LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
Data File : VV017973.D
Acq On : 13 Aug 2020 15:47
Operator : SY/MD
Sample : L3599-18ME
Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAYA0ME

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	1.312	62	69	82	rVB	123511	137188	0.37%	0.280%
2	1.573	144	150	160	rBV	85559	100823	0.27%	0.205%
3	2.103	305	315	326	rBV	248757	362660	0.97%	0.739%
4	2.515	434	443	459	rVB	11091	19302	0.05%	0.039%
5	2.630	468	479	491	rBV	5786	12157	0.03%	0.025%
6	2.769	512	522	538	rBV	13442	23489	0.06%	0.048%
7	3.206	649	658	672	rVB2	1660	3121	0.01%	0.006%
8	3.929	867	883	942	rBV	860627	2213068	5.92%	4.510%
9	4.373	1004	1021	1053	rBV	159106	401925	1.08%	0.819%
10	4.498	1057	1060	1067	rVB2	616	692	0.00%	0.001%
11	4.630	1091	1101	1102	rBV3	1424	1865	0.00%	0.004%
12	5.068	1220	1237	1265	rBV2	417374	1042699	2.79%	2.125%
13	5.511	1365	1375	1376	rBV3	2601	2571	0.01%	0.005%
14	5.640	1397	1415	1446	rBV	322092	669588	1.79%	1.365%
15	5.939	1478	1508	1544	rBV	18816705	37356678	100.00%	76.129%
16	6.093	1545	1556	1581	rVV	232046	502496	1.35%	1.024%
17	6.215	1582	1594	1611	rVB	227346	454077	1.22%	0.925%
18	6.418	1644	1657	1667	rVV6	4855	13197	0.04%	0.027%
19	6.569	1693	1704	1720	rVB5	3241	6796	0.02%	0.014%
20	6.649	1720	1729	1743	rBV5	2279	4677	0.01%	0.010%
21	6.871	1786	1798	1810	rBV3	12212	24151	0.06%	0.049%
22	6.939	1810	1819	1826	rVV2	10359	17705	0.05%	0.036%
23	7.010	1830	1841	1862	rVV	122432	238898	0.64%	0.487%
24	7.103	1863	1870	1889	rVB2	8958	19428	0.05%	0.040%
25	7.338	1916	1943	1960	rBV	483281	891920	2.39%	1.818%
26	7.588	2012	2021	2030	rBV	40977	65016	0.17%	0.132%
27	7.643	2030	2038	2064	rVB	83324	183551	0.49%	0.374%
28	7.807	2080	2089	2102	rVB4	5005	9340	0.03%	0.019%
29	7.871	2102	2109	2113	rBV4	833	1126	0.00%	0.002%
30	7.923	2120	2125	2126	rBV2	984	790	0.00%	0.002%
31	7.997	2136	2148	2165	rVB	89414	149001	0.40%	0.304%
32	8.135	2171	2191	2213	rBV	128850	382419	1.02%	0.779%
33	8.312	2237	2246	2255	rVB	20235	33586	0.09%	0.068%
34	8.373	2256	2265	2275	rBV3	13141	23058	0.06%	0.047%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017973.D
Acq On : 13 Aug 2020 15:47
Operator : SY/MD
Sample : L3599-18ME
Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAYA0ME

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	8.527	2304	2313	2323	rVB4	2868	4997	0.01%	0.010%
36	8.588	2325	2332	2335	rBV2	4510	5859	0.02%	0.012%
37	8.688	2355	2363	2372	rVB4	11616	18427	0.05%	0.038%
38	8.743	2375	2380	2391	rBV5	2027	3503	0.01%	0.007%
39	8.810	2394	2401	2410	rVB2	9595	14880	0.04%	0.030%
40	8.874	2410	2421	2441	rBV	484123	845199	2.26%	1.722%
41	9.013	2457	2464	2467	rBV4	2273	2886	0.01%	0.006%
42	9.087	2484	2487	2490	rBV4	640	476	0.00%	0.001%
43	9.125	2490	2499	2505	rVV9	4661	8586	0.02%	0.017%
44	9.170	2505	2513	2522	rVV3	16884	30780	0.08%	0.063%
45	9.225	2522	2530	2551	rVB2	24578	43473	0.12%	0.089%
46	9.341	2558	2566	2575	rVB4	1292	1854	0.00%	0.004%
47	9.495	2603	2614	2623	rBV6	3694	6795	0.02%	0.014%
48	9.569	2628	2637	2650	rBV2	7588	13551	0.04%	0.028%
49	9.701	2671	2678	2680	rVV4	1456	1768	0.00%	0.004%
50	9.730	2680	2687	2699	rVV4	4812	8084	0.02%	0.016%
51	9.823	2706	2716	2725	rVV6	5144	9528	0.03%	0.019%
52	9.871	2725	2731	2740	rVB5	2082	3364	0.01%	0.007%
53	9.958	2745	2758	2774	rBV	12891	20955	0.06%	0.043%
54	10.038	2774	2783	2786	rBV4	1247	1385	0.00%	0.003%
55	10.090	2795	2799	2800	rBV2	753	507	0.00%	0.001%
56	10.141	2811	2815	2825	rVB6	2843	3904	0.01%	0.008%
57	10.202	2825	2834	2836	rBV3	1803	2330	0.01%	0.005%
58	10.244	2836	2847	2865	rVB	279547	469602	1.26%	0.957%
59	10.379	2880	2889	2905	rBV	16390	26606	0.07%	0.054%
60	10.472	2908	2918	2934	rBV	37807	76599	0.21%	0.156%
61	10.566	2939	2947	2953	rBV	21514	31777	0.09%	0.065%
62	10.762	2998	3008	3024	rBV	15882	27441	0.07%	0.056%
63	10.900	3043	3051	3055	rBV6	4818	7005	0.02%	0.014%
64	10.939	3055	3063	3083	rVB	54783	88270	0.24%	0.180%
65	11.058	3089	3100	3102	rBV4	1883	2468	0.01%	0.005%
66	11.177	3128	3137	3145	rBV7	4050	6178	0.02%	0.013%
67	11.215	3145	3149	3156	rBV6	2353	2917	0.01%	0.006%
68	11.273	3156	3167	3186	rBV	546266	850036	2.28%	1.732%
69	11.360	3186	3194	3202	rBV	22363	33014	0.09%	0.067%
70	11.485	3229	3233	3246	rVB4	4087	5414	0.01%	0.011%
71	11.566	3250	3258	3259	rBV5	2724	2466	0.01%	0.005%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
Data File : VV017973.D
Acq On : 13 Aug 2020 15:47
Operator : SY/MD
Sample : L3599-18ME
Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAYA0ME

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	11.598	3264	3268	3273	rVV	7006	8712	0.02%	0.018%
73	11.649	3273	3284	3299	rVB	515502	811574	2.17%	1.654%
74	11.810	3326	3334	3340	rBV2	10241	14260	0.04%	0.029%
75	11.935	3363	3373	3376	rBV3	6994	9121	0.02%	0.019%
76	12.042	3392	3406	3414	rBV	9995	16841	0.05%	0.034%
77	12.144	3432	3438	3447	rVB7	2710	3836	0.01%	0.008%
78	12.276	3469	3479	3490	rBV4	25998	40913	0.11%	0.083%
79	12.337	3490	3498	3505	rVB7	1764	2758	0.01%	0.006%
80	12.395	3507	3516	3522	rBV6	5289	8869	0.02%	0.018%
81	12.437	3523	3529	3538	rVB2	8683	13051	0.03%	0.027%
82	12.488	3538	3545	3553	rBV2	15181	22122	0.06%	0.045%
83	12.614	3579	3584	3595	rVB7	2658	4233	0.01%	0.009%
84	12.749	3620	3626	3633	rVB7	2789	3848	0.01%	0.008%
85	12.820	3638	3648	3657	rBV8	1554	2193	0.01%	0.004%
86	12.906	3659	3675	3686	rBV7	11792	21400	0.06%	0.044%
87	12.968	3687	3694	3705	rVB3	11766	17229	0.05%	0.035%
88	13.029	3708	3713	3716	rBV5	1044	864	0.00%	0.002%
89	13.058	3716	3722	3723	rBV3	2063	1572	0.00%	0.003%
90	13.157	3749	3753	3758	rVB5	1008	1026	0.00%	0.002%
91	13.234	3773	3777	3782	rVB3	573	520	0.00%	0.001%
92	13.289	3790	3794	3796	rVV3	906	744	0.00%	0.002%
93	13.315	3800	3802	3808	rVB4	444	359	0.00%	0.001%
94	13.421	3833	3835	3841	rBV4	444	509	0.00%	0.001%
95	13.450	3841	3844	3846	rBV3	546	359	0.00%	0.001%
96	13.530	3864	3869	3876	rVB2	3088	3870	0.01%	0.008%
97	13.562	3876	3879	3887	rVB6	1251	1341	0.00%	0.003%
98	13.662	3900	3910	3918	rBV4	1497	2849	0.01%	0.006%
99	13.922	3983	3991	3999	rVV6	1525	2336	0.01%	0.005%
100	14.533	4175	4181	4185	rVB4	568	666	0.00%	0.001%

Sum of corrected areas: 49069917

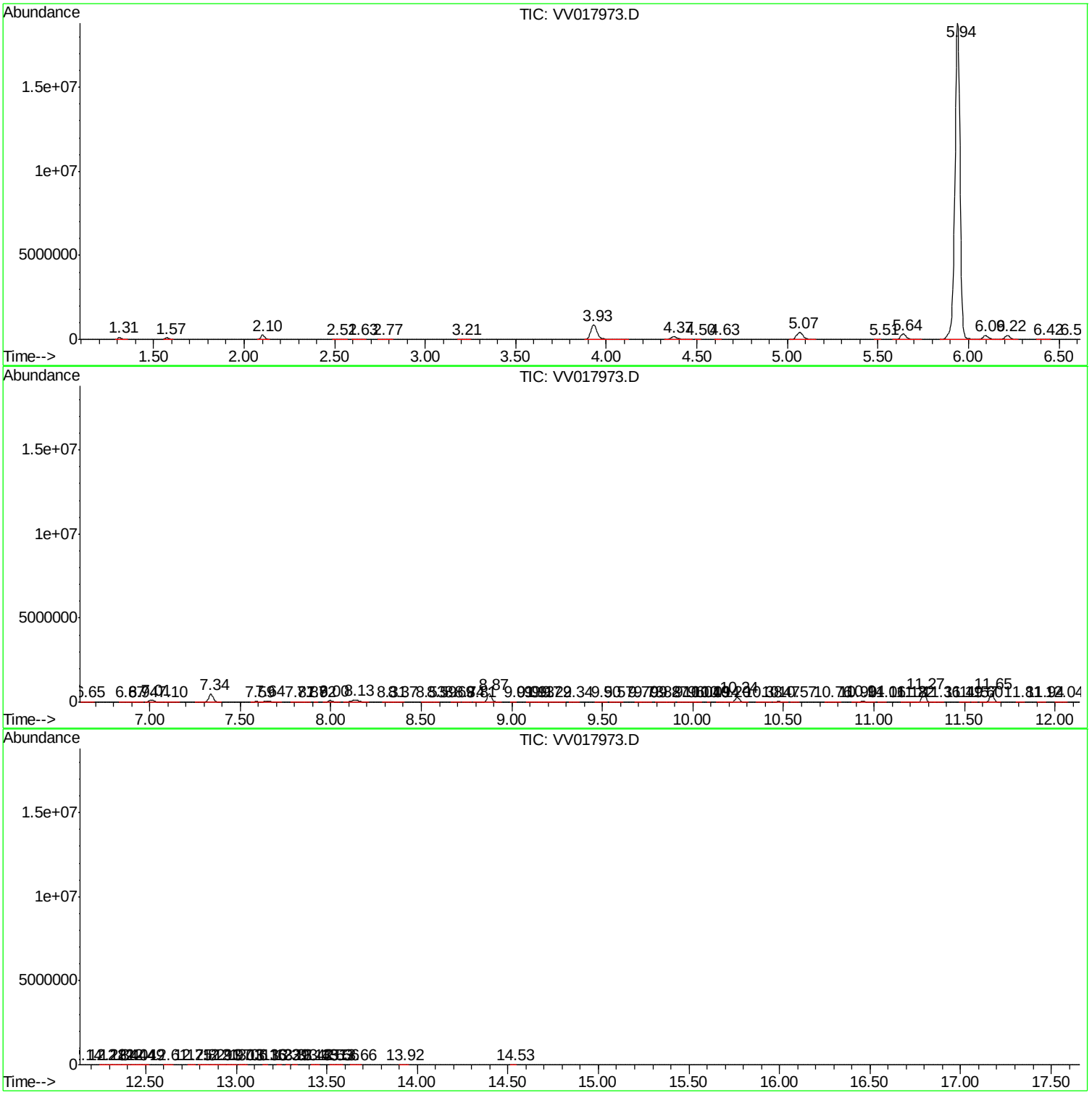
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017973.D
Acq On : 13 Aug 2020 15:47
Operator : SY/MD
Sample : L3599-18ME
Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAYA0ME

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017973.D
Acq On : 13 Aug 2020 15:47
Operator : SY/MD
Sample : L3599-18ME
Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAYA0ME

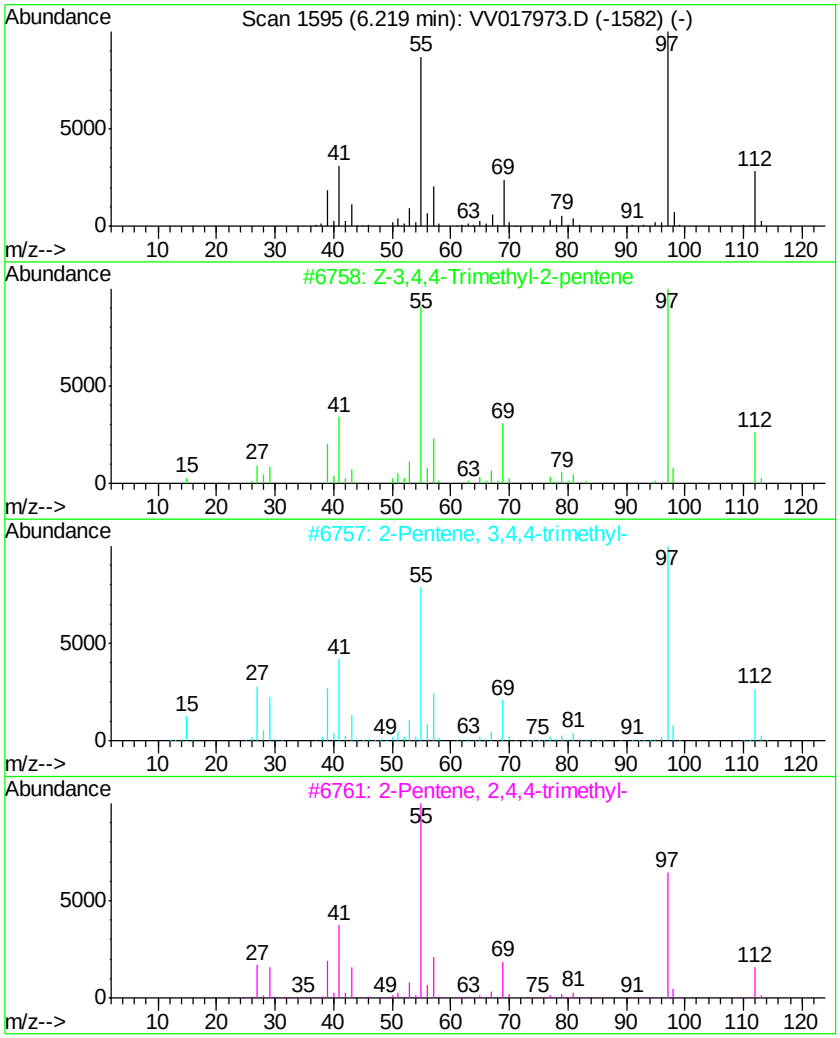
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

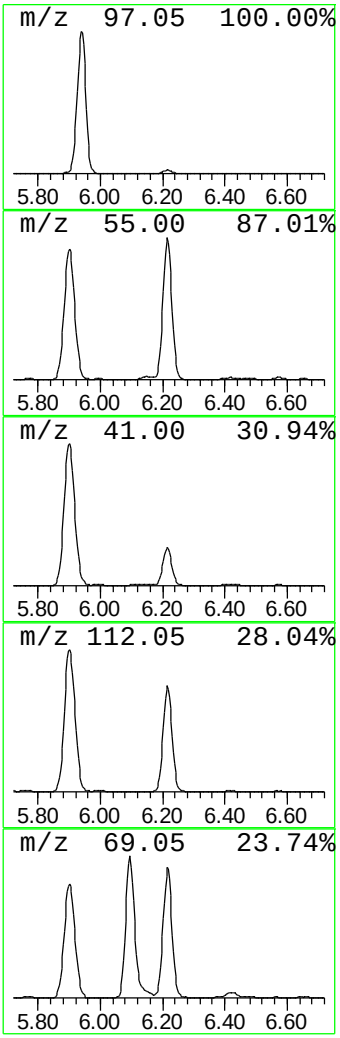
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	33.91 ug/L	454077	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	94
2	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	94
3	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	91
4	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	91
5	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017973.D
Acq On : 13 Aug 2020 15:47
Operator : SY/MD
Sample : L3599-18ME
Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAYA0ME

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

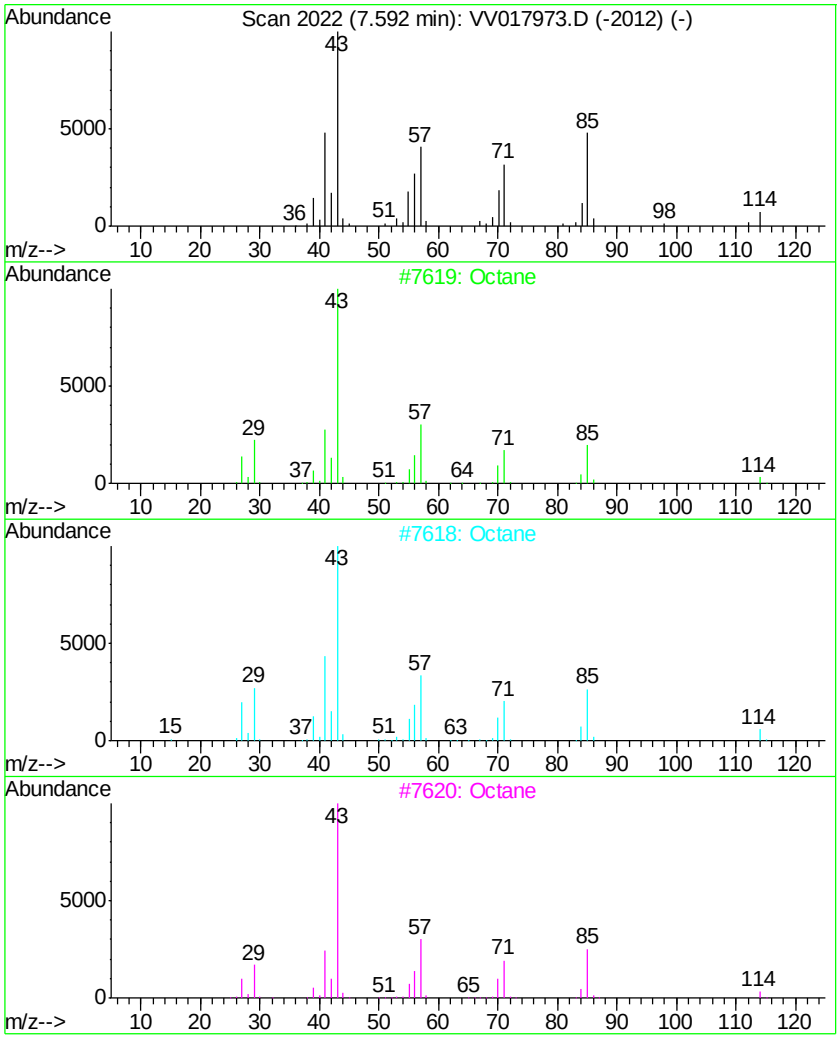
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

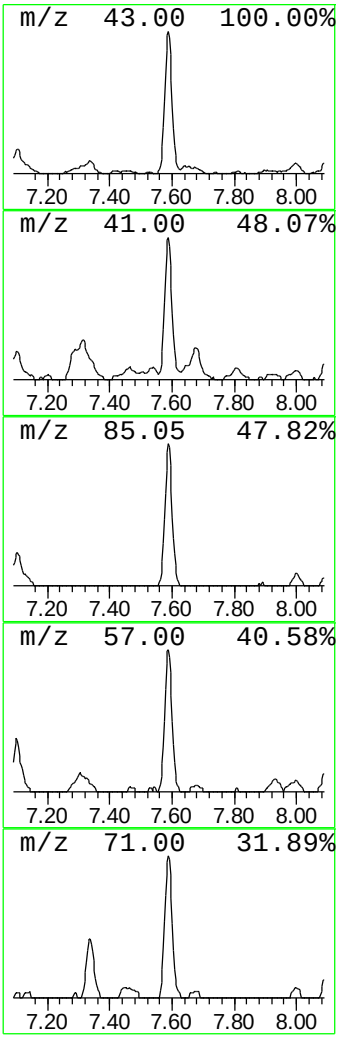
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.85 ug/L	65016	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Octane	114	C8H18	000111-65-9	91
3	Octane	114	C8H18	000111-65-9	87
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	80
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017973.D
Acq On : 13 Aug 2020 15:47
Operator : SY/MD
Sample : L3599-18ME
Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAYA0ME

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

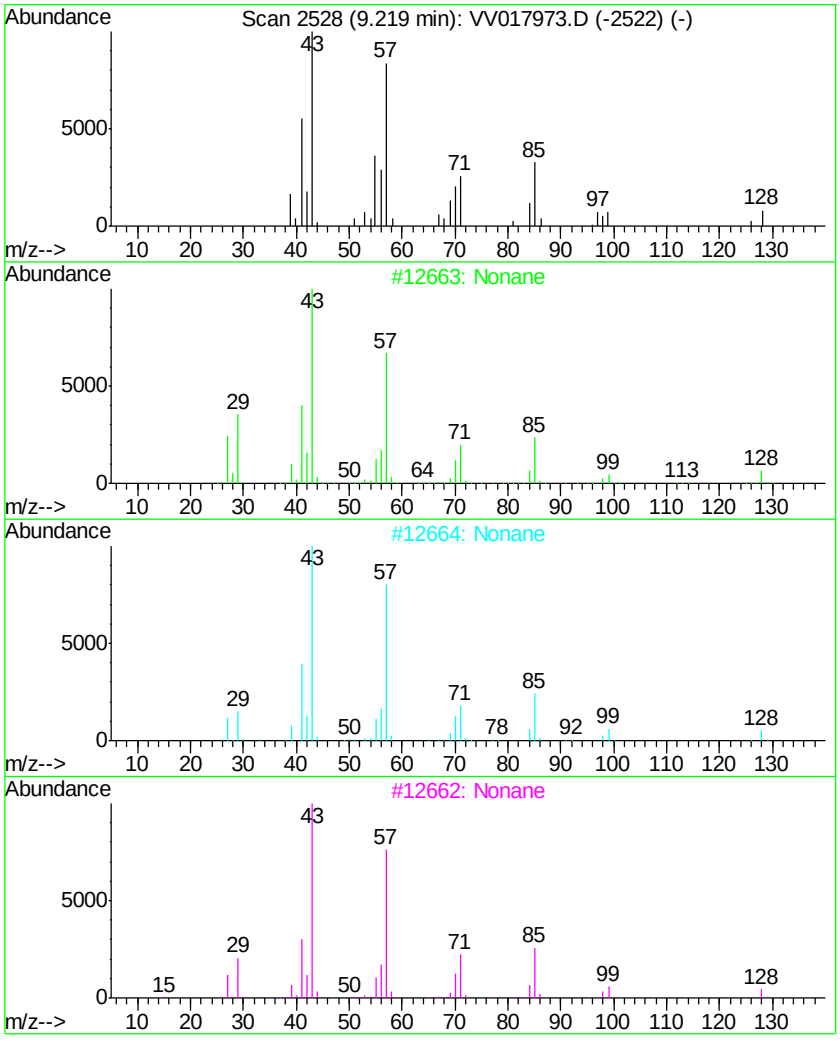
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

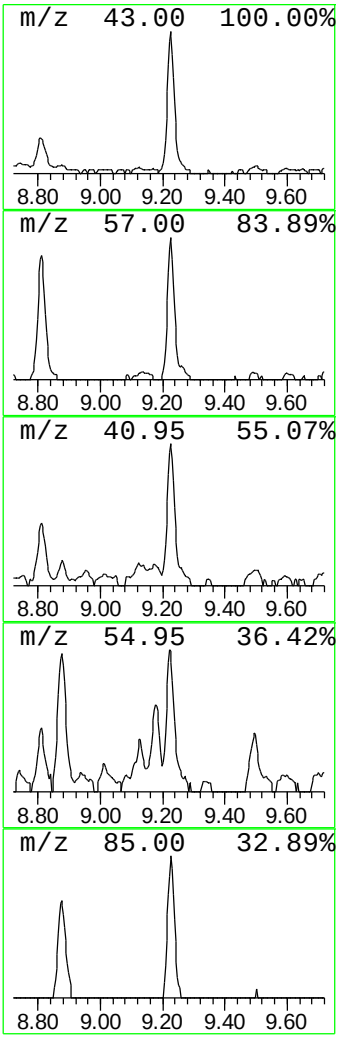
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	2.57 ug/L	43473	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	81
2	Nonane	128	C9H20	000111-84-2	81
3	Nonane	128	C9H20	000111-84-2	81
4	Octane	114	C8H18	000111-65-9	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017973.D
Acq On : 13 Aug 2020 15:47
Operator : SY/MD
Sample : L3599-18ME
Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAYA0ME

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

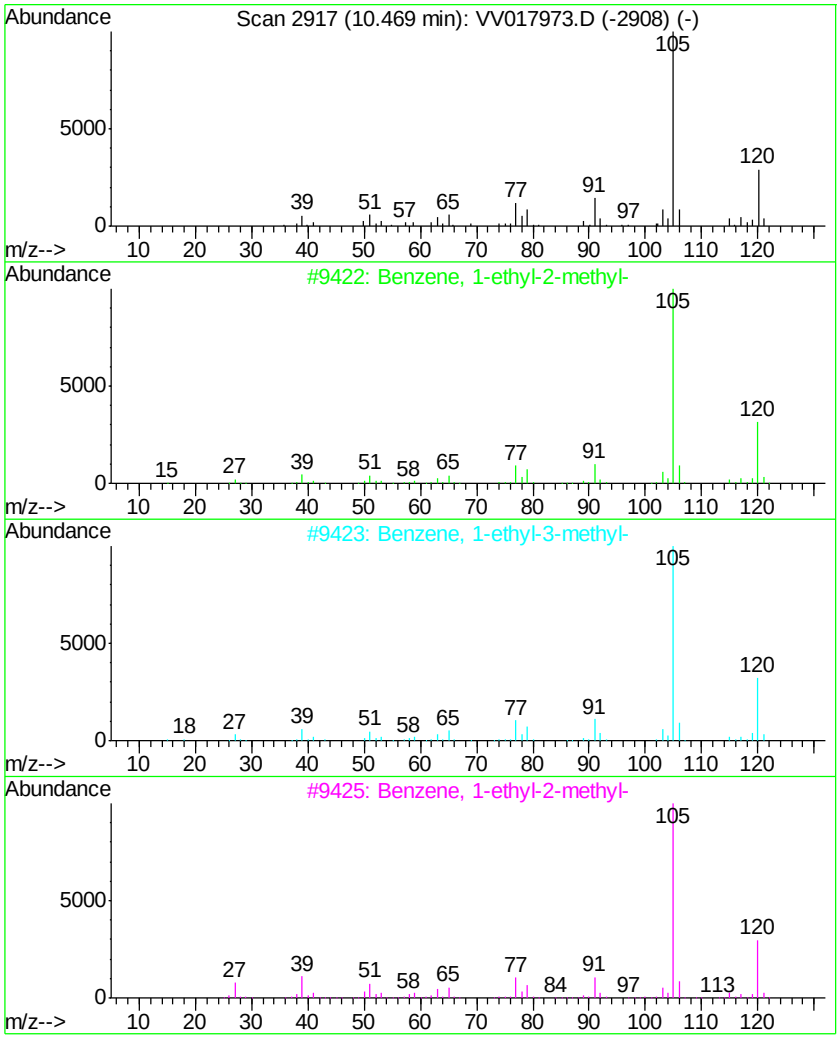
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

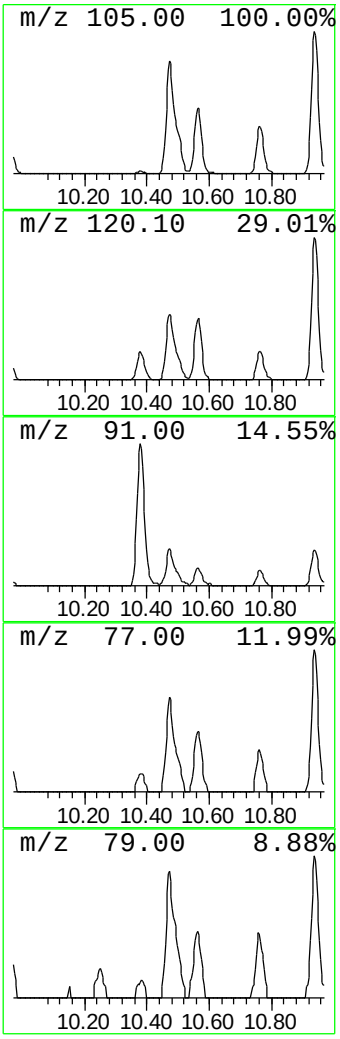
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	4.51 ug/L	76599	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017973.D
Acq On : 13 Aug 2020 15:47
Operator : SY/MD
Sample : L3599-18ME
Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAYA0ME

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

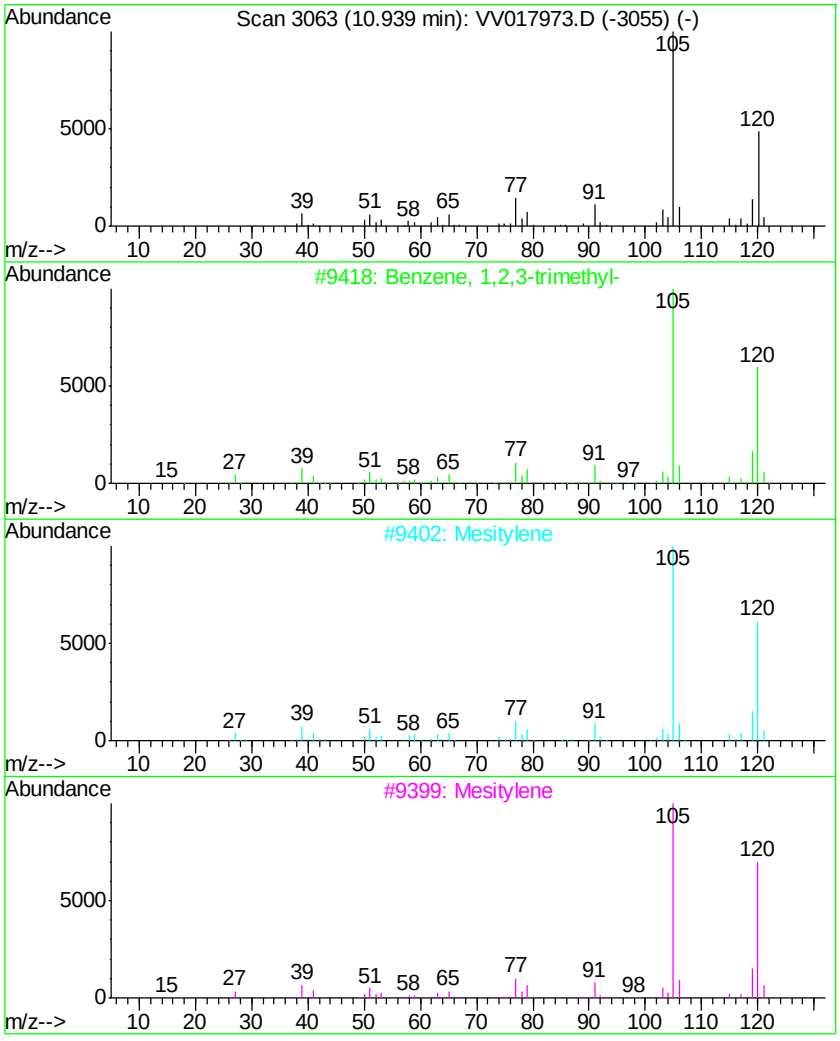
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

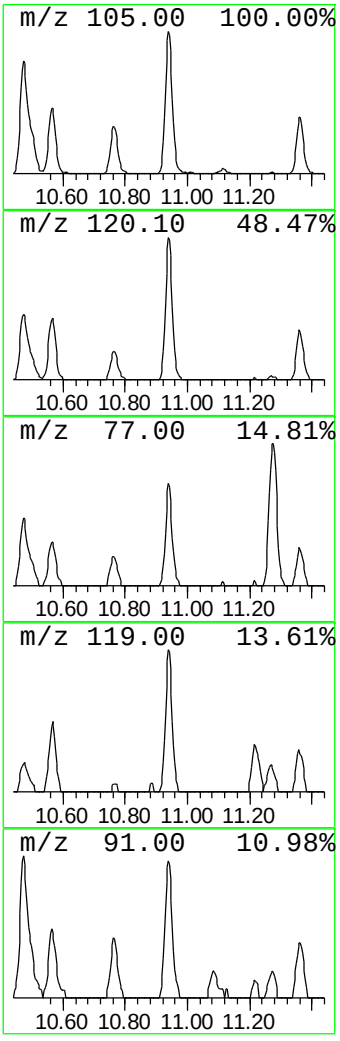
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	5.19 ug/L	88270	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081320\
Data File : VV017973.D
Acq On : 13 Aug 2020 15:47
Operator : SY/MD
Sample : L3599-18ME
Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAYA0ME

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
(DEL) Alkane: Str...	6.22	33.9	ug/L	454077	1	5.64	669588	50.0
(DEL) Alkane: Str...	7.59	3.9	ug/L	65016	2	8.87	845199	50.0
(DEL) Alkane: Str...	9.22	2.6	ug/L	43473	2	8.87	845199	50.0
Benzene, 1-ethyl-...	10.47	4.5	ug/L	76599	3	11.27	850036	50.0
Benzene, 1,2,3-tr...	10.94	5.2	ug/L	88270	3	11.27	850036	50.0