LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101420\
Data File : VD067269.D
Acq On : 14 Oct 2020 14:22
Operator : VA/SY
Sample : L4404-01
Misc : 7.49G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SHELL-L15-L14-NORTH

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_D\METHOD\82D101320S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.920	1009	1020	1025	rBV	247544	592652	29.96%	3.945%
2	7.985	1025	1031	1042	rVB	409741	926236	46.82%	6.166%
3	8.332	1081	1090	1101	rBV	207733	468313	23.67%	3.117%
4	8.867	1171	1181	1192	rBV2	592645	1190185	60.16%	7.923%
5	10.344	1424	1432	1440	rBV	916392	1627590	82.27%	10.834%
6	11.649	1647	1654	1663	rBV	826473	1400938	70.81%	9.325%
7	11.749	1663	1671	1682	rVV	248056	432528	21.86%	2.879%
8	11.855	1682	1689	1703	rVB2	134290	263117	13.30%	1.751%
9	12.185	1736	1745	1752	rBV	121229	209384	10.58%	1.394%
10	12.485	1789	1796	1803	rBV2	95100	171565	8.67%	1.142%
11	12.638	1814	1822	1832	rVB	628558	1070575	54.11%	7.126%
12	12.826	1844	1854	1860	rBV	29028	56618	2.86%	0.377%
13	12.890	1860	1865	1868	rBV	90784	151942	7.68%	1.011%
14	12.920	1868	1870	1873	rVV	48422	67769	3.43%	0.451%
15	12.967	1873	1878	1884	rVB	148369	263993	13.34%	1.757%
16	13.126	1900	1905	1912	rVB2	42698	79754	4.03%	0.531%
17	13.273	1924	1930	1940	rBV	365259	603992	30.53%	4.020%
18	13.408	1947	1953	1954	rBV5	17737	27259	1.38%	0.181%
19	13.467	1956	1963	1970	rVV8	38871	116161	5.87%	0.773%
20	13.585	1976	1983	1992	rBV2	725229	1369830	69.24%	9.118%
21	13.649	1992	1994	2003	rVB2	37749	57981	2.93%	0.386%
22	13.785	2005	2017	2031	rBV	1140593	1978413	100.00%	13.169%
23	13.902	2032	2037	2042	rVB3	38889	56869	2.87%	0.379%
24	13.973	2042	2049	2054	rBV7	25587	52775	2.67%	0.351%
25	14.037	2056	2060	2062	rBV2	20235	29712	1.50%	0.198%
26	14.126	2070	2075	2079	rVB3	34085	59072	2.99%	0.393%
27	14.237	2088	2094	2099	rVB4	30870	49585	2.51%	0.330%
28	14.290	2099	2103	2110	rVB9	10036	20601	1.04%	0.137%
29	14.420	2121	2125	2127	rVV5	17447	31582	1.60%	0.210%
30	14.449	2127	2130	2133	rVV2	25792	42869	2.17%	0.285%
31	14.490	2133	2137	2142	rVV2	33414	52719	2.66%	0.351%
32	14.726	2171	2177	2179	rBV2	34345	51803	2.62%	0.345%
33	14.761	2179	2183	2188	rVB3	44218	65052	3.29%	0.433%
34	14.843	2189	2197	2201	rBV3	59894	137950	6.97%	0.918%

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Title : SW846 8260

35	14.884	2201	2204	2215	rVB8	27775	73616	3.72%	0.490%
36	14.990	2218	2222	2228	rBV6	31578	59796	3.02%	0.398%
37	15.055	2228	2233	2235	rBV7	12395	21308	1.08%	0.142%
38	15.214	2256	2260	2267	rVB6	21082	41672	2.11%	0.277%
39	15.408	2282	2293	2300	rBV	239891	518210	26.19%	3.449%
40	15.608	2323	2327	2335	rVB5	36552	71453	3.61%	0.476%
41	15.702	2336	2343	2344	rBV7	17055	24602	1.24%	0.164%
42	15.790	2353	2358	2364	rVB9	14990	28366	1.43%	0.189%
43	15.926	2376	2381	2391	rVB10	15883	36768	1.86%	0.245%
44	16.084	2401	2408	2412	rBV9	15715	31652	1.60%	0.211%
45	16.237	2426	2434	2439	rBV9	19421	48777	2.47%	0.325%
46	16.355	2451	2454	2460	rVB8	16881	27012	1.37%	0.180%
47	16.431	2465	2467	2474	rVV7	14992	28396	1.44%	0.189%
48	16.508	2474	2480	2487	rVV4	41457	92233	4.66%	0.614%
49	16.567	2487	2490	2495	rVB6	13430	25395	1.28%	0.169%
50	16.714	2507	2515	2522	rBV3	50287	116194	5.87%	0.773%

Sum of corrected areas: 15022834

LSC Report - Integrated Chromatogram

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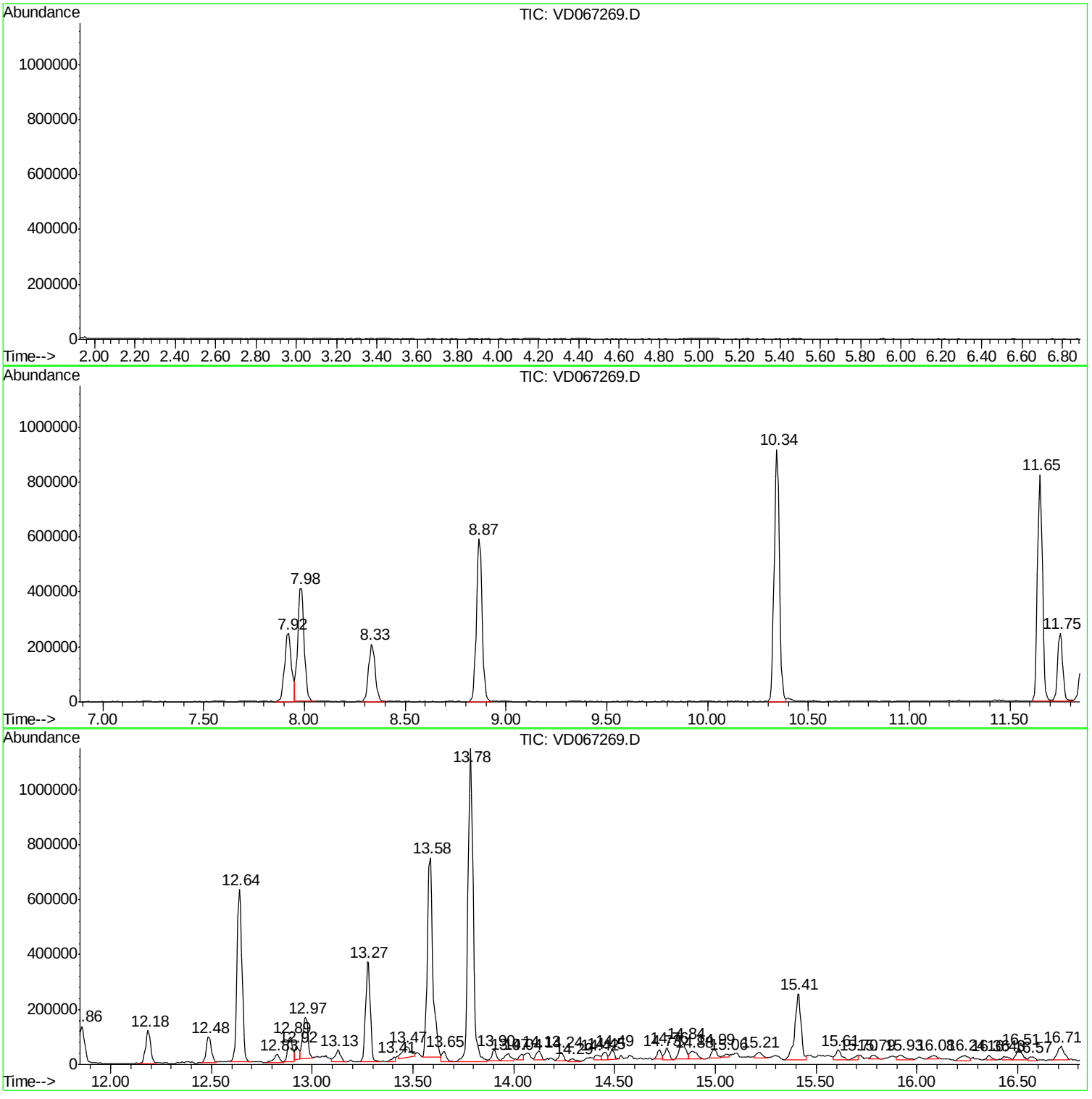
Sample : L4404-01
Misc : 7.49G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SHELL-L15-L14-NORTH

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101420\
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Quant Title : SW846 8260

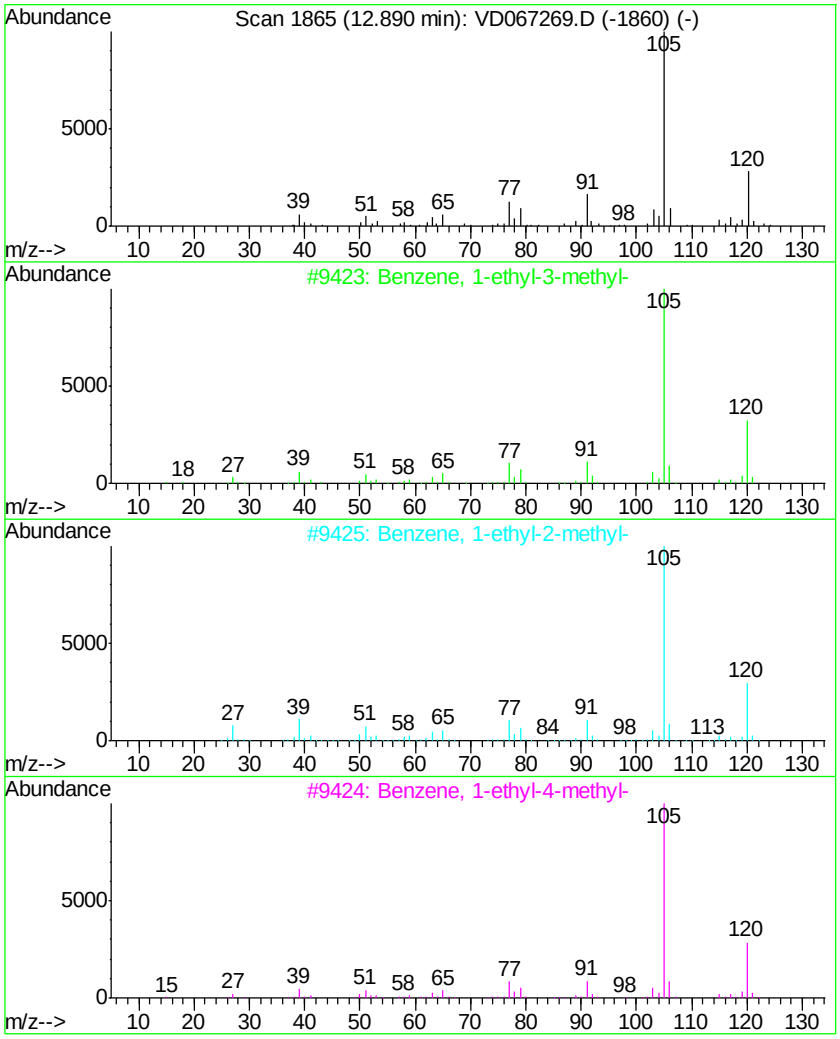
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

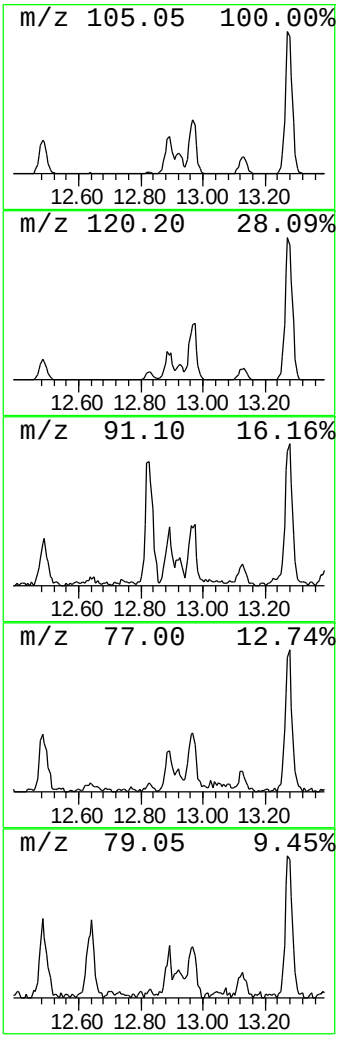
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	5.55 ug/l	151942	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Mesitylene	120	C9H12	000108-67-8	87





Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SHELL-L15-L14-NORTH

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260

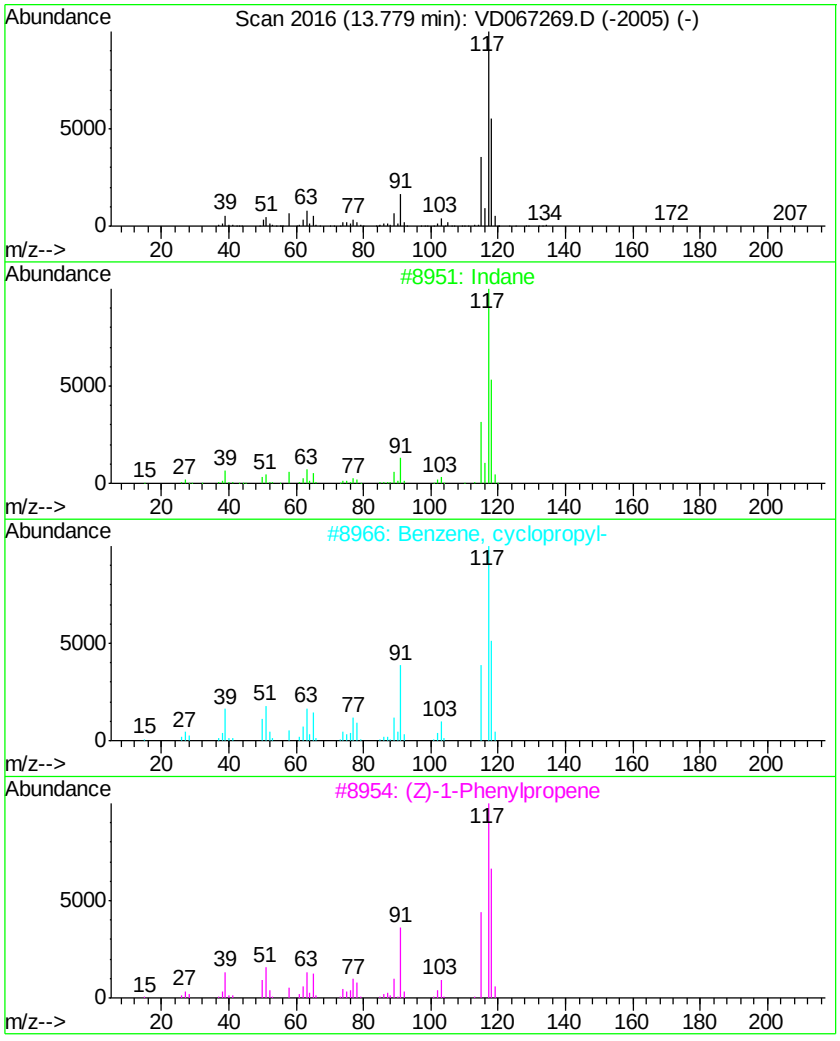
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

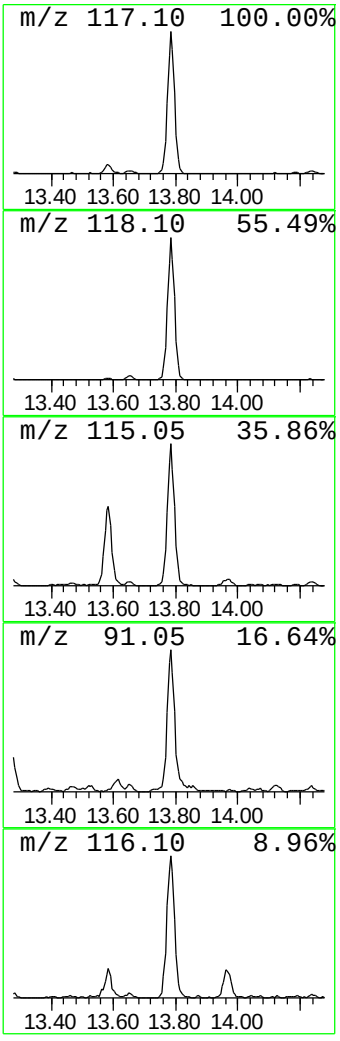
****

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	72.21 ug/l	1978410	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	83
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
5	Deltacyclene	118	C9H10	007785-10-6	80





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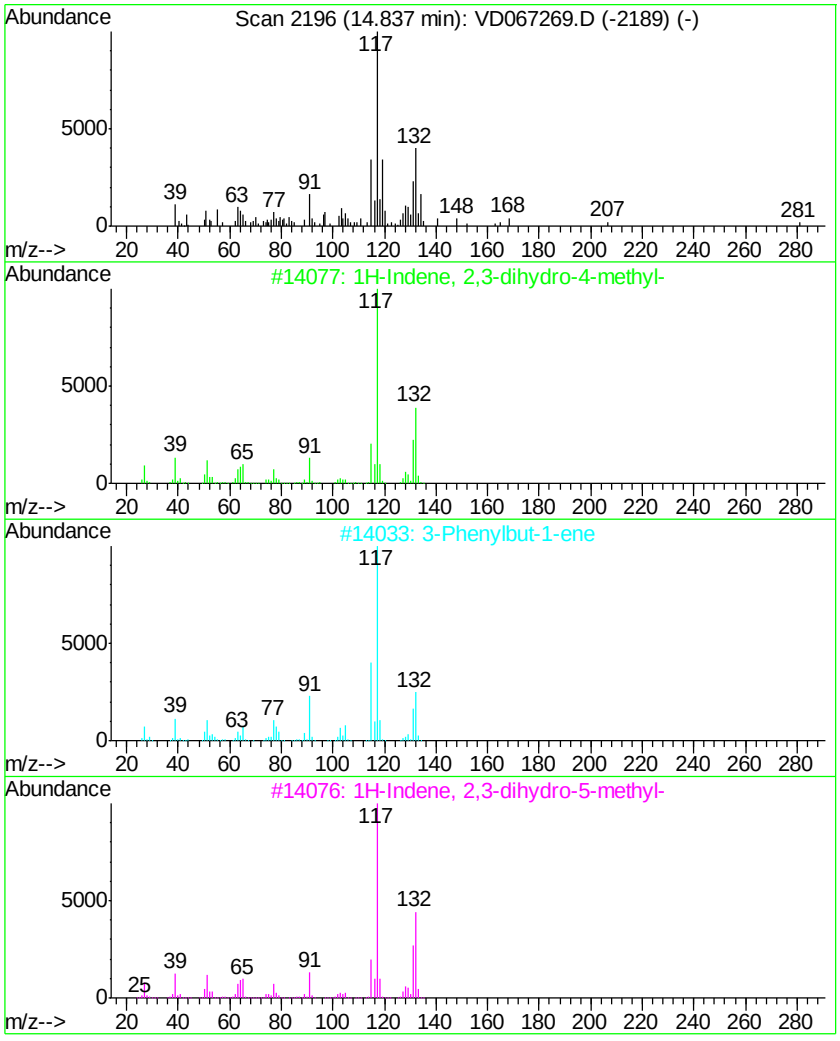
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260

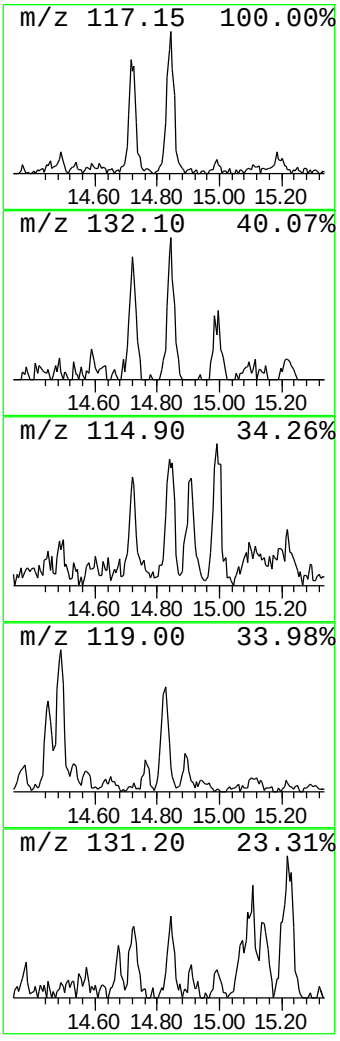
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	5.04 ug/l	137950	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	81
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	76





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	12.89	5.5	ug/l	151942	4	13.58	1369830	50.0
Indane	13.78	72.2	ug/l	1978410	4	13.58	1369830	50.0
1H-Indene, 2,3-di...	14.84	5.0	ug/l	137950	4	13.58	1369830	50.0