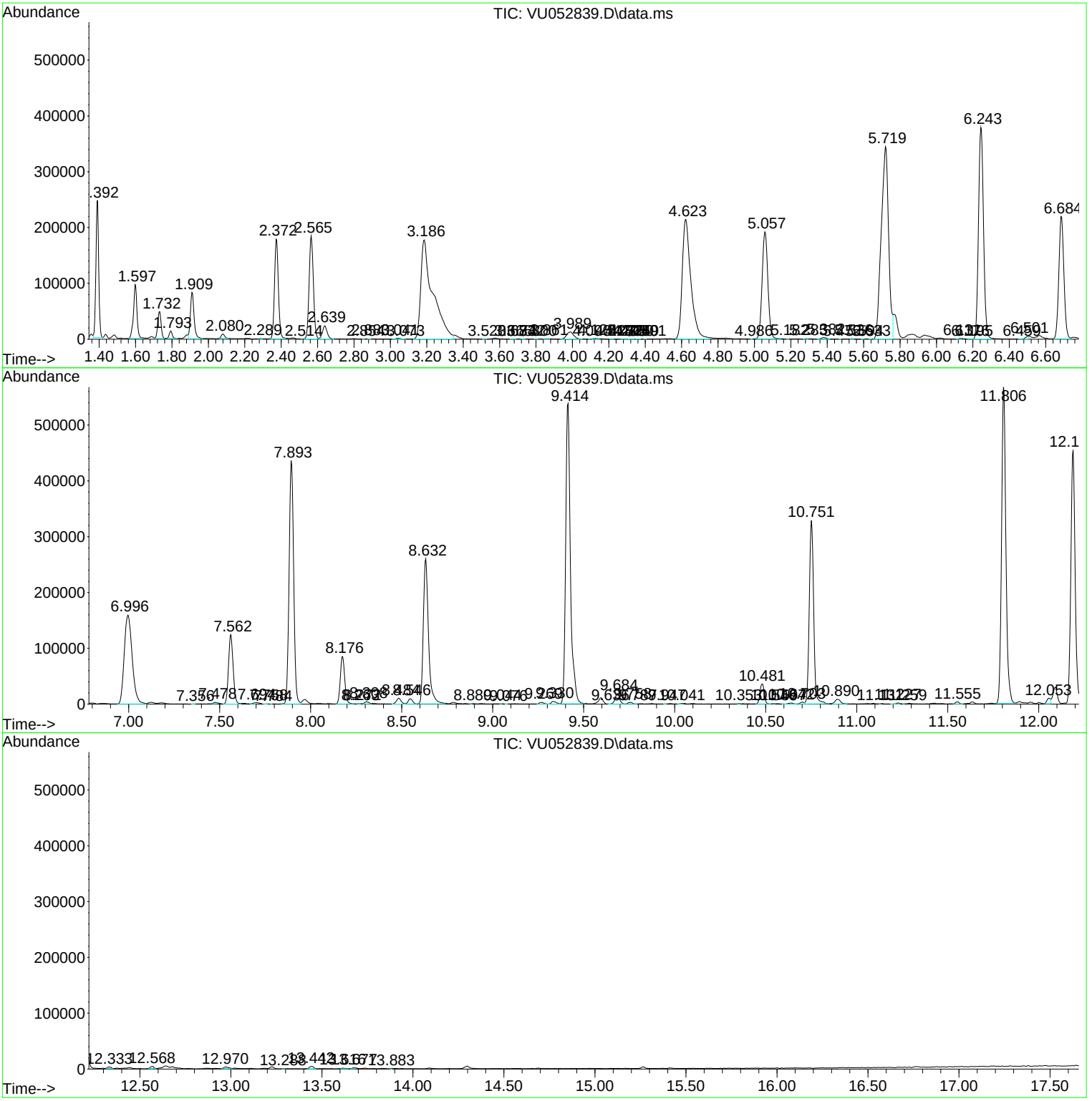
Sum of corrected areas: 10832932

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
Data File : VU052839.D
Acq On : 27 Jan 2023 12:16
Operator : JC/MD
Sample : 01316-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
Data File : VU052839.D
Acq On : 27 Jan 2023 12:16
Operator : JC/MD
Sample : 01316-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44G8

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

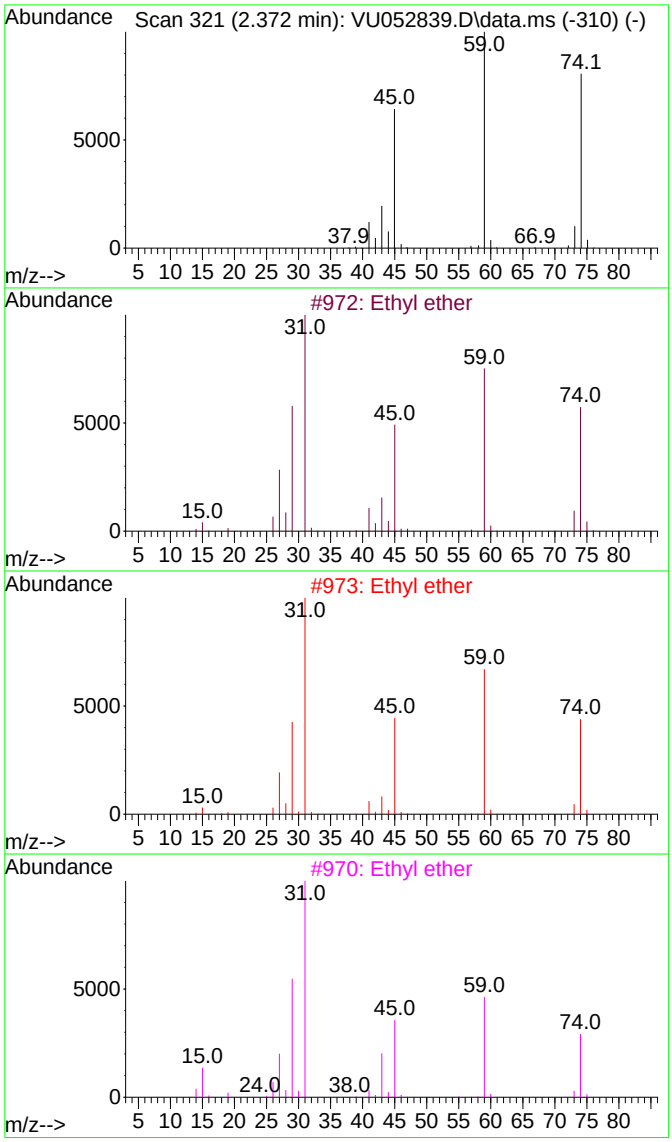
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

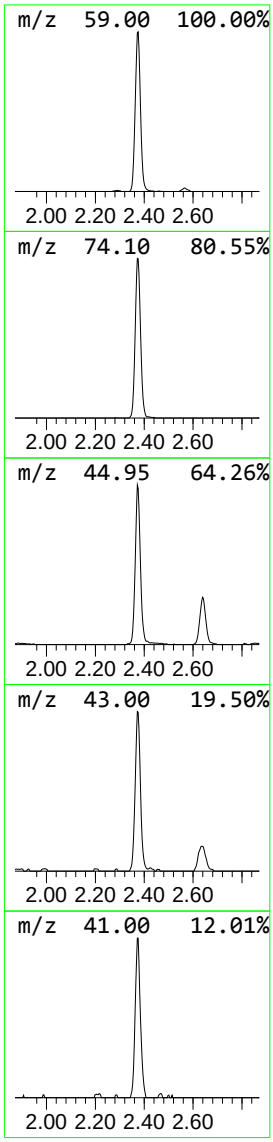
****

Peak Number 2 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.372	18.50 ug/L	267421	1,4-Difluorobenzene	6.243

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	Ethyl ether	74	C4H10O	000060-29-7	83
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	78
5	Thiirane, methyl-	74	C3H6S	001072-43-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
Data File : VU052839.D
Acq On : 27 Jan 2023 12:16
Operator : JC/MD
Sample : 01316-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44G8

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

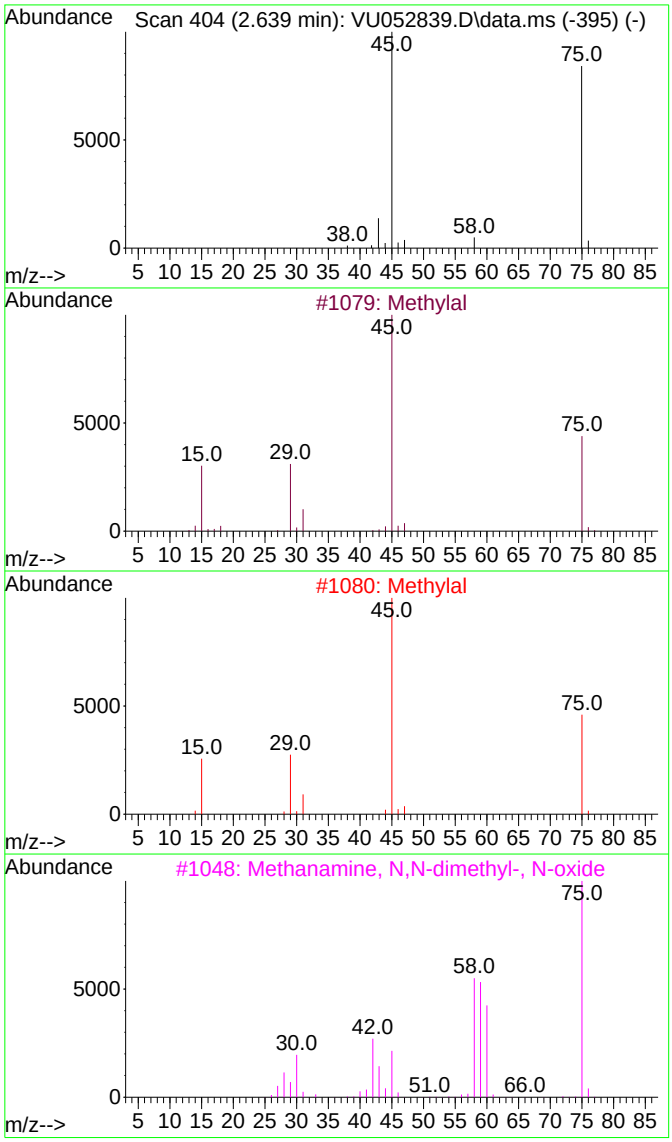
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

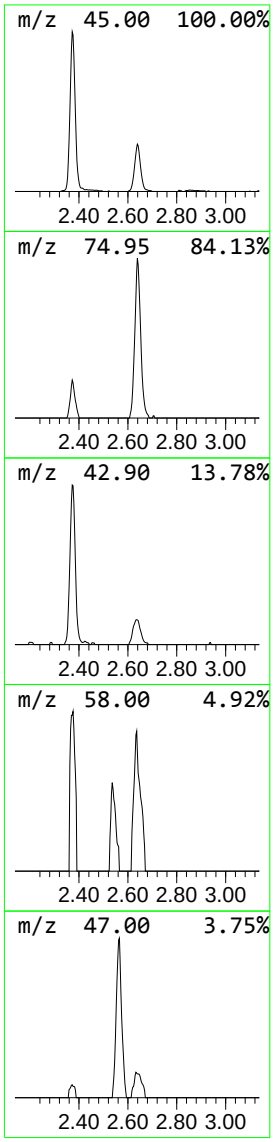
****

Peak Number 3 Methylal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.639	2.88 ug/L	41625	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylal	76	C3H8O2	000109-87-5	83
2	Methylal	76	C3H8O2	000109-87-5	83
3	Methanamine, N,N-dimethyl-, N-oxide	75	C3H9NO	001184-78-7	9
4	Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	5
5	Formamide	45	CH3NO	000075-12-7	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
Data File : VU052839.D
Acq On : 27 Jan 2023 12:16
Operator : JC/MD
Sample : 01316-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44G8

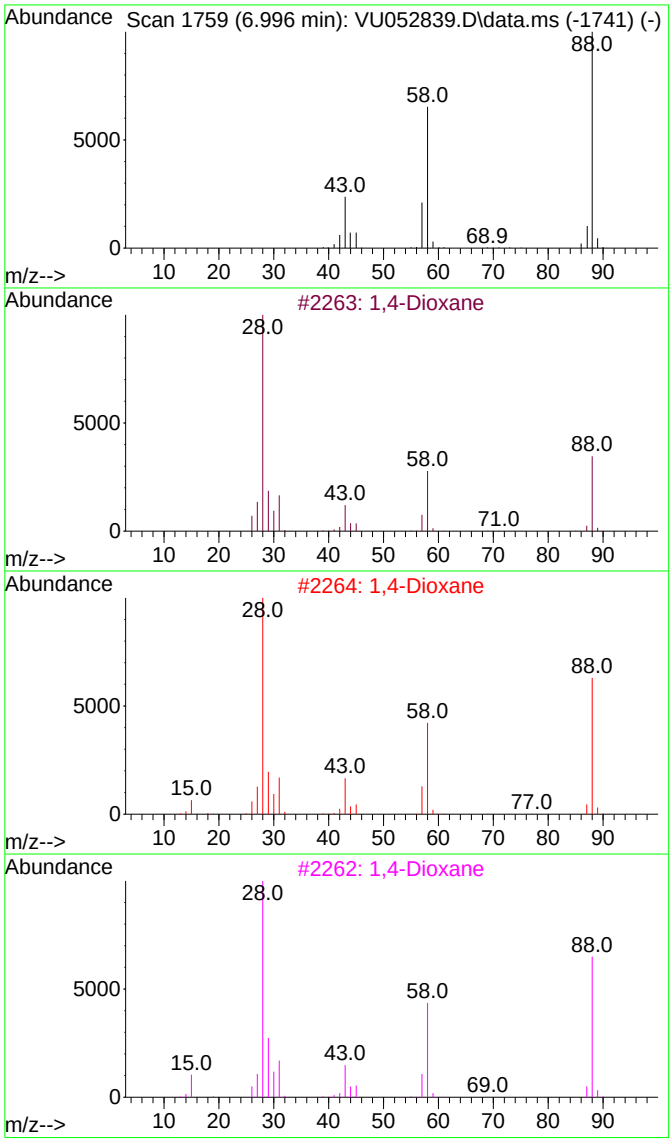
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis

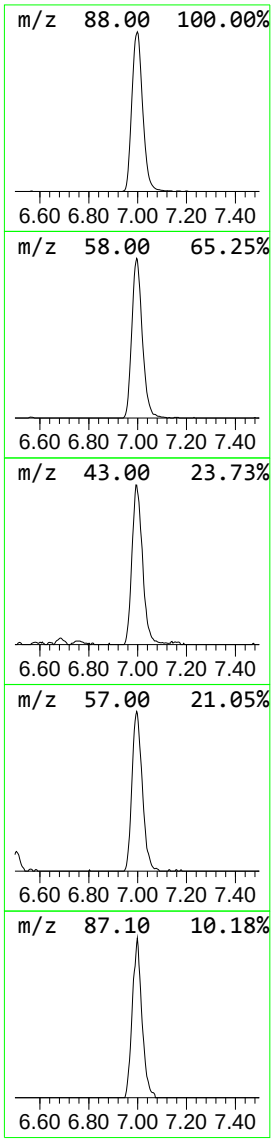
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,4-Dioxane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.996	33.24 ug/L	480395	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	91
2	1,4-Dioxane	88	C4H8O2	000123-91-1	91
3	1,4-Dioxane	88	C4H8O2	000123-91-1	90
4	1,4-Dioxane	88	C4H8O2	000123-91-1	83
5	1,4-Dioxane	88	C4H8O2	000123-91-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
Data File : VU052839.D
Acq On : 27 Jan 2023 12:16
Operator : JC/MD
Sample : 01316-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl ether	2.372	18.5	ug/L	267421	1	6.243	722570	50.0
Methylal	2.639	2.9	ug/L	41625	1	6.243	722570	50.0
1,4-Dioxane	6.996	33.2	ug/L	480395	1	6.243	722570	50.0