LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036630.D
Acq On : 30 Jan 2020 19:59
Operator : JC/MD
Sample : L1326-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCS8

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\SOMULM012920WMA.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	1.616	78	86	97	rBV2	329674	370375	3.19%	1.512%
2	1.928	176	183	201	rVB	102869	138388	1.19%	0.565%
3	2.594	376	390	401	rBV	193722	322482	2.78%	1.317%
4	2.658	401	410	440	rVB	161512	270735	2.33%	1.105%
5	2.822	446	461	479	rVB2	48814	101775	0.88%	0.416%
6	2.986	502	512	531	rVV	13072	23075	0.20%	0.094%
7	3.083	531	542	554	rVB	13282	23877	0.21%	0.097%
8	3.224	576	586	600	rVB	4770	9231	0.08%	0.038%
9	3.391	626	638	658	rBV3	14143	31113	0.27%	0.127%
10	3.623	705	710	715	rBV3	404	441	0.00%	0.002%
11	3.687	726	730	731	rBV	104	73	0.00%	0.000%
12	3.796	761	764	768	rBV	105	108	0.00%	0.000%
13	3.893	791	794	796	rBV	91	71	0.00%	0.000%
14	3.964	814	816	819	rBV	116	88	0.00%	0.000%
15	4.038	832	839	842	rBV	110	142	0.00%	0.001%
16	4.224	893	897	899	rBV	160	94	0.00%	0.000%
17	4.491	963	980	1002	rBV2	43240	112140	0.97%	0.458%
18	4.713	1022	1049	1081	rBV2	1249299	2998494	25.81%	12.243%
19	5.112	1158	1173	1196	rVB2	175623	444756	3.83%	1.816%
20	5.404	1261	1264	1265	rBV	278	147	0.00%	0.001%
21	5.558	1307	1312	1313	rBV	654	438	0.00%	0.002%
22	5.616	1327	1330	1335	rBV	104	92	0.00%	0.000%
23	5.677	1347	1349	1352	rBV2	172	92	0.00%	0.000%
24	5.767	1355	1377	1395	rBV2	370179	951235	8.19%	3.884%
25	6.012	1450	1453	1455	rBV	236	139	0.00%	0.001%
26	6.153	1493	1497	1498	rBV	260	206	0.00%	0.001%
27	6.205	1501	1513	1524	rVB	2086	4137	0.04%	0.017%
28	6.288	1524	1539	1562	rBV	353671	665465	5.73%	2.717%
29	6.578	1607	1629	1657	rBV	550284	1037926	8.93%	4.238%
30	6.729	1662	1676	1694	rVB	223141	433202	3.73%	1.769%
31	6.899	1727	1729	1730	rBV	165	73	0.00%	0.000%
32	6.918	1730	1735	1745	rVV4	985	1367	0.01%	0.006%
33	6.973	1745	1752	1755	rVV	295	371	0.00%	0.002%
34	7.002	1758	1761	1766	rVB	96	68	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036630.D
Acq On : 30 Jan 2020 19:59
Operator : JC/MD
Sample : L1326-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCS8

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\SOMULM012920WMA.M
Title : VOC Analysis

35	7.050	1773	1776	1779	rBV	179	81	0.00%	0.000%
36	7.214	1819	1827	1837	rVB4	2249	3663	0.03%	0.015%
37	7.317	1856	1859	1862	rBV	97	72	0.00%	0.000%
38	7.378	1874	1878	1881	rBV	91	78	0.00%	0.000%
39	7.600	1933	1947	1971	rBV	130056	223847	1.93%	0.914%
40	7.719	1976	1984	1990	rBV6	1429	2236	0.02%	0.009%
41	7.771	1997	2000	2002	rBV	121	110	0.00%	0.000%
42	7.832	2010	2019	2022	rBV3	493	655	0.01%	0.003%
43	7.928	2035	2049	2065	rBV	473659	816708	7.03%	3.335%
44	8.089	2097	2099	2102	rBV2	338	213	0.00%	0.001%
45	8.211	2124	2137	2158	rBV	87274	146301	1.26%	0.597%
46	8.349	2177	2180	2182	rBV	341	182	0.00%	0.001%
47	8.430	2197	2205	2220	rBV3	7831	12978	0.11%	0.053%
48	8.523	2223	2234	2239	rBV	12629	21038	0.18%	0.086%
49	8.584	2239	2253	2268	rVV	6967687	11618896	100.00%	47.439%
50	8.668	2271	2279	2309	rVB	322275	612417	5.27%	2.500%
51	8.954	2362	2368	2373	rBV3	672	841	0.01%	0.003%
52	9.047	2395	2397	2400	rBV	161	114	0.00%	0.000%
53	9.143	2424	2427	2431	rVB	241	167	0.00%	0.001%
54	9.182	2436	2439	2443	rVB	304	181	0.00%	0.001%
55	9.304	2473	2477	2481	rBV2	234	197	0.00%	0.001%
56	9.324	2481	2483	2485	rVB	141	79	0.00%	0.000%
57	9.369	2491	2497	2500	rBV2	559	645	0.01%	0.003%
58	9.446	2507	2521	2545	rBV	467320	778505	6.70%	3.179%
59	9.600	2560	2569	2574	rVV3	1322	1833	0.02%	0.007%
60	9.684	2593	2595	2597	rBV	166	92	0.00%	0.000%
61	9.719	2598	2606	2619	rVV5	1787	3614	0.03%	0.015%
62	9.803	2619	2632	2654	rVB3	20619	48965	0.42%	0.200%
63	9.893	2658	2660	2662	rBV	153	85	0.00%	0.000%
64	9.915	2665	2667	2674	rVB2	711	656	0.01%	0.003%
65	9.967	2681	2683	2686	rVB	214	83	0.00%	0.000%
66	9.999	2687	2693	2696	rBV2	468	401	0.00%	0.002%
67	10.044	2701	2707	2708	rBV2	1023	810	0.01%	0.003%
68	10.262	2770	2775	2779	rBV4	908	1227	0.01%	0.005%
69	10.307	2779	2789	2802	rVB5	8976	16949	0.15%	0.069%
70	10.378	2805	2811	2819	rBV7	2019	3639	0.03%	0.015%
71	10.462	2833	2837	2840	rBV	164	116	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036630.D
Acq On : 30 Jan 2020 19:59
Operator : JC/MD
Sample : L1326-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCS8

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\SOMULM012920WMA.M
Title : VOC Analysis

72	10.494	2845	2847	2848	rBV	358	121	0.00%	0.000%
73	10.552	2861	2865	2866	rBV2	451	296	0.00%	0.001%
74	10.613	2881	2884	2885	rBV	147	68	0.00%	0.000%
75	10.632	2886	2890	2892	rVV2	208	157	0.00%	0.001%
76	10.722	2910	2918	2924	rBV4	2706	3490	0.03%	0.014%
77	10.780	2924	2936	2962	rVB	326966	583752	5.02%	2.383%
78	10.912	2965	2977	2991	rBV3	17404	38630	0.33%	0.158%
79	11.272	3086	3089	3090	rBV3	178	86	0.00%	0.000%
80	11.401	3127	3129	3131	rBV2	161	81	0.00%	0.000%
81	11.452	3135	3145	3155	rBV2	54412	87303	0.75%	0.356%
82	11.725	3222	3230	3238	rVB6	1021	1644	0.01%	0.007%
83	11.764	3238	3242	3246	rBV2	627	597	0.01%	0.002%
84	11.835	3251	3264	3280	rBV	462443	754855	6.50%	3.082%
85	12.002	3315	3316	3319	rVB	179	94	0.00%	0.000%
86	12.082	3335	3341	3351	rBV4	1816	2665	0.02%	0.011%
87	12.214	3369	3382	3398	rBV	454337	739290	6.36%	3.018%
88	12.372	3424	3431	3433	rBV4	477	562	0.00%	0.002%
89	12.494	3461	3469	3480	rBV3	7686	11554	0.10%	0.047%
90	12.574	3489	3494	3495	rBV	337	280	0.00%	0.001%
91	12.651	3514	3518	3526	rVB2	1165	1089	0.01%	0.004%
92	12.700	3528	3533	3537	rBV3	702	754	0.01%	0.003%
93	12.825	3568	3572	3575	rBV	508	396	0.00%	0.002%
94	12.851	3575	3580	3586	rVB3	790	923	0.01%	0.004%
95	13.452	3765	3767	3768	rBV	267	95	0.00%	0.000%
96	13.632	3821	3823	3829	rVB	272	152	0.00%	0.001%
97	13.931	3913	3916	3920	rVB2	347	223	0.00%	0.001%
98	13.970	3925	3928	3933	rBV2	340	265	0.00%	0.001%
99	14.102	3966	3969	3971	rBV2	1827	1405	0.01%	0.006%
100	14.240	4009	4012	4015	rBV	261	197	0.00%	0.001%

Sum of corrected areas: 24492114

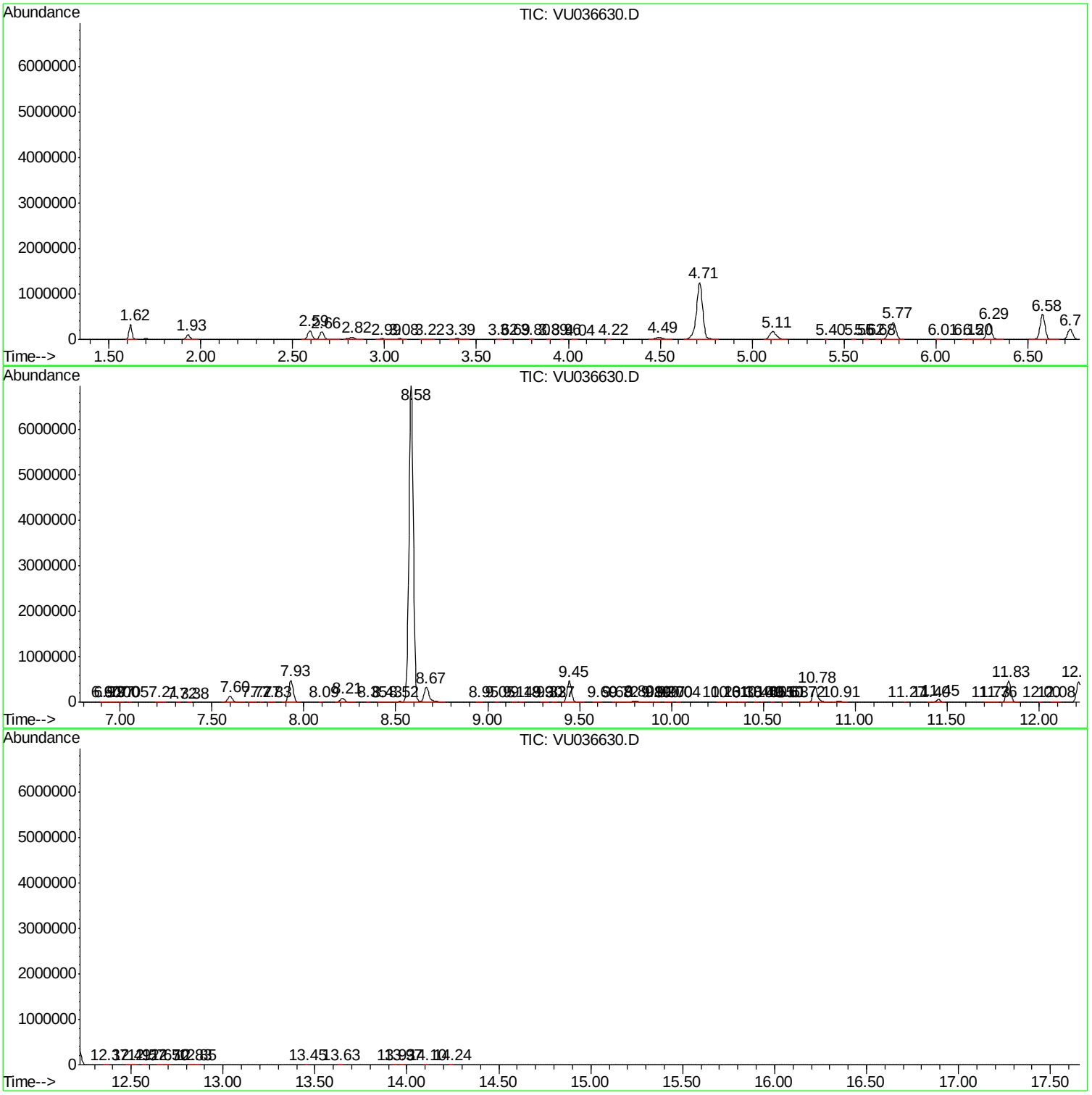
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036630.D
Acq On : 30 Jan 2020 19:59
Operator : JC/MD
Sample : L1326-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCS8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.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_U\DATA\VU013020\
Data File : VU036630.D
Acq On : 30 Jan 2020 19:59
Operator : JC/MD
Sample : L1326-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCS8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

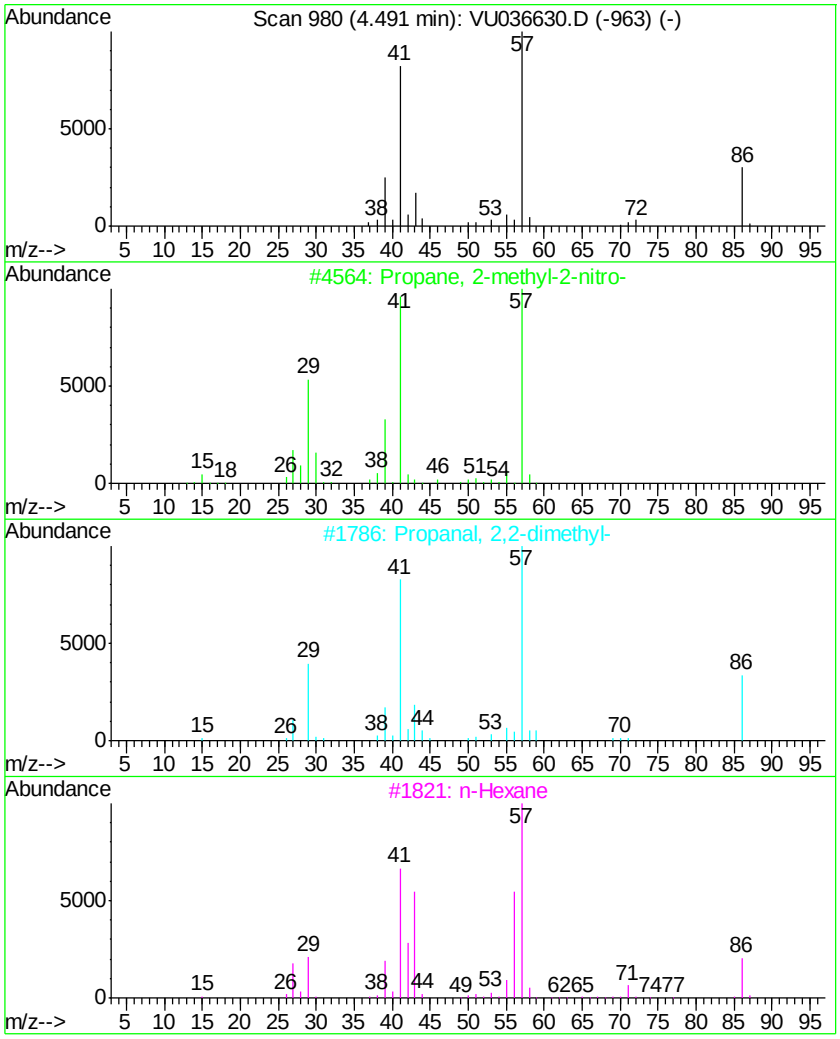
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

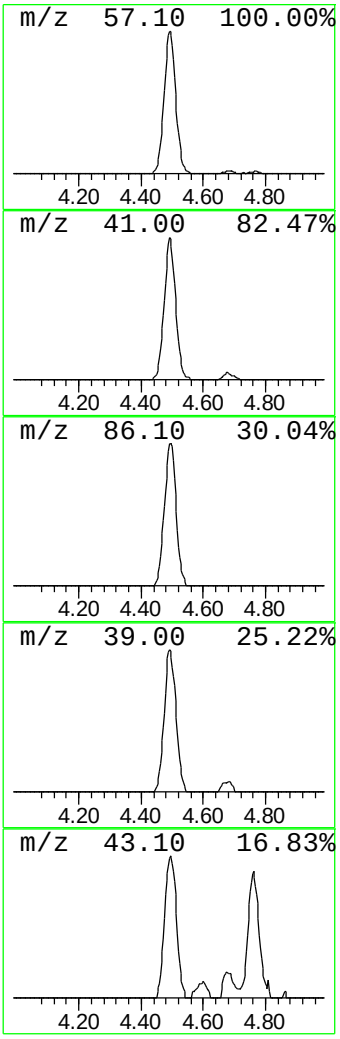
****

Peak Number 1 Propane, 2-methyl-2-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	8.43 ug/L	112140	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	50
2	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	50
3	n-Hexane	86	C6H14	000110-54-3	45
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	43
5	3-Pentanone	86	C5H10O	000096-22-0	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036630.D
Acq On : 30 Jan 2020 19:59
Operator : JC/MD
Sample : L1326-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCS8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

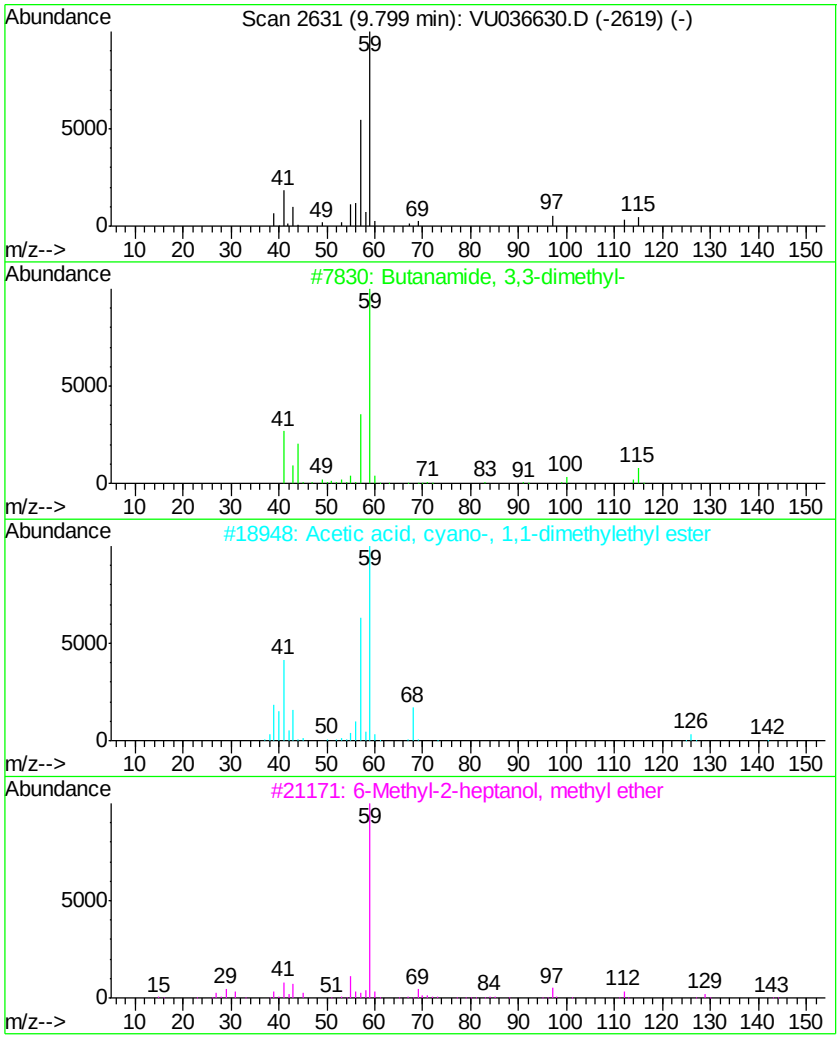
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

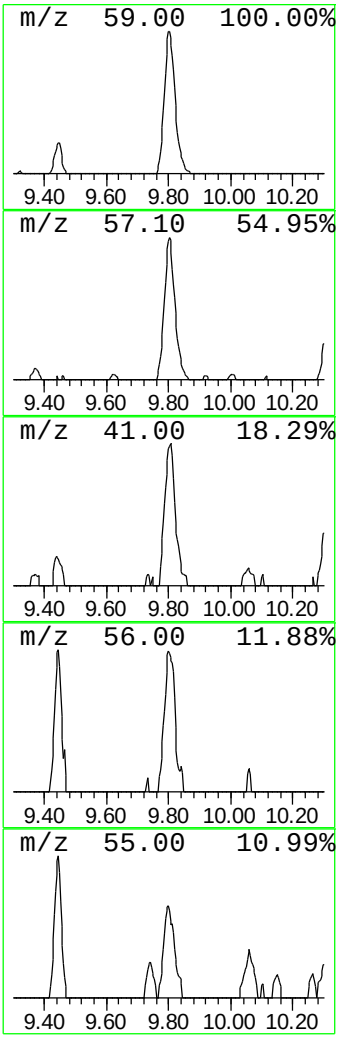
****

Peak Number 3 Butanamide, 3,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	3.14 ug/L	48965	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	56
3	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	50
4	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	38
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036630.D
Acq On : 30 Jan 2020 19:59
Operator : JC/MD
Sample : L1326-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCS8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

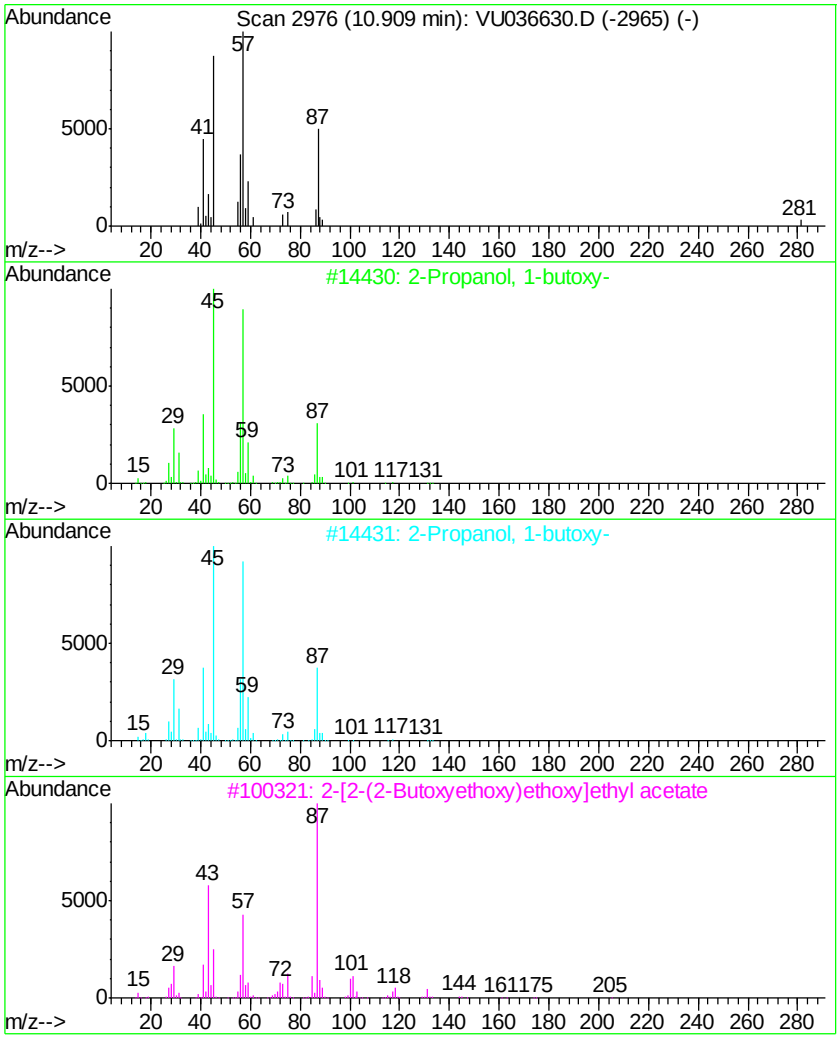
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

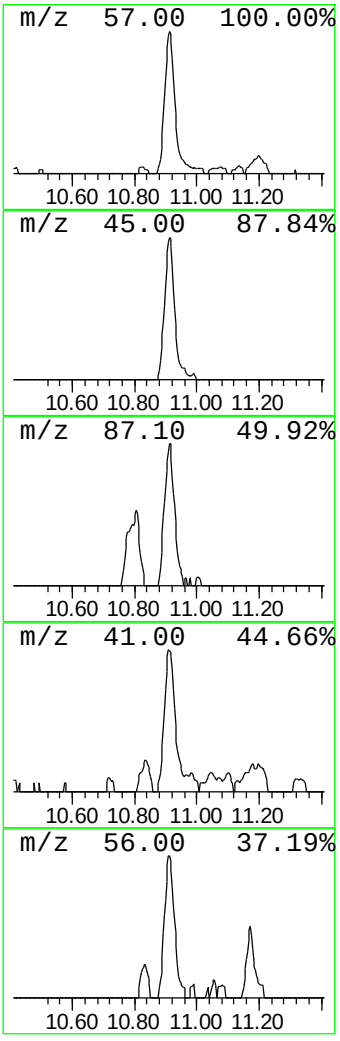
****

Peak Number 4 2-Propanol, 1-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	2.56 ug/L	38630	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	83
2	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	72
3	2-[2-(2-Butoxyethoxy)ethoxylethy...	248	C12H24O5	1000351-94-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	42
5	Propane, 1,1'-[ethylidenebis(oxy...	146	C8H18O2	000105-82-8	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036630.D
Acq On : 30 Jan 2020 19:59
Operator : JC/MD
Sample : L1326-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCS8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

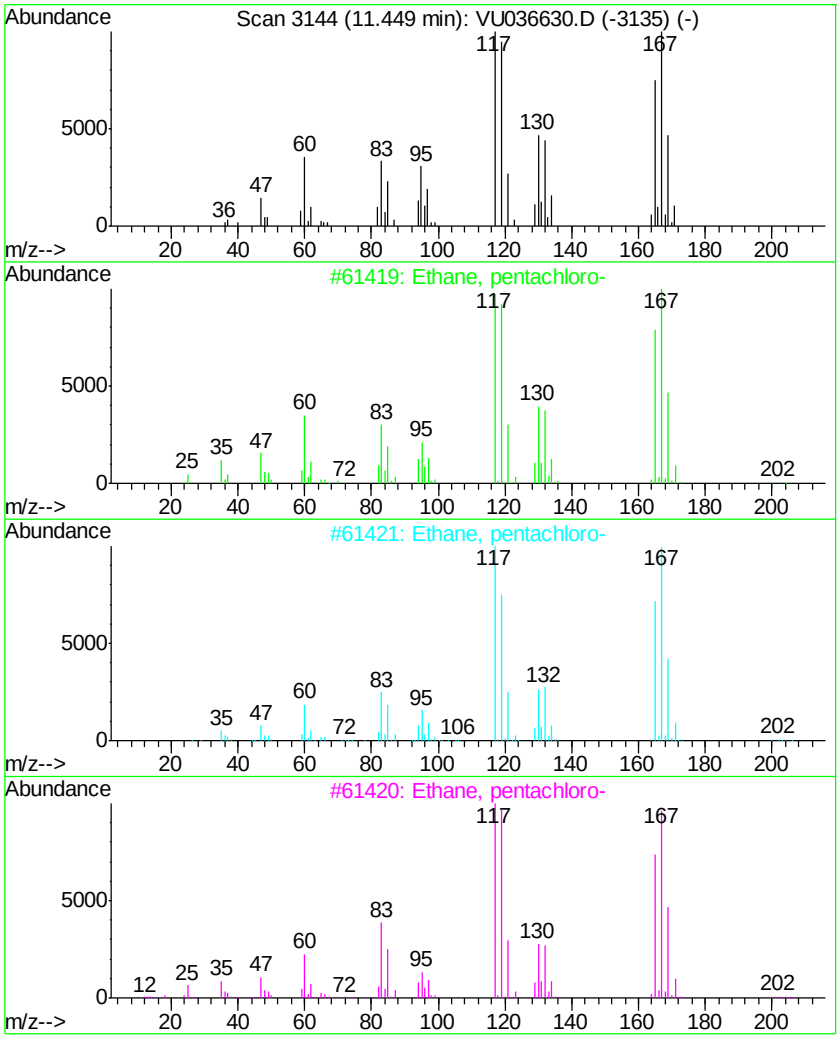
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

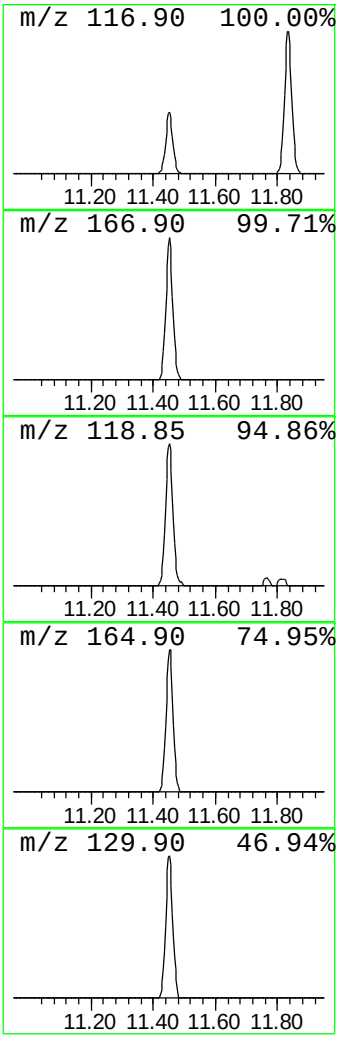
****

Peak Number 5 Ethane, pentachloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	5.78 ug/L	87303	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, pentachloro-	200	C2HCl5	000076-01-7	91
2	Ethane, pentachloro-	200	C2HCl5	000076-01-7	74
3	Ethane, pentachloro-	200	C2HCl5	000076-01-7	72
4	Ethane, 1,1,1,2-tetrachloro-2,2-...	202	C2Cl4F2	000076-11-9	35
5	Carbon Tetrachloride	152	CCl4	000056-23-5	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036630.D
Acq On : 30 Jan 2020 19:59
Operator : JC/MD
Sample : L1326-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCS8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.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
Propane, 2-methyl...	4.49	8.4	ug/L	112140	1	6.29	665465	50.0
Butanamide, 3,3-d...	9.80	3.1	ug/L	48965	2	9.45	778505	50.0
2-Propanol, 1-but...	10.91	2.6	ug/L	38630	3	11.83	754855	50.0
Ethane, pentachloro-	11.45	5.8	ug/L	87303	3	11.83	754855	50.0