LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072902.D
Acq On : 17 Jun 2022 00:54
Operator : JC\MD
Sample : N3202-06 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-28DL

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_N\methods\82N061622W.M
Title : SW846 8260

Signal : TIC: VN072902.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.287	559	578	595	rBV3	47027	207789	7.94%	0.853%
2	5.540	607	621	634	rBV2	82828	301422	11.52%	1.238%
3	7.240	899	910	926	rBV2	77390	238107	9.10%	0.978%
4	7.951	1020	1031	1036	rBV	494071	1178073	45.04%	4.837%
5	8.016	1036	1042	1058	rVB	641219	1466197	56.06%	6.020%
6	8.369	1092	1102	1112	rBV2	574630	1441091	55.10%	5.917%
7	8.463	1112	1118	1131	rVB	137024	319291	12.21%	1.311%
8	8.898	1183	1192	1204	rBV	942800	1926854	73.67%	7.911%
9	9.345	1262	1268	1275	rBV2	13951	30284	1.16%	0.124%
10	10.133	1396	1402	1404	rBV2	30447	51004	1.95%	0.209%
11	10.169	1405	1408	1419	rVV2	46782	86792	3.32%	0.356%
12	10.375	1435	1443	1449	rBV	1430252	2615572	100.00%	10.739%
13	10.439	1449	1454	1459	rVV	417188	770169	29.45%	3.162%
14	10.486	1459	1462	1470	rVB	59167	101095	3.87%	0.415%
15	10.998	1542	1549	1550	rBV2	20631	33078	1.26%	0.136%
16	11.022	1550	1553	1556	rVV2	33021	57338	2.19%	0.235%
17	11.069	1556	1561	1568	rVV	83568	158267	6.05%	0.650%
18	11.151	1568	1575	1584	rVB7	12677	32136	1.23%	0.132%
19	11.545	1632	1642	1648	rBV3	29803	77640	2.97%	0.319%
20	11.680	1656	1665	1674	rBV	1291901	2305837	88.16%	9.467%
21	11.780	1674	1682	1692	rVB2	74921	173585	6.64%	0.713%
22	11.886	1692	1700	1711	rBV	721634	1418888	54.25%	5.826%
23	12.216	1743	1756	1764	rBV	902448	1561850	59.71%	6.413%
24	12.292	1764	1769	1775	rVV3	17283	31246	1.19%	0.128%
25	12.669	1825	1833	1840	rBV	1118169	1897357	72.54%	7.790%
26	12.780	1848	1852	1857	rVB4	19386	31428	1.20%	0.129%
27	12.916	1870	1875	1879	rBV	208289	343953	13.15%	1.412%
28	12.992	1884	1888	1897	rVB	306898	493194	18.86%	2.025%
29	13.157	1905	1916	1925	rBV	277368	459554	17.57%	1.887%
30	13.304	1928	1941	1949	rBV	380232	656765	25.11%	2.697%
31	13.610	1985	1993	2009	rBV2	1031843	2472016	94.51%	10.150%
32	13.810	2021	2027	2031	rBV	168841	293183	11.21%	1.204%
33	13.998	2054	2059	2065	rVB3	22850	39635	1.52%	0.163%
34	14.063	2065	2070	2073	rBV2	31229	51470	1.97%	0.211%
35	14.092	2073	2075	2079	rVV2	28735	39490	1.51%	0.162%
36	14.151	2079	2085	2091	rVV	63451	102150	3.91%	0.419%

LSC Area Percent Report

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Instrument :
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MW-28DL

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Title : SW846 8260

37	14.263	2099	2104	2112	rVB	61593	108193	4.14%	0.444%
38	14.392	2122	2126	2133	rVB2	28418	44544	1.70%	0.183%
39	14.468	2133	2139	2143	rBV	51625	88761	3.39%	0.364%
40	14.516	2143	2147	2151	rVB	73320	113875	4.35%	0.468%
41	14.745	2180	2186	2190	rBV	32767	54536	2.09%	0.224%
42	14.863	2198	2206	2212	rBV2	116419	238387	9.11%	0.979%
43	15.015	2226	2232	2240	rBV4	24030	47407	1.81%	0.195%
44	15.233	2262	2269	2276	rVB5	15561	35595	1.36%	0.146%
45	15.427	2296	2302	2310	rVB	67295	126762	4.85%	0.520%
46	16.733	2518	2524	2532	rVB8	13639	33936	1.30%	0.139%

Sum of corrected areas: 24355796

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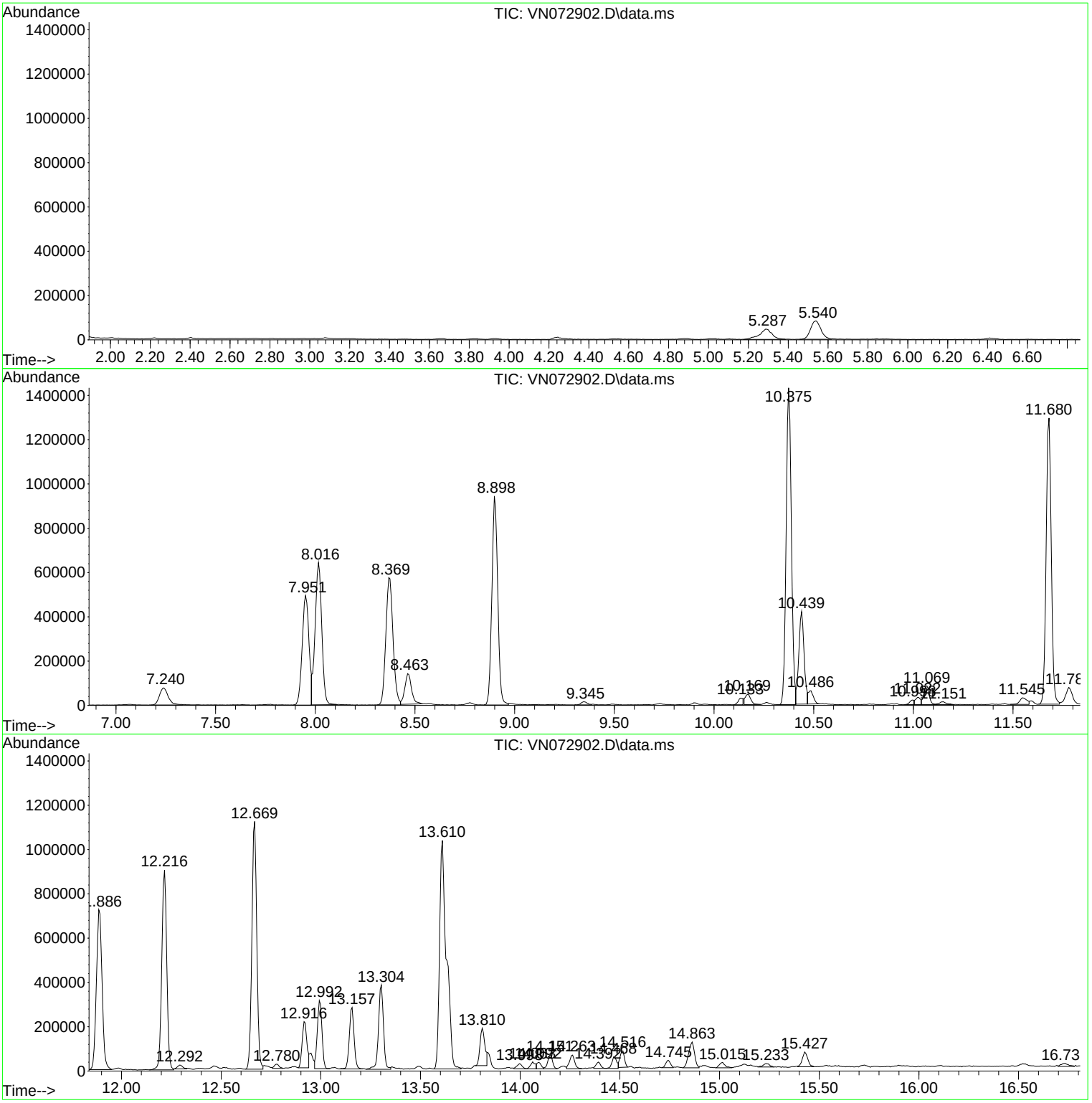
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

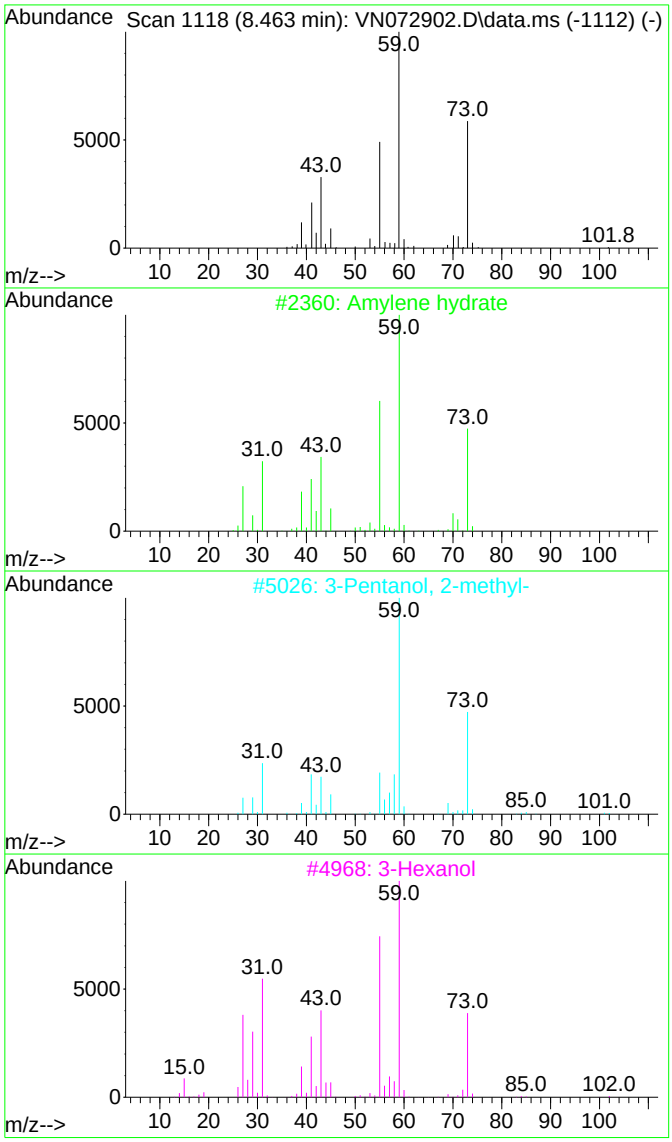
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

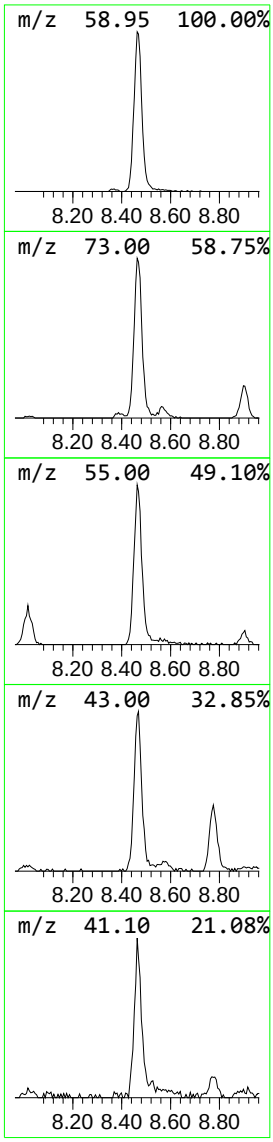
****

Peak Number 1 Amylene hydrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.463	8.29 ug/l	319291	1,4-Difluorobenzene	8.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	83
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	72
3	3-Hexanol	102	C6H14O	000623-37-0	56
4	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	53
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	52





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MSVOA_N
ClientSampleId :
MW-28DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

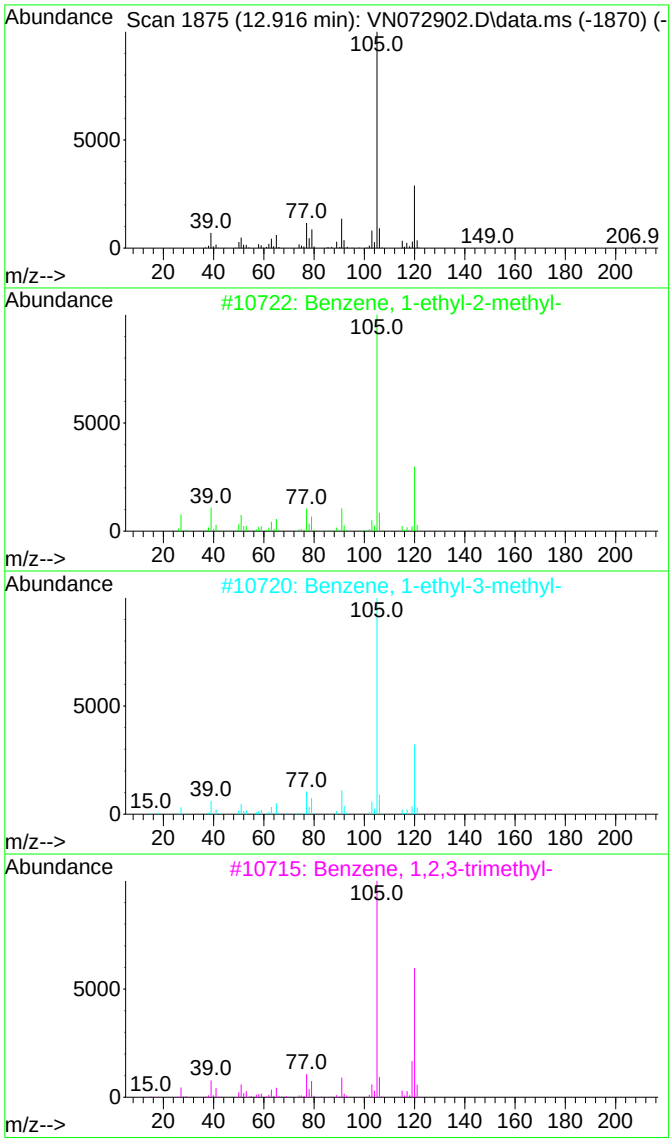
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

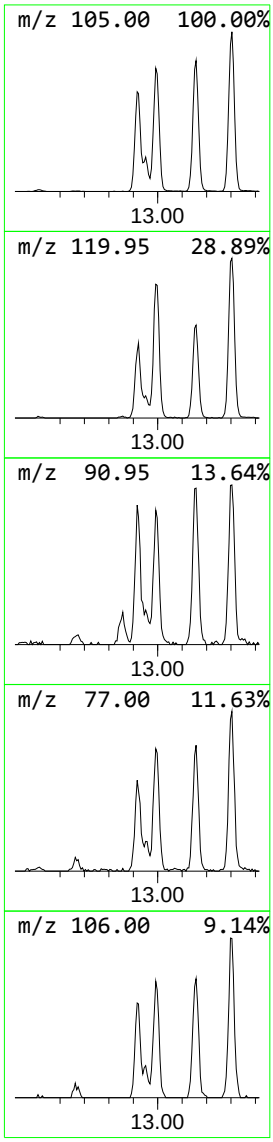
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	6.96 ug/l	343953	1,4-Dichlorobenzene-d4	13.610

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Instrument :
MSVOA_N
ClientSampleId :
MW-28DL

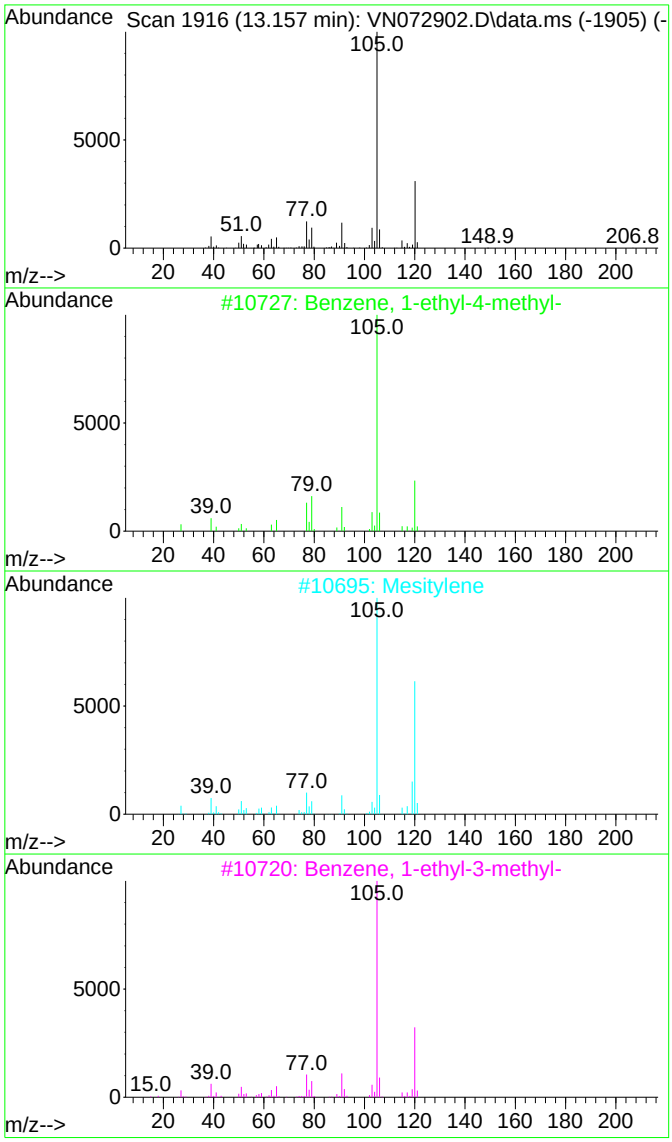
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

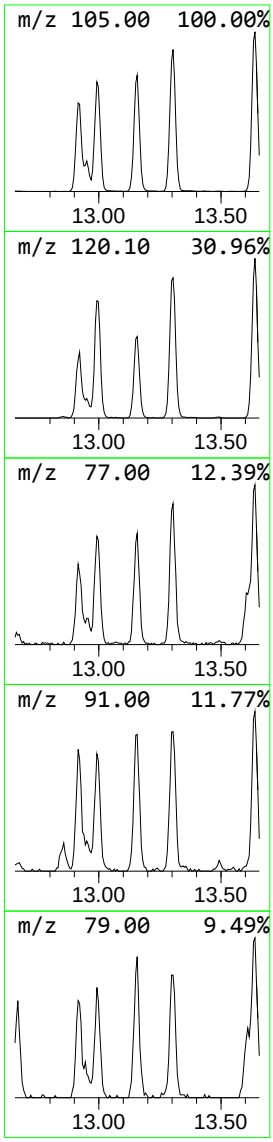
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	9.30 ug/l	459554	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Instrument :
MSVOA_N
ClientSampleId :
MW-28DL

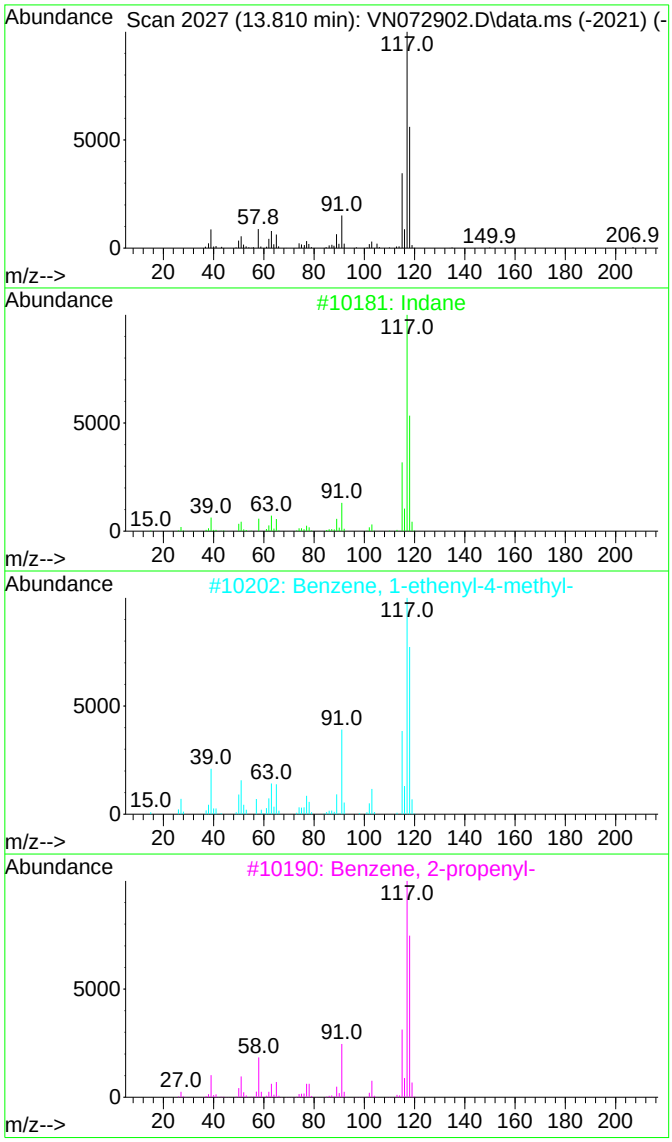
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260

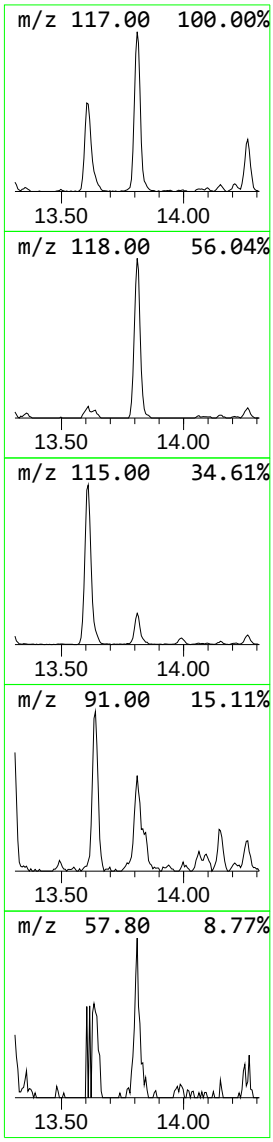
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	5.93 ug/l	293183	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	87
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Amylene hydrate	8.463	8.3	ug/l	319291	2	8.898	1926850	50.0
Benzene, 1-ethy...	12.916	7.0	ug/l	343953	4	13.610	2472020	50.0
Benzene, 1-ethy...	13.157	9.3	ug/l	459554	4	13.610	2472020	50.0
Indane	13.810	5.9	ug/l	293183	4	13.610	2472020	50.0