LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
Data File : VX027235.D
Acq On : 28 Feb 2022 21:07
Operator : JC/MD
Sample : N1688-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
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_X\Method\82X022322W.M
Title : SW846 8260

Signal : TIC: VX027235.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.252	22	27	39	rBV	21474	38322	8.41%	0.933%
2	3.117	325	333	345	rVB2	7187	16992	3.73%	0.414%
3	5.391	695	706	719	rBV	52844	151922	33.34%	3.698%
4	5.556	723	733	757	rVB	90502	267777	58.76%	6.517%
5	5.958	789	799	810	rBV	54995	147565	32.38%	3.592%
6	6.367	858	866	873	rBV4	2748	7390	1.62%	0.180%
7	6.763	919	931	940	rBV	141703	333807	73.25%	8.125%
8	6.842	940	944	954	rVB4	5601	14588	3.20%	0.355%
9	7.367	1020	1030	1038	rBV5	4402	11860	2.60%	0.289%
10	8.001	1123	1134	1140	rVB3	1973	5391	1.18%	0.131%
11	8.104	1144	1151	1156	rBV2	4528	9520	2.09%	0.232%
12	8.202	1162	1167	1177	rVB5	3800	8192	1.80%	0.199%
13	8.305	1177	1184	1190	rBV2	4116	7406	1.63%	0.180%
14	8.653	1234	1241	1250	rVB	285659	455725	100.00%	11.092%
15	8.927	1279	1286	1291	rBV2	8324	13644	2.99%	0.332%
16	9.165	1319	1325	1334	rVB2	25620	39660	8.70%	0.965%
17	9.330	1347	1352	1358	rBV2	3154	4630	1.02%	0.113%
18	9.427	1363	1368	1371	rBV	6510	9706	2.13%	0.236%
19	9.464	1371	1374	1377	rVV	5536	8335	1.83%	0.203%
20	9.500	1377	1380	1387	rVB5	5953	8582	1.88%	0.209%
21	9.604	1393	1397	1402	rVB	6598	9262	2.03%	0.225%
22	9.762	1418	1423	1430	rVB3	4911	8064	1.77%	0.196%
23	10.055	1465	1471	1476	rBV	315439	401858	88.18%	9.781%
24	10.159	1485	1488	1492	rVB2	5222	6514	1.43%	0.159%
25	10.963	1616	1620	1624	rBV	3690	4976	1.09%	0.121%
26	11.079	1634	1639	1653	rVB	233719	308761	67.75%	7.515%
27	11.305	1672	1676	1684	rBV	13495	16804	3.69%	0.409%
28	11.866	1763	1768	1770	rBV	12488	15780	3.46%	0.384%
29	11.890	1770	1772	1777	rVB	14223	15586	3.42%	0.379%
30	12.024	1788	1794	1802	rBV	314937	385306	84.55%	9.378%
31	12.250	1825	1831	1837	rBV	124744	160155	35.14%	3.898%
32	12.317	1837	1842	1852	rVB2	39460	69908	15.34%	1.702%
33	12.408	1852	1857	1861	rVB	17717	22274	4.89%	0.542%
34	12.463	1861	1866	1871	rBV	24886	29116	6.39%	0.709%
35	12.530	1873	1877	1885	rBV	6881	8353	1.83%	0.203%
36	12.616	1886	1891	1893	rBV	31441	38012	8.34%	0.925%

LSC Area Percent Report

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : SW846 8260

37	12.646	1893	1896	1900	rVB	35772	41834	9.18%	1.018%
38	12.701	1900	1905	1912	rBV	91130	116780	25.63%	2.842%
39	12.841	1923	1928	1935	rVB2	9563	13369	2.93%	0.325%
40	12.920	1935	1941	1945	rBV	146105	178863	39.25%	4.353%
41	12.963	1945	1948	1954	rVB	27744	33746	7.40%	0.821%
42	13.030	1954	1959	1964	rVB3	17461	26691	5.86%	0.650%
43	13.140	1964	1977	1980	rBV3	17101	29703	6.52%	0.723%
44	13.170	1980	1982	1984	rVV	7496	7547	1.66%	0.184%
45	13.195	1984	1986	1992	rVB	8042	9497	2.08%	0.231%
46	13.256	1992	1996	1998	rBV2	8267	10807	2.37%	0.263%
47	13.292	1998	2002	2007	rVB2	32238	44229	9.71%	1.076%
48	13.372	2012	2015	2021	rVV	15594	20900	4.59%	0.509%
49	13.426	2021	2024	2029	rVB	4430	5478	1.20%	0.133%
50	13.506	2032	2037	2039	rBV3	4627	6477	1.42%	0.158%
51	13.548	2039	2044	2046	rVV	52600	71958	15.79%	1.751%
52	13.585	2046	2050	2054	rVV3	52292	85044	18.66%	2.070%
53	13.640	2054	2059	2060	rVV2	32675	44533	9.77%	1.084%
54	13.664	2060	2063	2071	rVB2	63229	97726	21.44%	2.379%
55	13.798	2080	2085	2091	rVB4	3162	5557	1.22%	0.135%
56	13.853	2091	2094	2099	rVB	5547	7290	1.60%	0.177%
57	13.926	2099	2106	2110	rBV2	18394	26088	5.72%	0.635%
58	13.969	2110	2113	2117	rVB2	9724	11752	2.58%	0.286%
59	14.079	2126	2131	2136	rBV	41555	52378	11.49%	1.275%
60	14.213	2148	2153	2159	rBV	26780	39994	8.78%	0.973%
61	14.323	2167	2171	2176	rBV	12297	16014	3.51%	0.390%
62	14.371	2176	2179	2184	rVB	23605	27887	6.12%	0.679%
63	14.481	2192	2197	2202	rBV2	4942	7413	1.63%	0.180%
64	14.780	2240	2246	2251	rBV2	4778	7305	1.60%	0.178%

Sum of corrected areas: 4108603

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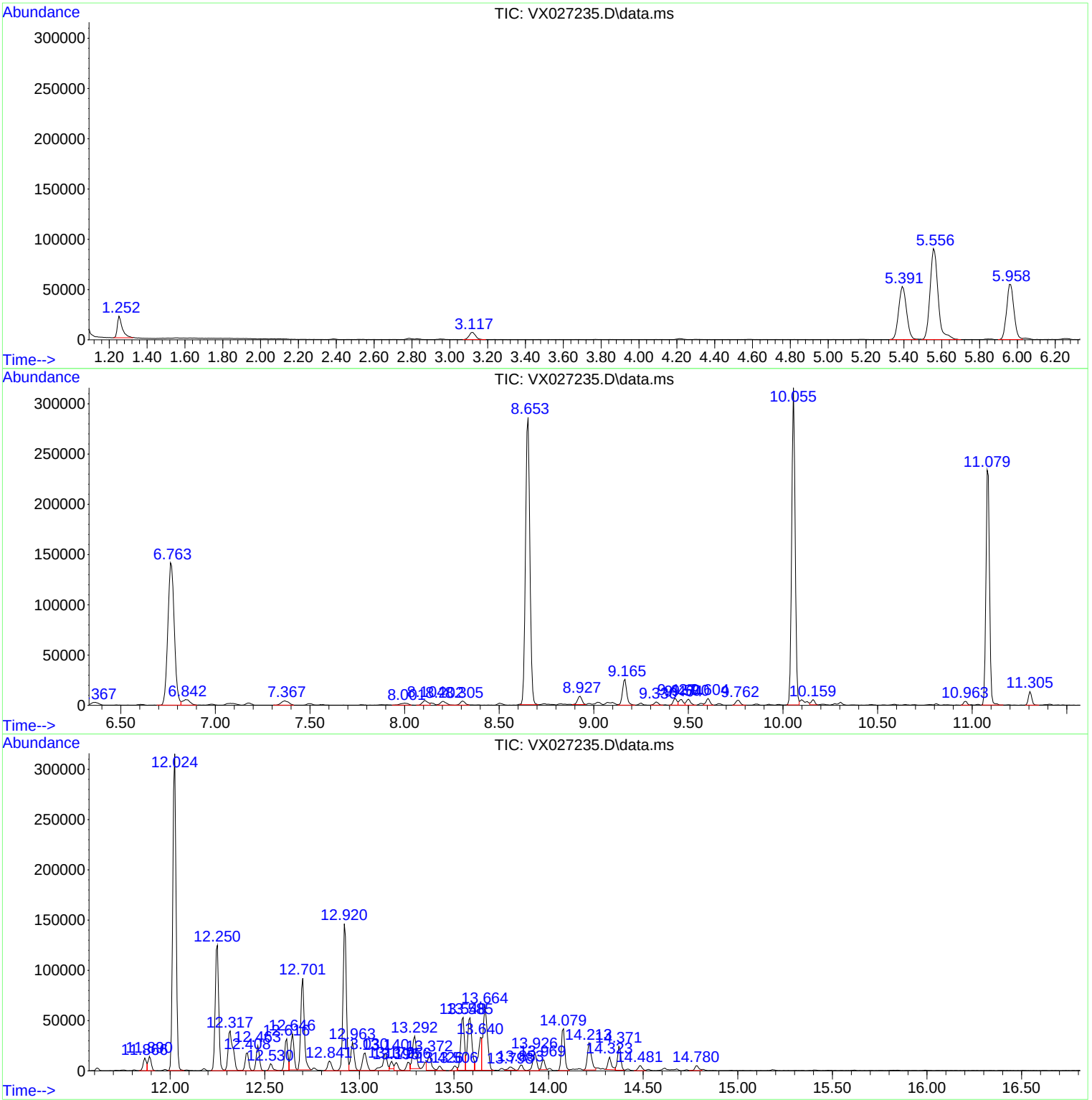
MSVOA_X
ClientSampleId :
MW-24

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260

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



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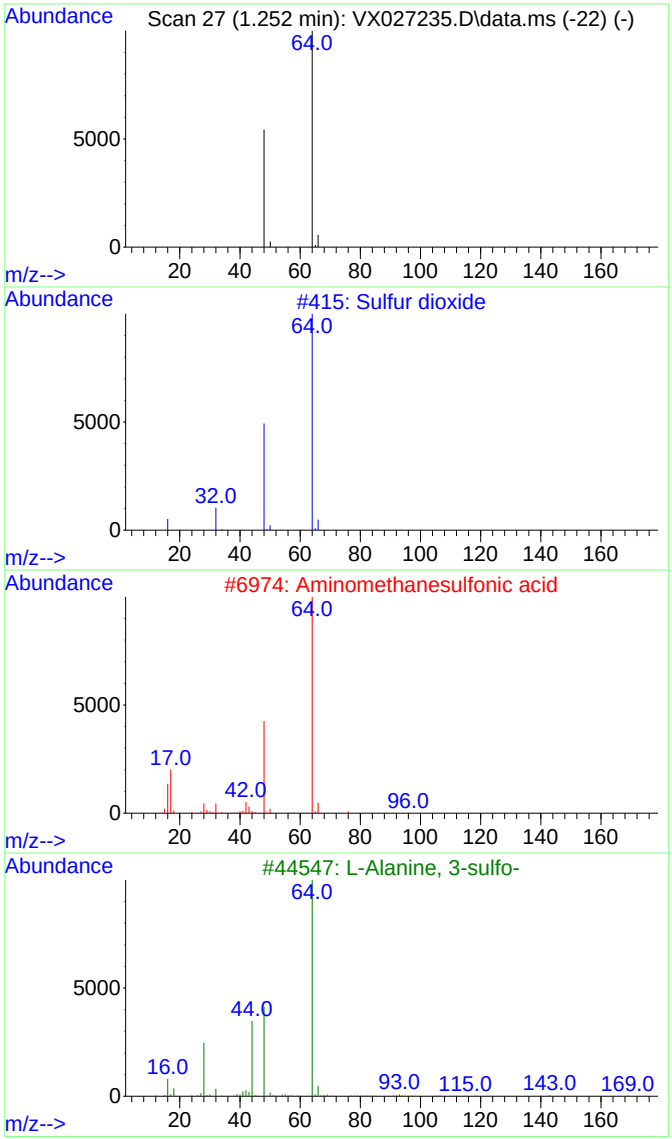
Quant Title : SW846 8260

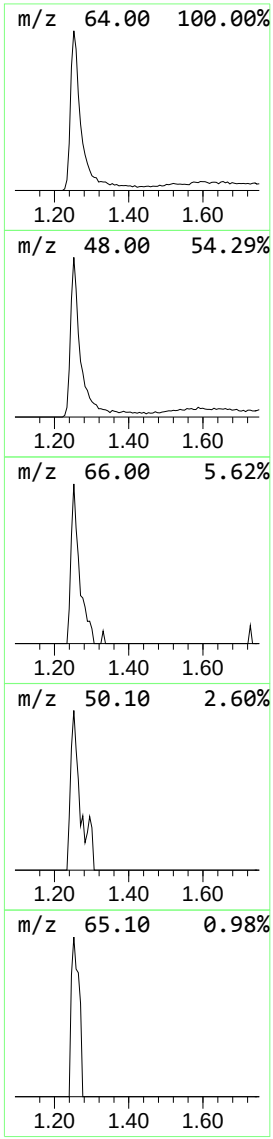
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.252	7.16 ug/l	38322	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





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Operator : JC/MD
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

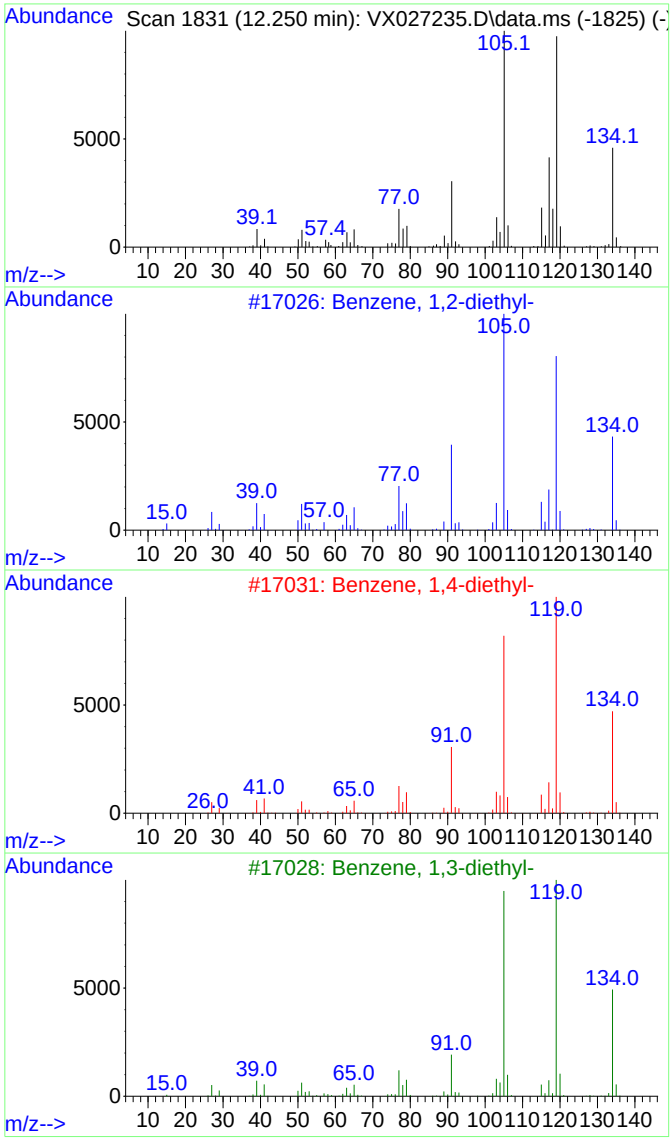
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260

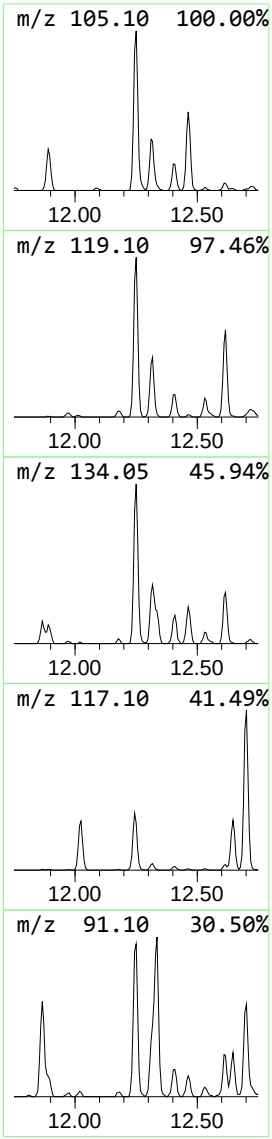
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	20.78 ug/l	160155	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	91
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	72
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	68





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Operator : JC/MD
Sample : N1688-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

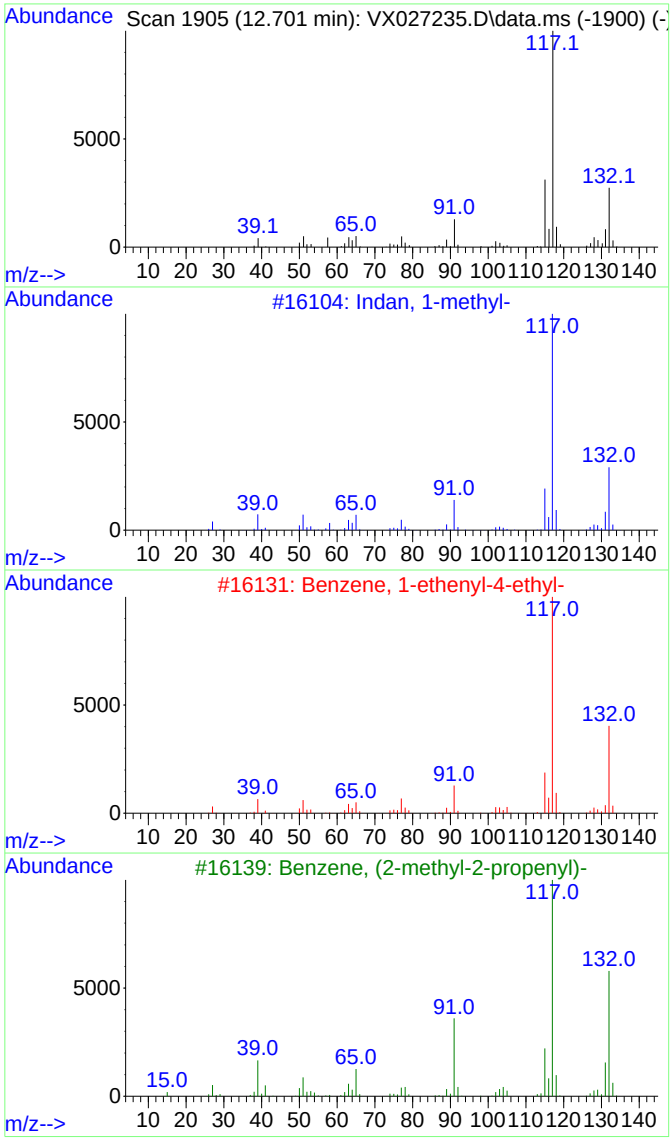
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260

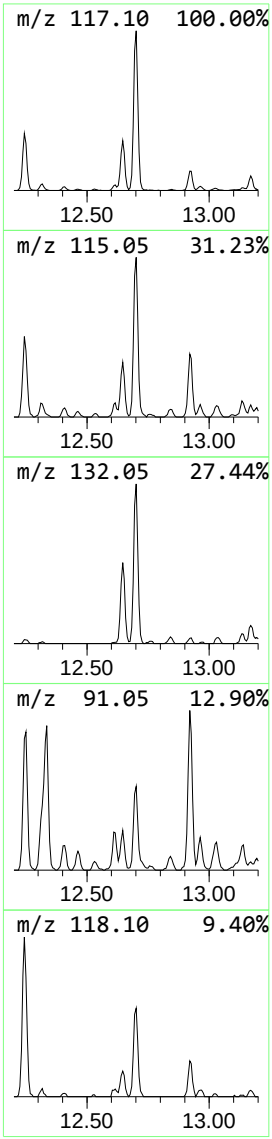
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	15.15 ug/l	116780	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

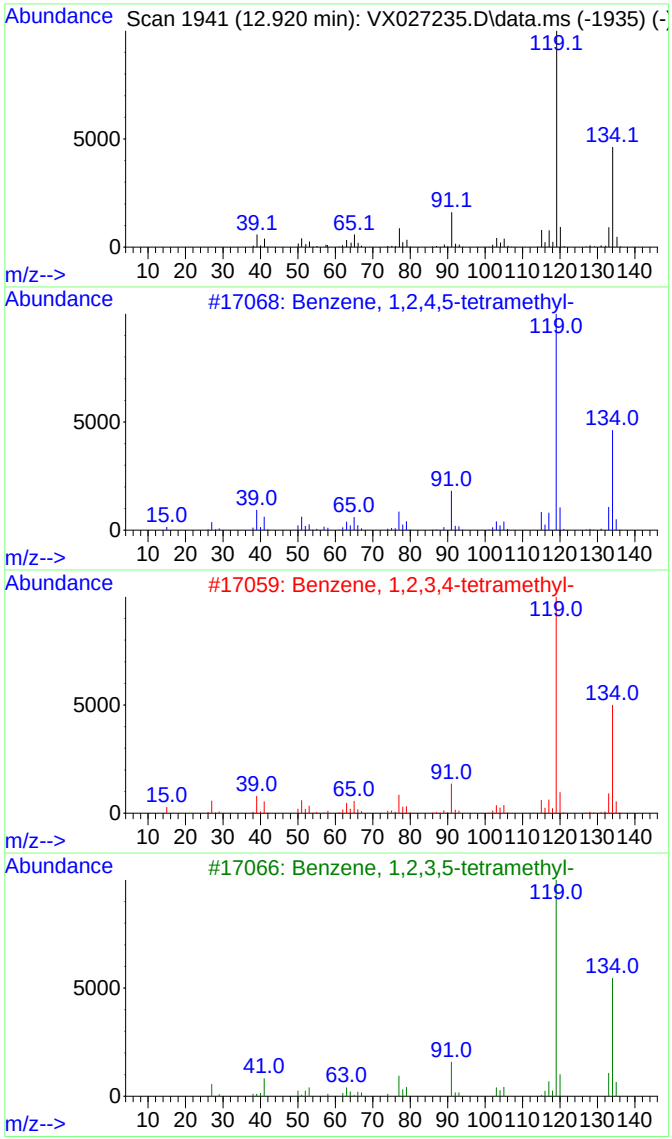
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260

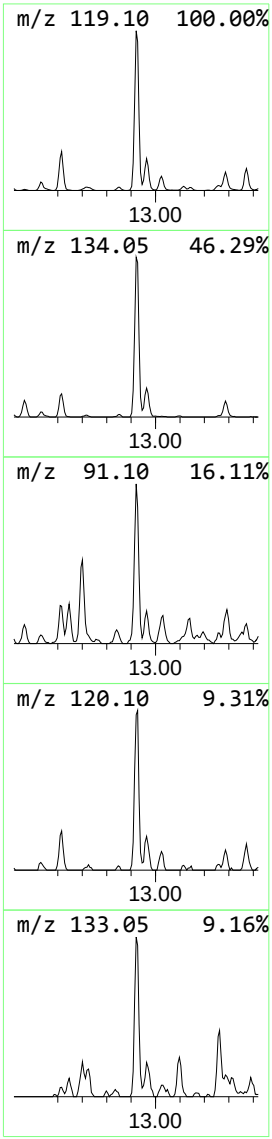
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	23.21 ug/l	178863	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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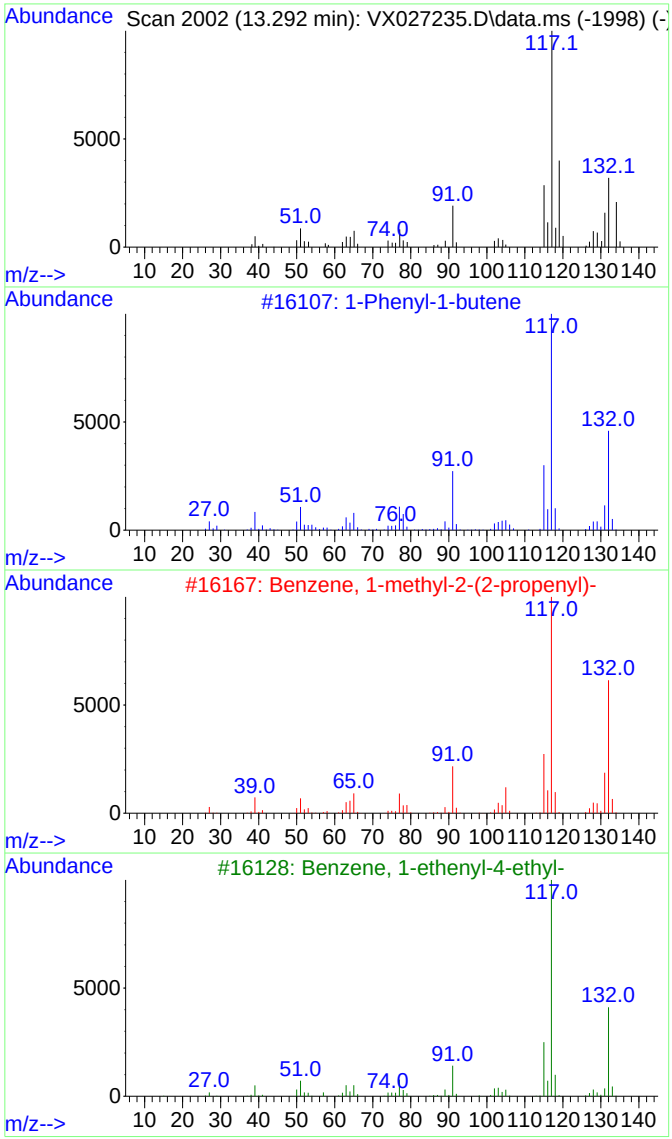
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260

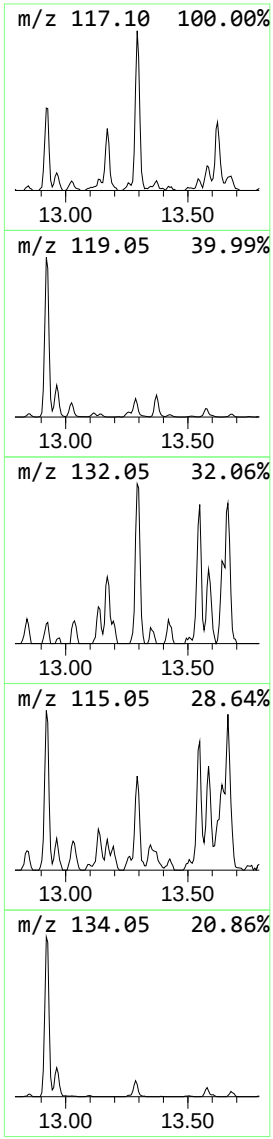
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	5.74 ug/l	44229	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	58
5	Indan, 1-methyl-	132	C10H12	000767-58-8	58





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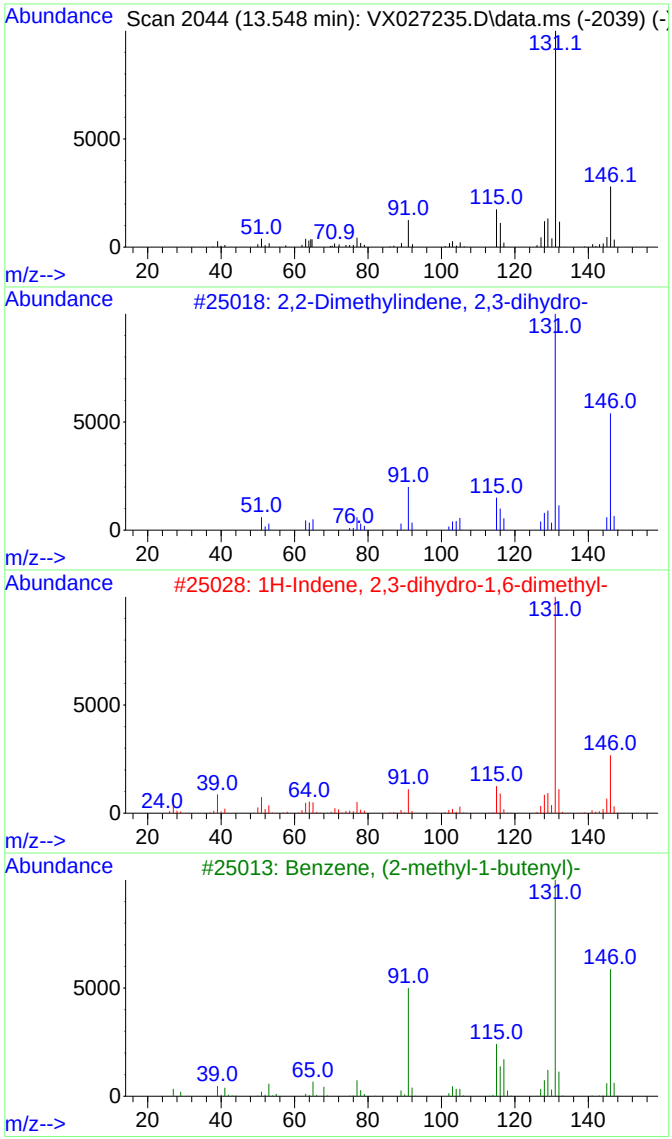
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260

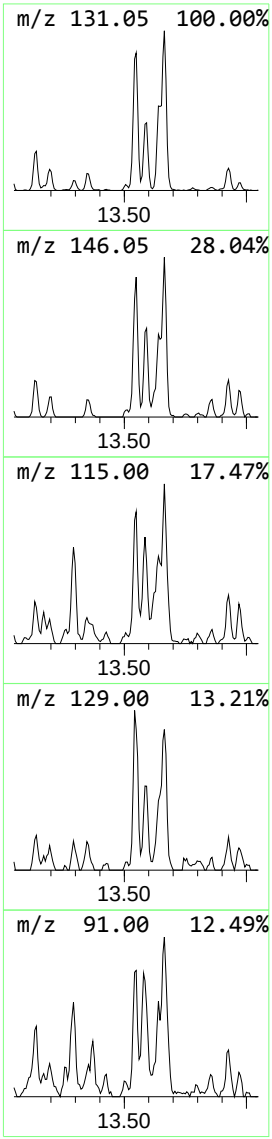
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2-Dimethylindene, 2,3-dih... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.548	9.34 ug/l	71958	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

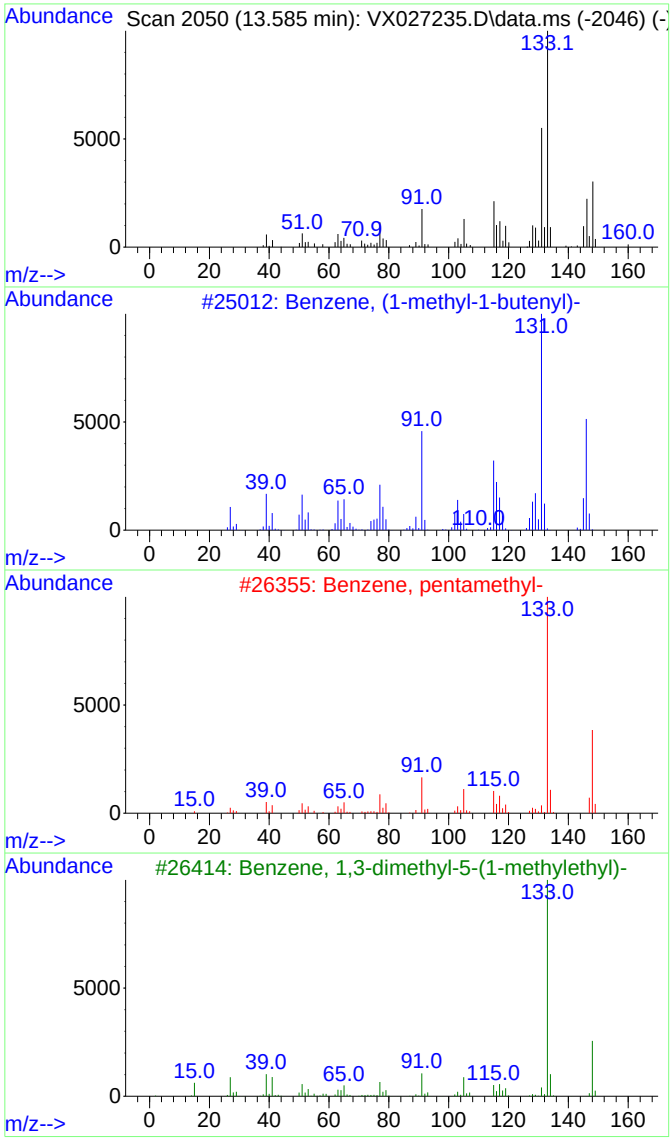
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260

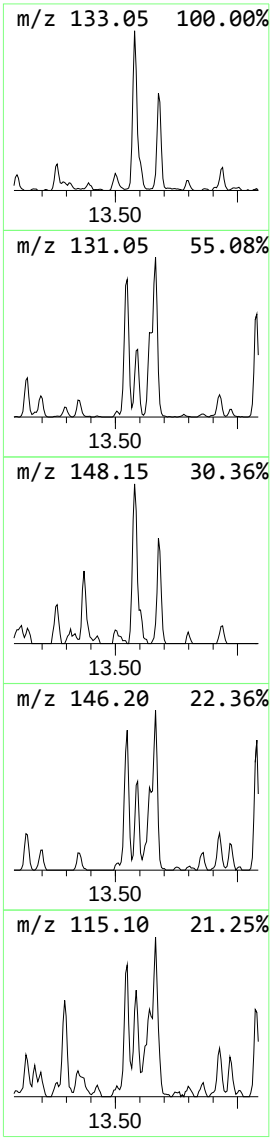
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.585	11.04 ug/l	85044	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	52
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	50
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	46
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
5	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
Data File : VX027235.D
Acq On : 28 Feb 2022 21:07
Operator : JC/MD
Sample : N1688-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

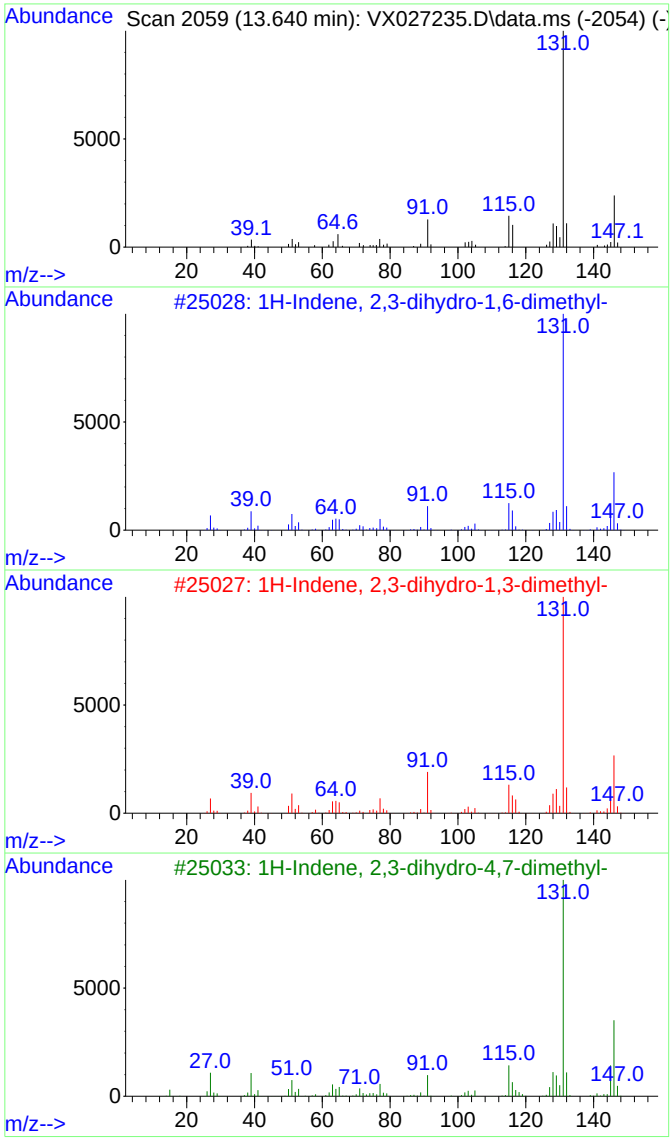
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260

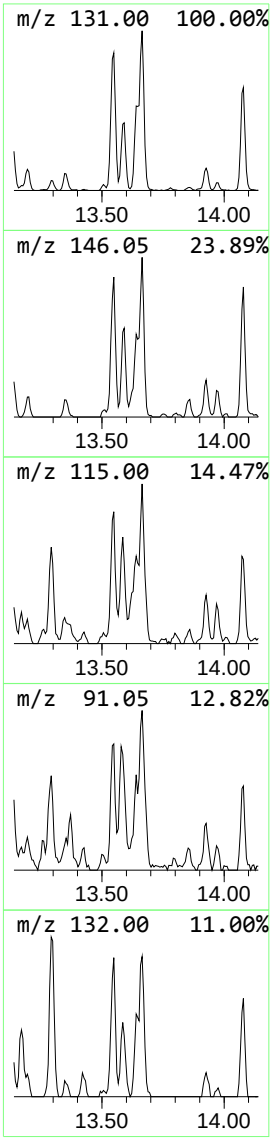
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.640	5.78 ug/l	44533	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	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
Data File : VX027235.D
Acq On : 28 Feb 2022 21:07
Operator : JC/MD
Sample : N1688-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

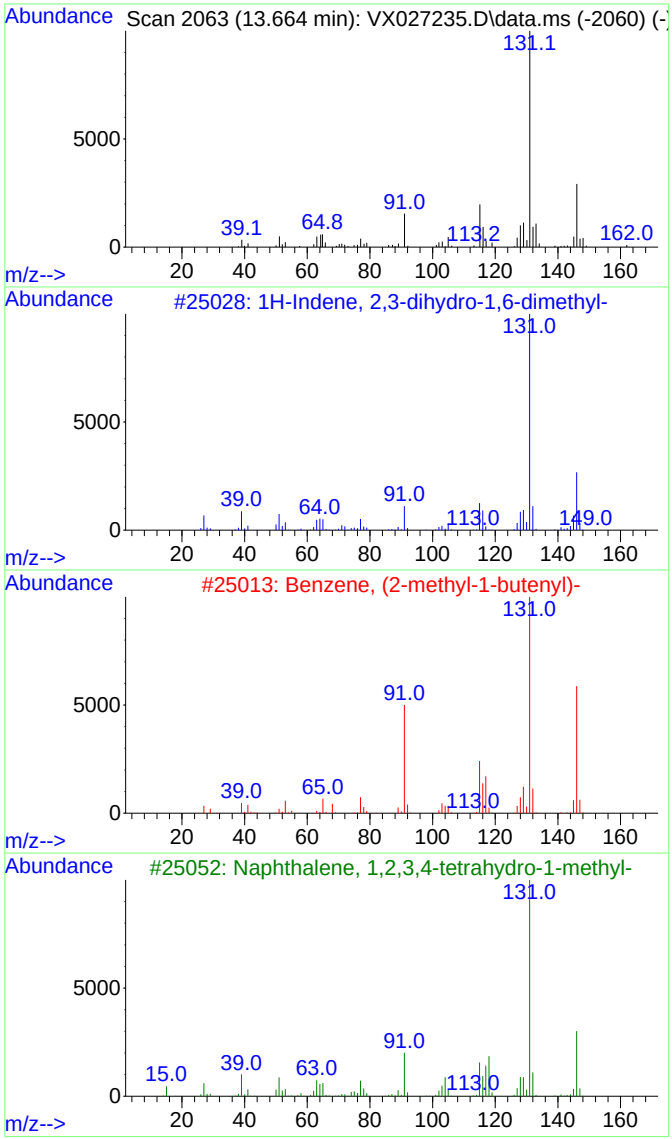
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260

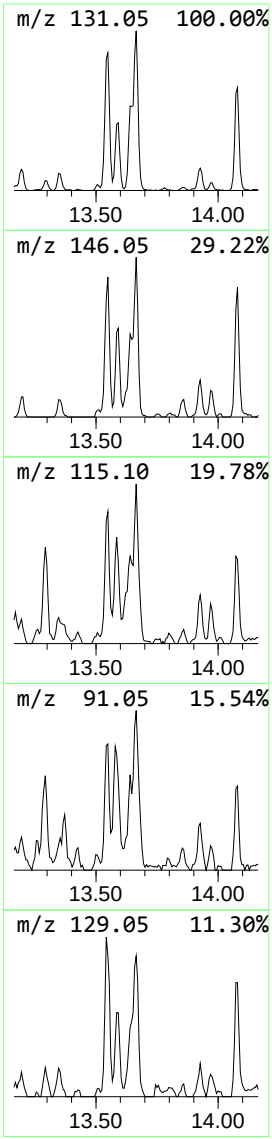
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, (2-methyl-1-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	12.68 ug/l	97726	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	94
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
Data File : VX027235.D
Acq On : 28 Feb 2022 21:07
Operator : JC/MD
Sample : N1688-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

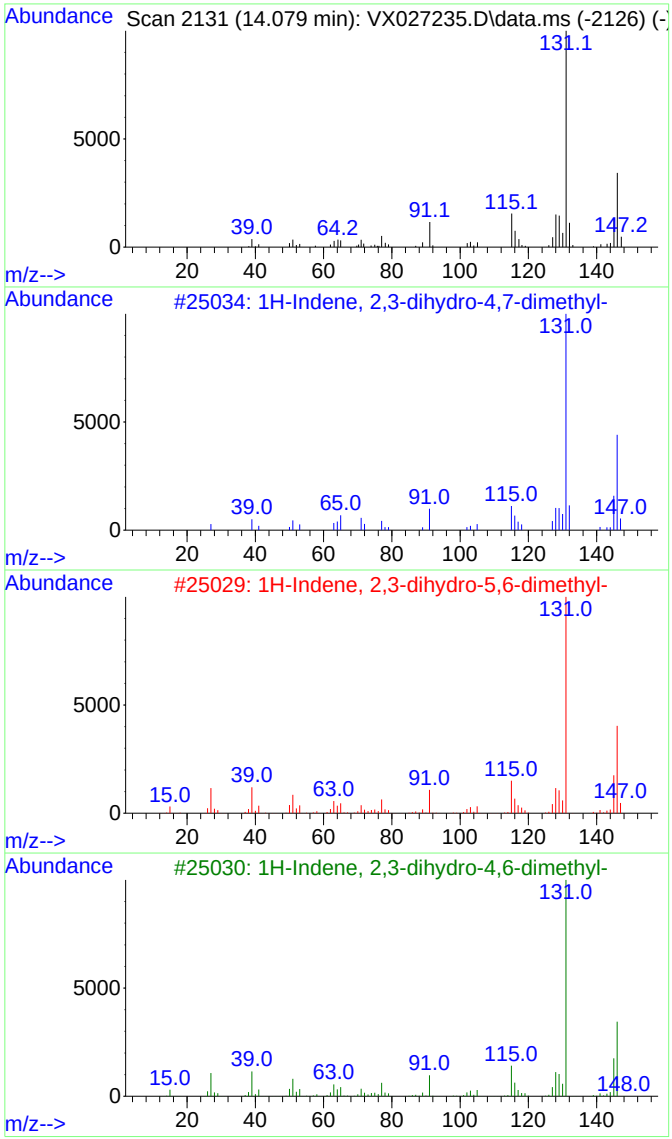
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260

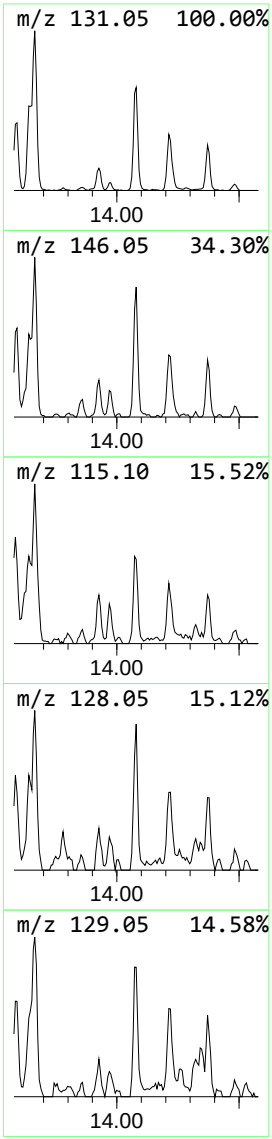
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.079	6.80 ug/l	52378	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	96
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
Data File : VX027235.D
Acq On : 28 Feb 2022 21:07
Operator : JC/MD
Sample : N1688-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.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
Sulfur dioxide	1.252	7.2	ug/l	38322	1	5.556	267777	50.0
Benzene, 1,2-di...	12.250	20.8	ug/l	160155	4	12.024	385306	50.0
Indan, 1-methyl-	12.701	15.2	ug/l	116780	4	12.024	385306	50.0
Benzene, 1,2,4,...	12.920	23.2	ug/l	178863	4	12.024	385306	50.0
1-Phenyl-1-butene	13.292	5.7	ug/l	44229	4	12.024	385306	50.0
2,2-Dimethylind...	13.548	9.3	ug/l	71958	4	12.024	385306	50.0
Benzene, (1-met...	13.585	11.0	ug/l	85044	4	12.024	385306	50.0
1H-Indene, 2,3-...	13.640	5.8	ug/l	44533	4	12.024	385306	50.0
Benzene, (2-met...	13.664	12.7	ug/l	97726	4	12.024	385306	50.0
1H-Indene, 2,3-...	14.079	6.8	ug/l	52378	4	12.024	385306	50.0