LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027640.D
Acq On : 23 Mar 2022 02:33
Operator : JC/MD
Sample : N2062-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5

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_X\Method\82X031722W.M
Title : SW846 8260

Signal : TIC: VX027640.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.246	20	26	42	rBV	29648	74090	4.46%	0.603%
2	2.538	230	238	247	rBV	11382	21775	1.31%	0.177%
3	5.391	693	706	722	rBV	201543	591346	35.63%	4.816%
4	5.556	722	733	753	rVB	346344	982480	59.19%	8.001%
5	5.958	789	799	816	rBV	194828	515912	31.08%	4.202%
6	6.763	921	931	949	rBV	518144	1215438	73.23%	9.899%
7	8.653	1234	1241	1252	rBV	1048081	1659808	100.00%	13.518%
8	10.055	1465	1471	1480	rBV	1101772	1455921	87.72%	11.857%
9	11.085	1634	1640	1646	rBV	910073	1133059	68.26%	9.228%
10	11.890	1769	1772	1777	rVB	17120	23745	1.43%	0.193%
11	12.024	1788	1794	1800	rBV	1142281	1386202	83.52%	11.289%
12	12.177	1814	1819	1825	rVB	22413	30456	1.83%	0.248%
13	12.250	1825	1831	1835	rBV	162195	206591	12.45%	1.683%
14	12.317	1835	1842	1849	rVB	40631	59236	3.57%	0.482%
15	12.646	1891	1896	1901	rBV	112183	140126	8.44%	1.141%
16	12.701	1901	1905	1912	rVV2	90845	131463	7.92%	1.071%
17	12.841	1919	1928	1933	rVB2	40681	66021	3.98%	0.538%
18	13.030	1955	1959	1965	rVB3	43764	66205	3.99%	0.539%
19	13.140	1965	1977	1980	rBV	46651	73236	4.41%	0.596%
20	13.195	1980	1986	1991	rVB2	31077	48379	2.91%	0.394%
21	13.292	1998	2002	2007	rVB	43436	59857	3.61%	0.487%
22	13.347	2007	2011	2015	rBV	23807	32459	1.96%	0.264%
23	13.396	2015	2019	2021	rBV3	17074	23841	1.44%	0.194%
24	13.426	2021	2024	2032	rVB5	20461	37922	2.28%	0.309%
25	13.506	2032	2037	2040	rBV4	11649	19022	1.15%	0.155%
26	13.542	2040	2043	2047	rVV	24533	33415	2.01%	0.272%
27	13.585	2047	2050	2053	rVV	33921	46461	2.80%	0.378%
28	13.621	2053	2056	2057	rVV	44054	50464	3.04%	0.411%
29	13.664	2060	2063	2073	rVV	147806	203886	12.28%	1.660%
30	13.756	2074	2078	2081	rVV	19076	23527	1.42%	0.192%
31	13.798	2081	2085	2090	rVB4	16013	24467	1.47%	0.199%
32	13.853	2090	2094	2099	rVB	109119	142144	8.56%	1.158%
33	13.926	2099	2106	2110	rBV	174775	233795	14.09%	1.904%
34	13.975	2110	2114	2117	rVV2	27990	36247	2.18%	0.295%
35	14.006	2117	2119	2123	rVB	16440	18624	1.12%	0.152%
36	14.079	2126	2131	2133	rBV2	46640	61095	3.68%	0.498%

LSC Area Percent Report

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Acq On : 23 Mar 2022 02:33
Operator : JC/MD
Sample : N2062-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5

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_X\Method\82X031722W.M
Title : SW846 8260

37	14.213	2149	2153	2157	rBV	58498	84789	5.11%	0.691%
38	14.323	2168	2171	2176	rBV	49733	56371	3.40%	0.459%
39	14.377	2176	2180	2184	rVB	80511	105507	6.36%	0.859%
40	14.420	2184	2187	2192	rVB2	23001	34352	2.07%	0.280%
41	14.481	2192	2197	2202	rBV2	100173	151564	9.13%	1.234%
42	14.530	2202	2205	2210	rVB2	11129	18038	1.09%	0.147%
43	14.615	2210	2219	2222	rBV5	72569	136602	8.23%	1.113%
44	14.676	2226	2229	2234	rVB	64467	77787	4.69%	0.634%
45	14.731	2234	2238	2241	rBV2	30856	41131	2.48%	0.335%
46	14.792	2244	2248	2250	rBV2	33010	47728	2.88%	0.389%
47	14.822	2250	2253	2255	rVV	34039	44890	2.70%	0.366%
48	14.847	2255	2257	2261	rVB3	33298	42205	2.54%	0.344%
49	14.908	2261	2267	2273	rBV3	35871	77580	4.67%	0.632%
50	15.048	2283	2290	2294	rBV3	19740	39603	2.39%	0.323%
51	15.182	2307	2312	2316	rBV2	64052	111140	6.70%	0.905%
52	15.255	2320	2324	2331	rVB7	21568	45319	2.73%	0.369%
53	15.377	2339	2344	2347	rBV3	19250	31197	1.88%	0.254%
54	15.524	2365	2368	2374	rVB5	11153	22531	1.36%	0.183%
55	15.664	2387	2391	2396	rVB6	13615	24867	1.50%	0.203%
56	15.731	2397	2402	2404	rBV2	10511	18056	1.09%	0.147%
57	15.810	2411	2415	2418	rBV	18251	26786	1.61%	0.218%
58	15.847	2418	2421	2426	rVB3	18568	23293	1.40%	0.190%
59	15.987	2440	2444	2448	rBV	27650	43385	2.61%	0.353%
60	16.298	2486	2495	2497	rBV8	10220	22484	1.35%	0.183%
61	16.536	2529	2534	2541	rBV6	8392	22838	1.38%	0.186%

Sum of corrected areas: 12278758

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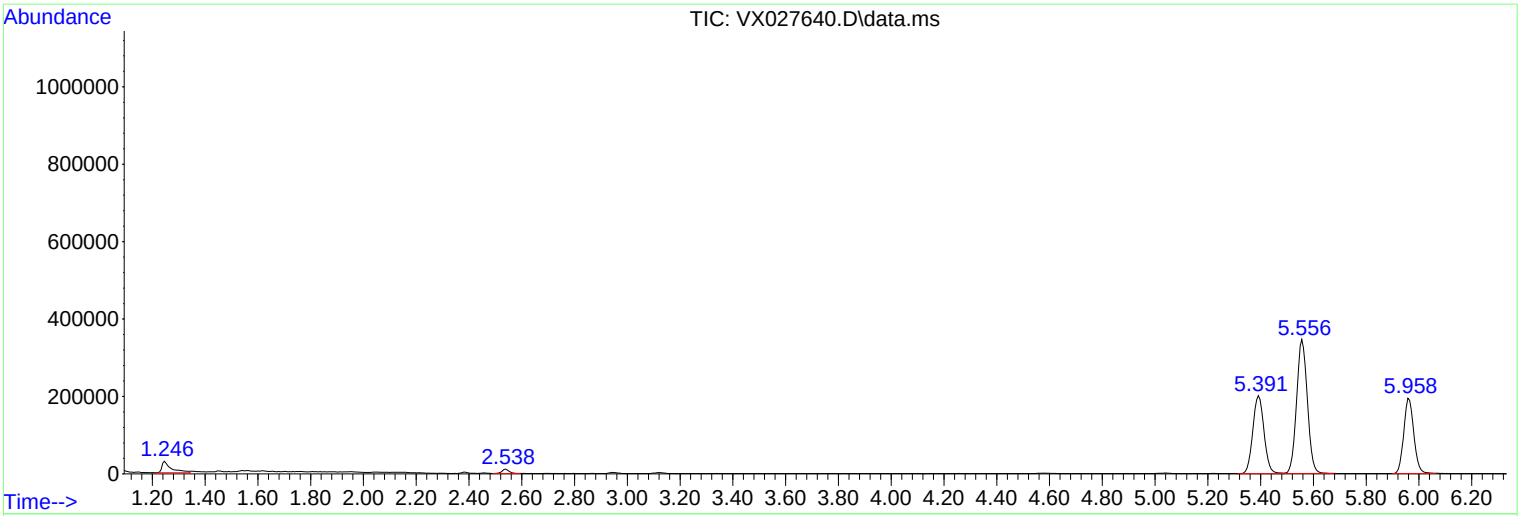
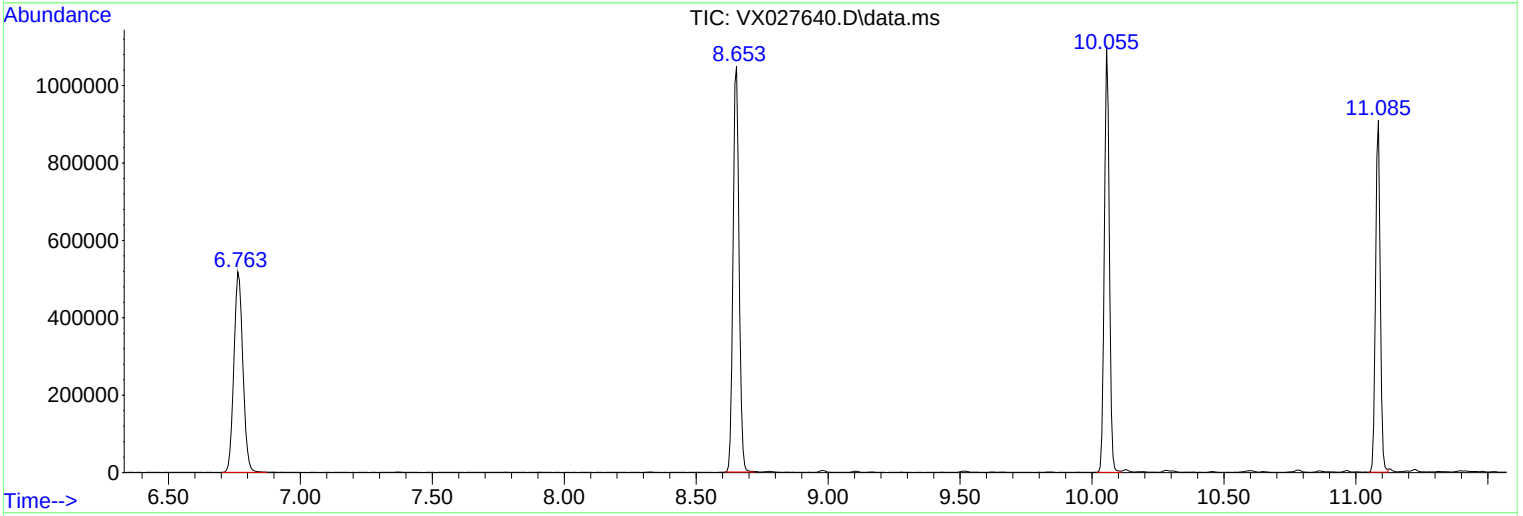
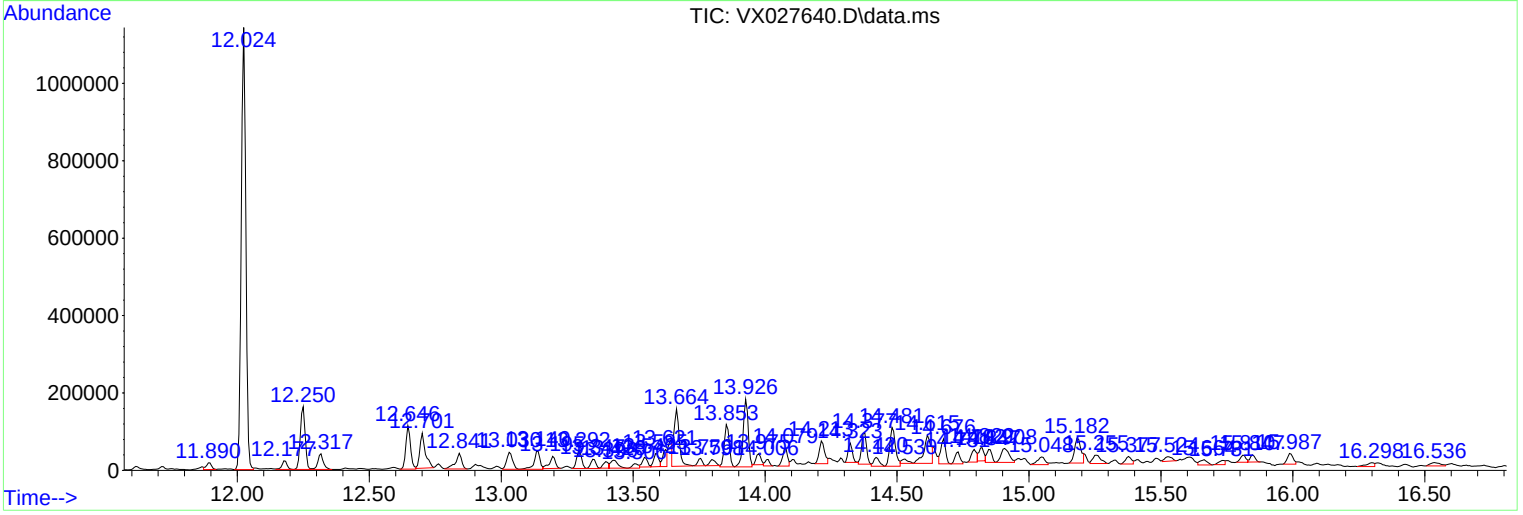
Instrument :
MSVOA_X
ClientSampleId :
MW-5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

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







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ClientSampleId :
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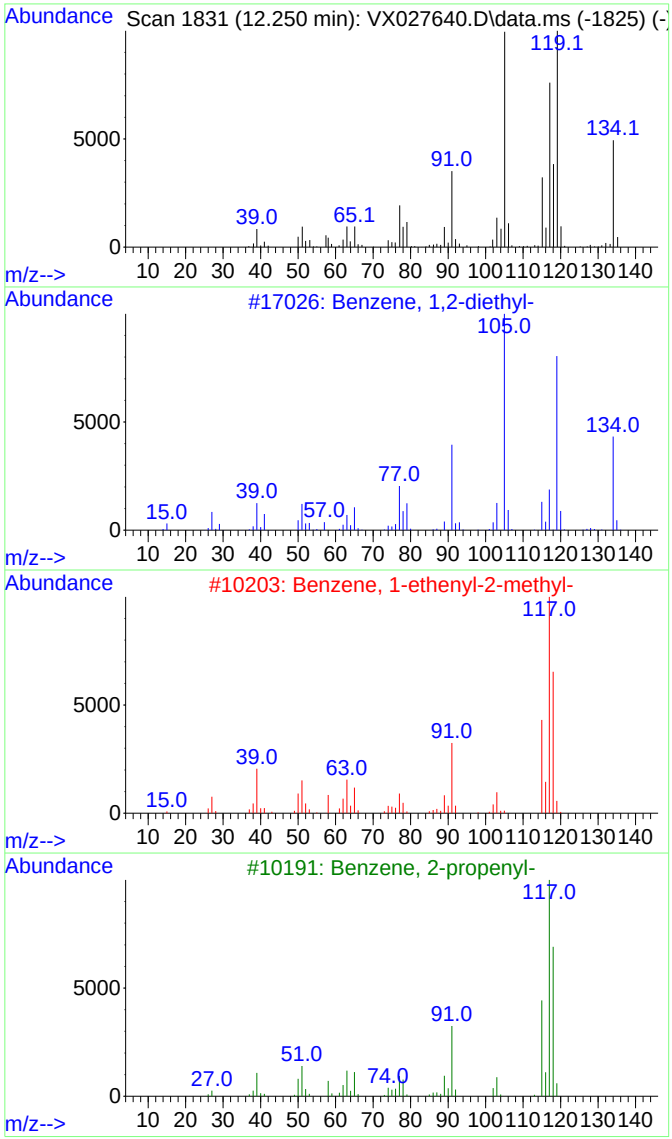
Quant Title : SW846 8260

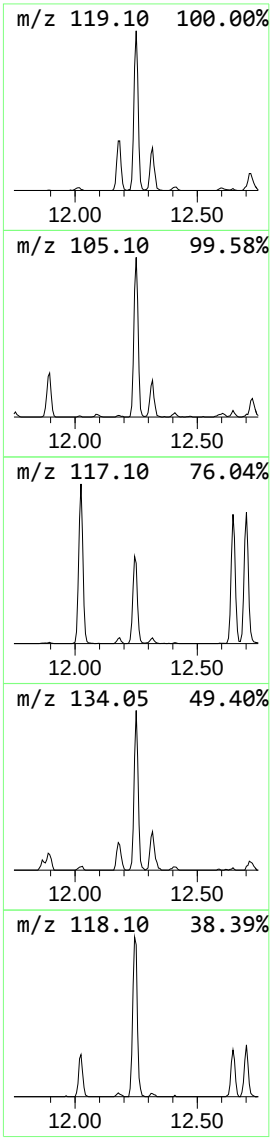
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,2-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	7.45 ug/l	206591	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55





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ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5

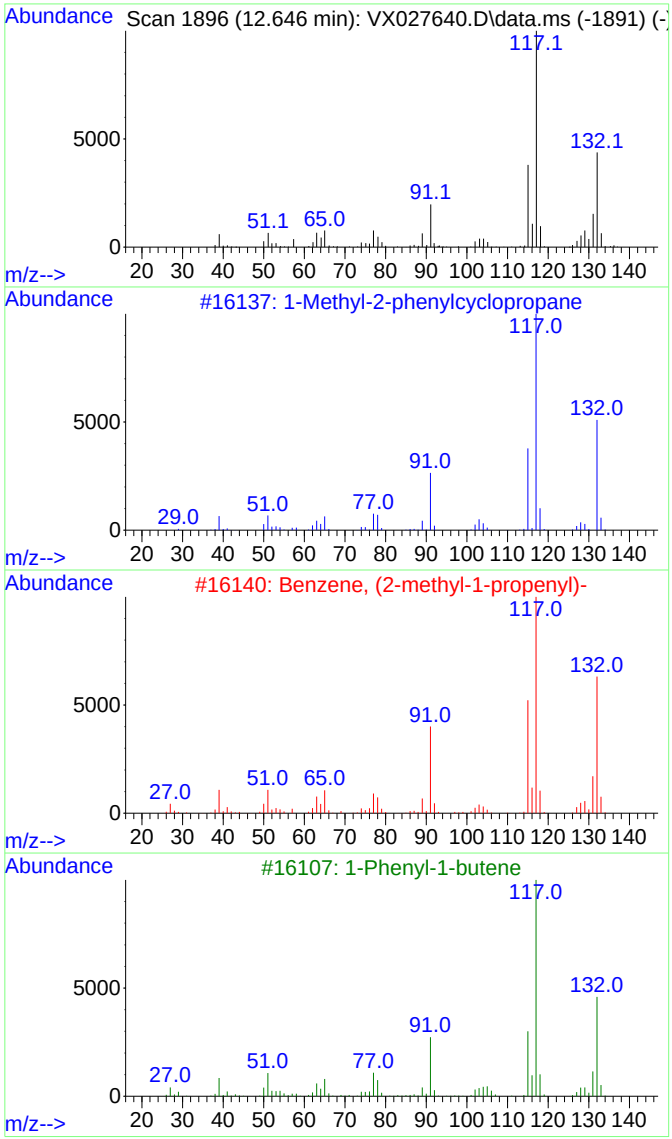
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

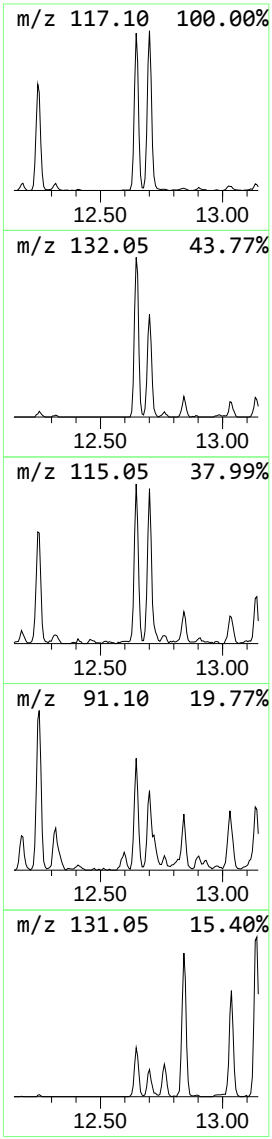
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Methyl-2-phenylcyclopropane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.646	5.05 ug/l	140126	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	94
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	93
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91





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Operator : JC/MD
Sample : N2062-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5

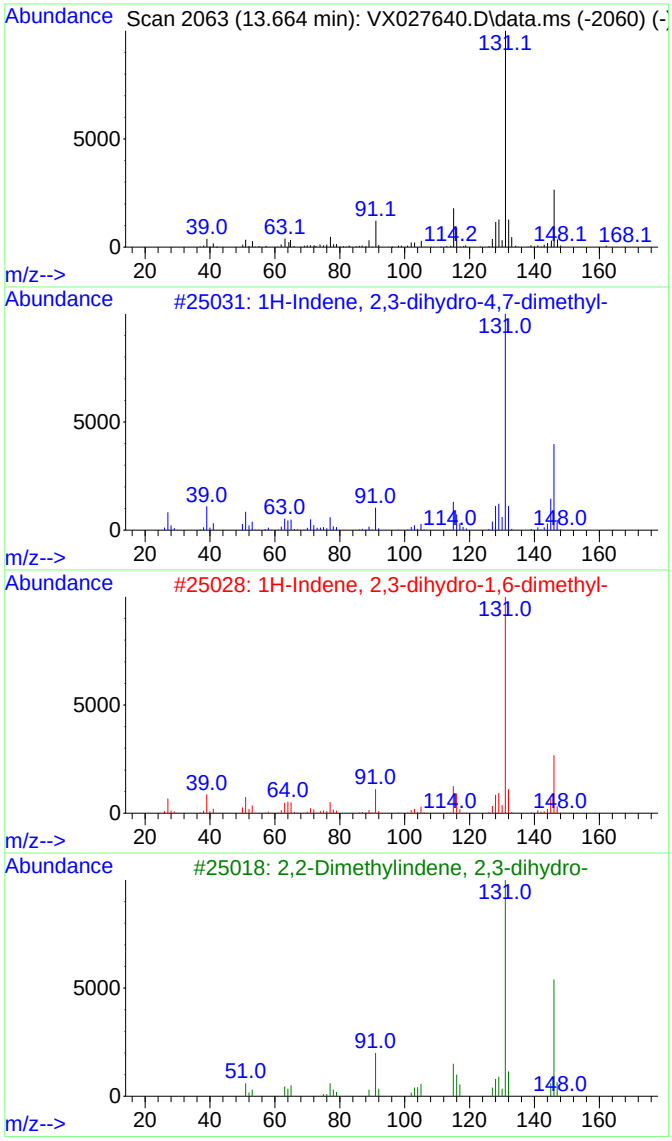
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

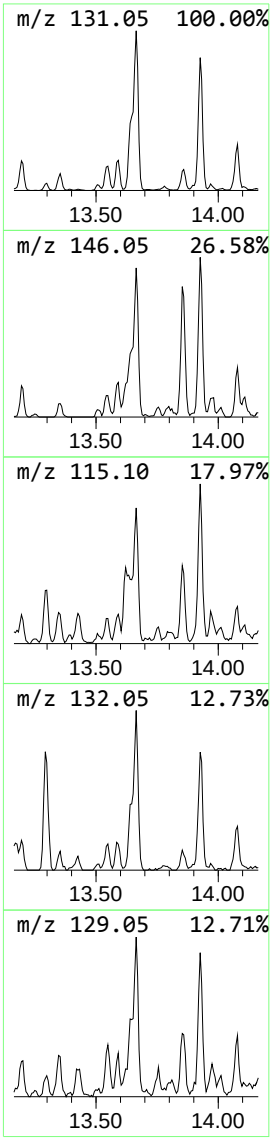
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	7.35 ug/l	203886	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





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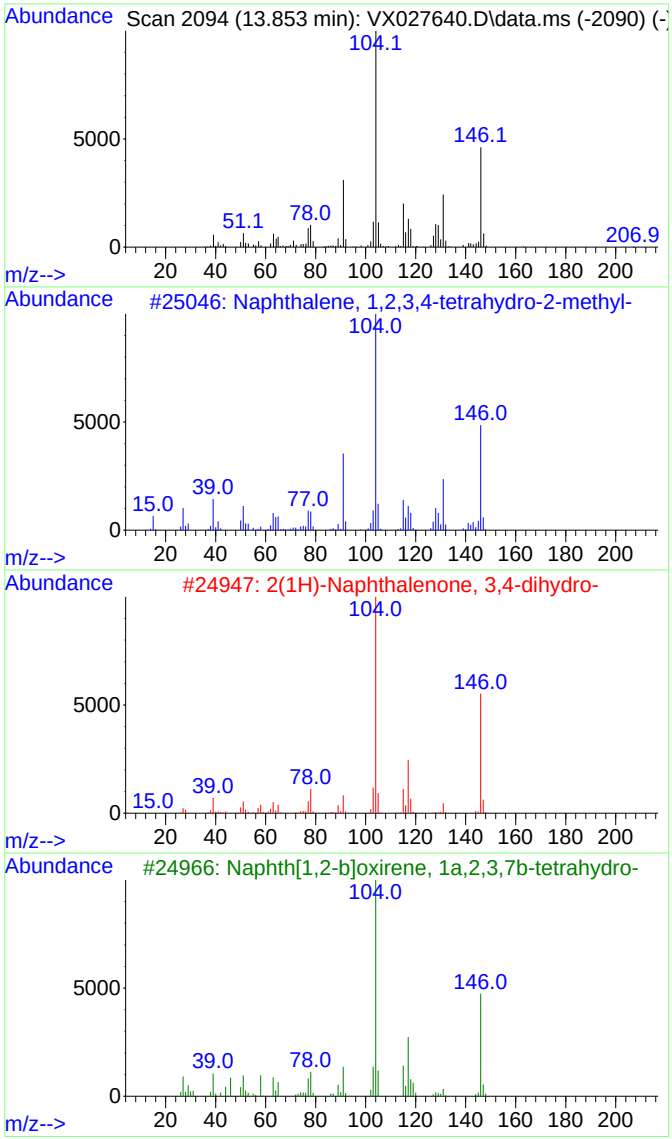
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

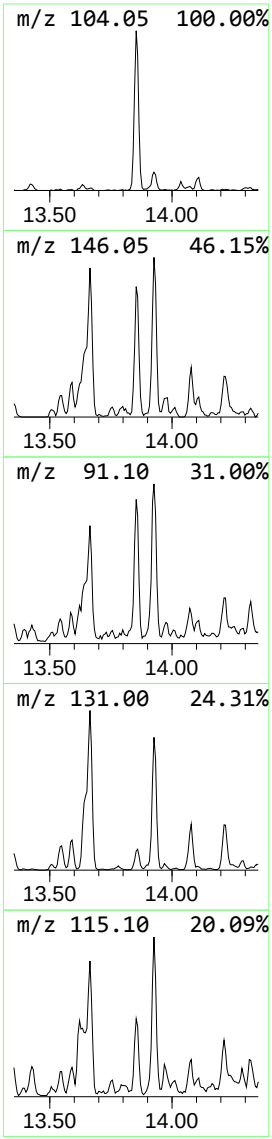
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.853	5.13 ug/l	142144	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	70
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	55
5	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	47





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MSVOA_X
ClientSampleId :
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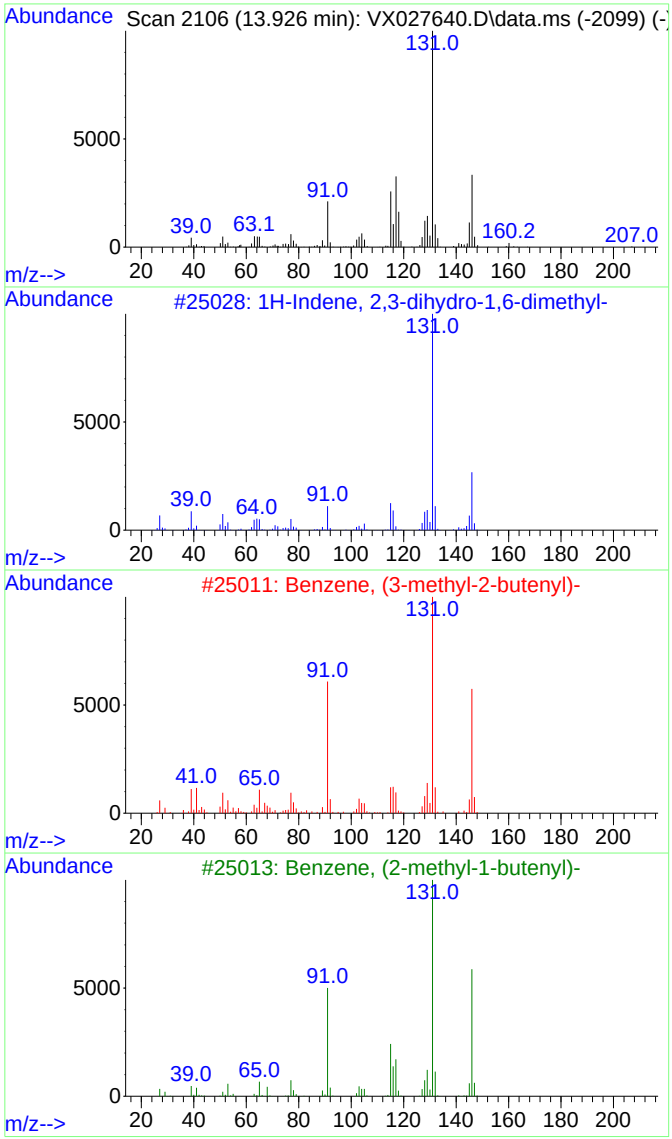
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

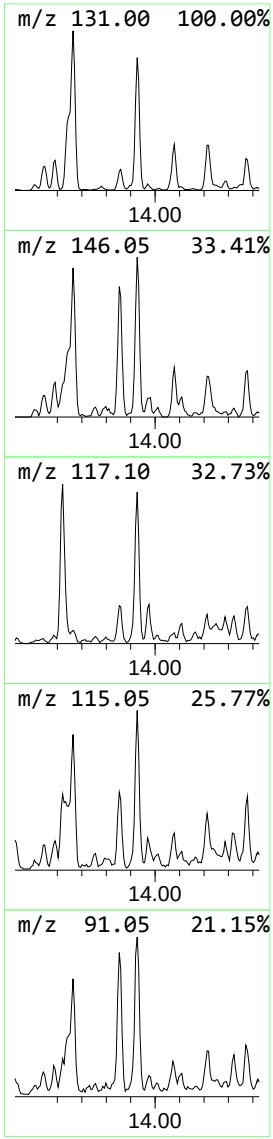
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.926	8.43 ug/l	233795	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81





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MSVOA_X
ClientSampleId :
MW-5

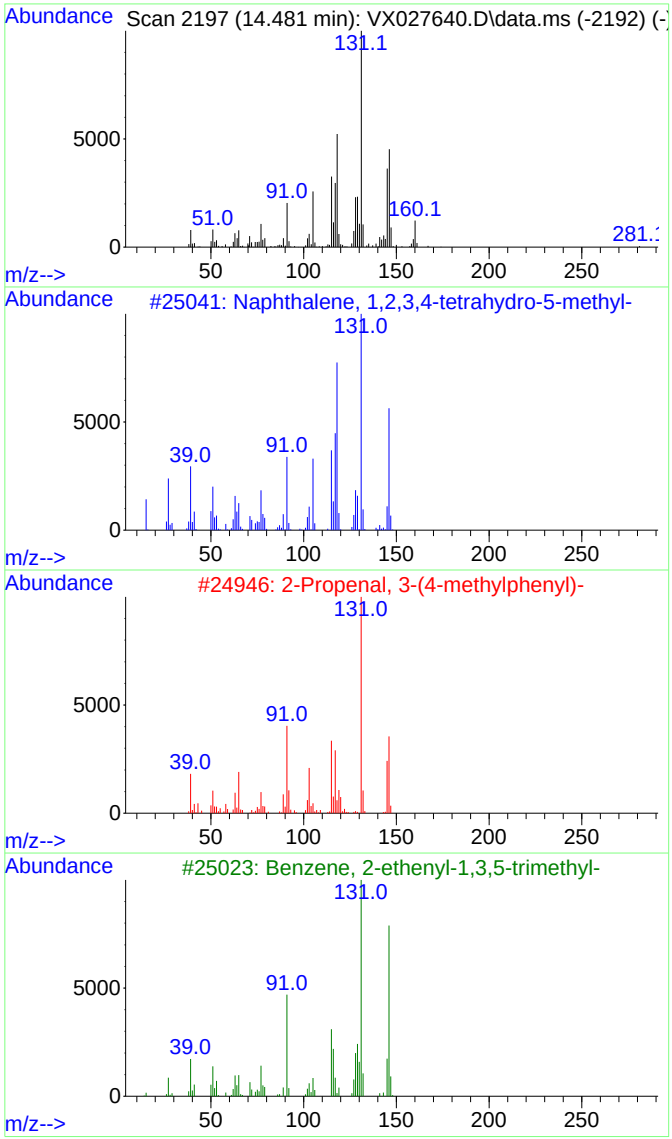
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260

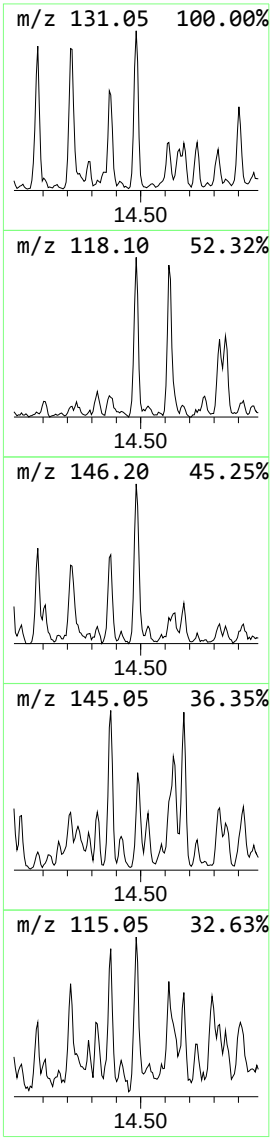
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	5.47 ug/l	151564	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	64
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	53





Tentatively Identified Compound (LSC) summary

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Data File : VX027640.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
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, 1,2-di...	12.250	7.5	ug/l	206591	4	12.024	1386200	50.0
1-Methyl-2-phen...	12.646	5.0	ug/l	140126	4	12.024	1386200	50.0
1H-Indene, 2,3-...	13.664	7.3	ug/l	203886	4	12.024	1386200	50.0
Naphthalene, 1,...	13.853	5.1	ug/l	142144	4	12.024	1386200	50.0
1H-Indene, 2,3-...	13.926	8.4	ug/l	233795	4	12.024	1386200	50.0
Naphthalene, 1,...	14.481	5.5	ug/l	151564	4	12.024	1386200	50.0