LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
Data File : VV017972.D
Acq On : 13 Aug 2020 15:23
Operator : SY/MD
Sample : L3644-17DL 10X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99DL

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\SOMVLM081120WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.222	35	41	45	rBV3	9430	13954	1.39%	0.147%
2	1.315	63	70	82	rVB	138017	141725	14.08%	1.497%
3	1.389	88	93	99	rBV	10632	14414	1.43%	0.152%
4	1.576	145	151	169	rVB	119859	136091	13.52%	1.438%
5	2.122	312	321	331	rVB	233253	335904	33.37%	3.548%
6	2.184	332	340	346	rBV	99757	160262	15.92%	1.693%
7	2.341	370	389	390	rBV2	22222	49118	4.88%	0.519%
8	2.447	417	422	437	rVB	17627	29755	2.96%	0.314%
9	2.524	438	446	461	rVB2	9930	17329	1.72%	0.183%
10	2.666	486	490	493	rBV4	206	189	0.02%	0.002%
11	2.743	510	514	518	rBV3	237	263	0.03%	0.003%
12	2.788	524	528	531	rVB2	448	271	0.03%	0.003%
13	2.814	534	536	540	rBV3	259	168	0.02%	0.002%
14	2.846	544	546	549	rBV	287	169	0.02%	0.002%
15	2.872	551	554	558	rVB3	373	225	0.02%	0.002%
16	2.936	571	574	576	rBV	211	173	0.02%	0.002%
17	3.052	608	610	614	rVB	363	168	0.02%	0.002%
18	3.457	715	736	779	rBV8	16508	110052	10.93%	1.163%
19	3.740	815	824	840	rVV6	2238	5438	0.54%	0.057%
20	3.833	851	853	859	rVB4	356	274	0.03%	0.003%
21	3.907	862	876	900	rBV	86229	243608	24.20%	2.573%
22	4.109	932	939	962	rVB2	6283	17454	1.73%	0.184%
23	4.376	1005	1022	1054	rBV	163231	400957	39.83%	4.236%
24	4.537	1063	1072	1092	rBV2	8350	20387	2.03%	0.215%
25	4.724	1128	1130	1135	rVB2	201	180	0.02%	0.002%
26	5.074	1221	1239	1266	rBV2	389903	1006707	100.00%	10.635%
27	5.322	1314	1316	1319	rBV2	366	192	0.02%	0.002%
28	5.563	1381	1391	1394	rBV2	1181	1536	0.15%	0.016%
29	5.643	1403	1416	1446	rBV	306068	612615	60.85%	6.472%
30	5.775	1455	1457	1460	rBV	404	200	0.02%	0.002%
31	5.936	1497	1507	1508	rBV3	4432	5077	0.50%	0.054%
32	5.978	1509	1520	1544	rVV	165420	496805	49.35%	5.248%
33	6.093	1545	1556	1576	rVB	232133	474432	47.13%	5.012%
34	6.637	1718	1725	1746	rVB	9810	19835	1.97%	0.210%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
Data File : VV017972.D
Acq On : 13 Aug 2020 15:23
Operator : SY/MD
Sample : L3644-17DL 10X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99DL

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\SOMVLM081120WMA.M
Title : VOC Analysis

35	6.897	1804	1806	1809	rBV3	358	207	0.02%	0.002%
36	6.913	1809	1811	1814	rVV	204	158	0.02%	0.002%
37	7.010	1829	1841	1859	rBV	116846	208100	20.67%	2.198%
38	7.116	1871	1874	1877	rBV3	305	185	0.02%	0.002%
39	7.148	1882	1884	1886	rBV	375	187	0.02%	0.002%
40	7.183	1890	1895	1897	rBV2	292	246	0.02%	0.003%
41	7.209	1897	1903	1906	rBV4	562	611	0.06%	0.006%
42	7.251	1907	1916	1930	rBV2	19796	34359	3.41%	0.363%
43	7.338	1931	1943	1962	rBV	465509	789925	78.47%	8.345%
44	7.560	2010	2012	2017	rVB5	511	292	0.03%	0.003%
45	7.643	2027	2038	2058	rVV	81242	138764	13.78%	1.466%
46	7.846	2099	2101	2104	rVB2	275	155	0.02%	0.002%
47	7.891	2112	2115	2117	rBV3	345	206	0.02%	0.002%
48	7.949	2123	2133	2144	rBV3	14477	30174	3.00%	0.319%
49	8.058	2160	2167	2173	rBV2	7063	9563	0.95%	0.101%
50	8.109	2173	2183	2222	rVB	240845	431296	42.84%	4.556%
51	8.267	2224	2232	2248	rVB3	10830	18740	1.86%	0.198%
52	8.476	2289	2297	2308	rBV4	3641	6067	0.60%	0.064%
53	8.569	2320	2326	2328	rBV4	318	360	0.04%	0.004%
54	8.640	2342	2348	2350	rBV3	560	579	0.06%	0.006%
55	8.727	2350	2375	2409	rVV	114122	480247	47.70%	5.073%
56	8.875	2410	2421	2441	rVB	494223	795100	78.98%	8.399%
57	9.498	2606	2615	2633	rBV	46703	90070	8.95%	0.951%
58	9.727	2679	2686	2701	rVB3	4829	8720	0.87%	0.092%
59	9.839	2716	2721	2724	rBV5	1022	1226	0.12%	0.013%
60	9.981	2752	2765	2778	rBV3	5324	11084	1.10%	0.117%
61	10.084	2794	2797	2799	rBV2	508	347	0.03%	0.004%
62	10.112	2799	2806	2821	rVV2	5408	12408	1.23%	0.131%
63	10.238	2833	2845	2862	rBV	311470	486622	48.34%	5.141%
64	10.350	2878	2880	2884	rBV3	227	192	0.02%	0.002%
65	10.399	2891	2895	2896	rBV2	405	306	0.03%	0.003%
66	10.466	2914	2916	2918	rBV	335	210	0.02%	0.002%
67	10.511	2927	2930	2933	rVB2	351	263	0.03%	0.003%
68	10.540	2933	2939	2944	rBV4	932	1122	0.11%	0.012%
69	10.595	2954	2956	2959	rBV	298	190	0.02%	0.002%
70	10.714	2987	2993	2994	rBV3	399	415	0.04%	0.004%
71	10.733	2997	2999	3000	rBV	457	213	0.02%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
Data File : VV017972.D
Acq On : 13 Aug 2020 15:23
Operator : SY/MD
Sample : L3644-17DL 10X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99DL

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\SOMVLM081120WMA.M
Title : VOC Analysis

72	10.791	3008	3017	3030	rBV7	2779	4982	0.49%	0.053%
73	10.868	3030	3041	3046	rBV5	2744	5156	0.51%	0.054%
74	10.958	3062	3069	3081	rVB3	7245	10573	1.05%	0.112%
75	11.080	3098	3107	3118	rVB7	4186	7366	0.73%	0.078%
76	11.164	3126	3133	3136	rBV6	917	1237	0.12%	0.013%
77	11.270	3154	3166	3186	rBV	497476	756003	75.10%	7.986%
78	11.360	3186	3194	3208	rBV	7623	14446	1.43%	0.153%
79	11.646	3272	3283	3310	rVB	488142	754779	74.98%	7.973%
80	11.743	3310	3313	3315	rBV2	538	342	0.03%	0.004%
81	11.813	3331	3335	3339	rVB3	758	673	0.07%	0.007%
82	11.849	3343	3346	3349	rBV4	298	205	0.02%	0.002%
83	11.942	3371	3375	3377	rBV2	235	201	0.02%	0.002%
84	11.974	3382	3385	3388	rVB3	279	188	0.02%	0.002%
85	12.035	3393	3404	3422	rBV4	10827	24264	2.41%	0.256%
86	12.257	3468	3473	3478	rBV5	997	1122	0.11%	0.012%
87	12.312	3484	3490	3491	rBV3	370	385	0.04%	0.004%
88	12.370	3499	3508	3512	rBV5	3118	4335	0.43%	0.046%
89	12.450	3531	3533	3535	rBV	310	155	0.02%	0.002%
90	12.511	3547	3552	3555	rBV4	441	485	0.05%	0.005%
91	12.720	3614	3617	3624	rVB2	150	177	0.02%	0.002%
92	12.903	3665	3674	3679	rVB3	735	1019	0.10%	0.011%
93	13.112	3734	3739	3747	rBV3	691	807	0.08%	0.009%
94	13.341	3806	3810	3811	rBV	330	158	0.02%	0.002%
95	13.575	3877	3883	3885	rBV3	532	582	0.06%	0.006%
96	14.093	4041	4044	4052	rVB2	210	257	0.03%	0.003%
97	14.405	4139	4141	4144	rBV2	250	187	0.02%	0.002%
98	14.675	4223	4225	4229	rBV3	253	159	0.02%	0.002%
99	15.009	4326	4329	4335	rBV2	225	260	0.03%	0.003%
100	15.762	4557	4563	4567	rBV4	679	782	0.08%	0.008%

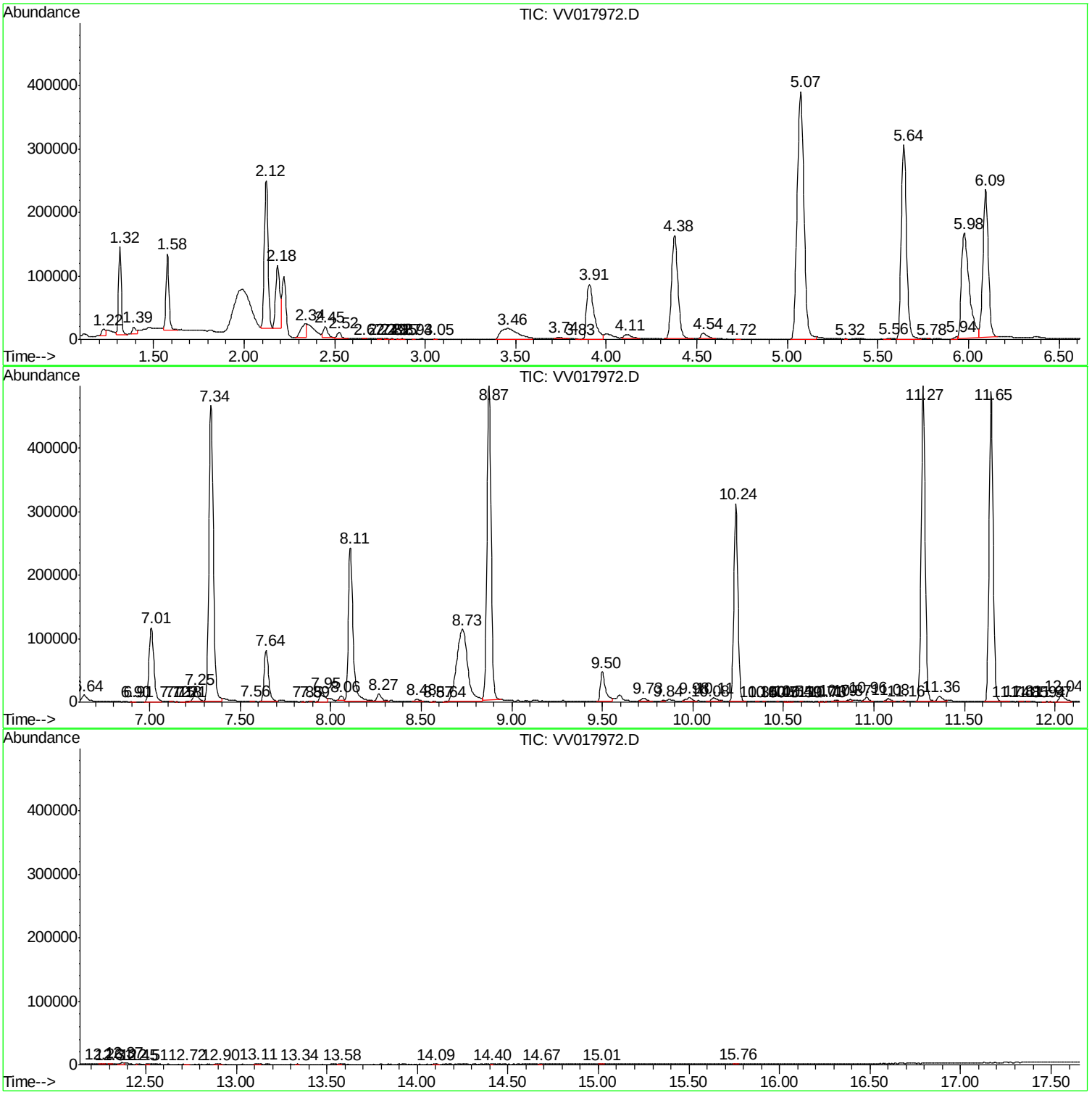
Sum of corrected areas: 9466121

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017972.D
Acq On : 13 Aug 2020 15:23
Operator : SY/MD
Sample : L3644-17DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017972.D
Acq On : 13 Aug 2020 15:23
Operator : SY/MD
Sample : L3644-17DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

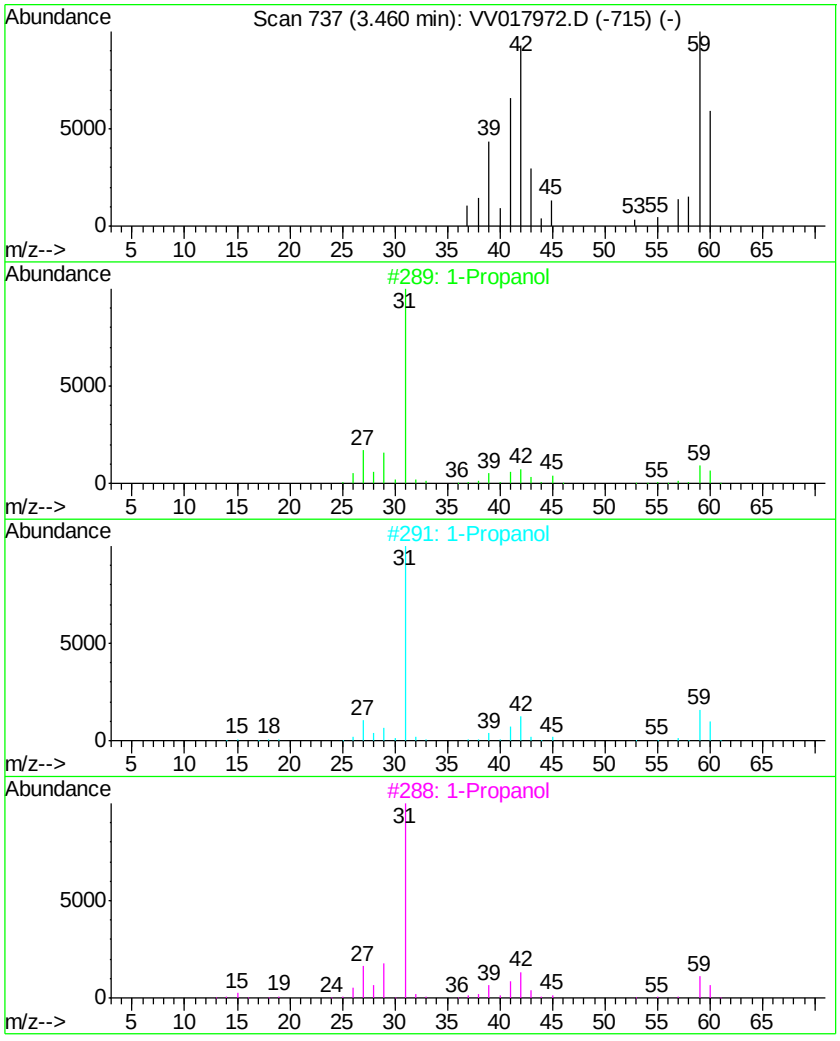
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

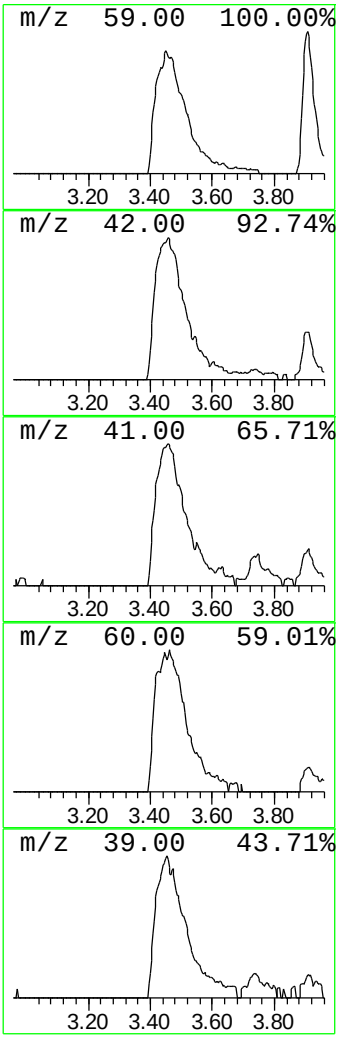
****

Peak Number 1 1-Propanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	8.98 ug/L	110052	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol	60	C3H8O	000071-23-8	59
2	1-Propanol	60	C3H8O	000071-23-8	50
3	1-Propanol	60	C3H8O	000071-23-8	50
4	1-Propanol	60	C3H8O	000071-23-8	50
5	2-Fluoropropene	60	C3H5F	001184-60-7	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017972.D
Acq On : 13 Aug 2020 15:23
Operator : SY/MD
Sample : L3644-17DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

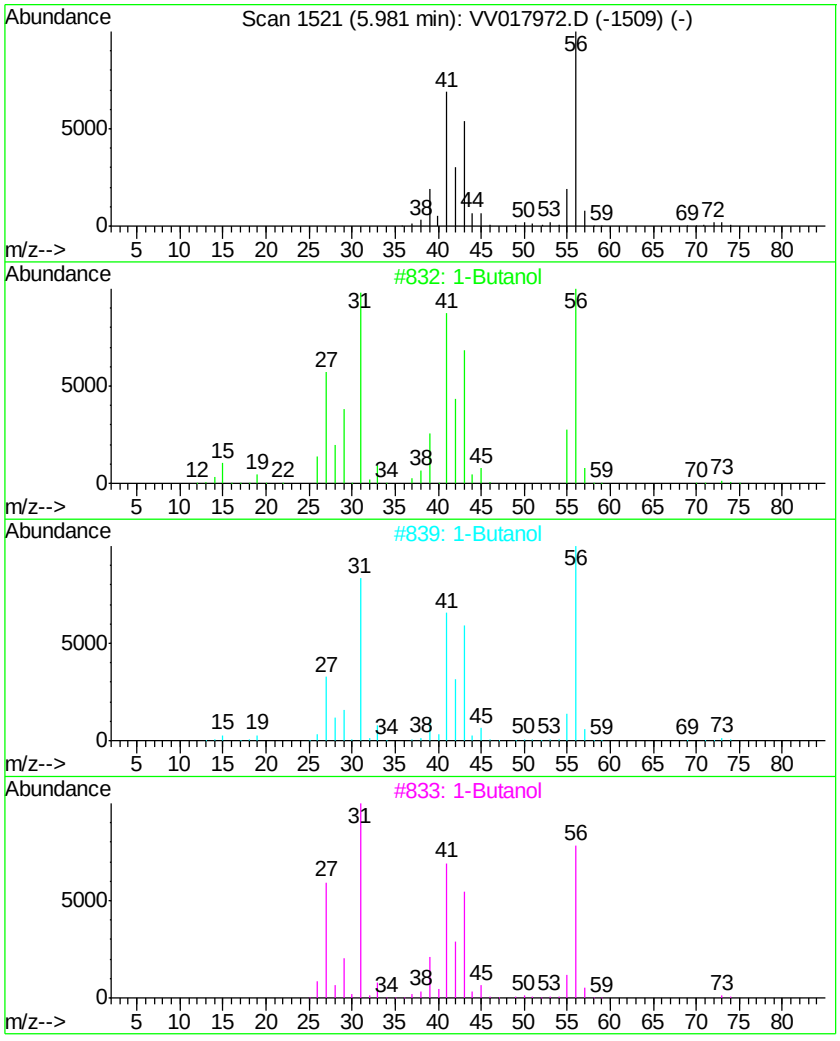
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

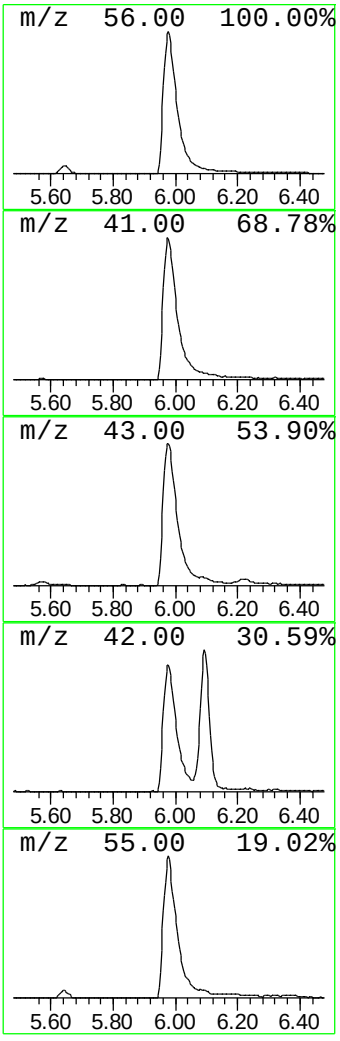
****

Peak Number 2 1-Butanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	40.55 ug/L	496805	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	91
2	1-Butanol	74	C4H10O	000071-36-3	90
3	1-Butanol	74	C4H10O	000071-36-3	86
4	1-Butanol	74	C4H10O	000071-36-3	83
5	1-Butanol	74	C4H10O	000071-36-3	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017972.D
Acq On : 13 Aug 2020 15:23
Operator : SY/MD
Sample : L3644-17DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

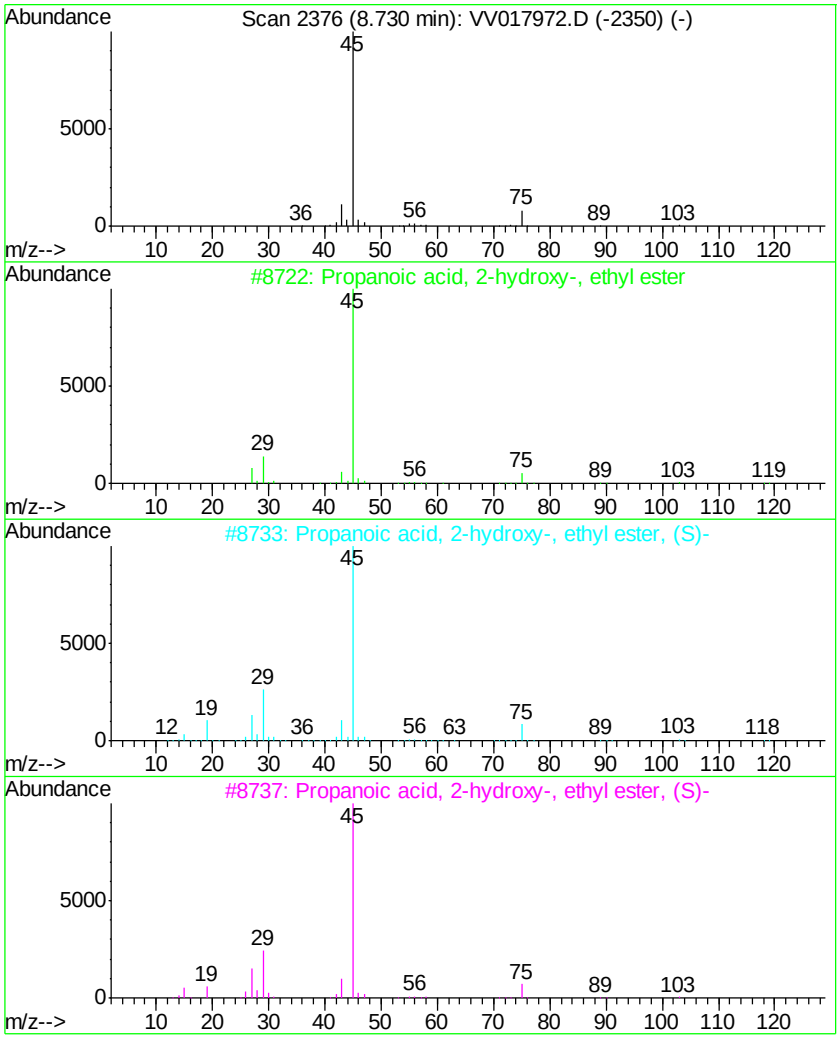
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

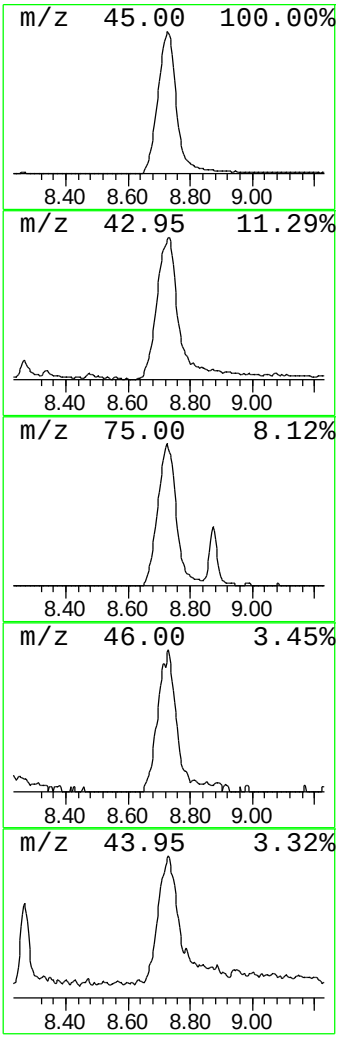
****

Peak Number 4 Propanoic acid, 2-hydroxy-,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	30.20 ug/L	480247	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-hydroxy-, ethy...	118	C5H10O3	000097-64-3	64
2	Propanoic acid, 2-hydroxy-, ethy...	118	C5H10O3	000687-47-8	64
3	Propanoic acid, 2-hydroxy-, ethy...	118	C5H10O3	000687-47-8	56
4	Propanoic acid, 2-hydroxy-, ethy...	118	C5H10O3	000097-64-3	9
5	Propanoic acid, 2-hydroxy-, ethy...	118	C5H10O3	000687-47-8	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017972.D
Acq On : 13 Aug 2020 15:23
Operator : SY/MD
Sample : L3644-17DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

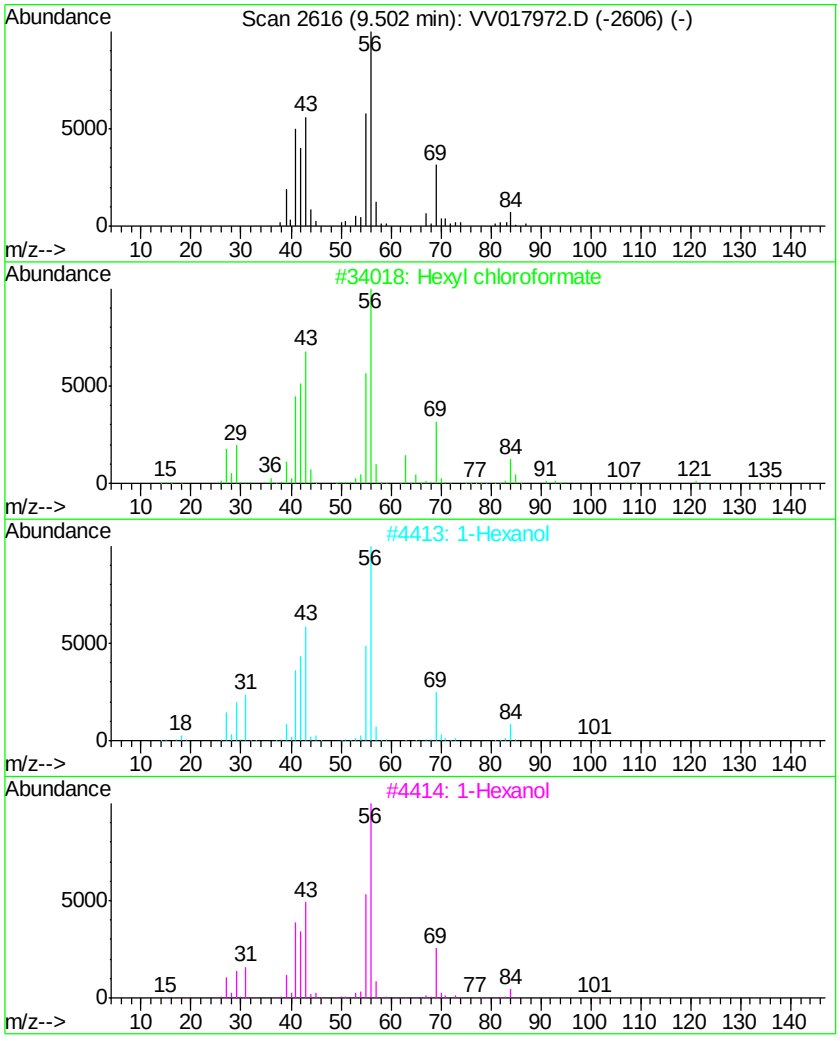
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

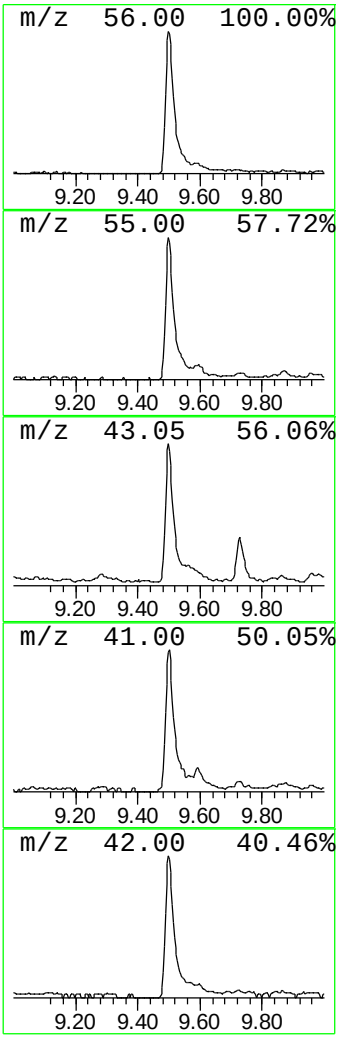
****

Peak Number 5 Hexyl chloroformate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	5.66 ug/L	90070	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	78
2	1-Hexanol	102	C6H14O	000111-27-3	78
3	1-Hexanol	102	C6H14O	000111-27-3	78
4	1-Hexanol	102	C6H14O	000111-27-3	78
5	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017972.D
Acq On : 13 Aug 2020 15:23
Operator : SY/MD
Sample : L3644-17DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2L99DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Propanol	3.46	9.0	ug/L	110052	1	5.64	612615	50.0
1-Butanol	5.98	40.5	ug/L	496805	1	5.64	612615	50.0
Propanoic acid, 2...	8.73	30.2	ug/L	480247	2	8.87	795100	50.0
Hexyl chloroformate	9.50	5.7	ug/L	90070	2	8.87	795100	50.0