LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081495.D
Acq On : 20 Mar 2024 15:47
Operator : JC\MD
Sample : P1800-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1394

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\82N031824W.M
Title : SW846 8260

Signal : TIC: VN081495.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.424	410	420	433	rBV2	34746	106423	3.81%	0.435%
2	7.318	906	912	921	rBV6	10043	30243	1.08%	0.123%
3	7.489	936	941	953	rVB2	16556	37941	1.36%	0.155%
4	8.165	1046	1056	1061	rBV	374435	909235	32.55%	3.712%
5	8.224	1061	1066	1079	rVV	705634	1629530	58.34%	6.653%
6	8.330	1079	1084	1090	rVB6	13840	30666	1.10%	0.125%
7	8.447	1096	1104	1110	rBV3	15751	33946	1.22%	0.139%
8	8.577	1117	1126	1137	rVB2	389167	879351	31.48%	3.590%
9	8.718	1141	1150	1158	rVV8	25684	75004	2.69%	0.306%
10	8.794	1158	1163	1167	rVV6	23487	52775	1.89%	0.215%
11	8.853	1168	1173	1183	rVV4	32863	76281	2.73%	0.311%
12	9.100	1205	1215	1224	rBV	997087	2034745	72.85%	8.307%
13	9.394	1260	1265	1273	rVB7	11319	30253	1.08%	0.124%
14	9.600	1286	1300	1311	rBV2	180909	445164	15.94%	1.818%
15	9.783	1321	1331	1337	rBV6	19231	41154	1.47%	0.168%
16	10.006	1361	1369	1376	rVB5	16933	34710	1.24%	0.142%
17	10.100	1378	1385	1390	rBV4	16044	34299	1.23%	0.140%
18	10.147	1390	1393	1405	rVB6	12878	29247	1.05%	0.119%
19	10.453	1438	1445	1448	rBV4	26046	47919	1.72%	0.196%
20	10.565	1456	1464	1478	rBV	1463678	2793015	100.00%	11.403%
21	10.759	1487	1497	1506	rVV8	24305	76019	2.72%	0.310%
22	10.912	1518	1523	1530	rBV6	27920	53209	1.91%	0.217%
23	10.988	1530	1536	1545	rVV5	28459	88092	3.15%	0.360%
24	11.418	1605	1609	1614	rVV3	23517	41331	1.48%	0.169%
25	11.865	1677	1685	1697	rBV	1264667	2287282	81.89%	9.339%
26	11.965	1697	1702	1706	rBV6	17621	32714	1.17%	0.134%
27	12.024	1706	1712	1719	rBV	328704	521788	18.68%	2.130%
28	12.394	1768	1775	1782	rBV2	25098	51489	1.84%	0.210%
29	12.582	1796	1807	1814	rBV7	12099	30671	1.10%	0.125%
30	12.847	1841	1852	1861	rBV	959536	1677689	60.07%	6.850%
31	13.129	1890	1900	1903	rBV	104244	177757	6.36%	0.726%
32	13.176	1903	1908	1914	rVB	338587	540791	19.36%	2.208%
33	13.335	1928	1935	1943	rVB	287270	483453	17.31%	1.974%
34	13.671	1987	1992	1998	rBV2	37496	58274	2.09%	0.238%
35	13.729	1998	2002	2006	rVV2	23166	33772	1.21%	0.138%
36	13.794	2006	2013	2024	rVV2	1229353	2684786	96.13%	10.961%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081495.D
Acq On : 20 Mar 2024 15:47
Operator : JC\MD
Sample : P1800-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1394

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\82N031824W.M
Title : SW846 8260

37	13.882	2024	2028	2034	rVB4	16581	29442	1.05%	0.120%
38	13.953	2034	2040	2043	rBV	82501	140912	5.05%	0.575%
39	14.018	2043	2051	2060	rVV3	207071	529552	18.96%	2.162%
40	14.118	2063	2068	2073	rVB2	29917	48817	1.75%	0.199%
41	14.182	2073	2079	2085	rBV	63970	115228	4.13%	0.470%
42	14.329	2098	2104	2110	rBV	187302	289963	10.38%	1.184%
43	14.394	2110	2115	2119	rVV	61612	115730	4.14%	0.473%
44	14.447	2119	2124	2133	rVB3	288110	514375	18.42%	2.100%
45	14.576	2139	2146	2153	rBV	94782	163034	5.84%	0.666%
46	14.653	2153	2159	2162	rBV	157451	255532	9.15%	1.043%
47	14.694	2162	2166	2171	rVV	213876	357213	12.79%	1.458%
48	14.735	2171	2173	2176	rVV2	40332	40947	1.47%	0.167%
49	14.782	2176	2181	2189	rVB6	37638	96363	3.45%	0.393%
50	14.876	2189	2197	2201	rBV4	27892	57994	2.08%	0.237%
51	14.929	2201	2206	2211	rBV2	81678	154492	5.53%	0.631%
52	14.970	2211	2213	2218	rVB3	30501	37168	1.33%	0.152%
53	15.053	2218	2227	2233	rBV2	483770	1068159	38.24%	4.361%
54	15.212	2247	2254	2261	rBV4	91939	191604	6.86%	0.782%
55	15.323	2261	2273	2277	rVV3	136477	367568	13.16%	1.501%
56	15.359	2277	2279	2285	rVV3	75971	133431	4.78%	0.545%
57	15.441	2285	2293	2302	rVB4	144272	372422	13.33%	1.521%
58	15.582	2312	2317	2324	rBV8	14307	34269	1.23%	0.140%
59	15.700	2331	2337	2341	rBV4	25862	52560	1.88%	0.215%
60	15.753	2341	2346	2348	rVV5	36165	63933	2.29%	0.261%
61	15.806	2351	2355	2363	rVB5	48960	108331	3.88%	0.442%
62	15.947	2371	2379	2387	rBV3	86186	185542	6.64%	0.758%
63	16.129	2401	2410	2412	rBV4	63674	131334	4.70%	0.536%
64	16.164	2414	2416	2427	rVV3	83699	161856	5.80%	0.661%
65	16.259	2427	2432	2439	rVV5	26434	58989	2.11%	0.241%
66	16.347	2439	2447	2460	rVB4	59842	168676	6.04%	0.689%
67	16.506	2464	2474	2488	rBV5	75056	182523	6.53%	0.745%
68	16.711	2498	2509	2516	rBV6	25017	73908	2.65%	0.302%

Sum of corrected areas: 24492885

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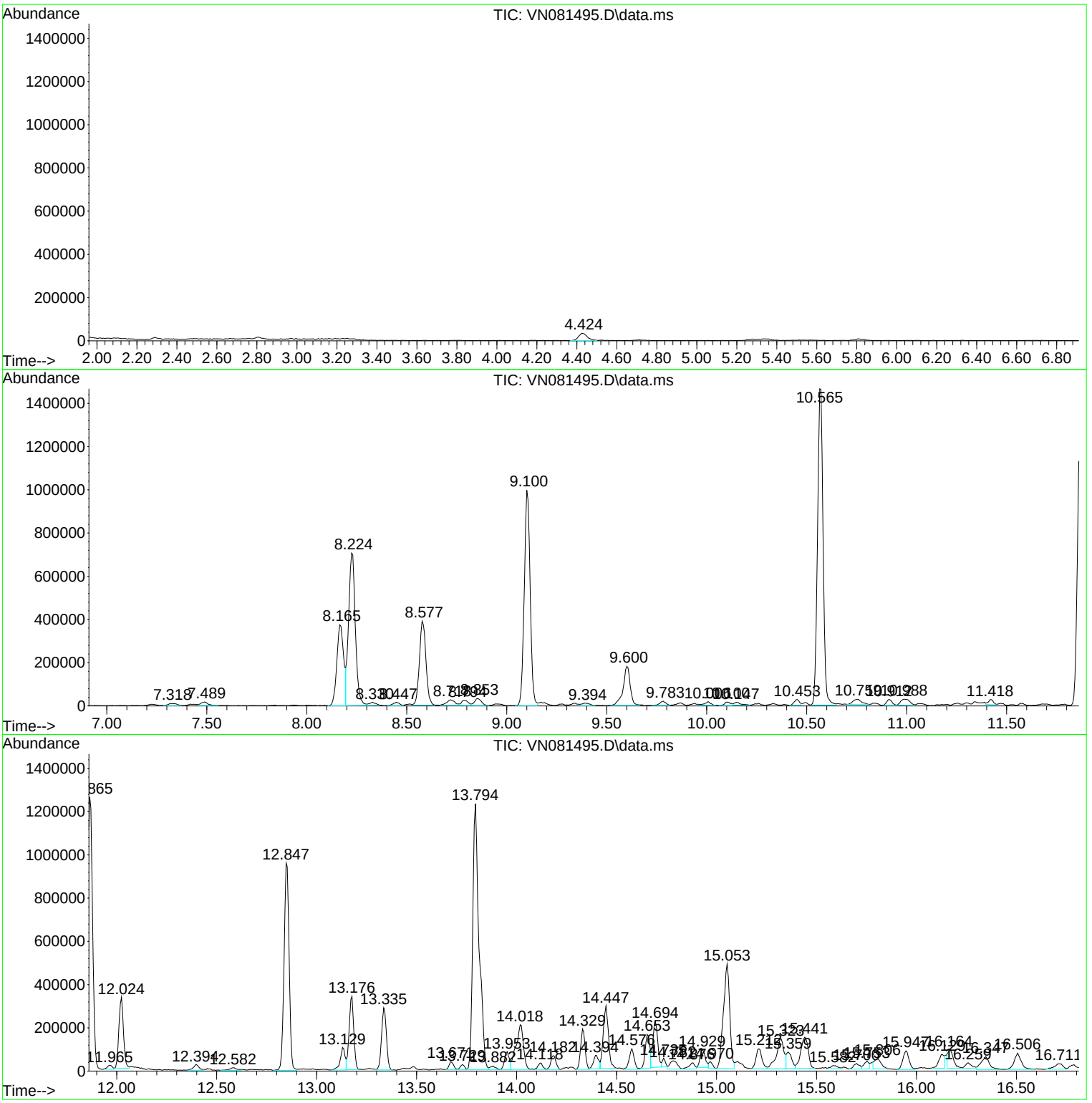
Sample : P1800-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1394

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081495.D
Acq On : 20 Mar 2024 15:47
Operator : JC\MD
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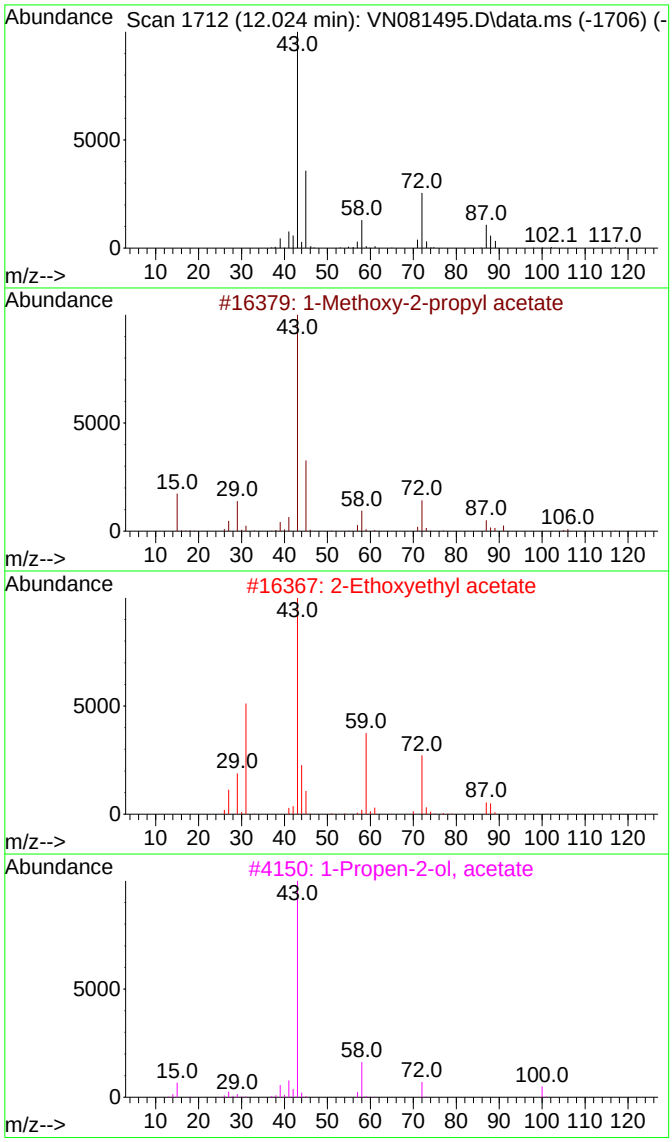
Quant Title : SW846 8260

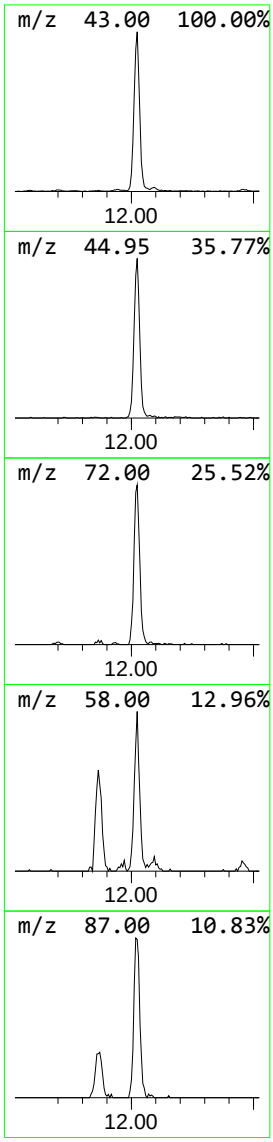
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Methoxy-2-propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.024	11.41 ug/l	521788	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	72
2	2-Ethoxyethyl acetate	132	C6H12O3	000111-15-9	36
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	10
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081495.D
Acq On : 20 Mar 2024 15:47
Operator : JC\MD
Sample : P1800-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1394

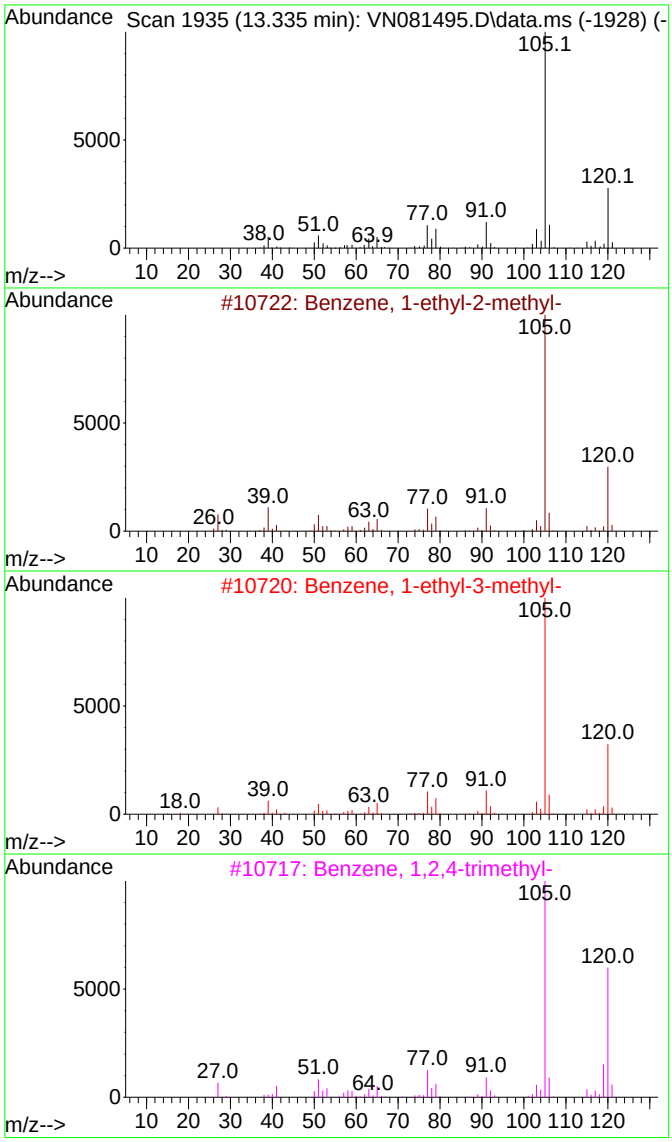
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

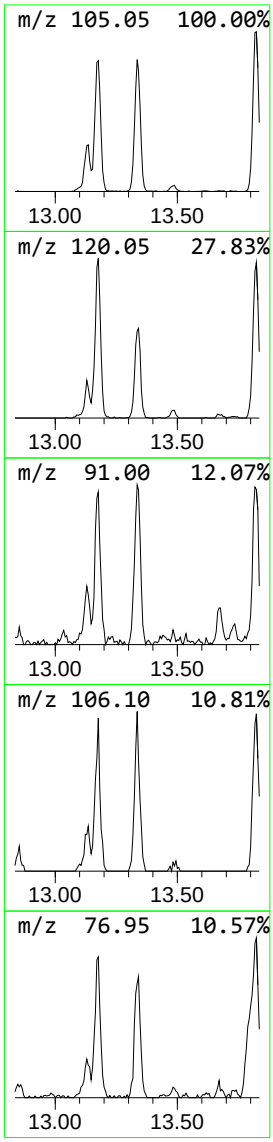
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	9.00 ug/l	483453	1,4-Dichlorobenzene-d4	13.794

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	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081495.D
Acq On : 20 Mar 2024 15:47
Operator : JC\MD
Sample : P1800-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1394

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

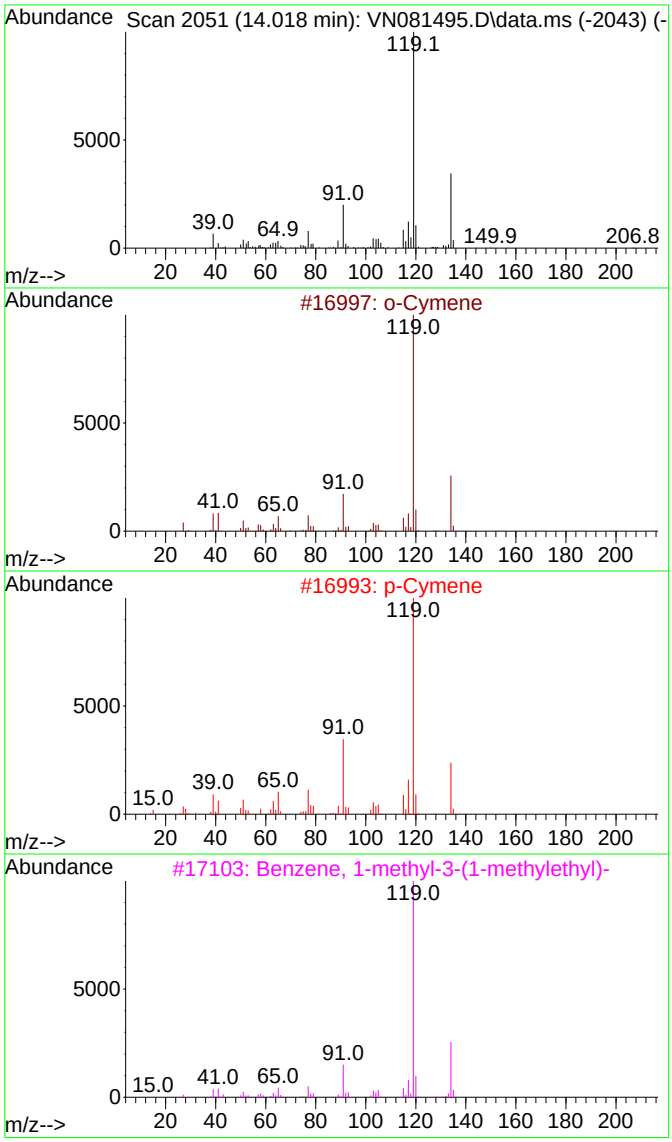
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

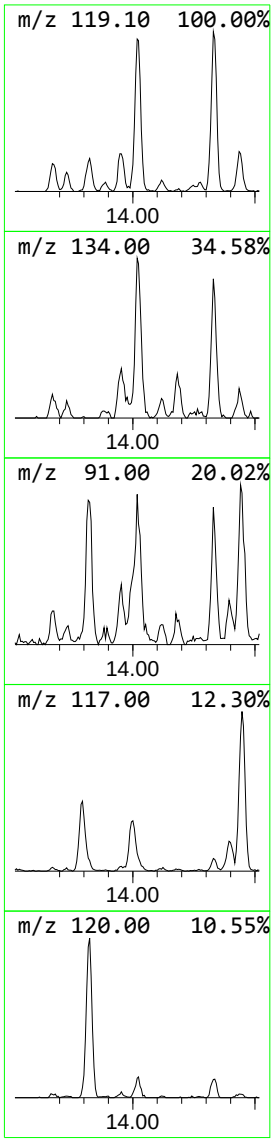
****

Peak Number 3 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.018	9.86 ug/l	529552	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081495.D
Acq On : 20 Mar 2024 15:47
Operator : JC\MD
Sample : P1800-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1394

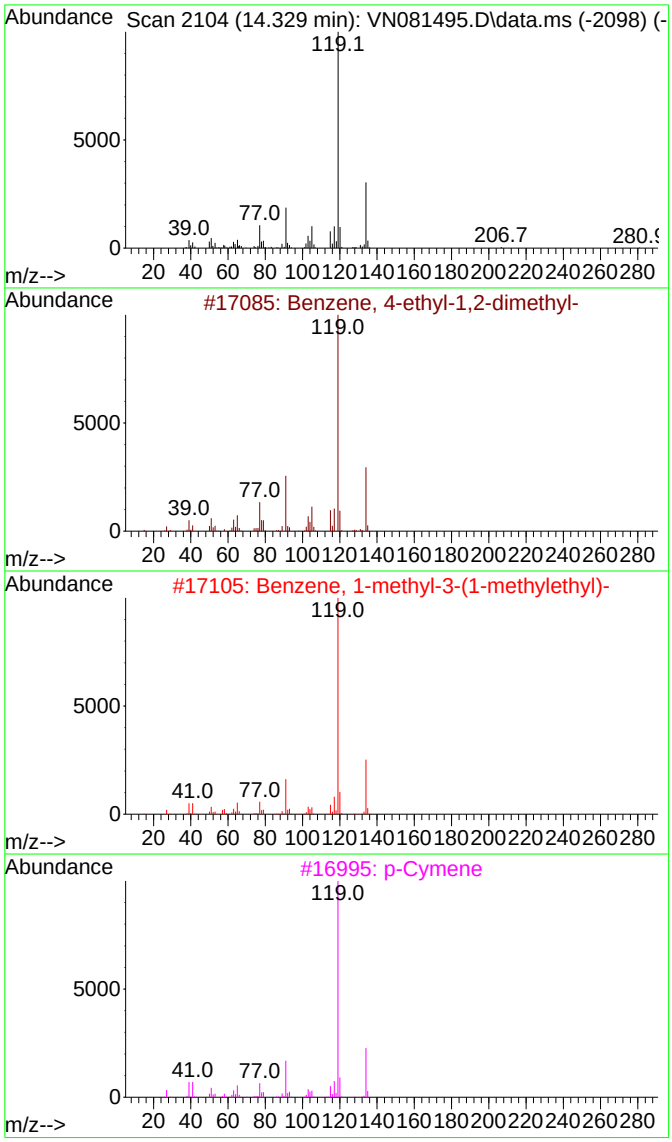
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

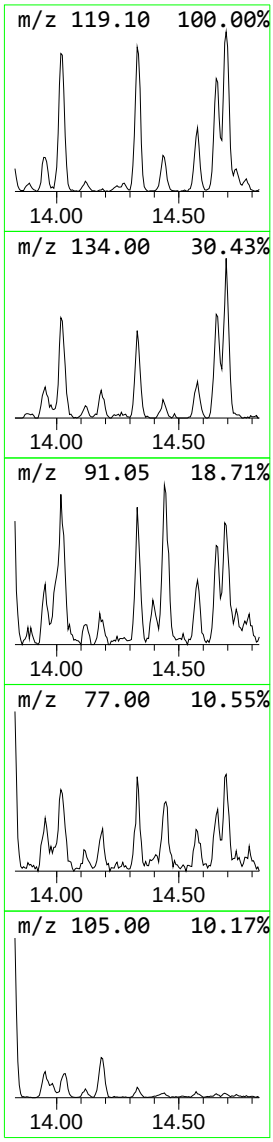
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.329	5.40 ug/l	289963	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081495.D
Acq On : 20 Mar 2024 15:47
Operator : JC\MD
Sample : P1800-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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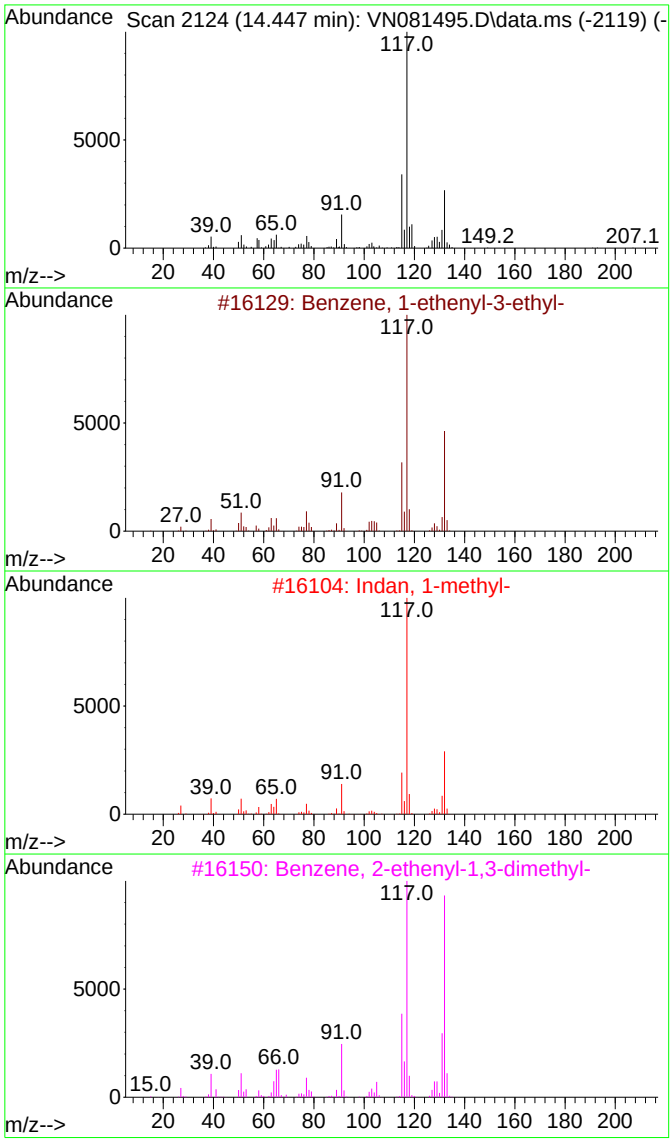
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

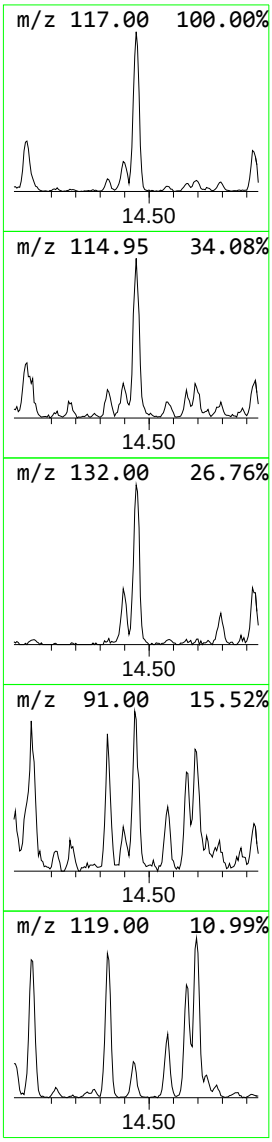
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.447	9.58 ug/l	514375	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	80
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081495.D
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Operator : JC\MD
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1394

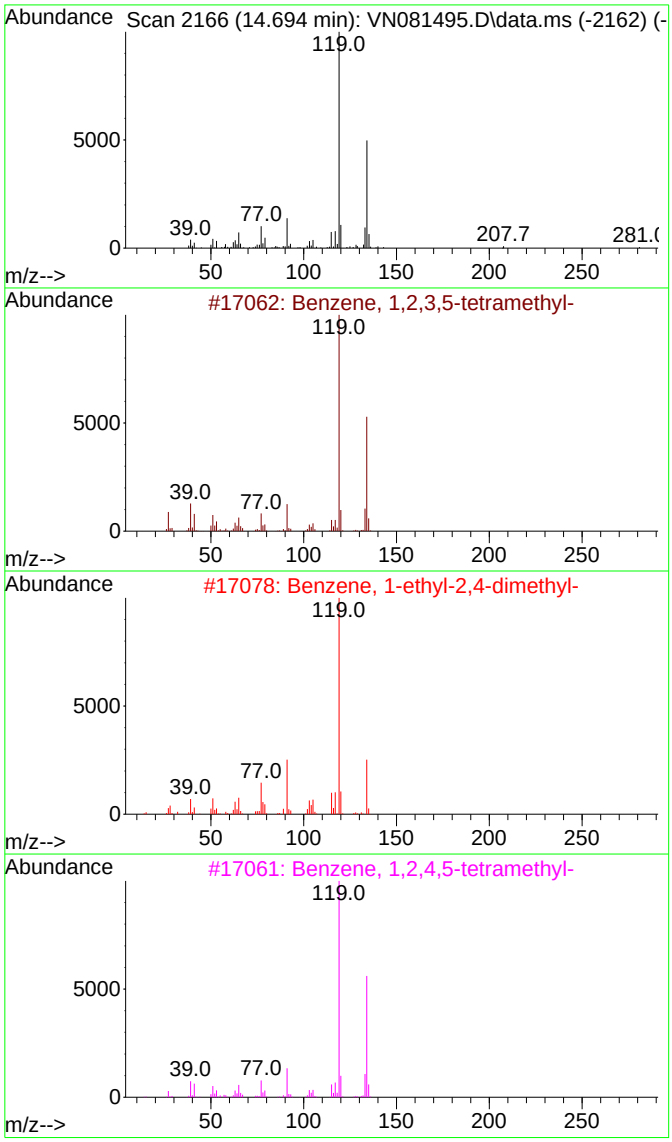
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

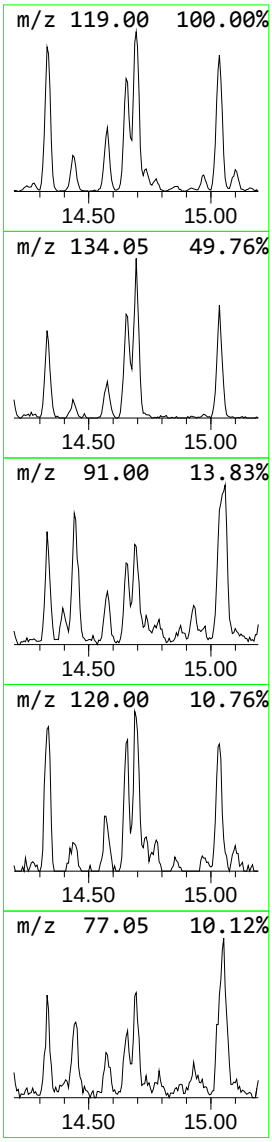
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.694	6.65 ug/l	357213	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081495.D
Acq On : 20 Mar 2024 15:47
Operator : JC\MD
Sample : P1800-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1394

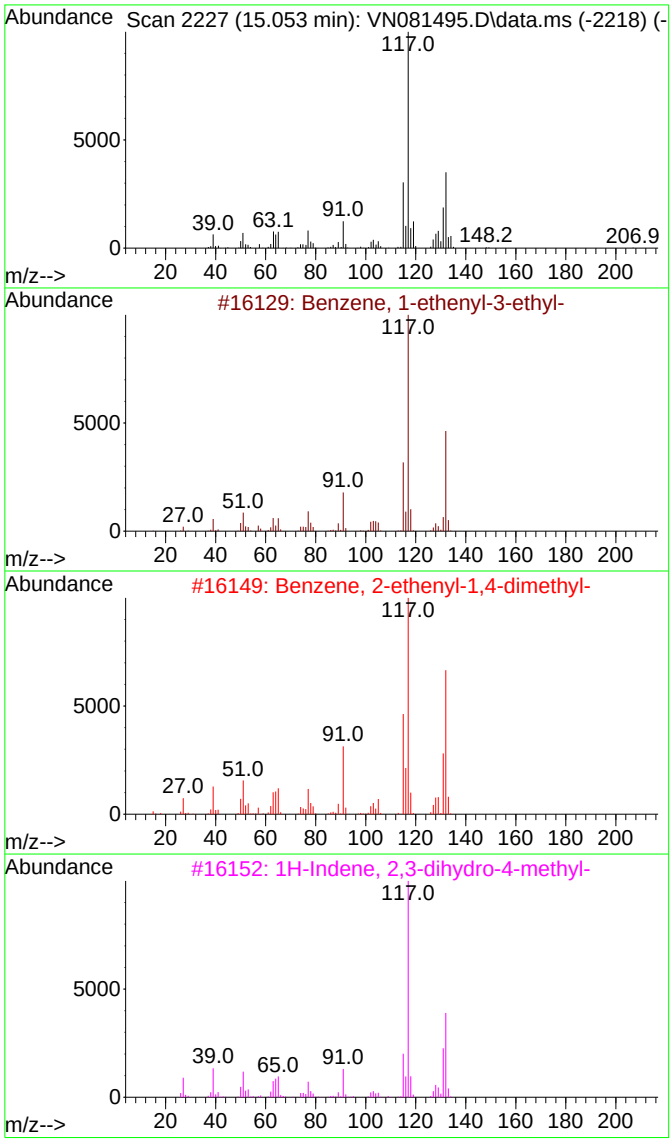
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

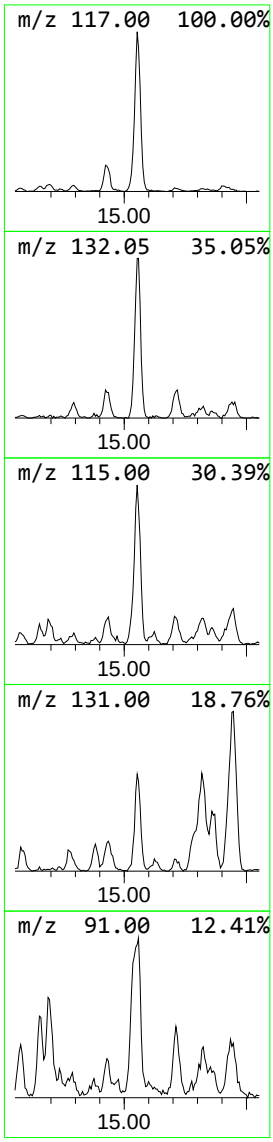
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.053	19.89 ug/l	1068160	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





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Data File : VN081495.D
Acq On : 20 Mar 2024 15:47
Operator : JC\MD
Sample : P1800-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1394

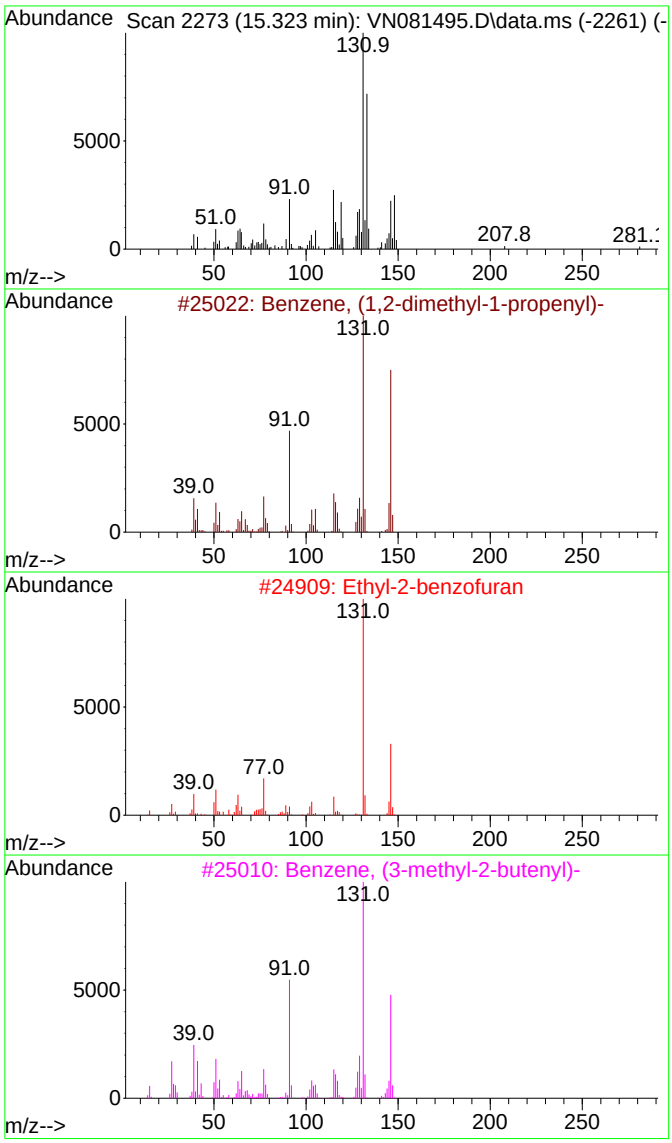
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

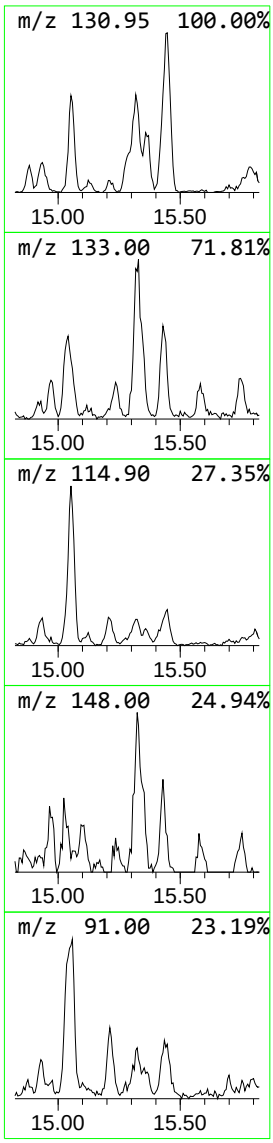
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.323	6.85 ug/l	367568	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
2	Ethyl-2-benzofuran	146	C10H10O	003131-63-3	83
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081495.D
Acq On : 20 Mar 2024 15:47
Operator : JC\MD
Sample : P1800-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1394

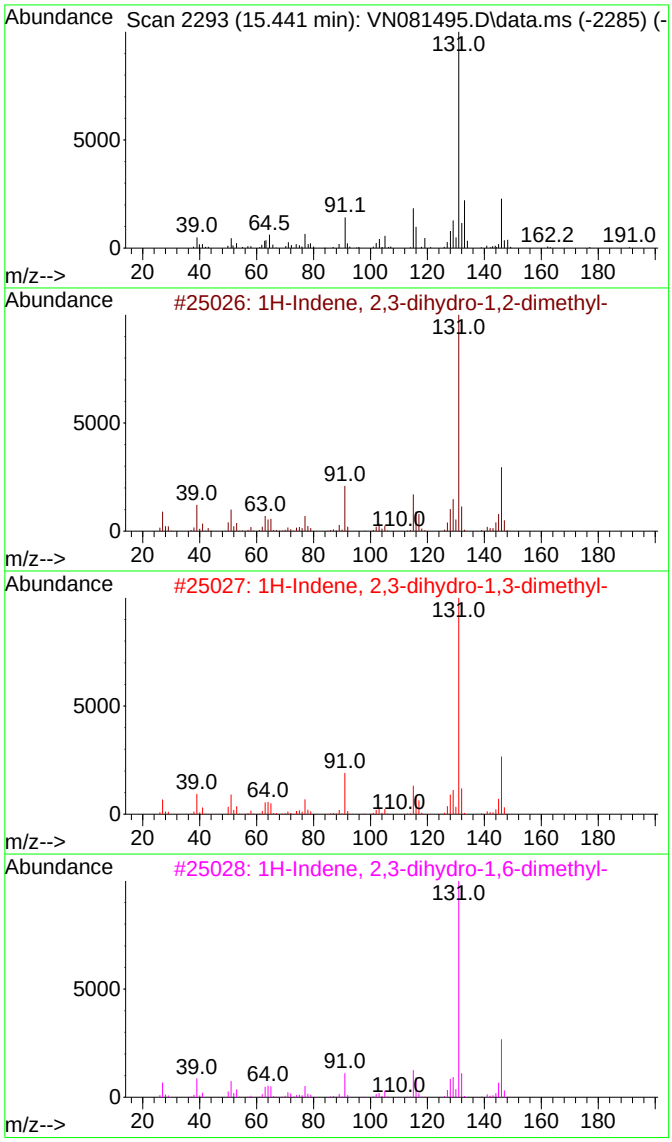
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

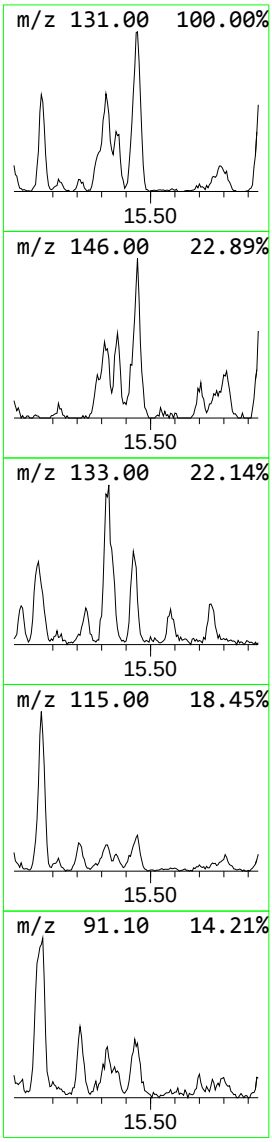
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.441	6.94 ug/l	372422	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	83
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081495.D
Acq On : 20 Mar 2024 15:47
Operator : JC\MD
Sample : P1800-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1394

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.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
1-Methoxy-2-pro...	12.024	11.4	ug/l	521788	3	11.865	2287280	50.0
Benzene, 1-ethy...	13.335	9.0	ug/l	483453	4	13.794	2684790	50.0
o-Cymene	14.018	9.9	ug/l	529552	4	13.794	2684790	50.0
Benzene, 4-ethy...	14.329	5.4	ug/l	289963	4	13.794	2684790	50.0
Benzene, 1-ethe...	14.447	9.6	ug/l	514375	4	13.794	2684790	50.0
Benzene, 1,2,3,...	14.694	6.7	ug/l	357213	4	13.794	2684790	50.0
Benzene, 2-ethe...	15.053	19.9	ug/l	1068160	4	13.794	2684790	50.0
Benzene, (1,2-d...	15.323	6.8	ug/l	367568	4	13.794	2684790	50.0
1H-Indene, 2,3-...	15.441	6.9	ug/l	372422	4	13.794	2684790	50.0