LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
Data File : VN070676.D
Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

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\82N011822W.M
Title : SW846 8260

Signal : TIC: VN070676.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.127	407	424	453	rVB2	312249	743917	11.44%	0.652%
2	3.507	549	566	592	rBV	202883	495077	7.62%	0.434%
3	3.985	723	744	768	rBV3	35821	99066	1.52%	0.087%
4	4.248	818	842	871	rBV5	25707	102196	1.57%	0.090%
5	5.141	1122	1175	1208	rBV2	502200	2414854	37.15%	2.118%
6	5.615	1319	1352	1386	rBV2	336728	1169918	18.00%	1.026%
7	5.932	1443	1470	1496	rVB5	24956	80238	1.23%	0.070%
8	6.117	1511	1539	1575	rBV	330554	1024963	15.77%	0.899%
9	6.466	1644	1669	1694	rVB2	82891	260863	4.01%	0.229%
10	6.602	1698	1720	1744	rBV6	42680	137285	2.11%	0.120%
11	6.897	1807	1830	1857	rBV6	88088	271987	4.18%	0.239%
12	7.045	1857	1885	1904	rBV2	380661	1176275	18.10%	1.032%
13	7.144	1904	1922	1944	rVB3	385865	1112612	17.12%	0.976%
14	7.841	2165	2182	2201	rVB5	150585	408230	6.28%	0.358%
15	8.021	2226	2249	2256	rBV	675108	1559578	23.99%	1.368%
16	8.080	2258	2271	2290	rVV2	2001622	5396670	83.02%	4.733%
17	8.174	2290	2306	2330	rVB2	987732	2509115	38.60%	2.200%
18	8.295	2331	2351	2371	rBV	896142	2059481	31.68%	1.806%
19	8.437	2385	2404	2432	rBV	837567	1946761	29.95%	1.707%
20	8.614	2435	2470	2494	rVV	2259008	6500522	100.00%	5.701%
21	8.705	2495	2504	2526	rVB3	172147	419578	6.45%	0.368%
22	8.826	2528	2549	2577	rVB2	578526	1256561	19.33%	1.102%
23	8.965	2580	2601	2629	rBV	2302907	5104016	78.52%	4.476%
24	9.123	2649	2660	2675	rVB2	74453	143275	2.20%	0.126%
25	9.199	2675	2688	2695	rVV4	36864	75642	1.16%	0.066%
26	9.247	2696	2706	2737	rVB4	77735	230927	3.55%	0.203%
27	9.456	2751	2784	2795	rBV2	1024734	2611324	40.17%	2.290%
28	9.510	2796	2804	2821	rVV	577679	1105741	17.01%	0.970%
29	9.590	2821	2834	2842	rVV2	113923	232056	3.57%	0.204%
30	9.638	2843	2852	2865	rVV2	184939	352789	5.43%	0.309%
31	9.730	2865	2886	2903	rVB6	138696	364291	5.60%	0.319%
32	9.882	2927	2943	2963	rVB	1237876	2513384	38.66%	2.204%
33	10.017	2965	2993	3005	rBV3	1590817	3618582	55.67%	3.173%
34	10.078	3006	3016	3025	rBV2	650875	1145903	17.63%	1.005%
35	10.215	3046	3067	3093	rBV2	894348	2112128	32.49%	1.852%
36	10.322	3094	3107	3111	rBV4	72938	125525	1.93%	0.110%

LSC Area Percent Report

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Sample : N1145-08 10X
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

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\82N011822W.M
Title : SW846 8260

37	10.368	3112	3124	3136	rVV2	595149	1061204	16.32%	0.931%
38	10.440	3136	3151	3176	rVV	3384999	6478376	99.66%	5.681%
39	10.623	3204	3219	3233	rVB3	722086	1438739	22.13%	1.262%
40	10.682	3234	3241	3251	rVB3	63771	93350	1.44%	0.082%
41	10.784	3268	3279	3296	rBV5	87988	224888	3.46%	0.197%
42	10.877	3296	3314	3335	rBV10	264596	787678	12.12%	0.691%
43	10.963	3336	3346	3359	rVB2	178867	323181	4.97%	0.283%
44	11.052	3360	3379	3392	rBV2	172586	361823	5.57%	0.317%
45	11.111	3392	3401	3405	rBV3	54954	77434	1.19%	0.068%
46	11.151	3407	3416	3434	rVB	264941	530424	8.16%	0.465%
47	11.221	3435	3442	3448	rBV4	62014	90536	1.39%	0.079%
48	11.344	3481	3488	3499	rVB4	64148	96402	1.48%	0.085%
49	11.454	3519	3529	3537	rBV3	145927	243809	3.75%	0.214%
50	11.524	3538	3555	3581	rVB4	799960	1870712	28.78%	1.641%
51	11.626	3581	3593	3616	rBV	618846	1103065	16.97%	0.967%
52	11.744	3618	3637	3653	rBV	2931561	5392925	82.96%	4.730%
53	11.843	3656	3674	3694	rVB	2339330	4281647	65.87%	3.755%
54	11.956	3703	3716	3739	rVB3	759755	1696987	26.11%	1.488%
55	12.181	3771	3800	3812	rBV5	162200	419971	6.46%	0.368%
56	12.251	3816	3826	3841	rBV5	191777	387713	5.96%	0.340%
57	12.366	3860	3869	3880	rVB2	199675	334570	5.15%	0.293%
58	12.444	3889	3898	3907	rBV6	100889	179693	2.76%	0.158%
59	12.578	3937	3948	3958	rBV2	377450	698843	10.75%	0.613%
60	12.728	3992	4004	4027	rVB2	2188171	4745925	73.01%	4.162%
61	12.873	4049	4058	4063	rBV3	123891	195808	3.01%	0.172%
62	12.918	4064	4075	4090	rVB	1420697	2368079	36.43%	2.077%
63	13.015	4100	4111	4117	rBV	531318	863900	13.29%	0.758%
64	13.055	4117	4126	4167	rVB3	1139036	2397220	36.88%	2.102%
65	13.219	4171	4187	4204	rBV	711800	1482394	22.80%	1.300%
66	13.366	4233	4242	4252	rVB	362355	580476	8.93%	0.509%
67	13.412	4253	4259	4270	rVB2	122005	189696	2.92%	0.166%
68	13.495	4272	4290	4298	rBV4	236278	646108	9.94%	0.567%
69	13.608	4323	4332	4338	rBV3	194883	301440	4.64%	0.264%
70	13.672	4345	4356	4364	rBV	2311475	3957193	60.88%	3.470%
71	13.836	4406	4417	4423	rBV	592235	952231	14.65%	0.835%
72	13.873	4423	4431	4439	rVV	888282	1382768	21.27%	1.213%
73	13.994	4467	4476	4490	rVB3	337284	505497	7.78%	0.443%
74	14.069	4493	4504	4515	rVB	396972	626849	9.64%	0.550%
75	14.141	4516	4531	4546	rVB4	514656	1249822	19.23%	1.096%
76	14.214	4546	4558	4573	rBV	1453991	2395558	36.85%	2.101%

LSC Area Percent Report

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Data File : VN070676.D
Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

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\82N011822W.M
Title : SW846 8260

77	14.324	4588	4599	4612	rVB3	681359	1184697	18.22%	1.039%
78	14.407	4621	4630	4640	rVB4	233779	369187	5.68%	0.324%
79	14.458	4641	4649	4661	rVB2	233657	358619	5.52%	0.315%
80	14.538	4670	4679	4687	rBV	565805	852334	13.11%	0.747%
81	14.576	4688	4693	4702	rVB	427892	535467	8.24%	0.470%
82	14.621	4702	4710	4718	rBV2	341372	457288	7.03%	0.401%
83	14.761	4755	4762	4769	rBV2	118587	145446	2.24%	0.128%
84	14.807	4770	4779	4788	rBV2	556822	929860	14.30%	0.815%
85	14.927	4807	4824	4836	rBV4	856482	2038276	31.36%	1.788%
86	15.083	4876	4882	4900	rVB3	179636	317333	4.88%	0.278%
87	15.193	4914	4923	4952	rVB4	335103	873601	13.44%	0.766%
88	15.308	4954	4966	4984	rVB7	244485	565409	8.70%	0.496%
89	15.504	5028	5039	5053	rVB	382089	721353	11.10%	0.633%
90	15.611	5069	5079	5090	rBV4	91094	163113	2.51%	0.143%
91	15.804	5136	5151	5166	rBV3	136622	290346	4.47%	0.255%
92	16.105	5257	5263	5276	rVB	46542	76295	1.17%	0.067%
93	16.614	5439	5453	5483	rVB2	104065	250962	3.86%	0.220%

Sum of corrected areas: 114025850

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
Data File : VN070676.D
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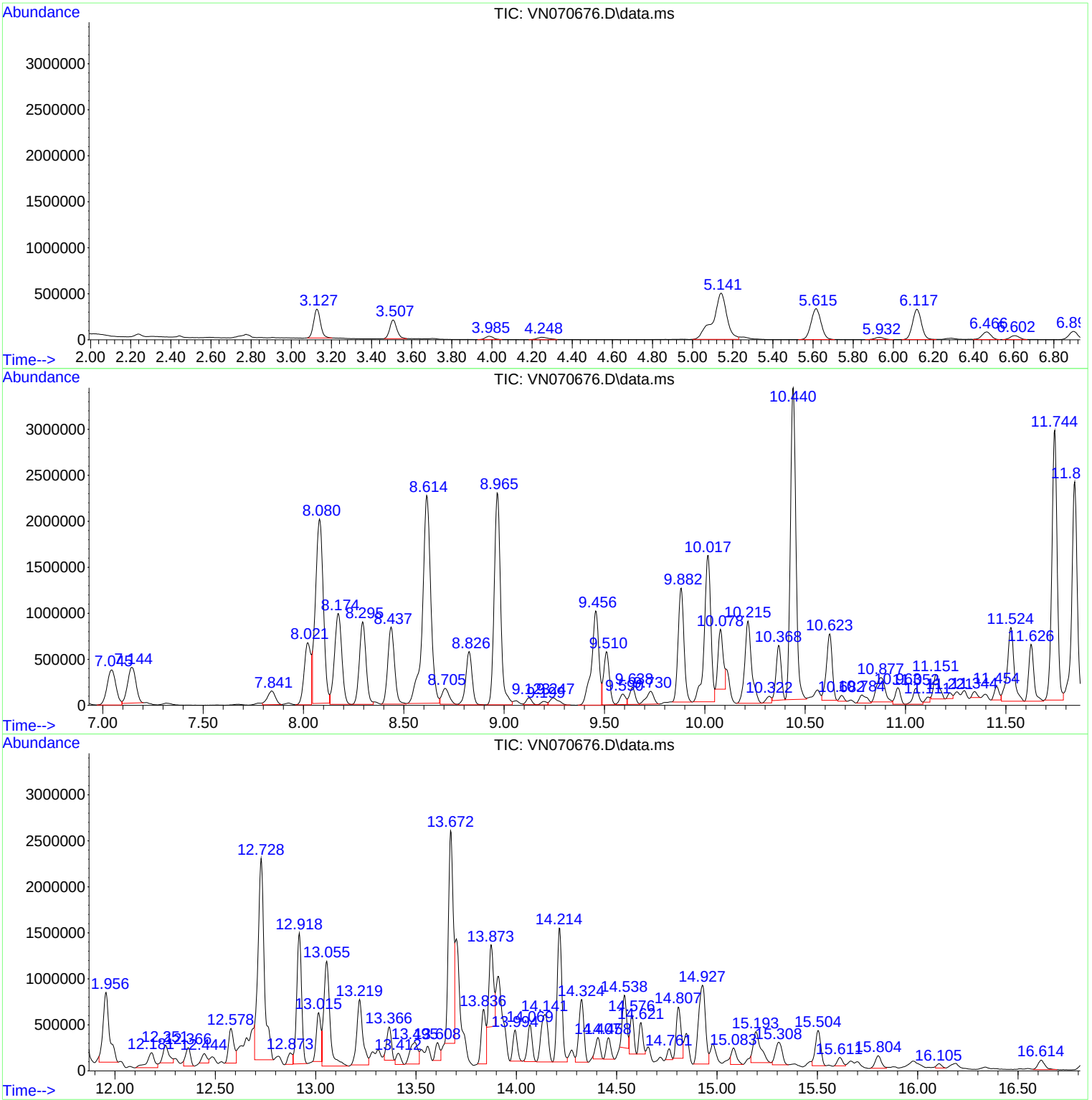
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
Data File : VN070676.D
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Operator : JC/MD
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

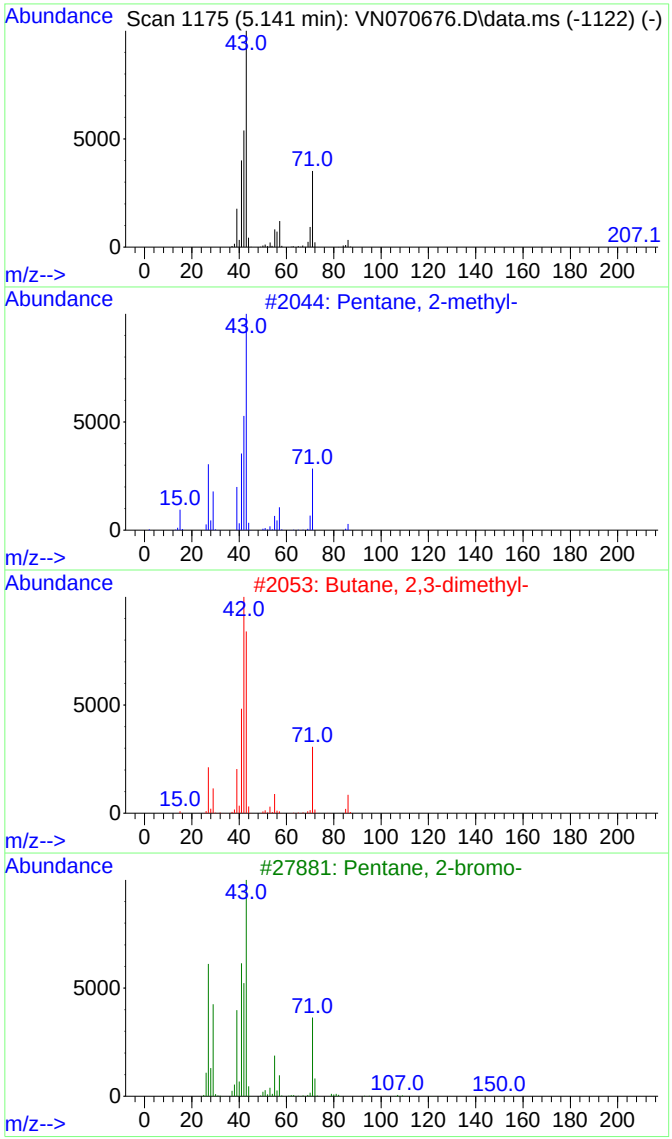
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

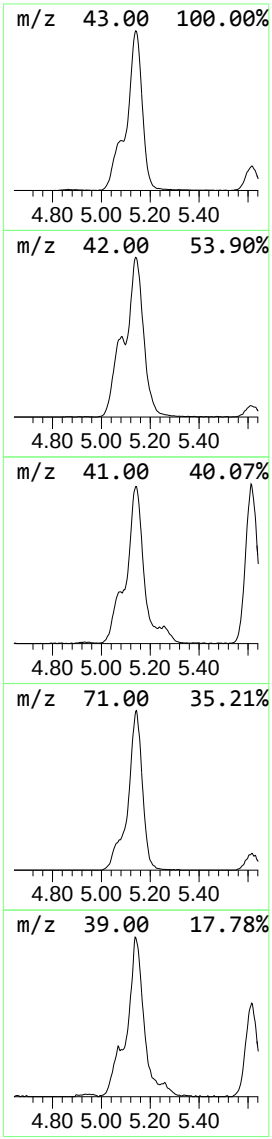
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.141	22.37 ug/l	2414850	Pentafluorobenzene	8.085

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	50
3	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	39
4	Pyrrolidine	71	C4H9N	000123-75-1	37
5	Pentane, 2-nitro-	117	C5H11NO2	004609-89-6	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
Data File : VN070676.D
Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

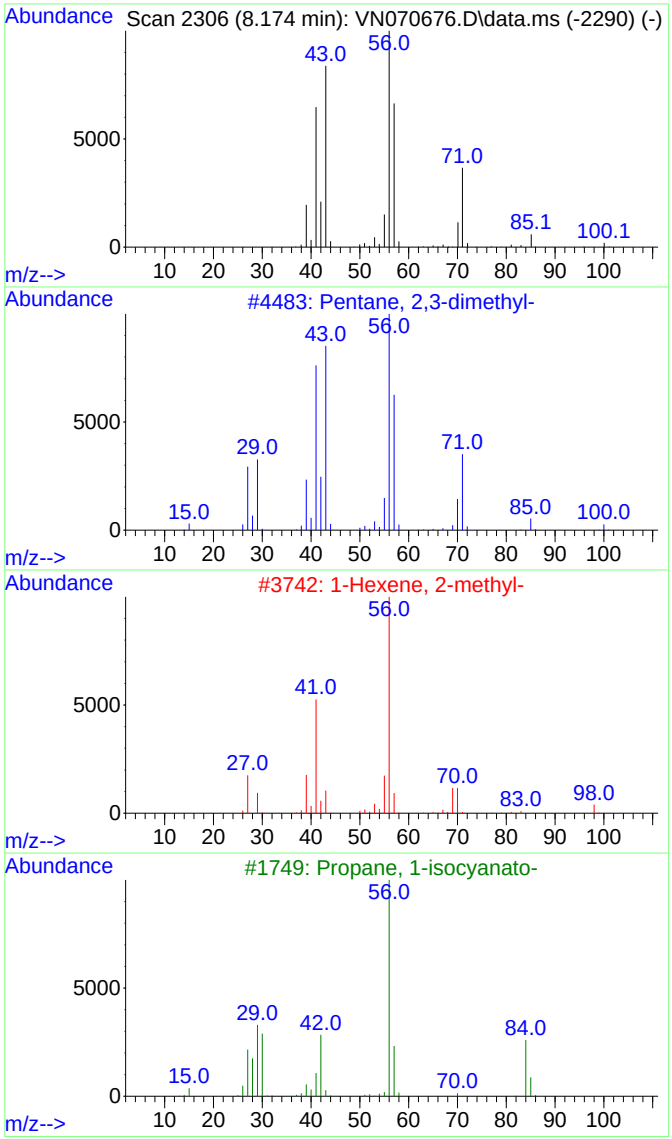
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

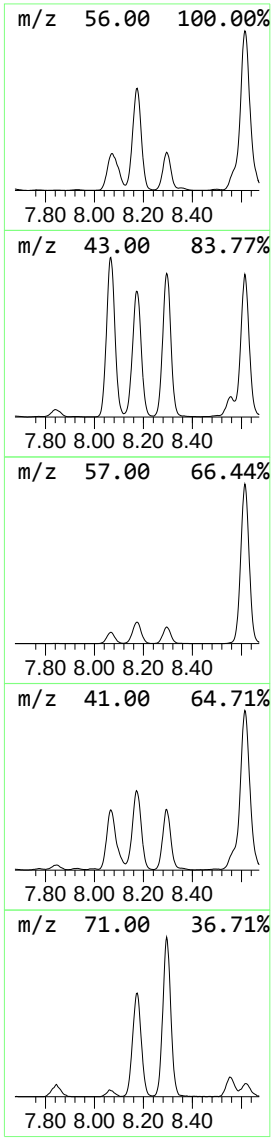
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.174	23.25 ug/l	2509120	Pentafluorobenzene	8.085

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	47
3	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	40
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	40
5	Oxirane, 2-methyl-3-(1-methyleth...	100	C6H12O	001192-31-0	38





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A3-8-5.5DL

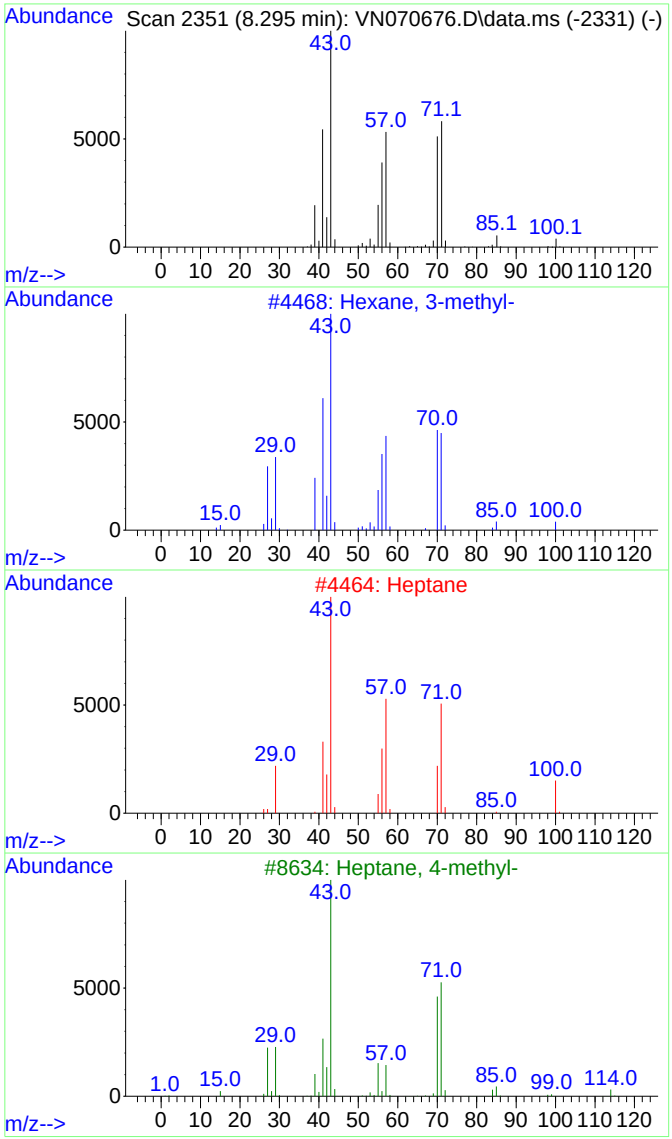
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

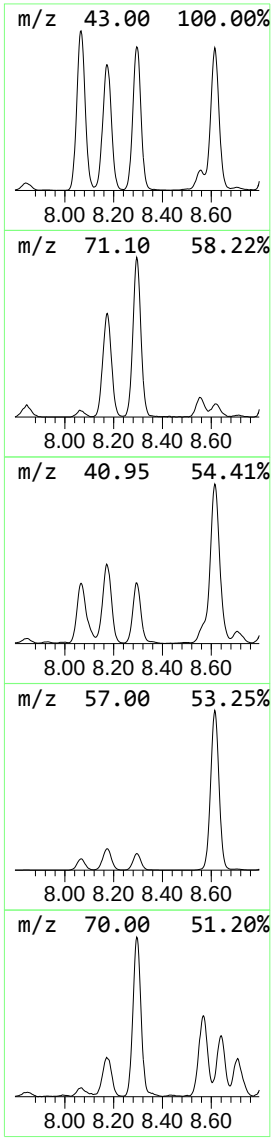
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.295	19.08 ug/l	2059480	Pentafluorobenzene	8.085

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Heptane	100	C7H16	000142-82-5	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	58
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

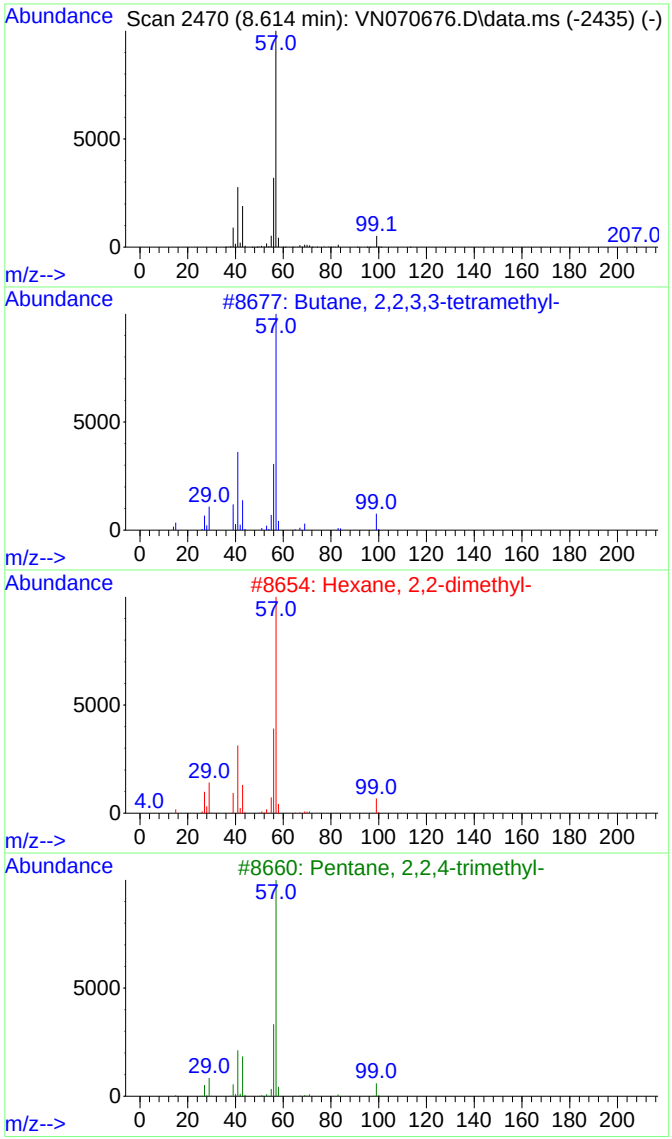
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

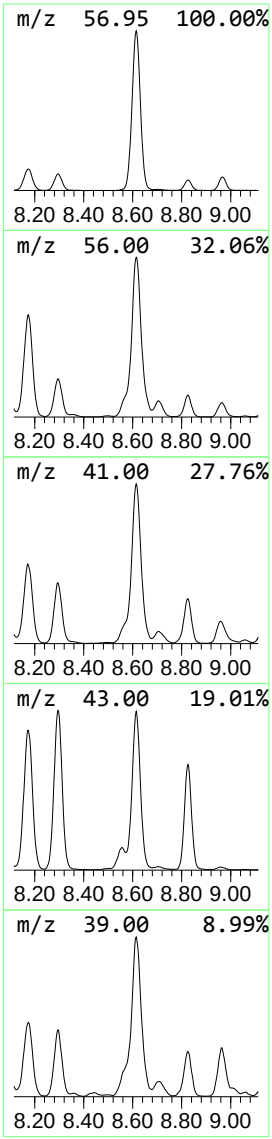
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.614	63.68 ug/l	6500520	1,4-Difluorobenzene	8.968

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
Data File : VN070676.D
Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

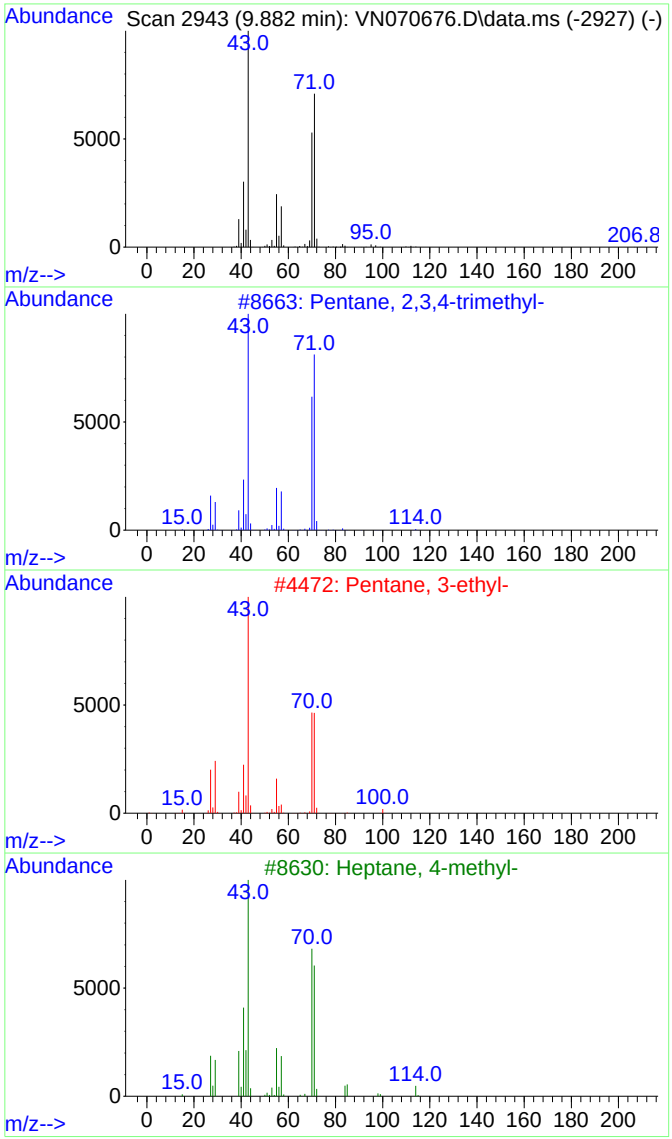
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

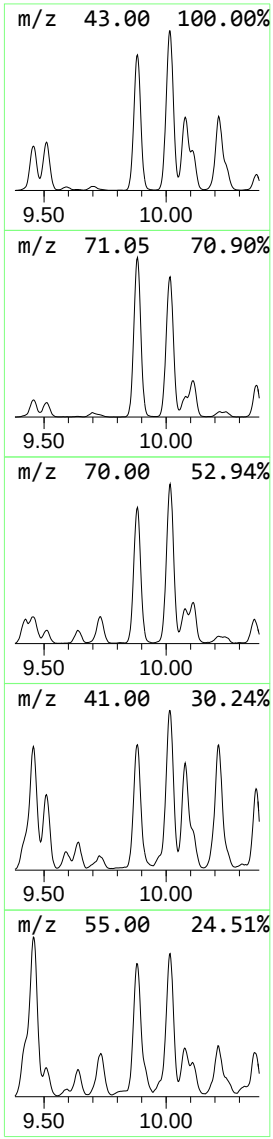
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 2,3,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.882	24.62 ug/l	2513380	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
Data File : VN070676.D
Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

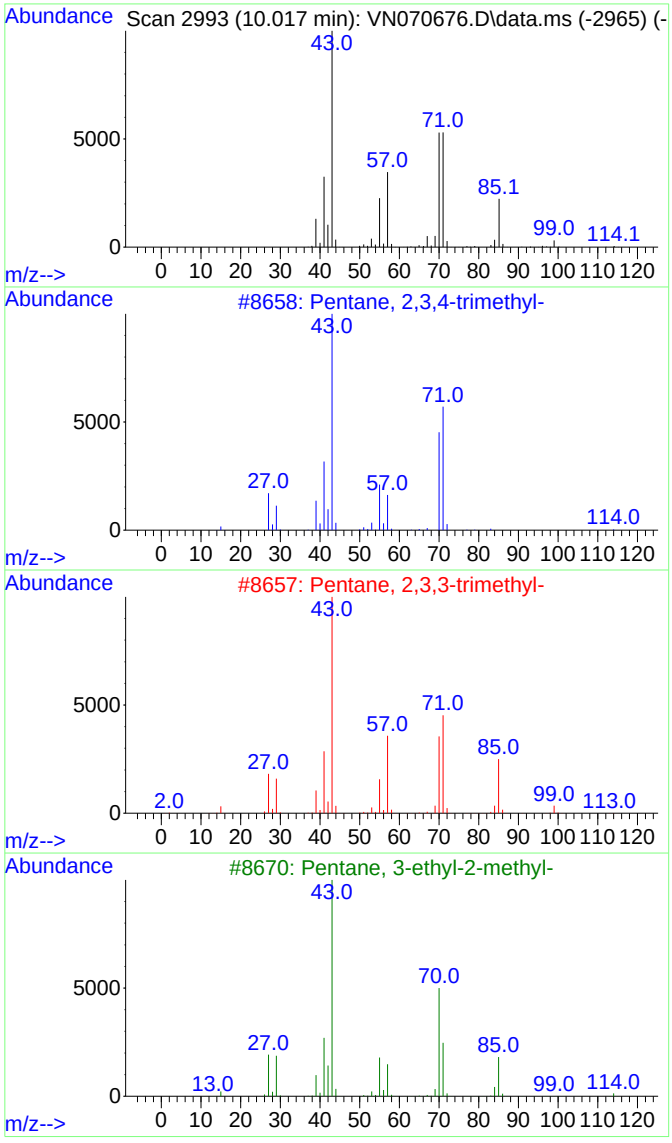
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

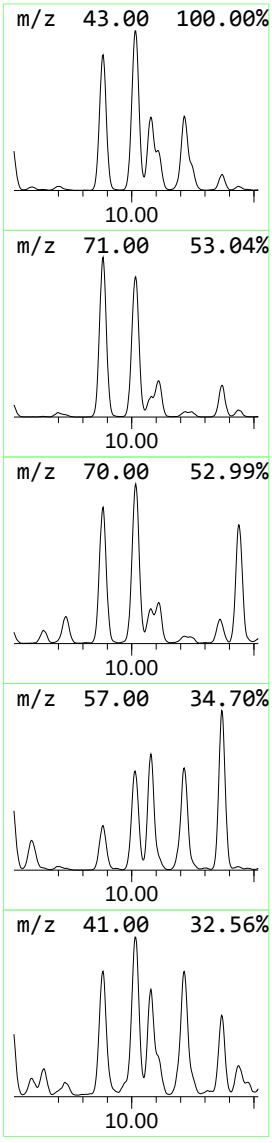
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentane, 3-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.017	35.45 ug/l	3618580	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	81
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
3	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	59
4	Diisoamyl ether	158	C10H22O	000544-01-4	59
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	59





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Data File : VN070676.D
Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

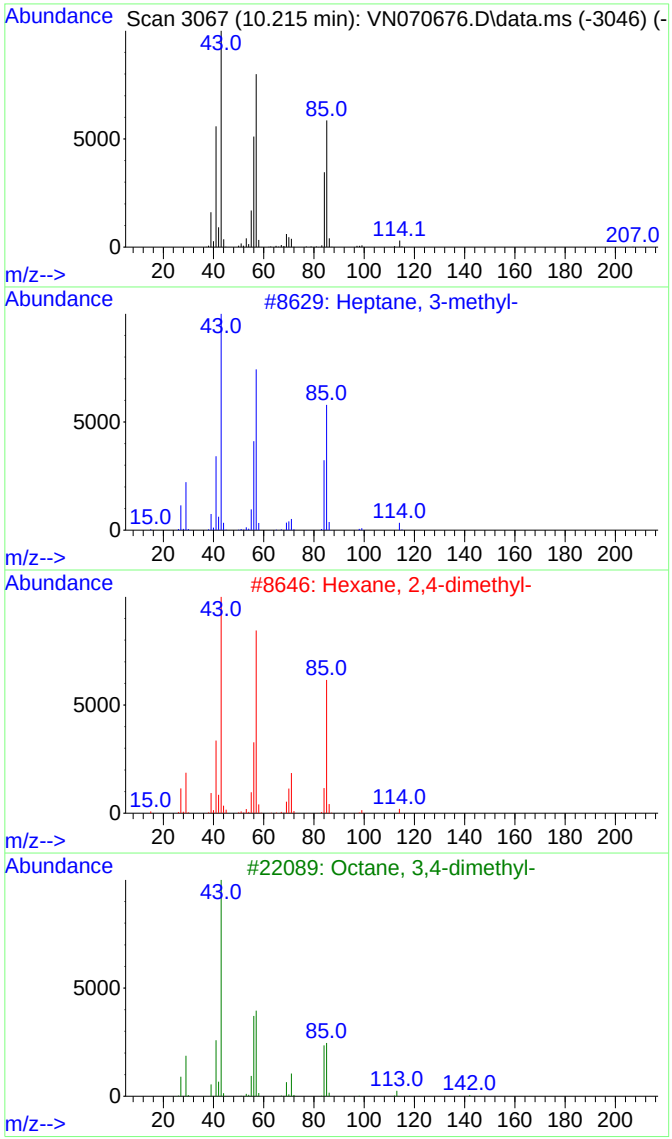
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

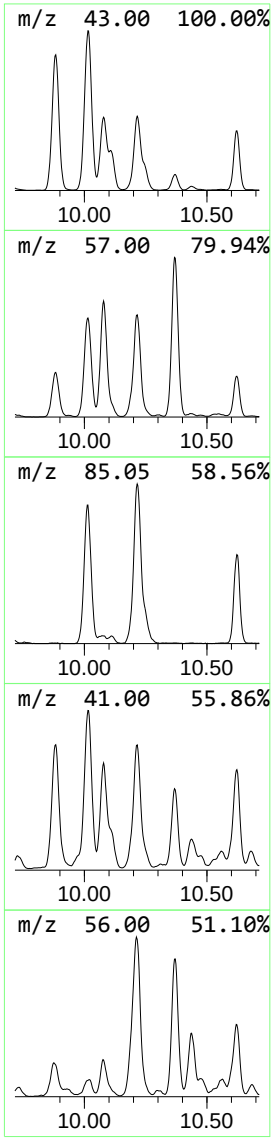
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.215	20.69 ug/l	2112130	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	59
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	50





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Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

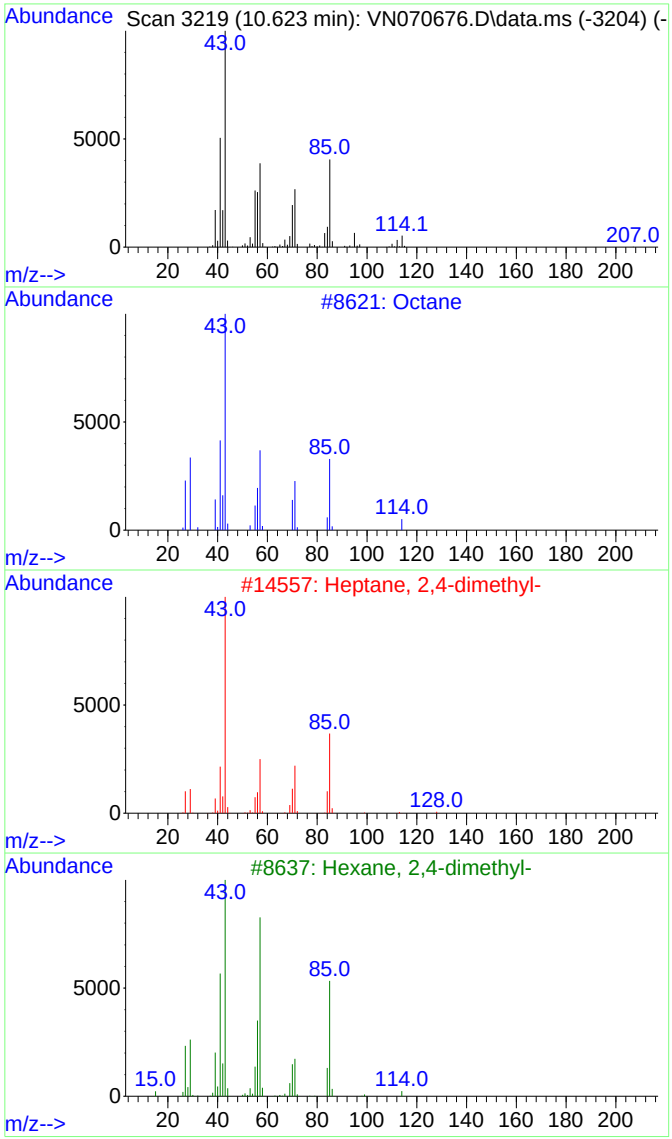
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

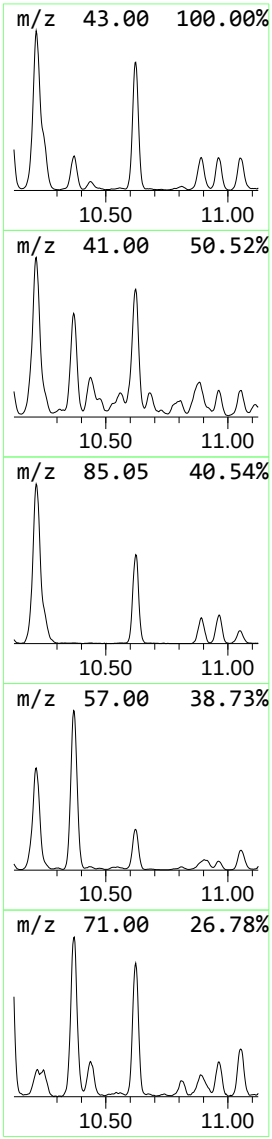
****

Peak Number 8 Octane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.623	13.34 ug/l	1438740	Chlorobenzene-d5	11.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	94
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	50





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Data File : VN070676.D
Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

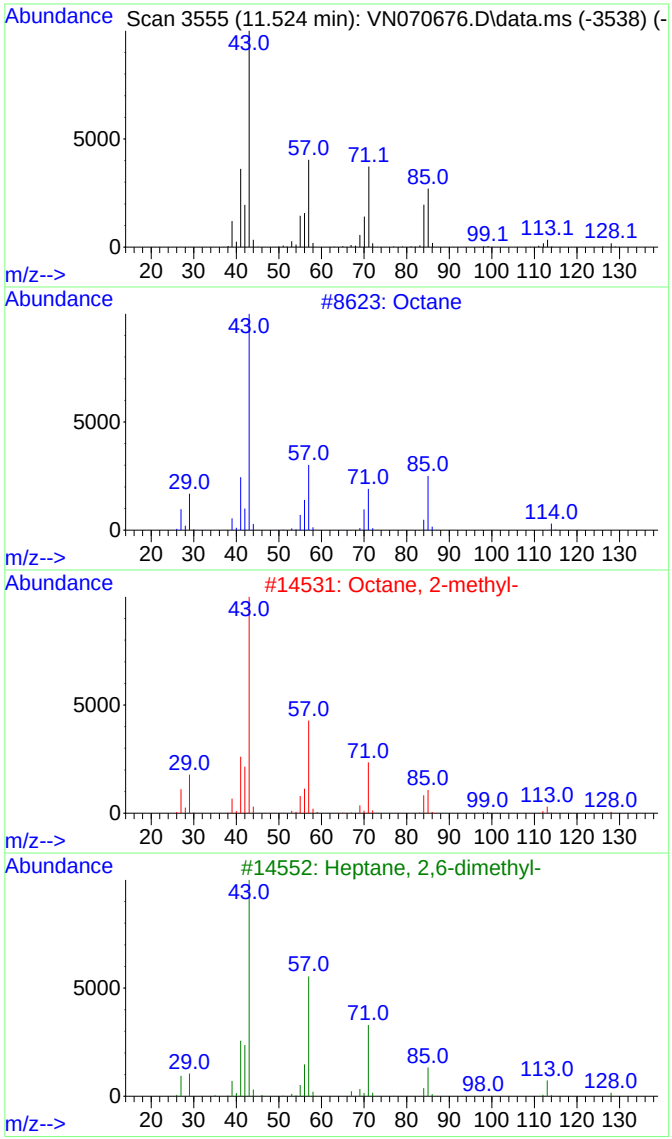
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

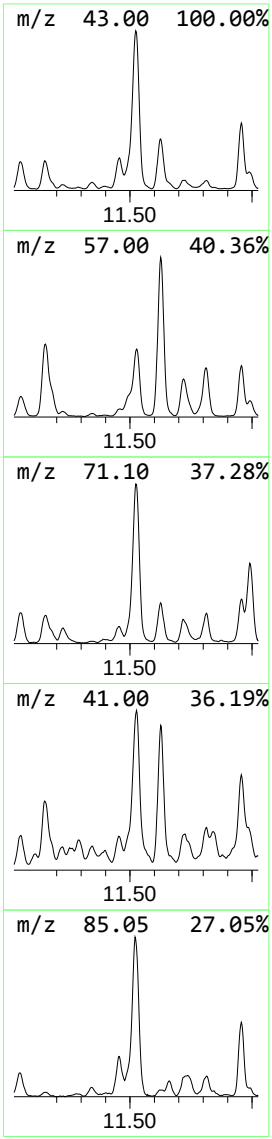
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Octane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.524	17.34 ug/l	1870710	Chlorobenzene-d5	11.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	59
2	Octane, 2-methyl-	128	C9H20	003221-61-2	53
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	53
4	Octane, 4-methyl-	128	C9H20	002216-34-4	52
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50





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Data File : VN070676.D
Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

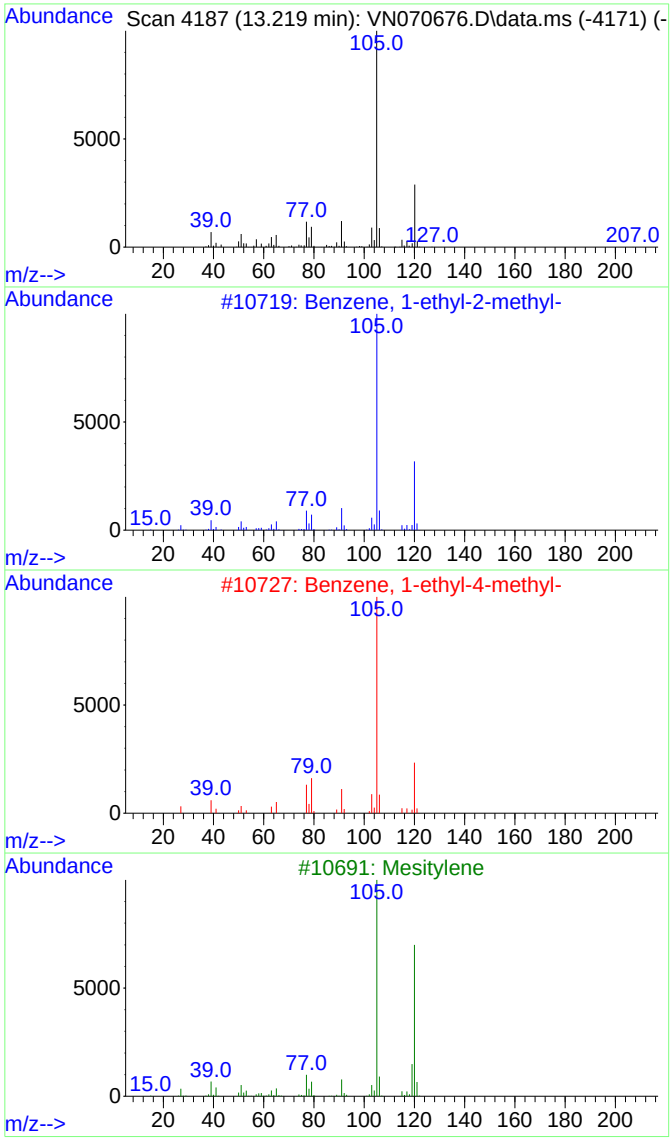
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

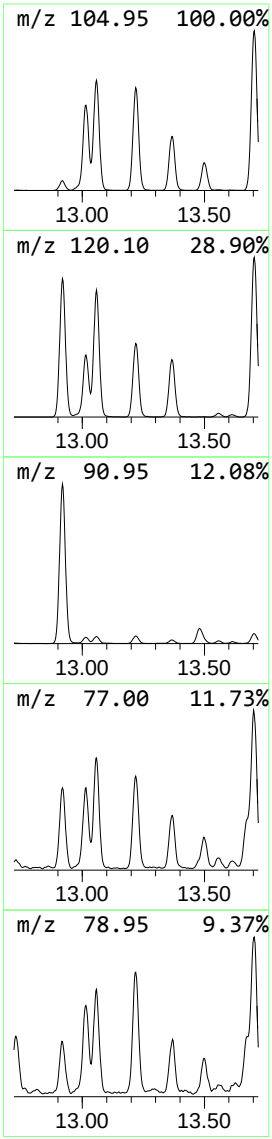
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.219	18.73 ug/l	1482390	1,4-Dichlorobenzene-d4	13.672

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Data File : VN070676.D
Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

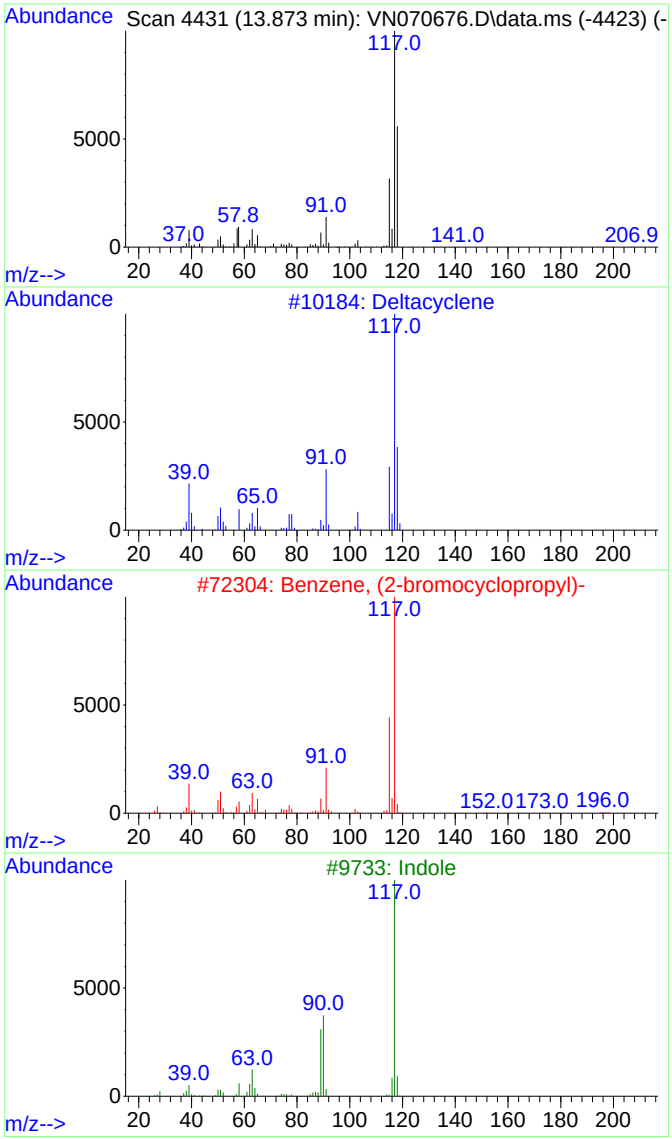
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

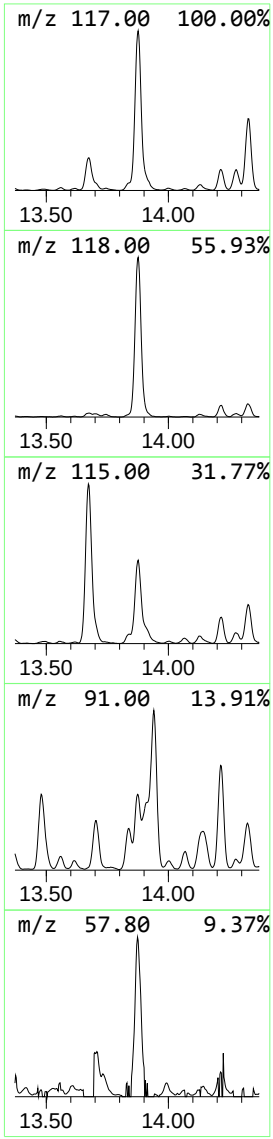
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, (2-bromocyclopropyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	17.47 ug/l	1382770	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	64
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53
3	Indole	117	C8H7N	000120-72-9	49
4	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	40
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	38





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Data File : VN070676.D
Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

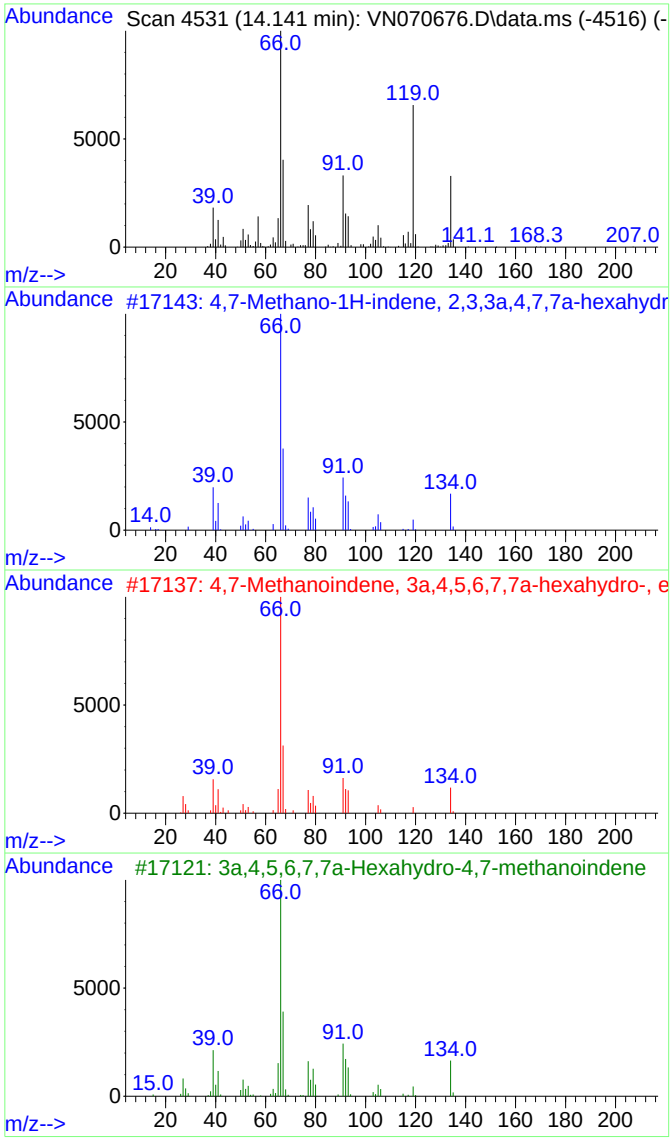
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

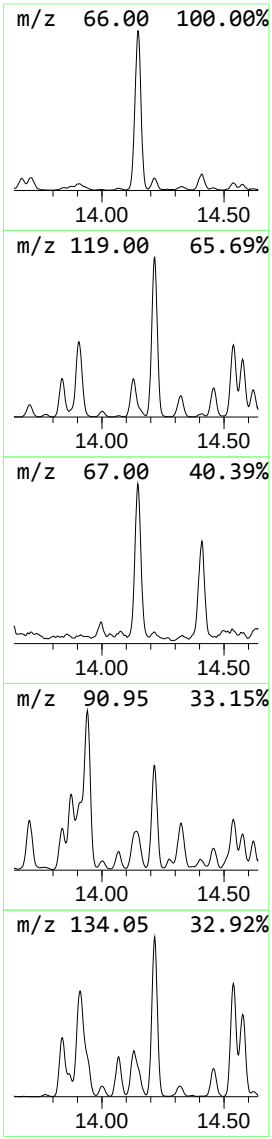
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4,7-Methano-1H-indene, 2,3,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.141	15.79 ug/l	1249820	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, 2,3,3a,4,...	134	C10H14	002826-19-9	91
2	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	87
3	3a,4,5,6,7,7a-Hexahydro-4,7-meth...	134	C10H14	004488-57-7	87
4	exo,endo-Tetracyclo[6.2.1.1(3,6)...	160	C12H16	001076-12-6	59
5	4,7-Methanoisobenzofuran-1,3-dio...	164	C9H8O3	000826-62-0	53





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Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

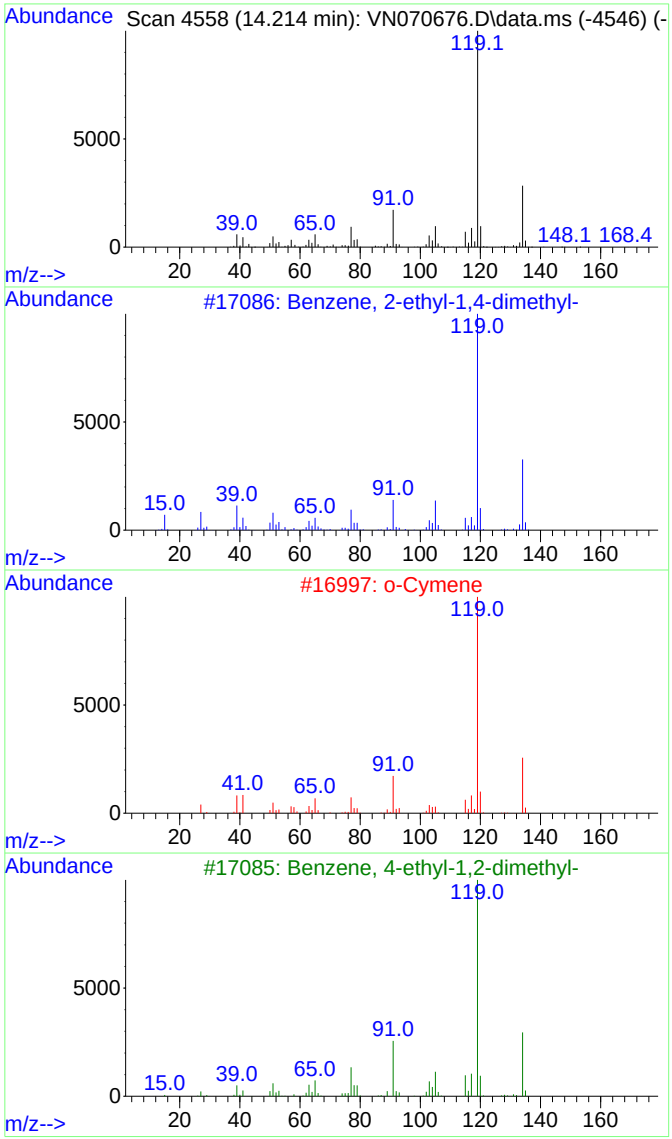
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

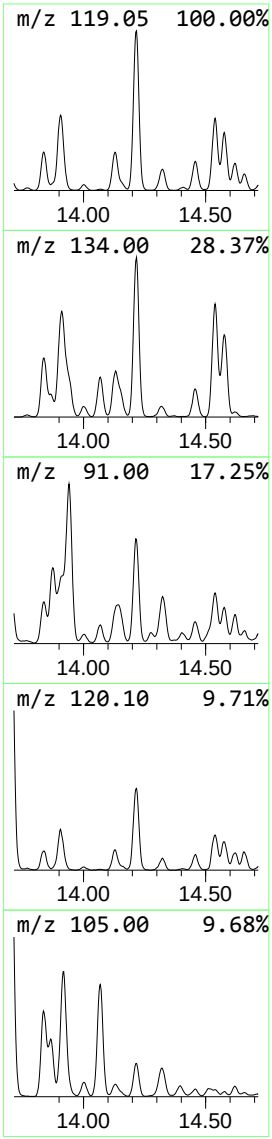
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.214	30.27 ug/l	2395560	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Data File : VN070676.D
Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

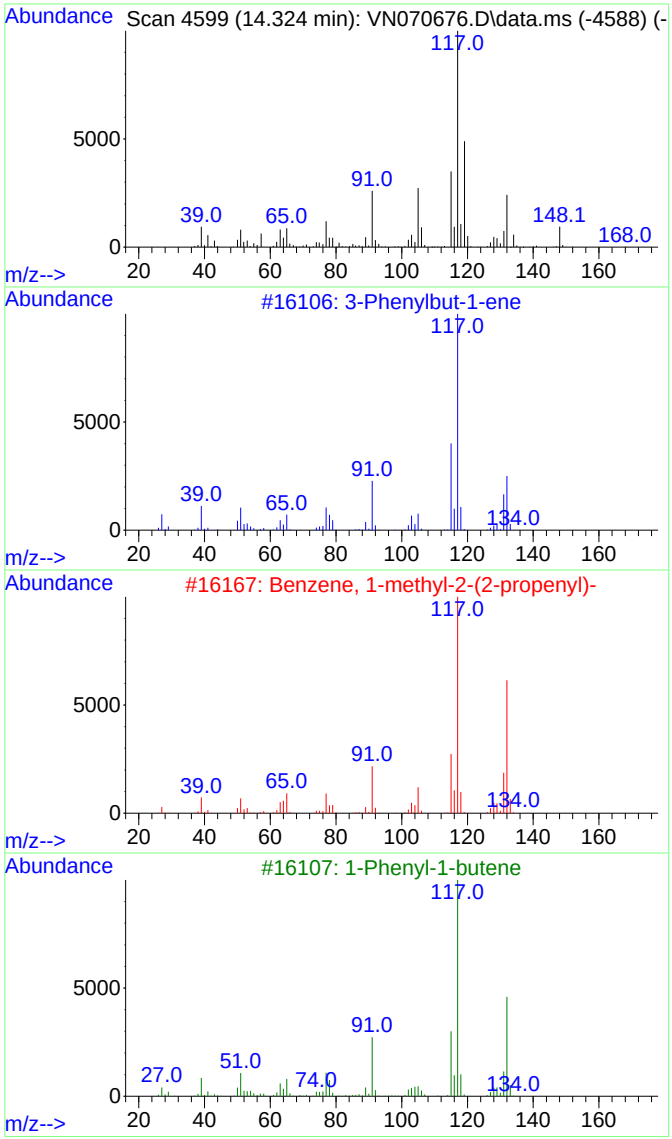
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

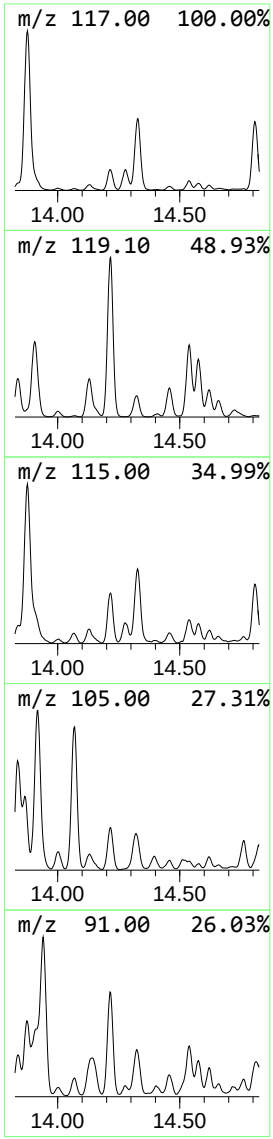
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 3-Phenylbut-1-ene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.324	14.97 ug/l	1184700	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	60
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	58





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Data File : VN070676.D
Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

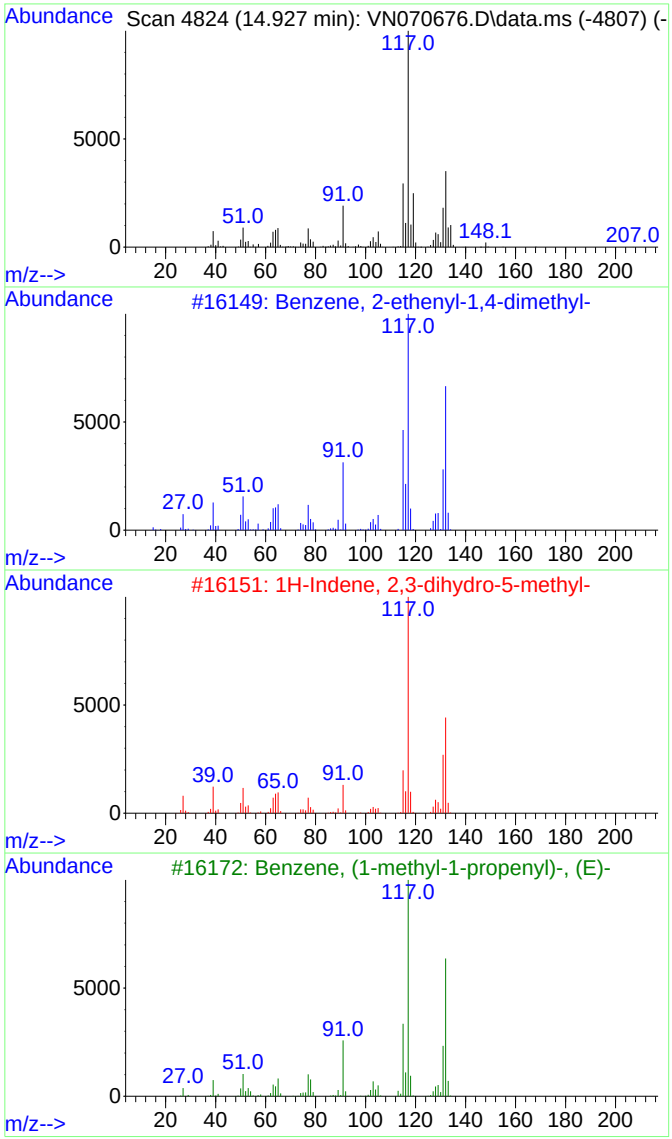
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260

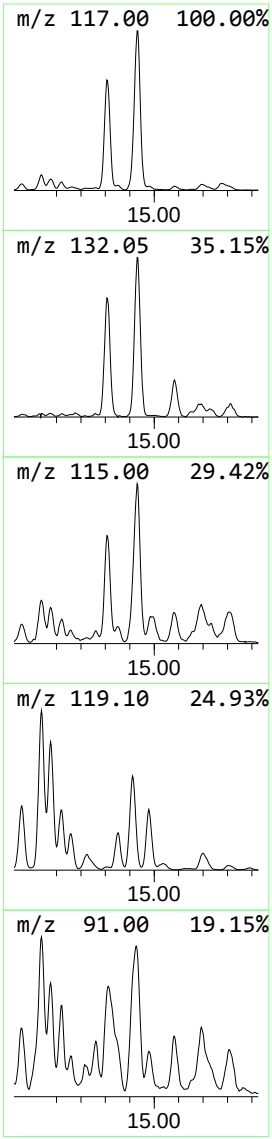
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	25.75 ug/l	2038280	1,4-Dichlorobenzene-d4	13.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
Data File : VN070676.D
Acq On : 18 Jan 2022 19:50
Operator : JC/MD
Sample : N1145-08 10X
Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.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
Pentane, 2-methyl-	5.141	22.4	ug/l	2414850	1	8.085	5396670	50.0
Pentane, 2,3-di...	8.174	23.3	ug/l	2509120	1	8.085	5396670	50.0
Hexane, 3-methyl-	8.295	19.1	ug/l	2059480	1	8.085	5396670	50.0
Butane, 2,2,3,3...	8.614	63.7	ug/l	6500520	2	8.968	5104020	50.0
Pentane, 2,3,4-...	9.882	24.6	ug/l	2513380	2	8.968	5104020	50.0
Pentane, 3-ethy...	10.017	35.5	ug/l	3618580	2	8.968	5104020	50.0
Heptane, 3-methyl-	10.215	20.7	ug/l	2112130	2	8.968	5104020	50.0
Octane	10.623	13.3	ug/l	1438740	3	11.744	5392930	50.0
Octane, 2-methyl-	11.524	17.3	ug/l	1870710	3	11.744	5392930	50.0
Benzene, 1-ethy...	13.219	18.7	ug/l	1482390	4	13.672	3957190	50.0
Benzene, (2-bro...	13.873	17.5	ug/l	1382770	4	13.672	3957190	50.0
4,7-Methano-1H-...	14.141	15.8	ug/l	1249820	4	13.672	3957190	50.0
Benzene, 2-ethy...	14.214	30.3	ug/l	2395560	4	13.672	3957190	50.0
3-Phenylbut-1-ene	14.324	15.0	ug/l	1184700	4	13.672	3957190	50.0
Benzene, 2-ethe...	14.927	25.8	ug/l	2038280	4	13.672	3957190	50.0