LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070137.D
Acq On : 16 Dec 2021 14:57
Operator : JC/MD
Sample : M5011-05
Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

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\82N120221W.M
Title : SW846 8260

Signal : TIC: VN070137.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.234	80	91	129	rVB3	83360	241777	1.59%	0.111%
2	5.074	1140	1150	1176	rVB5	51466	160809	1.05%	0.074%
3	6.074	1501	1523	1547	rBV3	50794	154185	1.01%	0.071%
4	7.018	1850	1875	1895	rBV2	100534	311406	2.04%	0.143%
5	7.120	1895	1913	1936	rVV3	61122	175651	1.15%	0.080%
6	7.354	1983	2000	2035	rVB	83675	265963	1.74%	0.122%
7	8.019	2225	2248	2257	rBV	950533	2343343	15.37%	1.073%
8	8.078	2259	2270	2288	rVV	1822797	4449426	29.18%	2.037%
9	8.161	2288	2301	2326	rVB2	393260	1002255	6.57%	0.459%
10	8.284	2326	2347	2365	rBV3	383865	894733	5.87%	0.410%
11	8.434	2382	2403	2428	rBV	1186047	2710932	17.78%	1.241%
12	8.606	2433	2467	2493	rBV2	981245	2964032	19.44%	1.357%
13	8.818	2524	2546	2574	rBV2	356298	785251	5.15%	0.360%
14	8.963	2578	2600	2629	rBV	3004568	6521954	42.77%	2.986%
15	9.255	2698	2709	2733	rVB7	66928	185607	1.22%	0.085%
16	9.451	2749	2782	2794	rBV2	763209	1877955	12.31%	0.860%
17	9.507	2794	2803	2820	rVV2	367477	731393	4.80%	0.335%
18	9.585	2821	2832	2841	rVV2	87201	174200	1.14%	0.080%
19	9.633	2843	2850	2863	rVV3	111087	203652	1.34%	0.093%
20	9.727	2864	2885	2902	rVV5	131613	337556	2.21%	0.155%
21	9.877	2926	2941	2963	rVB2	986410	2045202	13.41%	0.936%
22	10.011	2964	2991	3004	rBV3	1330823	3081920	20.21%	1.411%
23	10.076	3005	3015	3024	rBV2	532925	955481	6.27%	0.437%
24	10.212	3046	3066	3093	rBV2	711741	1742197	11.42%	0.798%
25	10.368	3111	3124	3136	rVB	969900	1705845	11.19%	0.781%
26	10.440	3136	3151	3172	rBV	4710333	9034642	59.25%	4.136%
27	10.623	3204	3219	3233	rVB2	871134	1716130	11.25%	0.786%
28	10.784	3268	3279	3295	rBV7	127116	342322	2.24%	0.157%
29	10.880	3296	3315	3334	rVB8	384462	1237399	8.11%	0.567%
30	10.961	3336	3345	3359	rVB	230526	414939	2.72%	0.190%
31	11.052	3359	3379	3391	rBV3	286138	594574	3.90%	0.272%
32	11.154	3407	3417	3433	rVB	388804	798944	5.24%	0.366%
33	11.344	3481	3488	3499	rBV5	126203	192040	1.26%	0.088%
34	11.454	3520	3529	3537	rBV	281677	413129	2.71%	0.189%
35	11.527	3540	3556	3581	rVB3	1276434	3029057	19.86%	1.387%
36	11.626	3581	3593	3616	rBV	1042907	1897376	12.44%	0.869%

LSC Area Percent Report

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Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : SW846 8260

37	11.747	3620	3638	3653	rBV	4790601	8891205	58.31%	4.071%
38	11.811	3656	3662	3666	rVV2	284610	390698	2.56%	0.179%
39	11.846	3667	3675	3694	rVB	939665	1639100	10.75%	0.750%
40	11.953	3698	3715	3739	rVB3	3453018	7470730	48.99%	3.420%
41	12.184	3792	3801	3812	rVB5	367264	606300	3.98%	0.278%
42	12.253	3817	3827	3830	rBV3	593480	803545	5.27%	0.368%
43	12.366	3862	3869	3880	rVB	637257	1003405	6.58%	0.459%
44	12.734	3998	4006	4015	rVB	2959091	4456360	29.22%	2.040%
45	12.876	4050	4059	4065	rBV4	416666	734949	4.82%	0.336%
46	12.919	4067	4075	4086	rVB	1570611	2519512	16.52%	1.154%
47	12.983	4087	4099	4107	rBV	4269734	7246301	47.52%	3.318%
48	13.055	4118	4126	4153	rVB3	4283275	8320764	54.56%	3.810%
49	13.222	4172	4188	4205	rBV	2220401	4857267	31.85%	2.224%
50	13.369	4230	4243	4255	rBV	9557964	15249370	100.00%	6.982%
51	13.608	4324	4332	4338	rBV2	794217	1096722	7.19%	0.502%
52	13.675	4347	4357	4365	rBV	5050575	8113540	53.21%	3.715%
53	13.839	4408	4418	4422	rBV	1630408	2338576	15.34%	1.071%
54	13.871	4423	4430	4437	rVV3	4023437	6837537	44.84%	3.130%
55	13.911	4438	4445	4466	rVB4	4695561	9590379	62.89%	4.391%
56	13.994	4467	4476	4488	rBV3	1577256	2418941	15.86%	1.107%
57	14.069	4496	4504	4515	rVB	1179400	1786151	11.71%	0.818%
58	14.131	4517	4527	4532	rBV	2269299	3438626	22.55%	1.574%
59	14.217	4548	4559	4572	rBV	4674662	7328979	48.06%	3.356%
60	14.327	4589	4600	4612	rVB3	2522571	4240052	27.80%	1.941%
61	14.463	4642	4651	4661	rBV4	897561	1523859	9.99%	0.698%
62	14.541	4673	4680	4687	rBV	1799270	2461252	16.14%	1.127%
63	14.579	4688	4694	4702	rVV	2607363	3366766	22.08%	1.541%
64	14.622	4703	4710	4718	rVV2	2247061	3018290	19.79%	1.382%
65	14.662	4719	4725	4739	rVB	1406265	2025098	13.28%	0.927%
66	14.764	4754	4763	4771	rBV	1354919	1818064	11.92%	0.832%
67	14.812	4771	4781	4788	rBV5	2336591	4085545	26.79%	1.871%
68	14.930	4808	4825	4836	rBV5	3547127	9236278	60.57%	4.229%
69	14.981	4838	4844	4858	rVB	1291221	2138107	14.02%	0.979%
70	15.158	4903	4910	4911	rBV6	379473	358026	2.35%	0.164%
71	15.196	4914	4924	4953	rVV4	2384841	6667520	43.72%	3.053%
72	15.314	4955	4968	4985	rVB5	1889895	4385782	28.76%	2.008%
73	15.472	5016	5027	5030	rBV7	493119	787999	5.17%	0.361%
74	15.504	5033	5039	5052	rVB2	1217300	1982007	13.00%	0.907%
75	15.614	5069	5080	5091	rBV4	867489	1582526	10.38%	0.725%
76	15.804	5136	5151	5168	rBV2	1023543	2345789	15.38%	1.074%

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Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Title : SW846 8260

77	16.188	5282	5294	5329	rVB6	467870	1505671	9.87%	0.689%
78	16.617	5440	5454	5488	rVB	837208	2056009	13.48%	0.941%

Sum of corrected areas: 218416874

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Operator : JC/MD
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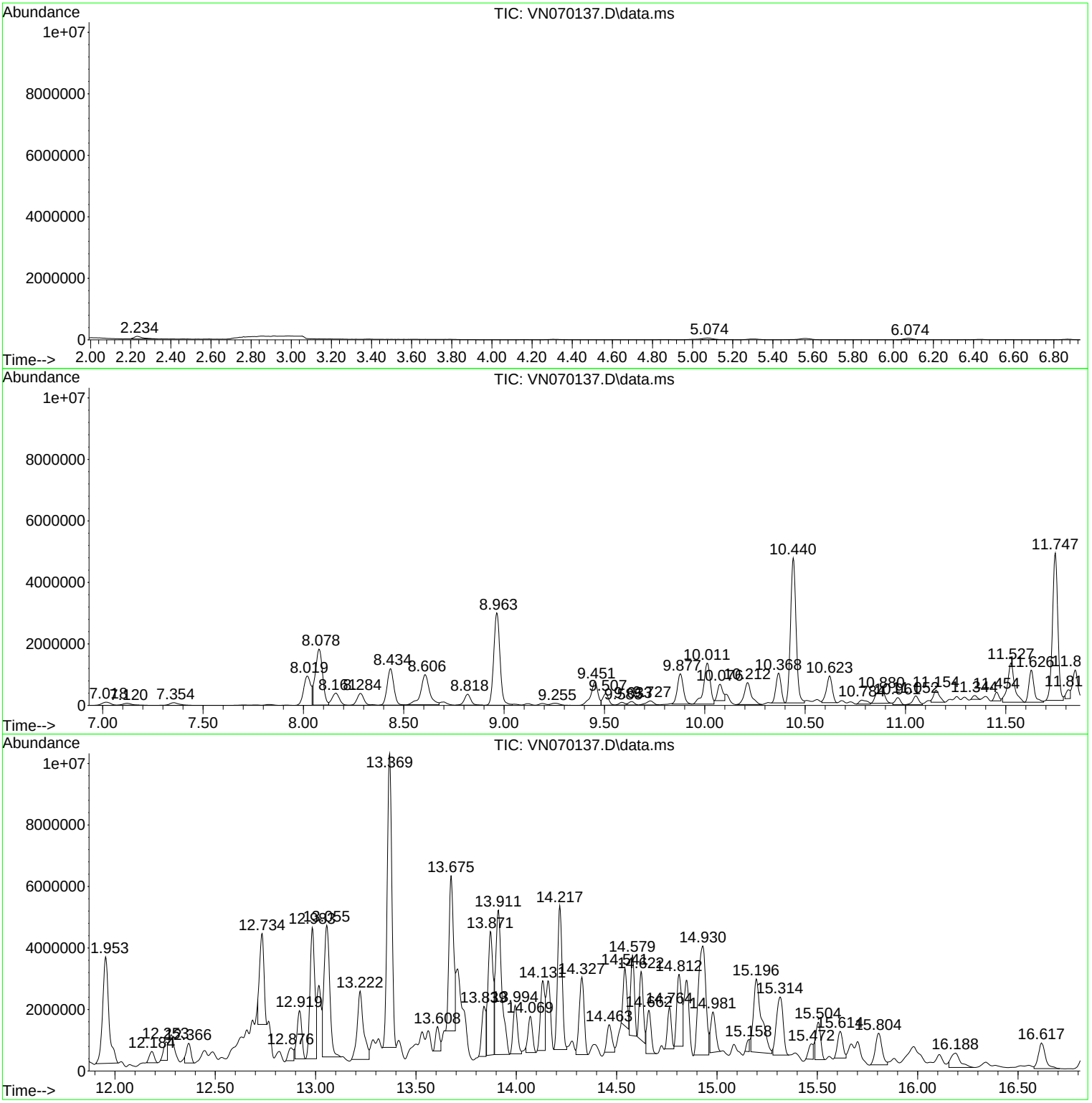
Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070137.D
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Operator : JC/MD
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Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

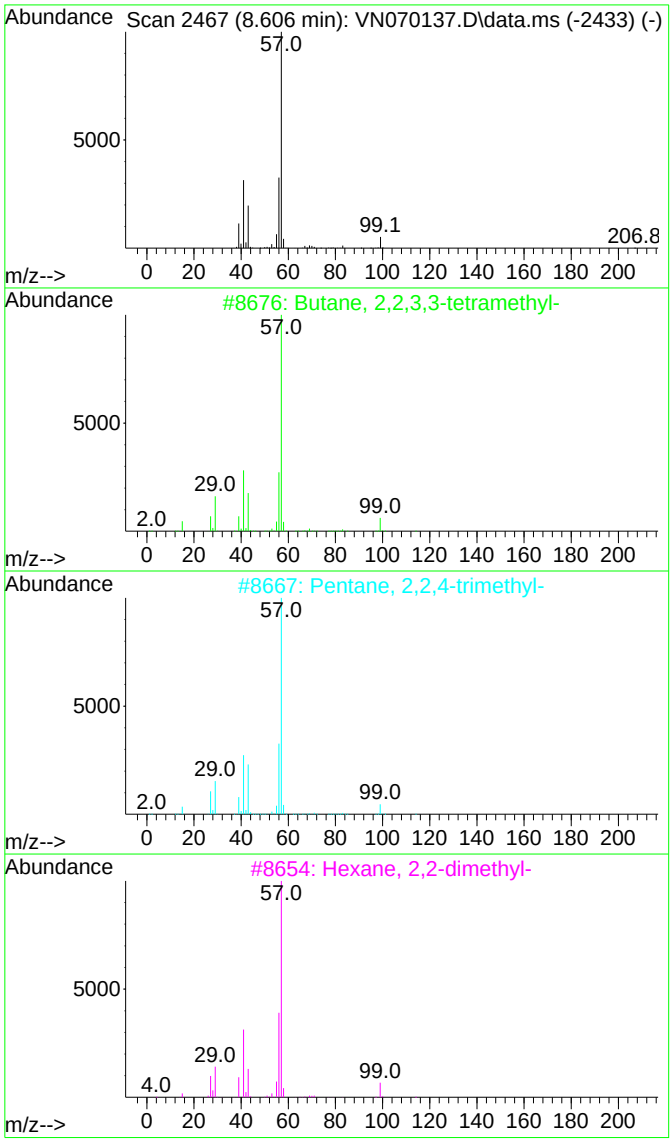
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

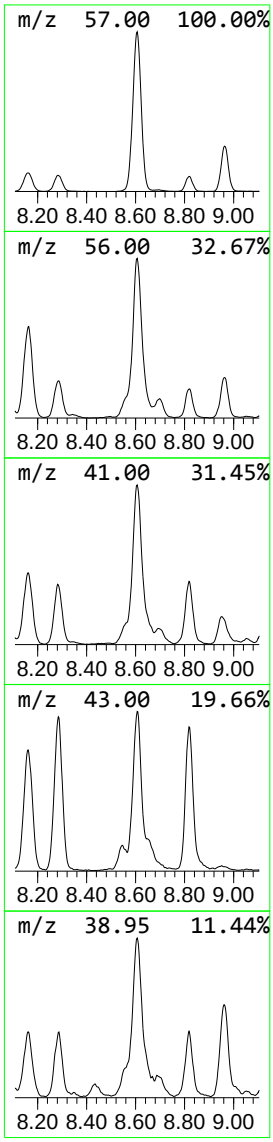
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.606	22.72 ug/l	2964030	1,4-Difluorobenzene	8.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070137.D
Acq On : 16 Dec 2021 14:57
Operator : JC/MD
Sample : M5011-05
Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

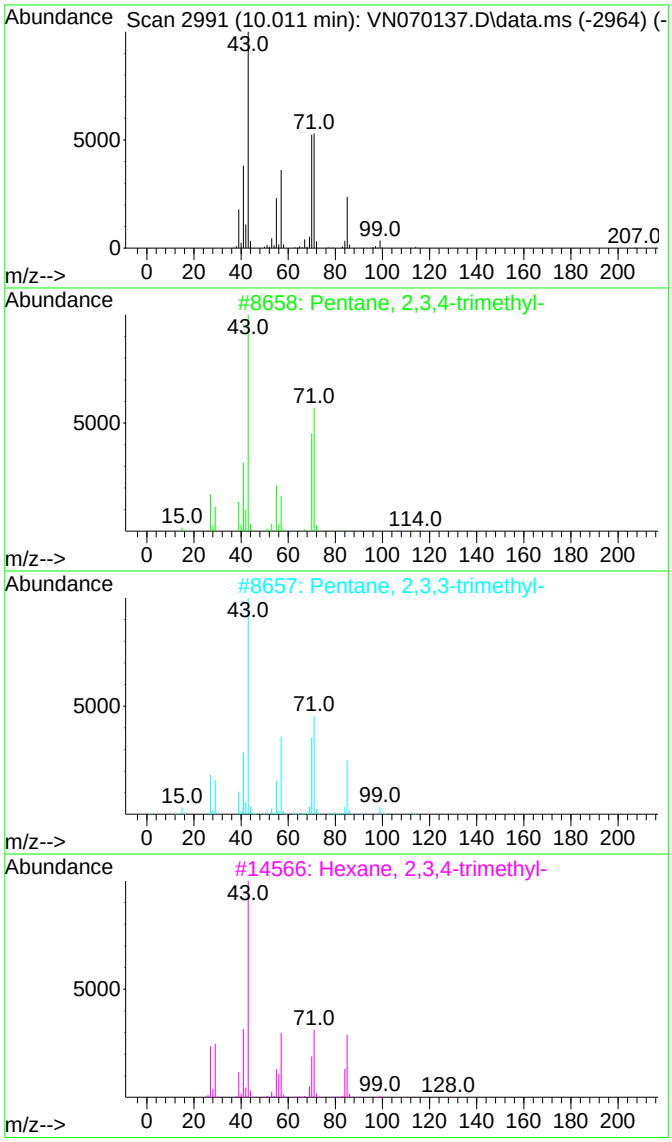
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

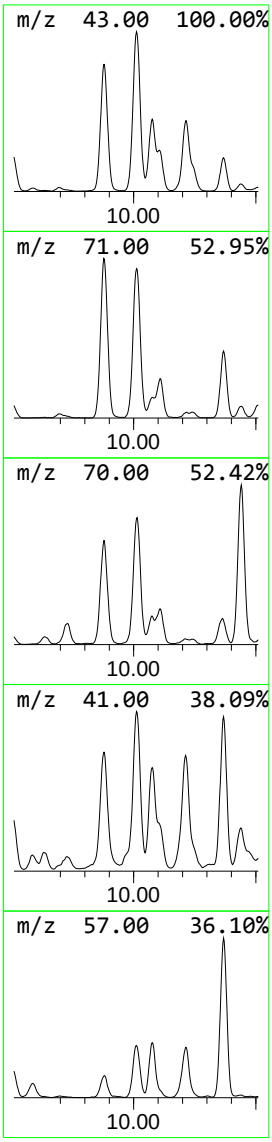
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.011	23.63 ug/l	3081920	1,4-Difluorobenzene	8.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	74
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4	Diisoamyl ether	158	C10H22O	000544-01-4	59
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53





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Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

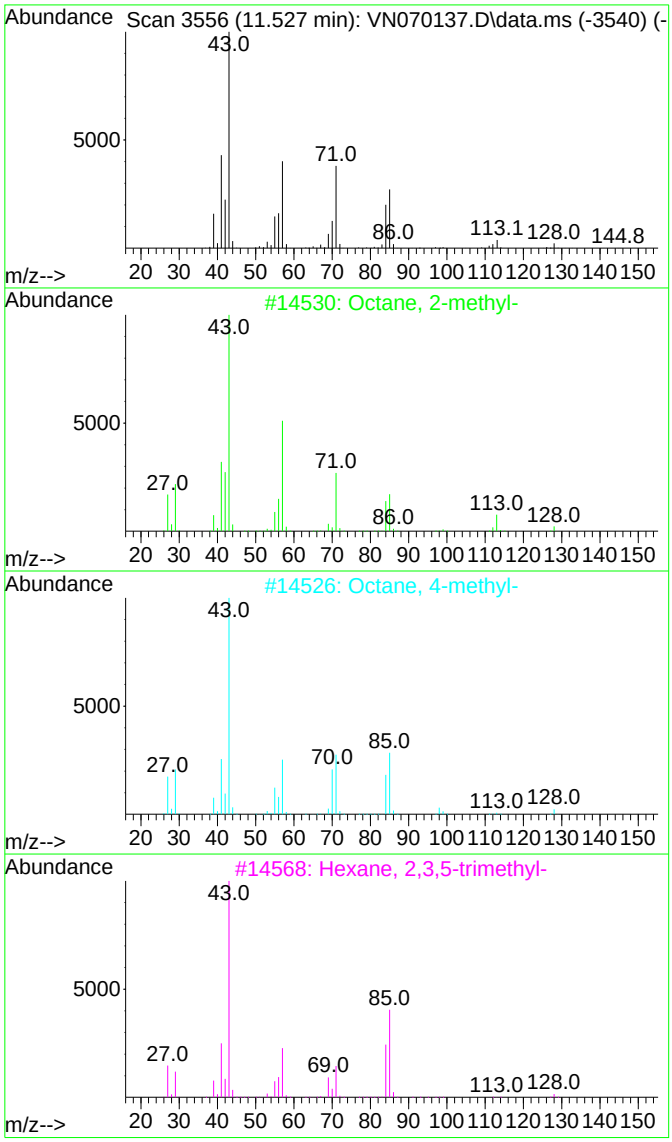
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

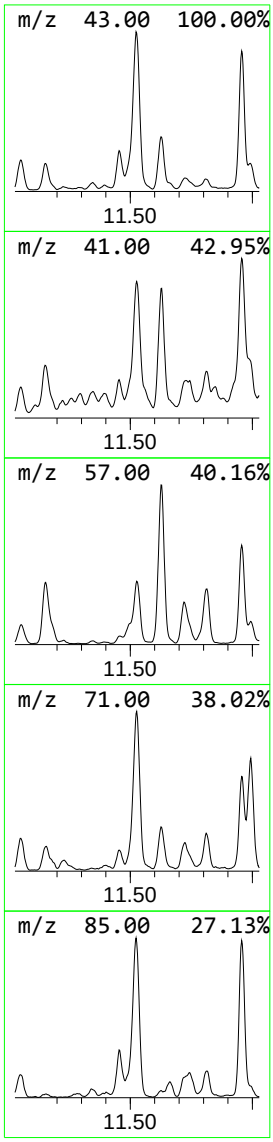
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.527	17.03 ug/l	3029060	Chlorobenzene-d5	11.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	81
2	Octane, 4-methyl-	128	C9H20	002216-34-4	64
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	58
4	Dodecane, 5-methyl-	184	C13H28	017453-93-9	53
5	Octane	114	C8H18	000111-65-9	53





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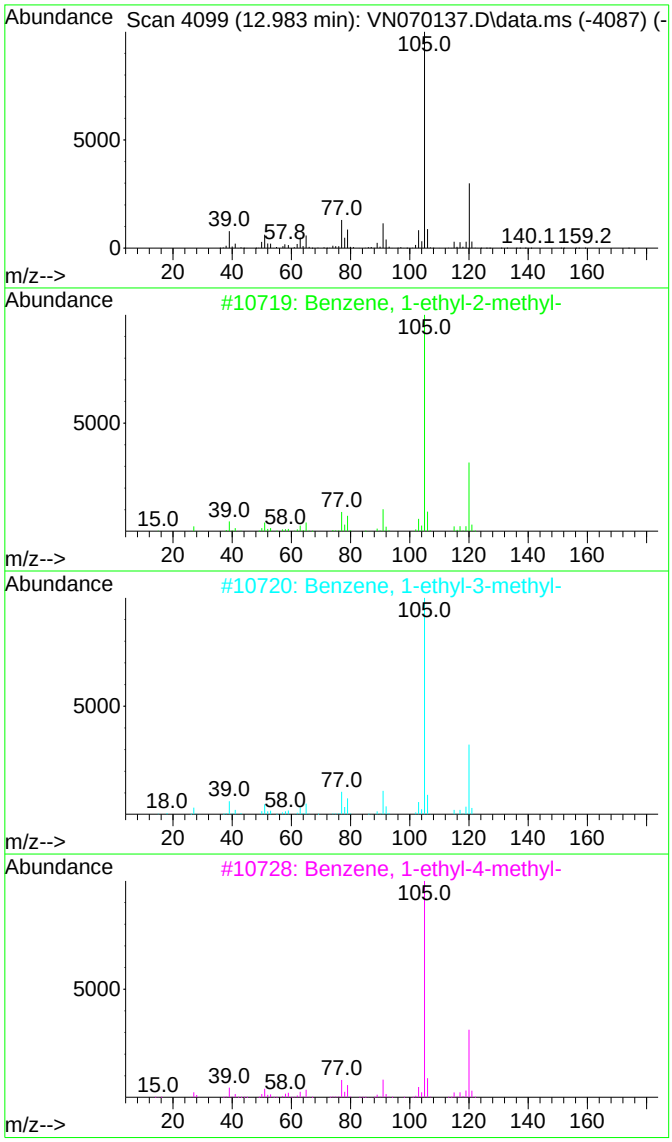
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

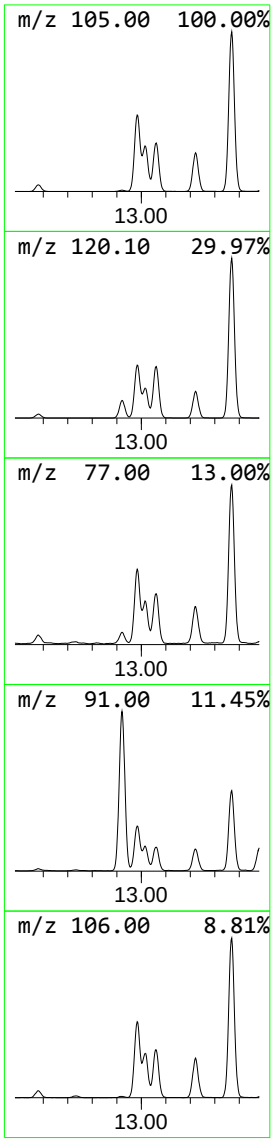
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.983	44.66 ug/l	7246300	1,4-Dichlorobenzene-d4	13.675

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	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

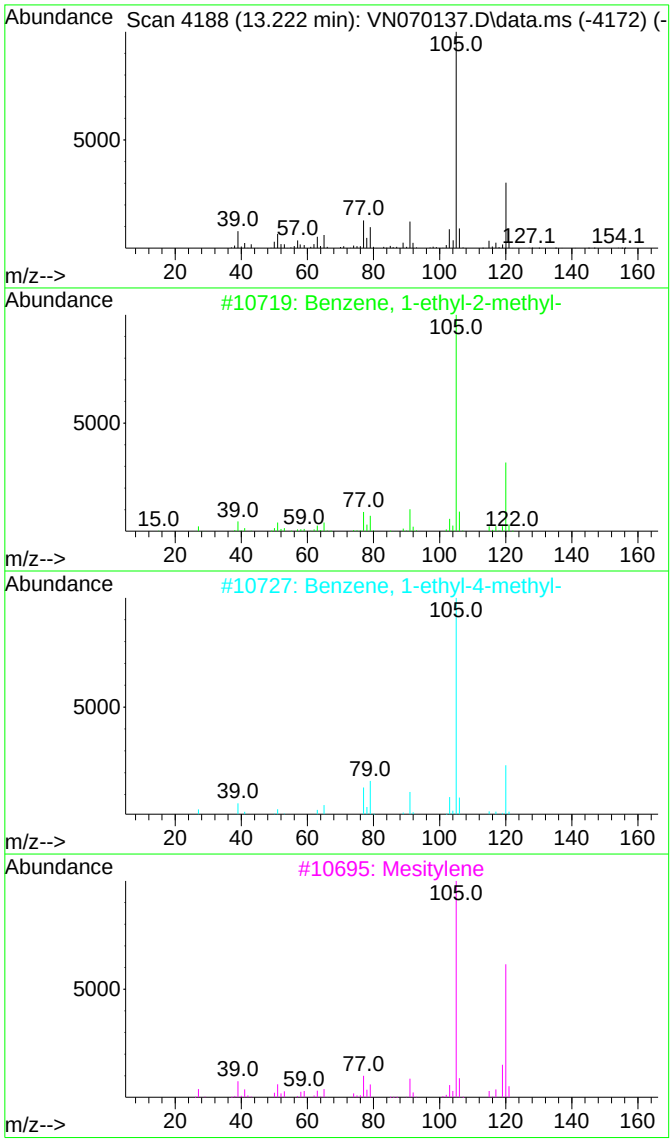
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

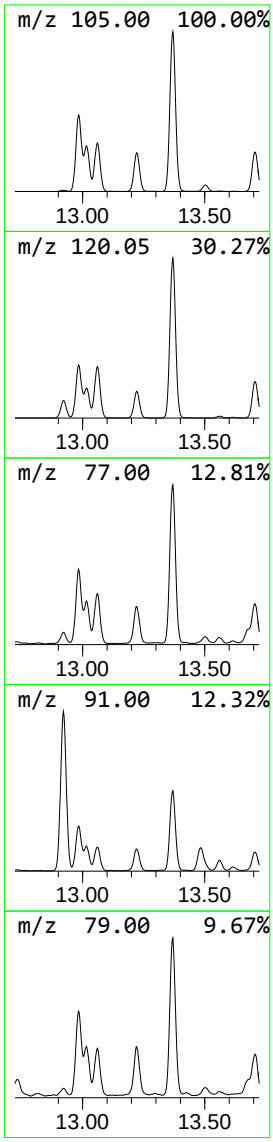
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	29.93 ug/l	4857270	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070137.D
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HSB-3-(9.5-10)

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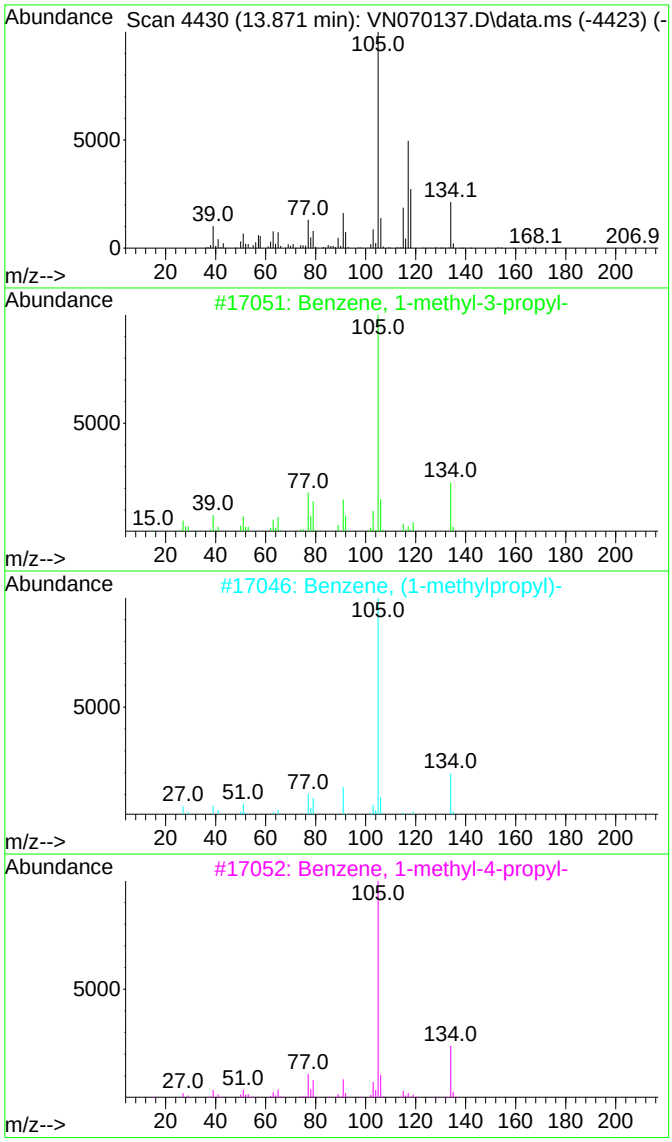
Quant Title : SW846 8260

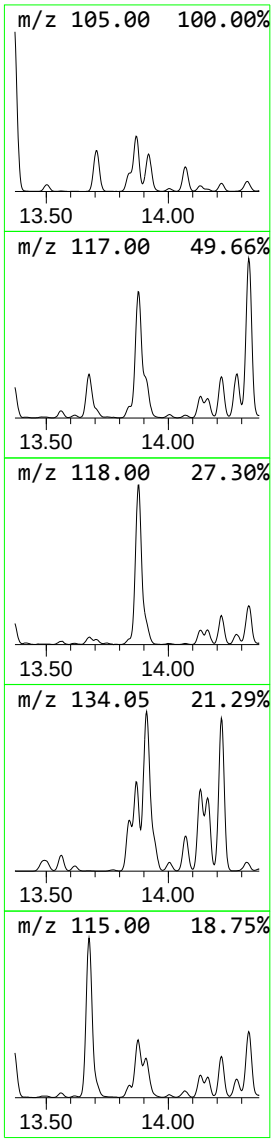
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.871	42.14 ug/l	6837540	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	50
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	30
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	30





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Data File : VN070137.D
Acq On : 16 Dec 2021 14:57
Operator : JC/MD
Sample : M5011-05
Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

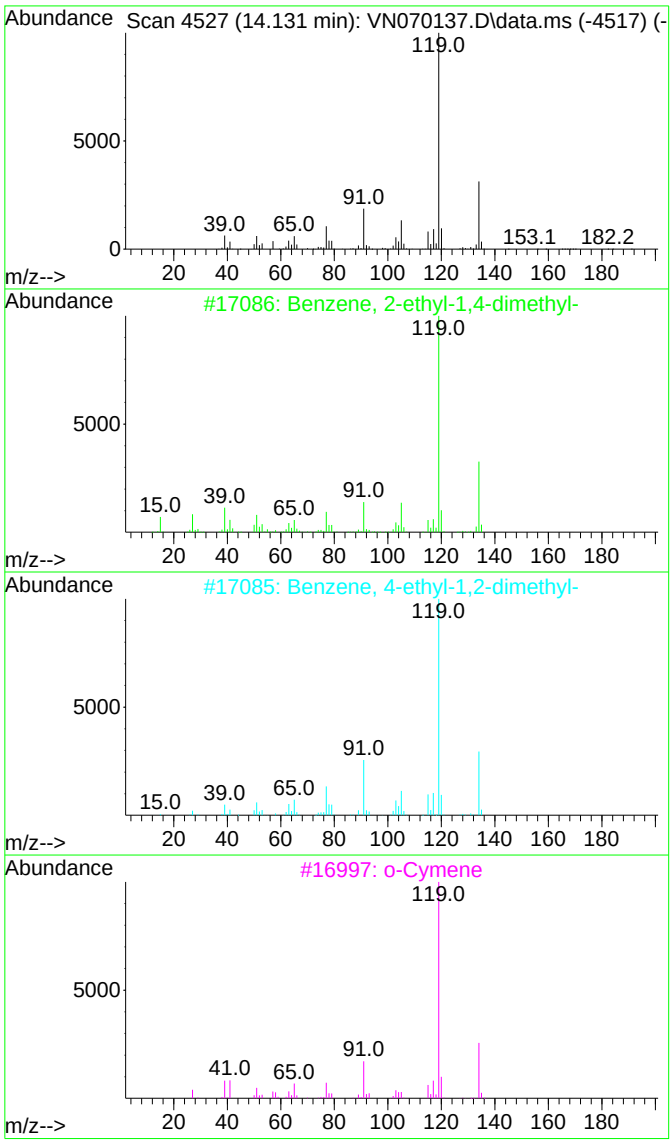
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

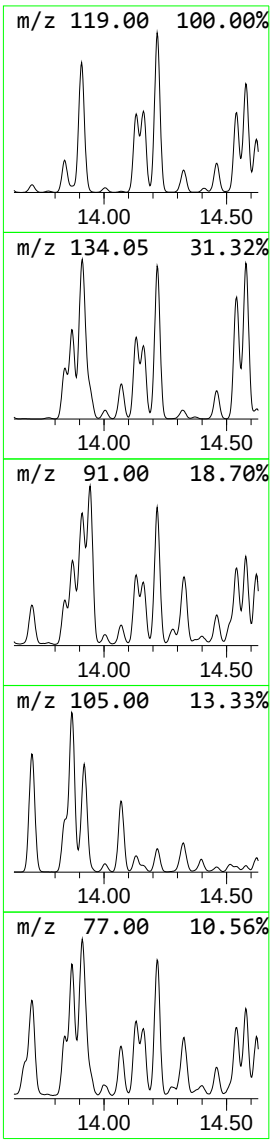
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.131	21.19 ug/l	3438630	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Data File : VN070137.D
Acq On : 16 Dec 2021 14:57
Operator : JC/MD
Sample : M5011-05
Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

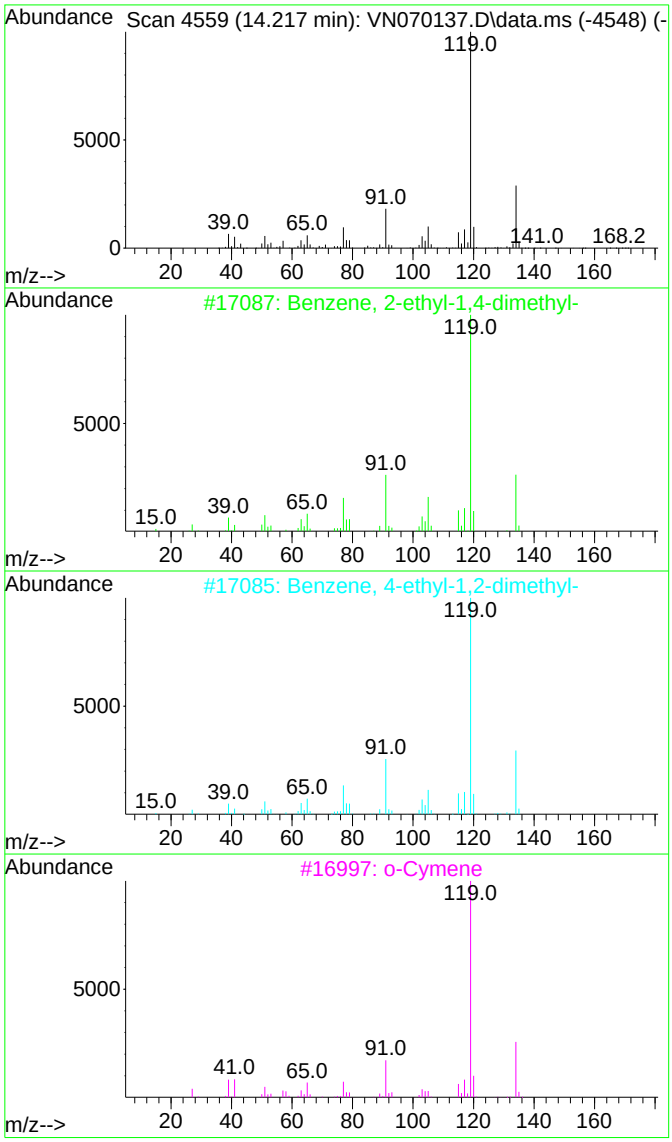
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

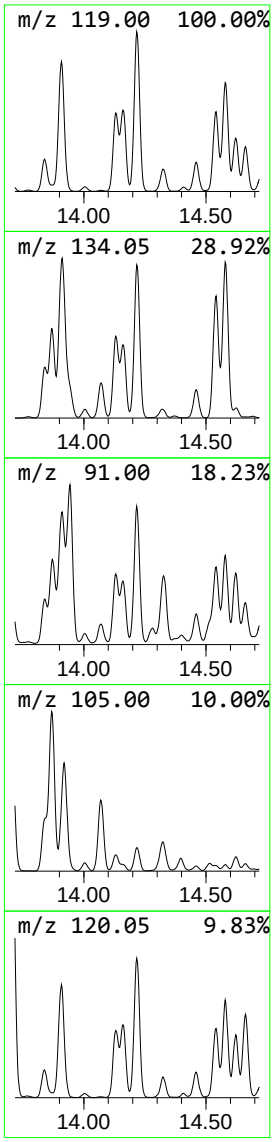
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.217	45.17 ug/l	7328980	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Data File : VN070137.D
Acq On : 16 Dec 2021 14:57
Operator : JC/MD
Sample : M5011-05
Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

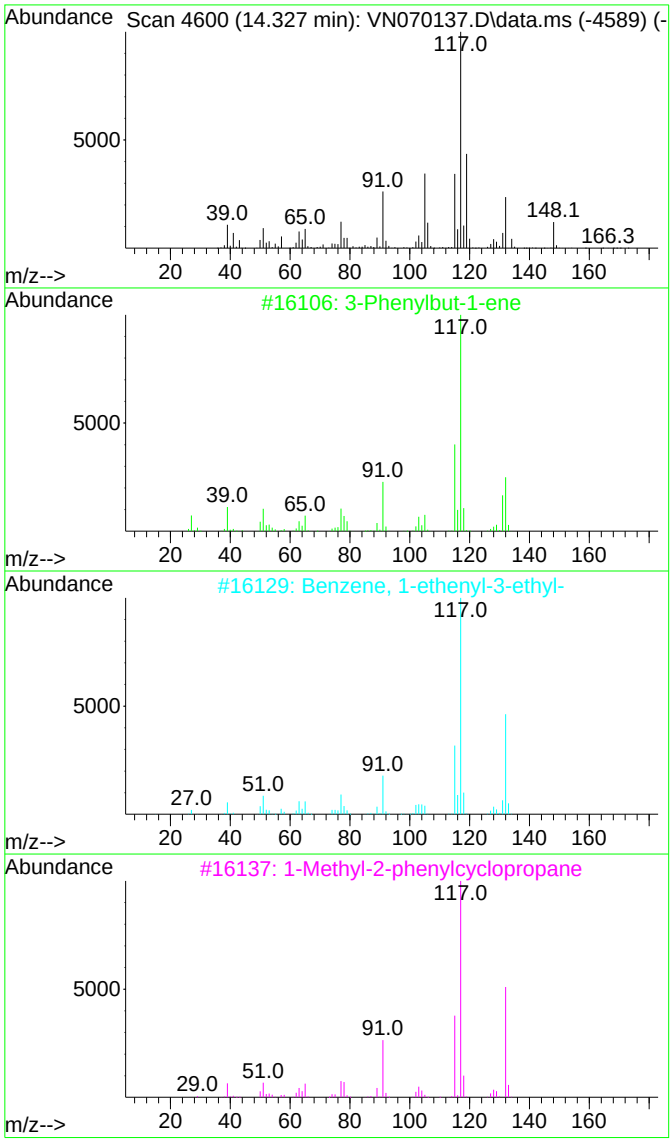
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

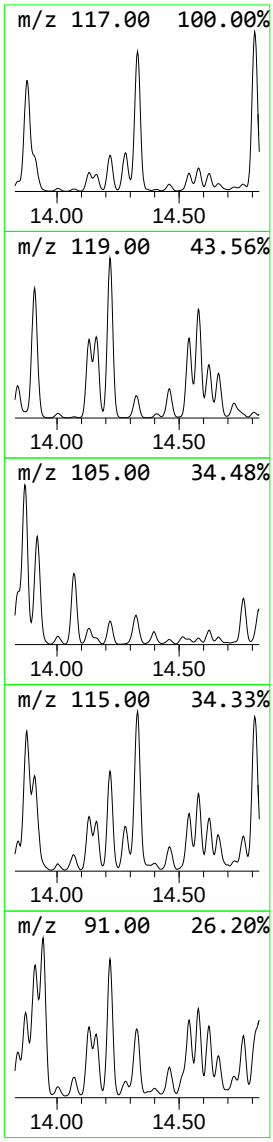
****

Peak Number 9 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.327	26.13 ug/l	4240050	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	78
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60





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Data File : VN070137.D
Acq On : 16 Dec 2021 14:57
Operator : JC/MD
Sample : M5011-05
Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

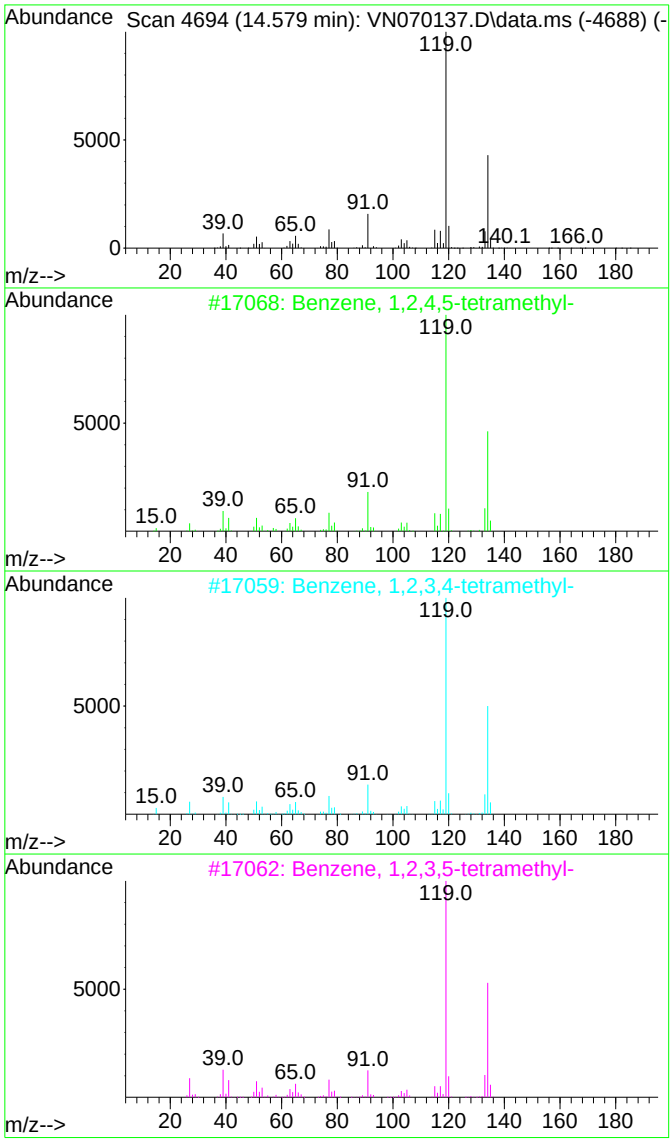
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

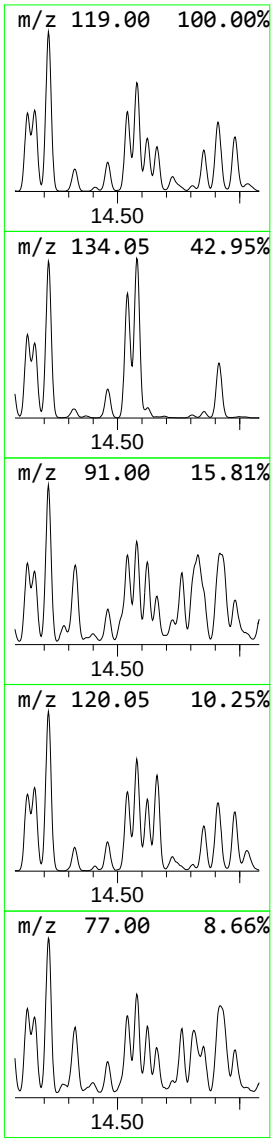
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.579	20.75 ug/l	3366770	1,4-Dichlorobenzene-d4	13.675

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





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Acq On : 16 Dec 2021 14:57
Operator : JC/MD
Sample : M5011-05
Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

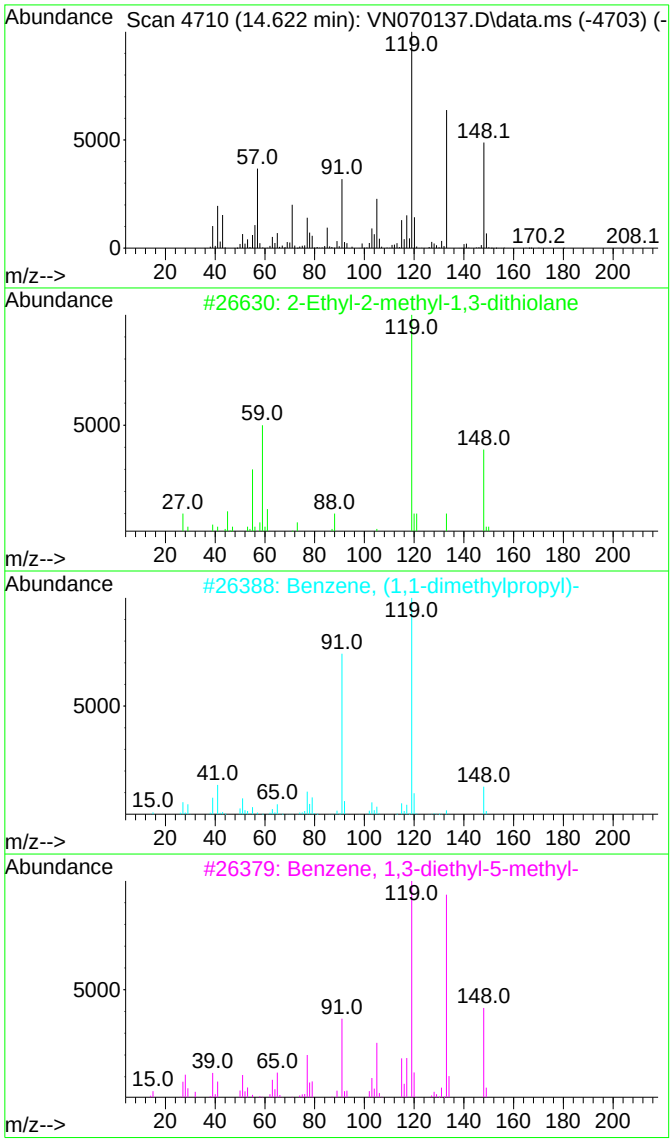
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

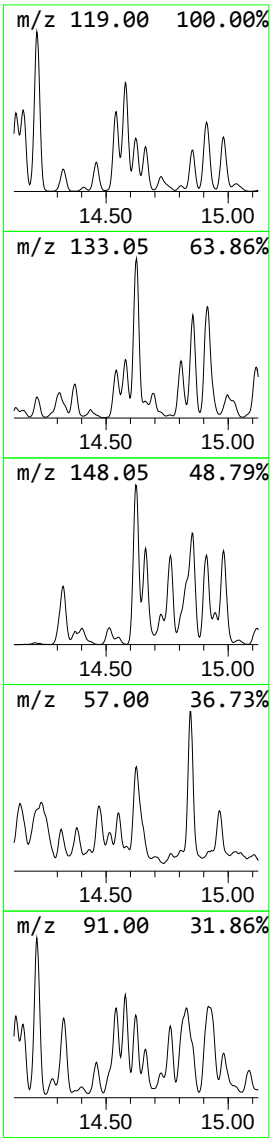
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 unknown14.622 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.622	18.60 ug/l	3018290	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	49
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	47
4	4'-Methylpropiophenone	148	C10H12O	005337-93-9	46
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	45





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Data File : VN070137.D
Acq On : 16 Dec 2021 14:57
Operator : JC/MD
Sample : M5011-05
Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

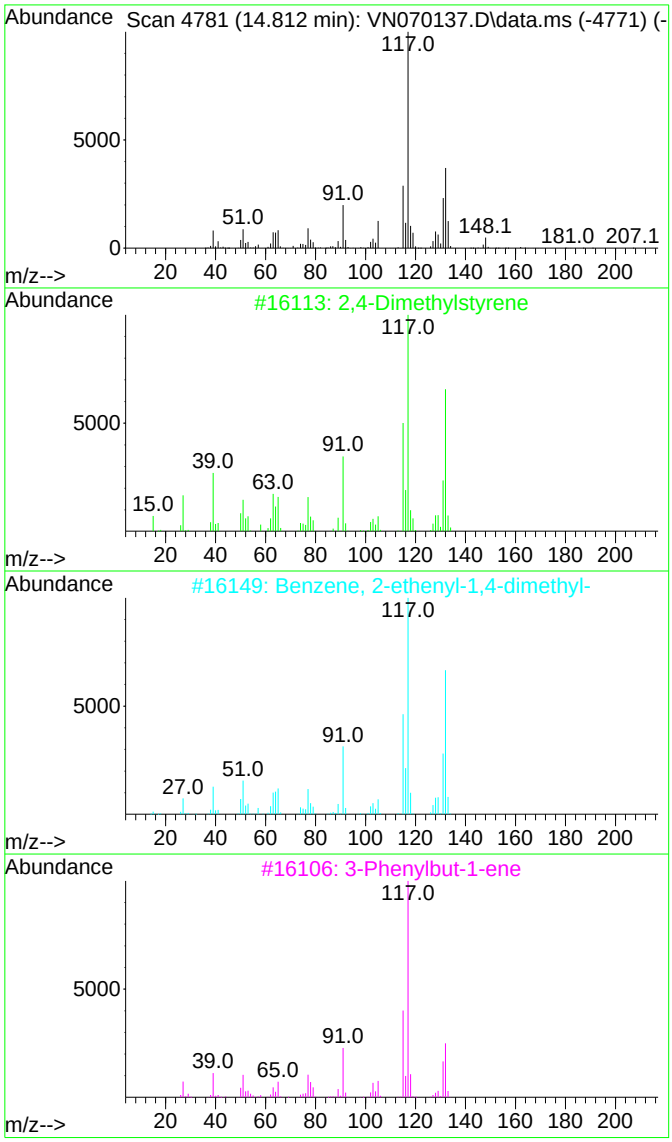
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

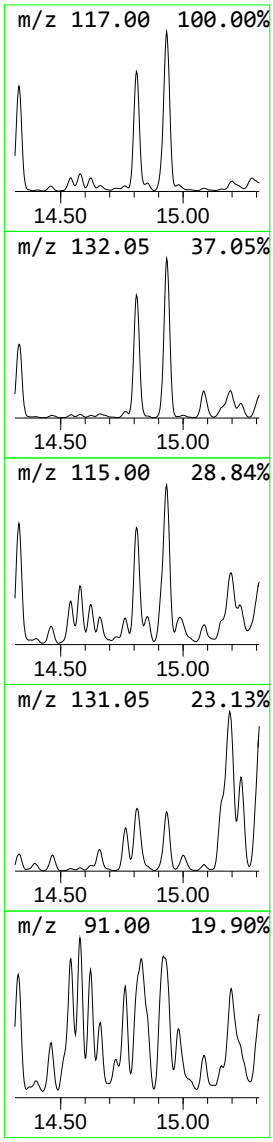
****

Peak Number 12 2,4-Dimethylstyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.812	25.18 ug/l	4085550	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





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Acq On : 16 Dec 2021 14:57
Operator : JC/MD
Sample : M5011-05
Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

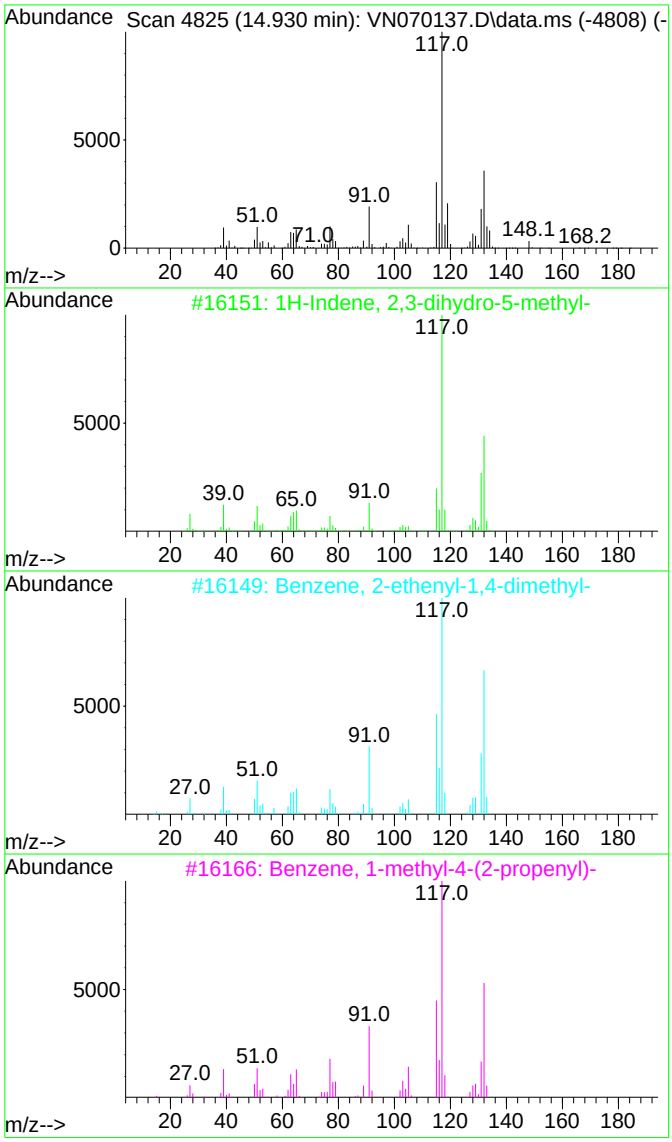
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

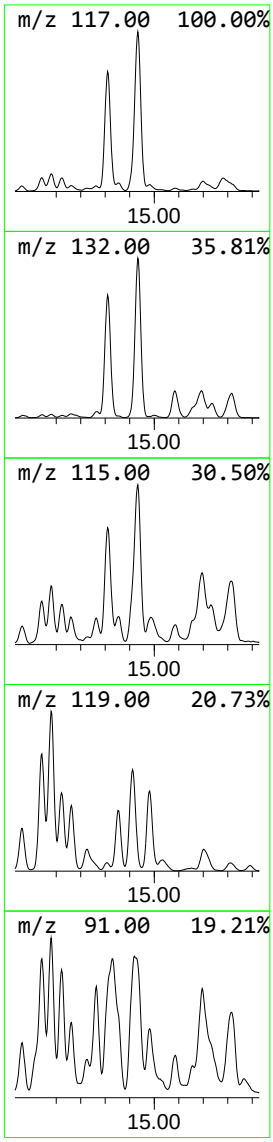
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.930	56.92 ug/l	9236280	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





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Data File : VN070137.D
Acq On : 16 Dec 2021 14:57
Operator : JC/MD
Sample : M5011-05
Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

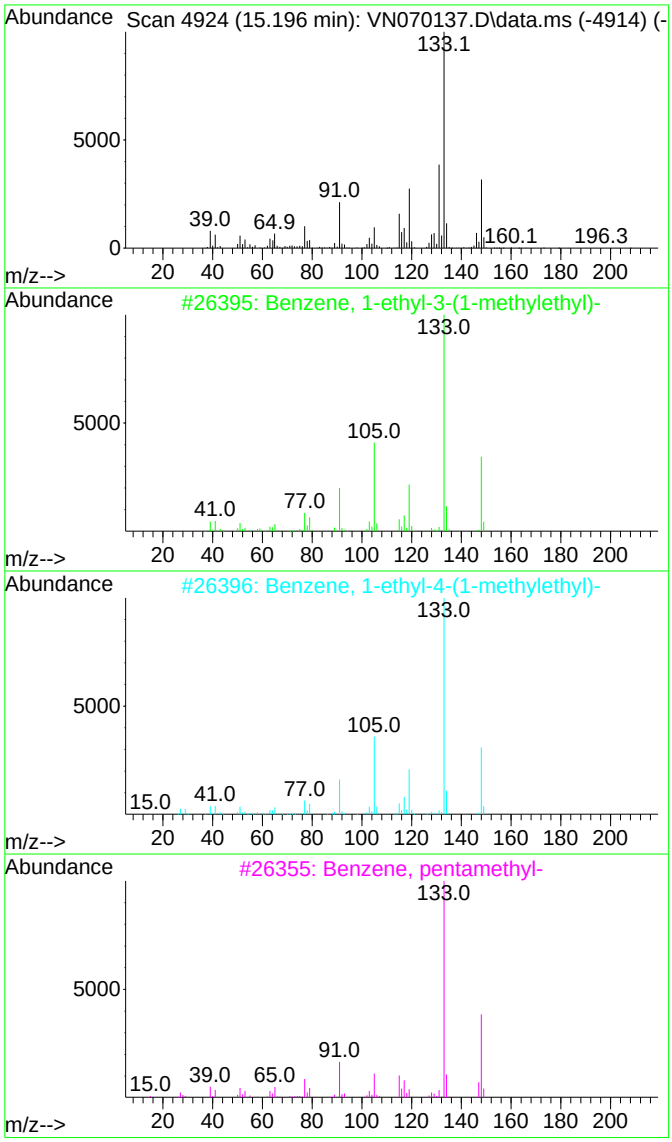
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

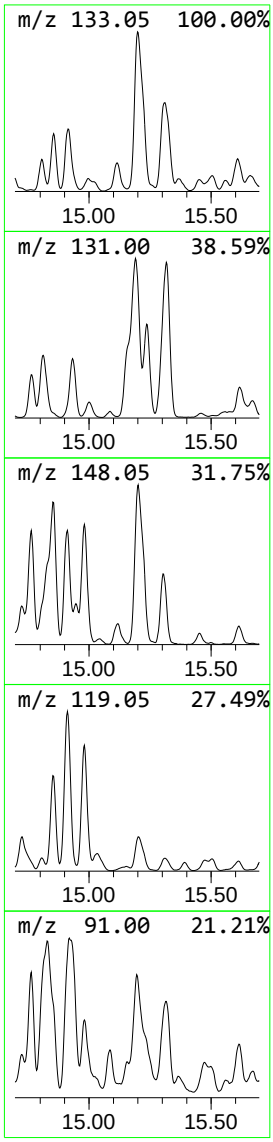
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.196	41.09 ug/l	6667520	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	70
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	60
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070137.D
Acq On : 16 Dec 2021 14:57
Operator : JC/MD
Sample : M5011-05
Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

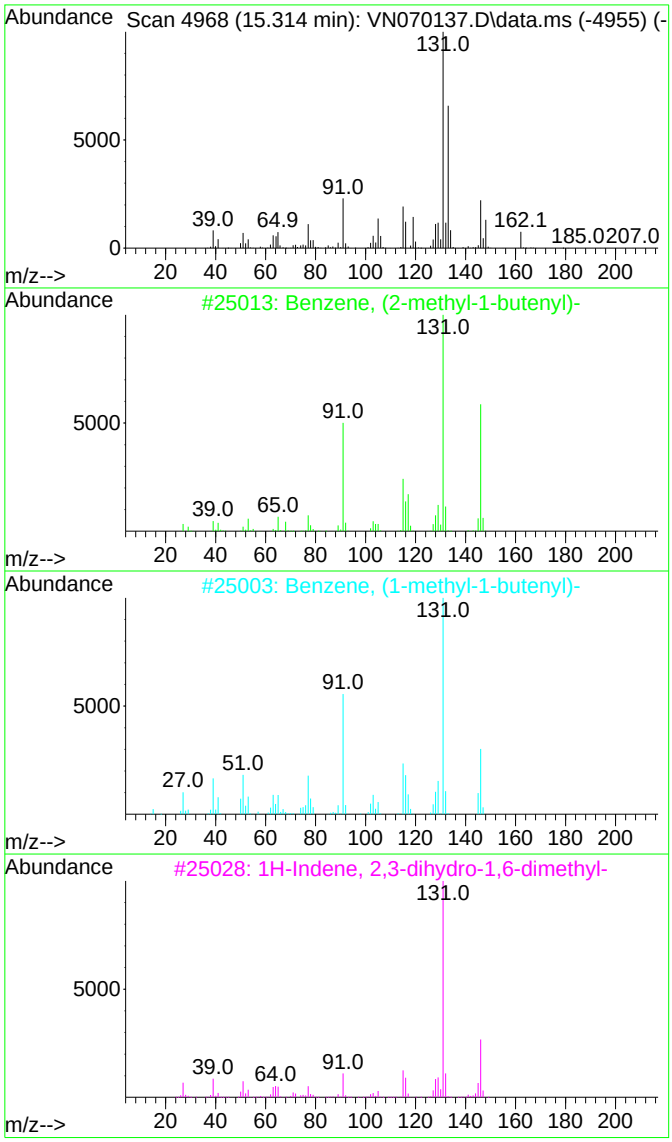
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

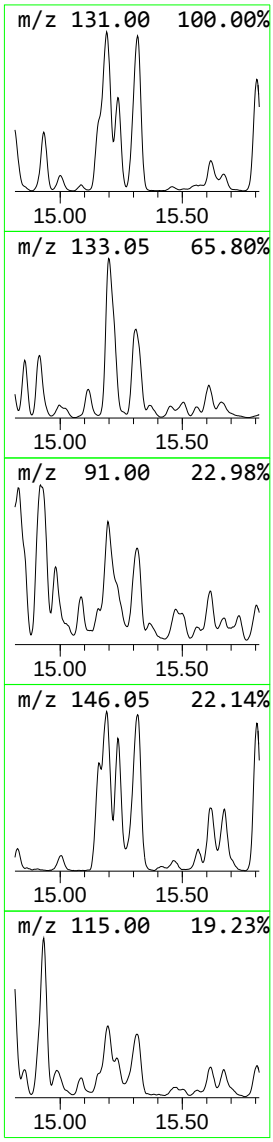
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.314	27.03 ug/l	4385780	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	92
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070137.D
Acq On : 16 Dec 2021 14:57
Operator : JC/MD
Sample : M5011-05
Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-3-(9.5-10)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.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
Butane, 2,2,3,3...	8.606	22.7	ug/l	2964030	2	8.965	6521950	50.0
Pentane, 2,3,4-...	10.011	23.6	ug/l	3081920	2	8.965	6521950	50.0
Octane, 2-methyl-	11.527	17.0	ug/l	3029060	3	11.747	8891210	50.0
Benzene, 1-ethy...	12.983	44.7	ug/l	7246300	4	13.675	8113540	50.0
Benzene, 1-ethy...	13.222	29.9	ug/l	4857270	4	13.675	8113540	50.0
Benzene, 1-meth...	13.871	42.1	ug/l	6837540	4	13.675	8113540	50.0
Benzene, 2-ethy...	14.131	21.2	ug/l	3438630	4	13.675	8113540	50.0
Benzene, 4-ethy...	14.217	45.2	ug/l	7328980	4	13.675	8113540	50.0
3-Phenylbut-1-ene	14.327	26.1	ug/l	4240050	4	13.675	8113540	50.0
Benzene, 1,2,4,...	14.579	20.8	ug/l	3366770	4	13.675	8113540	50.0
unknown14.622	14.622	18.6	ug/l	3018290	4	13.675	8113540	50.0
2,4-Dimethylsty...	14.812	25.2	ug/l	4085550	4	13.675	8113540	50.0
1H-Indene, 2,3-...	14.930	56.9	ug/l	9236280	4	13.675	8113540	50.0
Benzene, 1-ethy...	15.196	41.1	ug/l	6667520	4	13.675	8113540	50.0
Benzene, (2-met...	15.314	27.0	ug/l	4385780	4	13.675	8113540	50.0