LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
Data File : VN074272.D
Acq On : 02 Sep 2022 04:08
Operator : JC\MD
Sample : N4354-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-24

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\82N083022W.M
Title : SW846 8260

Signal : TIC: VN074272.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.698	136	138	143	rVB5	13926	22216	1.79%	0.239%
2	3.210	223	225	234	rVB4	8505	16428	1.32%	0.177%
3	5.528	608	619	620	rBV4	21772	41828	3.37%	0.450%
4	7.951	1020	1031	1036	rBV	168933	404050	32.58%	4.345%
5	8.016	1036	1042	1053	rVV	267033	633397	51.08%	6.811%
6	8.104	1053	1057	1068	rVB7	13639	31681	2.55%	0.341%
7	8.369	1093	1102	1116	rBV2	192194	454556	36.65%	4.888%
8	8.904	1184	1193	1201	rBV	455175	920212	74.20%	9.895%
9	9.957	1366	1372	1378	rVB4	11369	23813	1.92%	0.256%
10	10.380	1436	1444	1453	rBV	661530	1240114	100.00%	13.335%
11	10.580	1473	1478	1484	rVB7	7964	15966	1.29%	0.172%
12	10.798	1507	1515	1524	rVB2	21835	43246	3.49%	0.465%
13	11.192	1578	1582	1588	rVB4	9948	14700	1.19%	0.158%
14	11.686	1656	1666	1674	rBV	663910	1193262	96.22%	12.831%
15	12.668	1826	1833	1845	rVB	535402	917678	74.00%	9.868%
16	12.857	1861	1865	1873	rVB3	11156	21787	1.76%	0.234%
17	13.427	1955	1962	1968	rBV5	23036	56526	4.56%	0.608%
18	13.610	1985	1993	2006	rBV	660498	1127489	90.92%	12.124%
19	13.774	2015	2021	2025	rBV	110247	178430	14.39%	1.919%
20	13.815	2025	2028	2031	rVV	47509	72767	5.87%	0.782%
21	13.857	2031	2035	2044	rVB6	44755	106128	8.56%	1.141%
22	13.939	2044	2049	2054	rVB3	21065	33361	2.69%	0.359%
23	14.009	2054	2061	2066	rBV	29132	47454	3.83%	0.510%
24	14.074	2066	2072	2075	rBV4	8922	14882	1.20%	0.160%
25	14.157	2080	2086	2091	rVB3	36104	57131	4.61%	0.614%
26	14.215	2091	2096	2100	rBV4	35520	63479	5.12%	0.683%
27	14.268	2100	2105	2112	rVB	99118	169931	13.70%	1.827%
28	14.398	2123	2127	2132	rBV4	13429	19704	1.59%	0.212%
29	14.474	2134	2140	2145	rVV	163907	275825	22.24%	2.966%
30	14.515	2145	2147	2151	rVV2	40048	49552	4.00%	0.533%
31	14.557	2151	2154	2157	rVV3	16440	26039	2.10%	0.280%
32	14.592	2157	2160	2169	rVV3	12986	23357	1.88%	0.251%
33	14.698	2171	2178	2183	rVV3	20620	38515	3.11%	0.414%
34	14.751	2183	2187	2191	rVV5	18849	36462	2.94%	0.392%
35	14.786	2191	2193	2199	rVB5	11190	18488	1.49%	0.199%
36	14.862	2199	2206	2212	rBV5	33193	75090	6.06%	0.807%

LSC Area Percent Report

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ALS Vial : 47 Sample Multiplier: 1

Instrument :
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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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Peak separation: 5

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Title : SW846 8260

37	14.921	2212	2216	2222	rVB3	20221	43562	3.51%	0.468%
38	15.127	2243	2251	2256	rBV5	93283	200408	16.16%	2.155%
39	15.168	2256	2258	2262	rVV4	41425	58640	4.73%	0.631%
40	15.245	2264	2271	2280	rVB4	104238	245570	19.80%	2.641%
41	15.539	2317	2321	2326	rBV7	16584	34332	2.77%	0.369%
42	15.598	2329	2331	2336	rVB5	11893	14822	1.20%	0.159%
43	15.727	2346	2353	2360	rBV3	44054	88687	7.15%	0.954%
44	15.898	2374	2382	2387	rBV7	22215	50807	4.10%	0.546%
45	16.027	2398	2404	2410	rBV7	10675	19197	1.55%	0.206%
46	16.109	2410	2418	2425	rVB5	20212	44446	3.58%	0.478%
47	16.251	2438	2442	2449	rVB8	5601	13925	1.12%	0.150%

Sum of corrected areas: 9299940

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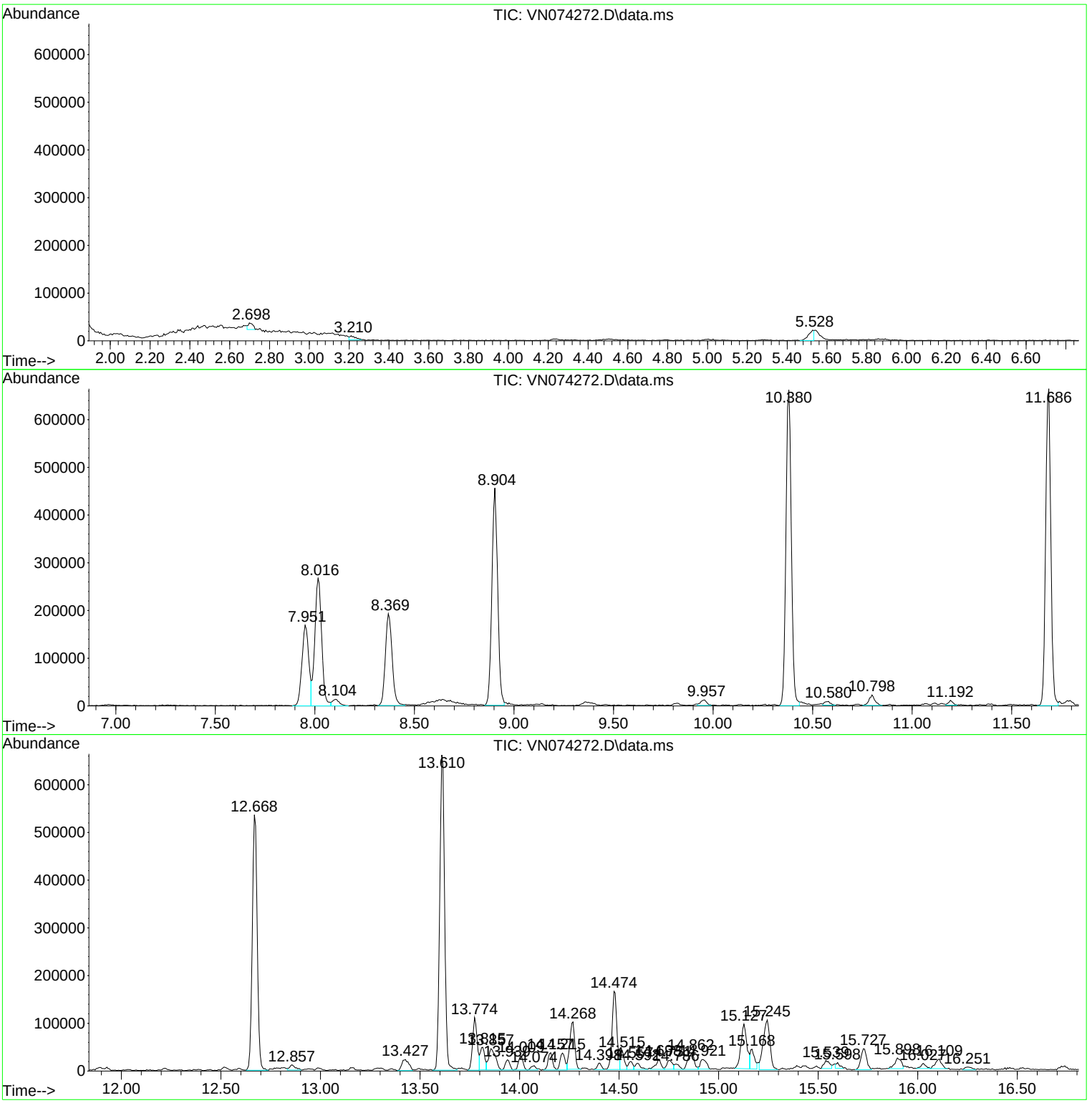
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260

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



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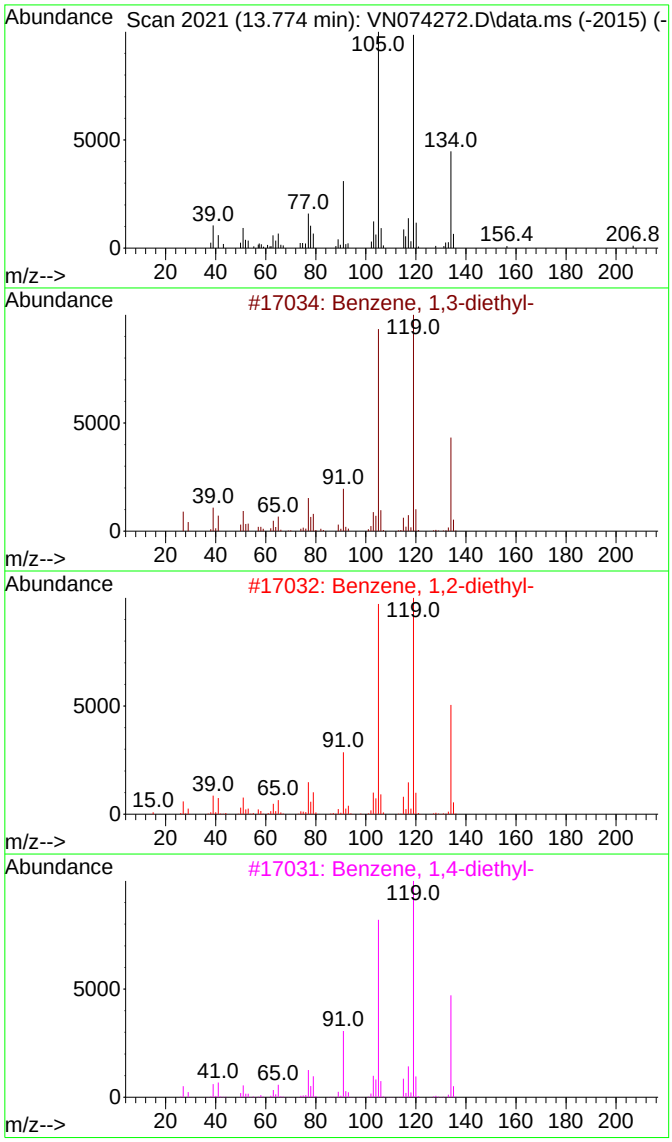
Quant Title : SW846 8260

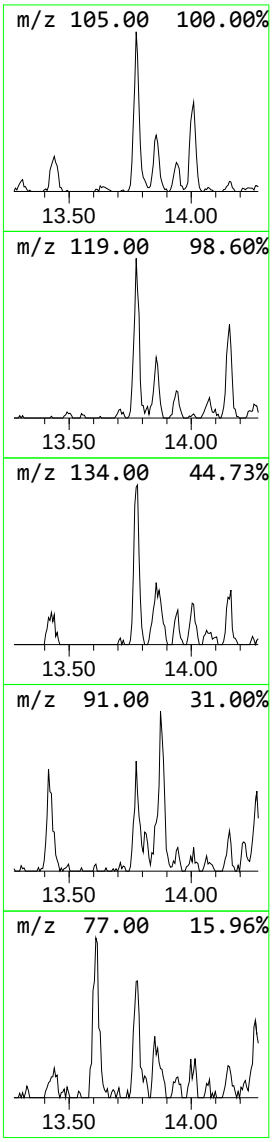
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	7.91 ug/l	178430	1,4-Dichlorobenzene-d4	13.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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MSVOA_N
ClientSampleId :
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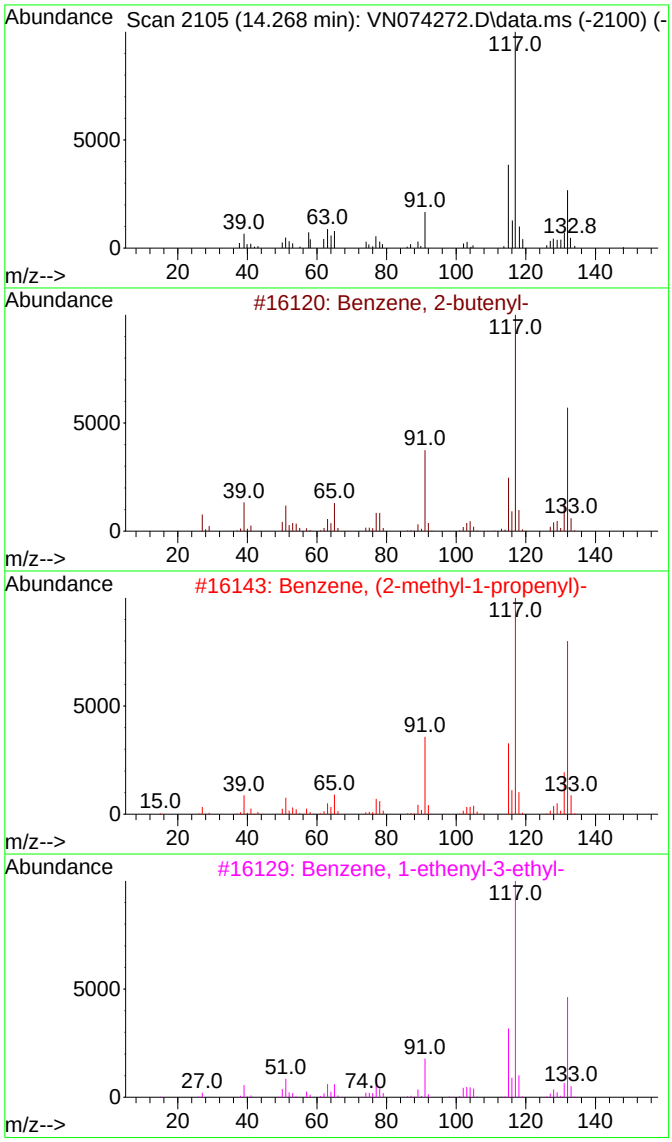
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260

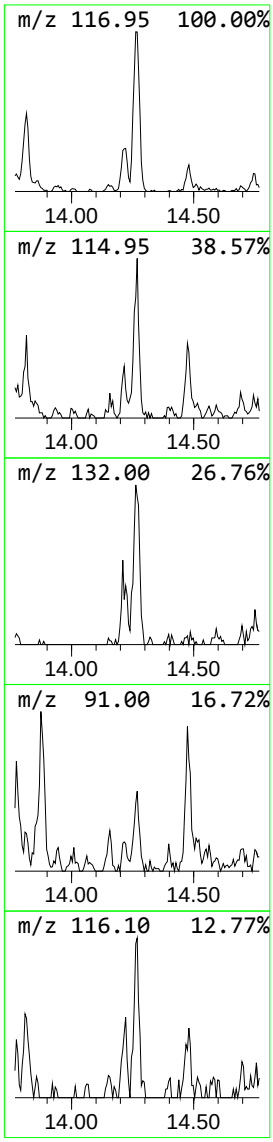
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2-butenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.268	7.54 ug/l	169931	1,4-Dichlorobenzene-d4	13.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	78
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	68





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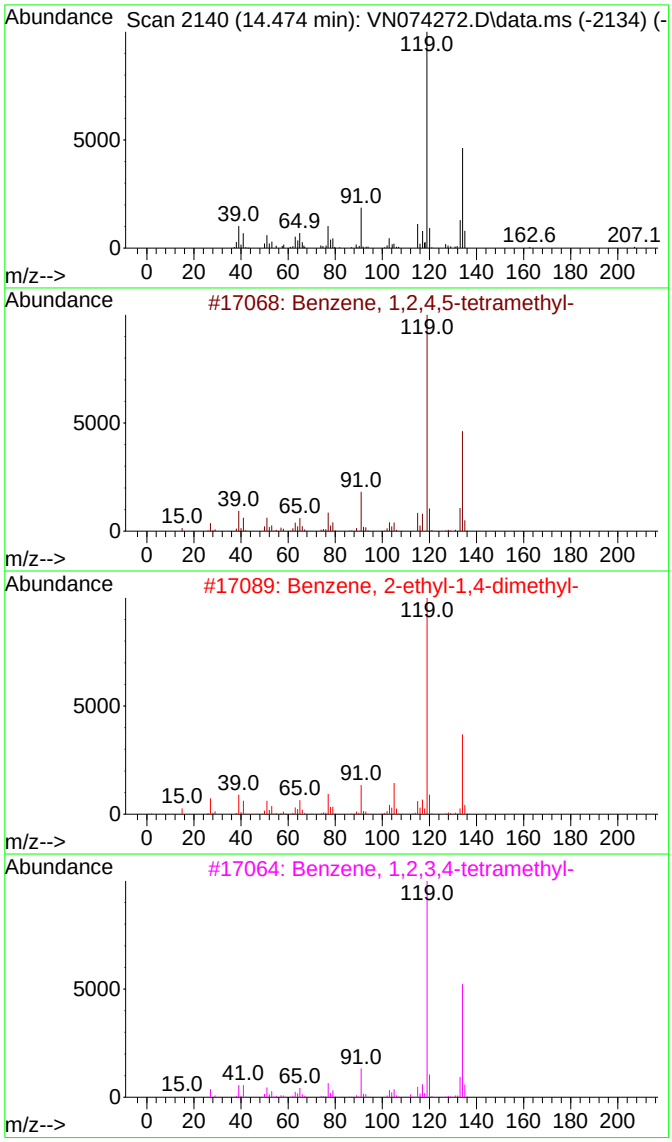
Quant Title : SW846 8260

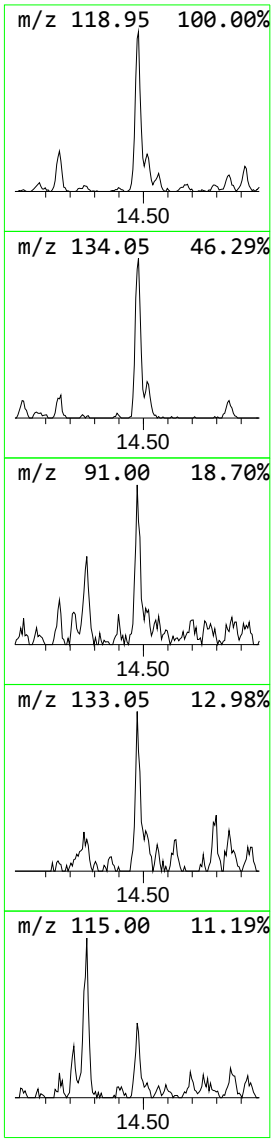
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.474	12.23 ug/l	275825	1,4-Dichlorobenzene-d4	13.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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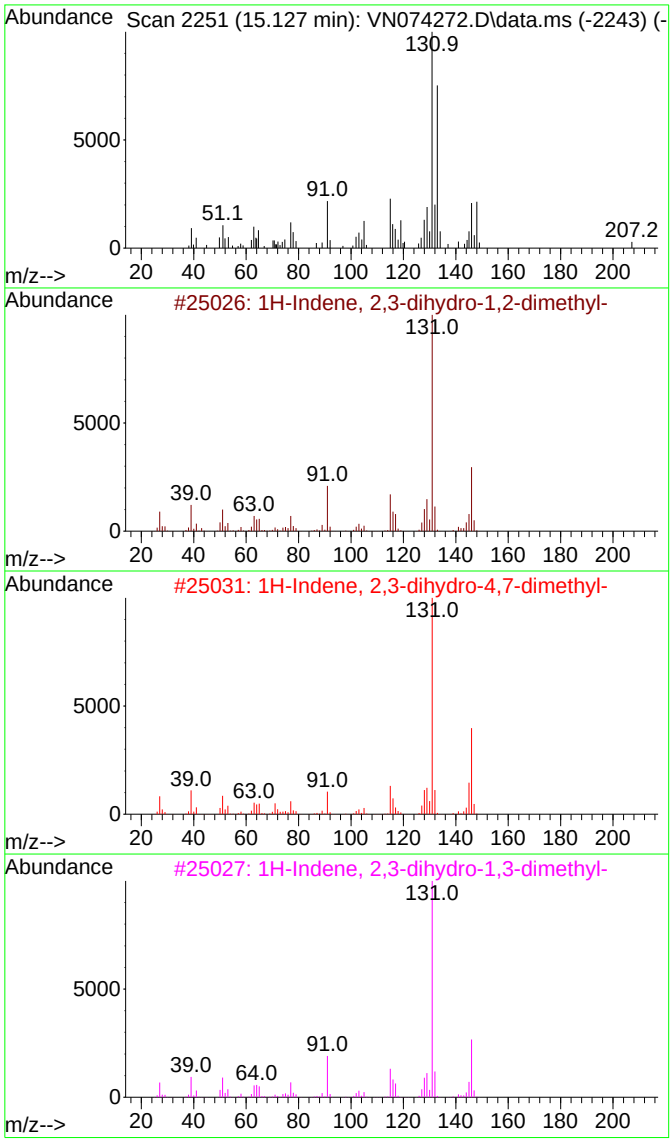
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260

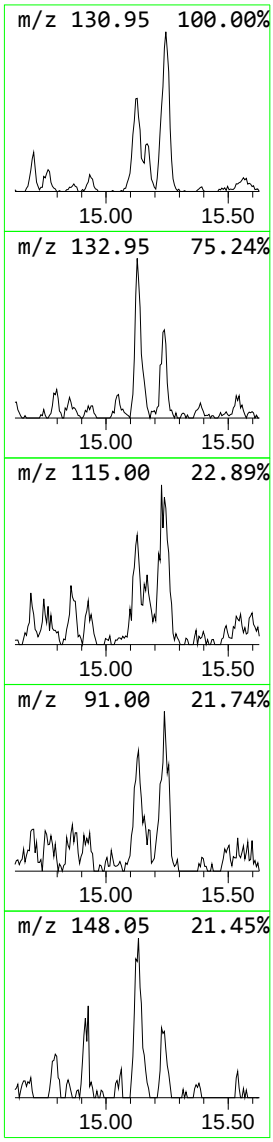
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	8.89 ug/l	200408	1,4-Dichlorobenzene-d4	13.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	50
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50





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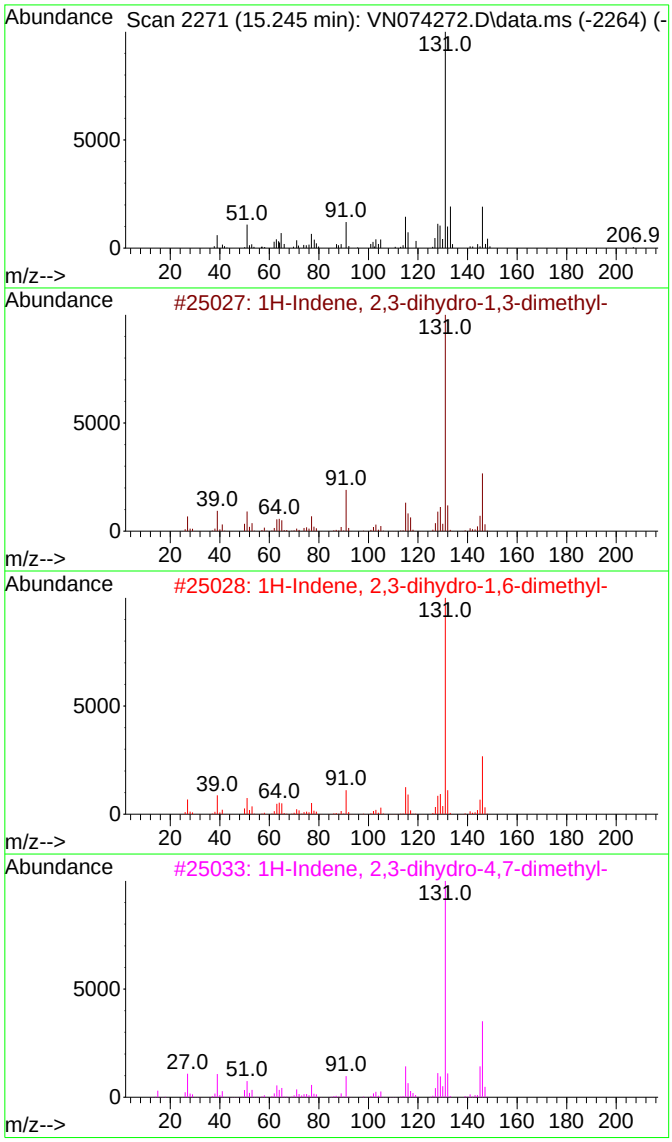
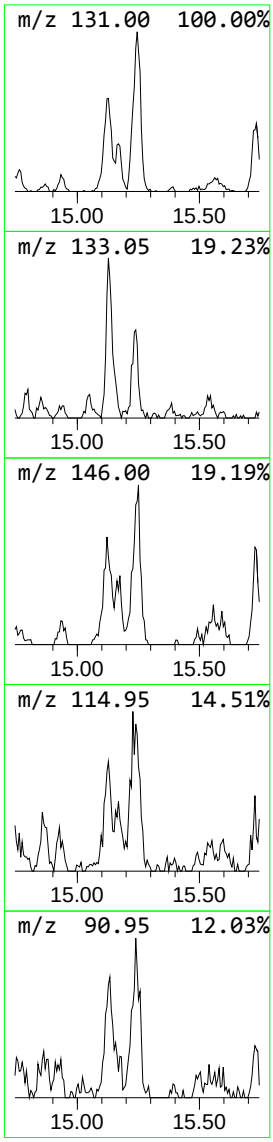
****
Peak Number 5 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	10.89 ug/l	245570	1,4-Dichlorobenzene-d4	13.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-di...	13.774	7.9	ug/l	178430	4	13.615	1127490	50.0
Benzene, 2-bute...	14.268	7.5	ug/l	169931	4	13.615	1127490	50.0
Benzene, 1,2,4,...	14.474	12.2	ug/l	275825	4	13.615	1127490	50.0
1H-Indene, 2,3-...	15.127	8.9	ug/l	200408	4	13.615	1127490	50.0
1H-Indene, 2,3-...	15.245	10.9	ug/l	245570	4	13.615	1127490	50.0