LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
Data File : VN086473.D
Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

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\82N041525W.M
Title : SW846 8260

Signal : TIC: VN086473.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.241	212	219	233	rVB3	13285	41040	4.14%	0.404%
2	4.430	406	421	434	rBV6	4875	17631	1.78%	0.174%
3	5.271	552	564	573	rBV3	18594	70337	7.10%	0.693%
4	5.812	643	656	667	rBV	29063	94761	9.56%	0.934%
5	7.065	857	869	879	rBV4	8470	26520	2.68%	0.261%
6	7.224	886	896	905	rBV	23902	66795	6.74%	0.658%
7	7.500	935	943	951	rVB3	3968	12342	1.24%	0.122%
8	8.006	1021	1029	1040	rVB2	13225	35196	3.55%	0.347%
9	8.165	1045	1056	1061	rBV2	102327	245379	24.75%	2.417%
10	8.224	1061	1066	1075	rVV	181740	394568	39.80%	3.887%
11	8.329	1075	1084	1094	rVB	86102	209116	21.09%	2.060%
12	8.441	1095	1103	1108	rBV4	4714	10072	1.02%	0.099%
13	8.506	1108	1114	1119	rBV3	19971	41241	4.16%	0.406%
14	8.576	1119	1126	1137	rVV2	115483	269593	27.20%	2.656%
15	8.706	1139	1148	1152	rVV3	36014	107766	10.87%	1.062%
16	8.759	1152	1157	1168	rVV3	77904	283568	28.60%	2.794%
17	8.847	1168	1172	1181	rVB3	27840	65717	6.63%	0.647%
18	9.100	1207	1215	1226	rBV	298172	626293	63.18%	6.170%
19	9.194	1228	1231	1238	rVB3	10036	16984	1.71%	0.167%
20	9.329	1249	1254	1258	rBV3	11189	21295	2.15%	0.210%
21	9.382	1258	1263	1276	rVB3	13296	33596	3.39%	0.331%
22	9.565	1285	1294	1302	rBV5	66948	192055	19.37%	1.892%
23	9.641	1302	1307	1315	rVV2	38946	81465	8.22%	0.803%
24	9.723	1315	1321	1332	rVB4	8898	22593	2.28%	0.223%
25	9.865	1334	1345	1355	rVV2	60895	147909	14.92%	1.457%
26	10.006	1361	1369	1380	rBV2	86202	180748	18.23%	1.781%
27	10.100	1380	1385	1387	rBV2	25752	43455	4.38%	0.428%
28	10.141	1387	1392	1399	rVB	57504	115368	11.64%	1.137%
29	10.253	1405	1411	1417	rVB3	11242	25341	2.56%	0.250%
30	10.323	1417	1423	1430	rBV3	38883	78980	7.97%	0.778%
31	10.388	1431	1434	1440	rVB4	5830	10563	1.07%	0.104%
32	10.488	1440	1451	1457	rBV4	28063	61488	6.20%	0.606%
33	10.565	1457	1464	1476	rBV	523427	991332	100.00%	9.766%
34	10.741	1482	1494	1505	rVB5	50428	151111	15.24%	1.489%
35	10.847	1505	1512	1517	rBV5	12437	26677	2.69%	0.263%
36	10.912	1517	1523	1529	rVB	68911	118842	11.99%	1.171%

LSC Area Percent Report

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Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

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\82N041525W.M
Title : SW846 8260

37	10.994	1529	1537	1544	rBV4	77290	223305	22.53%	2.200%
38	11.147	1558	1563	1573	rBV7	7828	24613	2.48%	0.242%
39	11.259	1573	1582	1585	rVV6	25714	64379	6.49%	0.634%
40	11.294	1585	1588	1593	rVV5	21441	41580	4.19%	0.410%
41	11.341	1593	1596	1597	rVV2	11604	15334	1.55%	0.151%
42	11.382	1598	1603	1608	rVV4	37096	75371	7.60%	0.743%
43	11.464	1608	1617	1622	rVV4	35083	92907	9.37%	0.915%
44	11.523	1622	1627	1632	rVV3	27522	55117	5.56%	0.543%
45	11.564	1632	1634	1640	rVB5	13755	22353	2.25%	0.220%
46	11.676	1645	1653	1661	rVB2	31231	68892	6.95%	0.679%
47	11.776	1661	1670	1673	rBV8	8181	20745	2.09%	0.204%
48	11.864	1678	1685	1692	rBV	430014	750427	75.70%	7.393%
49	11.964	1697	1702	1705	rVV2	24704	49423	4.99%	0.487%
50	12.000	1705	1708	1713	rVV2	20969	35609	3.59%	0.351%
51	12.053	1713	1717	1721	rVV6	11623	24027	2.42%	0.237%
52	12.106	1721	1726	1738	rVB10	14630	57564	5.81%	0.567%
53	12.276	1748	1755	1758	rBV5	8080	16431	1.66%	0.162%
54	12.376	1765	1772	1778	rBV6	18903	50370	5.08%	0.496%
55	12.576	1792	1806	1815	rBV7	30093	98850	9.97%	0.974%
56	12.653	1815	1819	1821	rVV2	13253	21023	2.12%	0.207%
57	12.694	1821	1826	1834	rVV	66659	122056	12.31%	1.202%
58	12.847	1845	1852	1860	rVV	330368	564472	56.94%	5.561%
59	12.935	1860	1867	1872	rVB4	13716	24690	2.49%	0.243%
60	13.035	1877	1884	1890	rVB	107440	180356	18.19%	1.777%
61	13.329	1926	1934	1942	rVB7	5331	15892	1.60%	0.157%
62	13.417	1942	1949	1957	rVB4	9899	23570	2.38%	0.232%
63	13.606	1974	1981	1988	rVV3	36180	91734	9.25%	0.904%
64	13.788	2003	2012	2022	rVB	410791	686138	69.21%	6.760%
65	13.876	2022	2027	2031	rBV4	6988	13745	1.39%	0.135%
66	13.947	2033	2039	2043	rVV	75236	123595	12.47%	1.218%
67	13.994	2043	2047	2051	rVV	94948	162183	16.36%	1.598%
68	14.035	2051	2054	2062	rVB3	30589	58663	5.92%	0.578%
69	14.111	2062	2067	2074	rVB3	32606	53314	5.38%	0.525%
70	14.329	2098	2104	2109	rVB2	31558	48782	4.92%	0.481%
71	14.394	2109	2115	2118	rBV	25792	45300	4.57%	0.446%
72	14.441	2118	2123	2129	rVB2	126233	218428	22.03%	2.152%
73	14.511	2129	2135	2137	rBV5	14407	26526	2.68%	0.261%
74	14.576	2143	2146	2150	rVB2	11322	16963	1.71%	0.167%
75	14.653	2150	2159	2165	rVB2	70374	134283	13.55%	1.323%
76	14.729	2168	2172	2176	rBV	14257	21874	2.21%	0.215%

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Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Title : SW846 8260

77	14.770	2176	2179	2187	rVV3	12634	22373	2.26%	0.220%
78	14.876	2187	2197	2201	rVV3	30585	63955	6.45%	0.630%
79	14.929	2201	2206	2216	rVV2	67729	135934	13.71%	1.339%
80	15.047	2217	2226	2233	rVV2	40102	96625	9.75%	0.952%
81	15.117	2233	2238	2250	rVB5	14219	31255	3.15%	0.308%
82	15.317	2260	2272	2276	rBV2	40266	86479	8.72%	0.852%
83	15.429	2285	2291	2301	rVB3	47313	118948	12.00%	1.172%
84	15.594	2312	2319	2328	rVB4	10585	23659	2.39%	0.233%
85	15.694	2330	2336	2342	rBV4	13734	32021	3.23%	0.315%
86	15.747	2342	2345	2348	rBV4	9496	14798	1.49%	0.146%
87	15.941	2369	2378	2386	rBV2	24502	53265	5.37%	0.525%
88	16.117	2402	2408	2422	rVV5	11336	37498	3.78%	0.369%
89	16.252	2425	2431	2437	rBV3	10796	23901	2.41%	0.235%
90	16.329	2437	2444	2456	rVB6	9085	31199	3.15%	0.307%

Sum of corrected areas: 10150531

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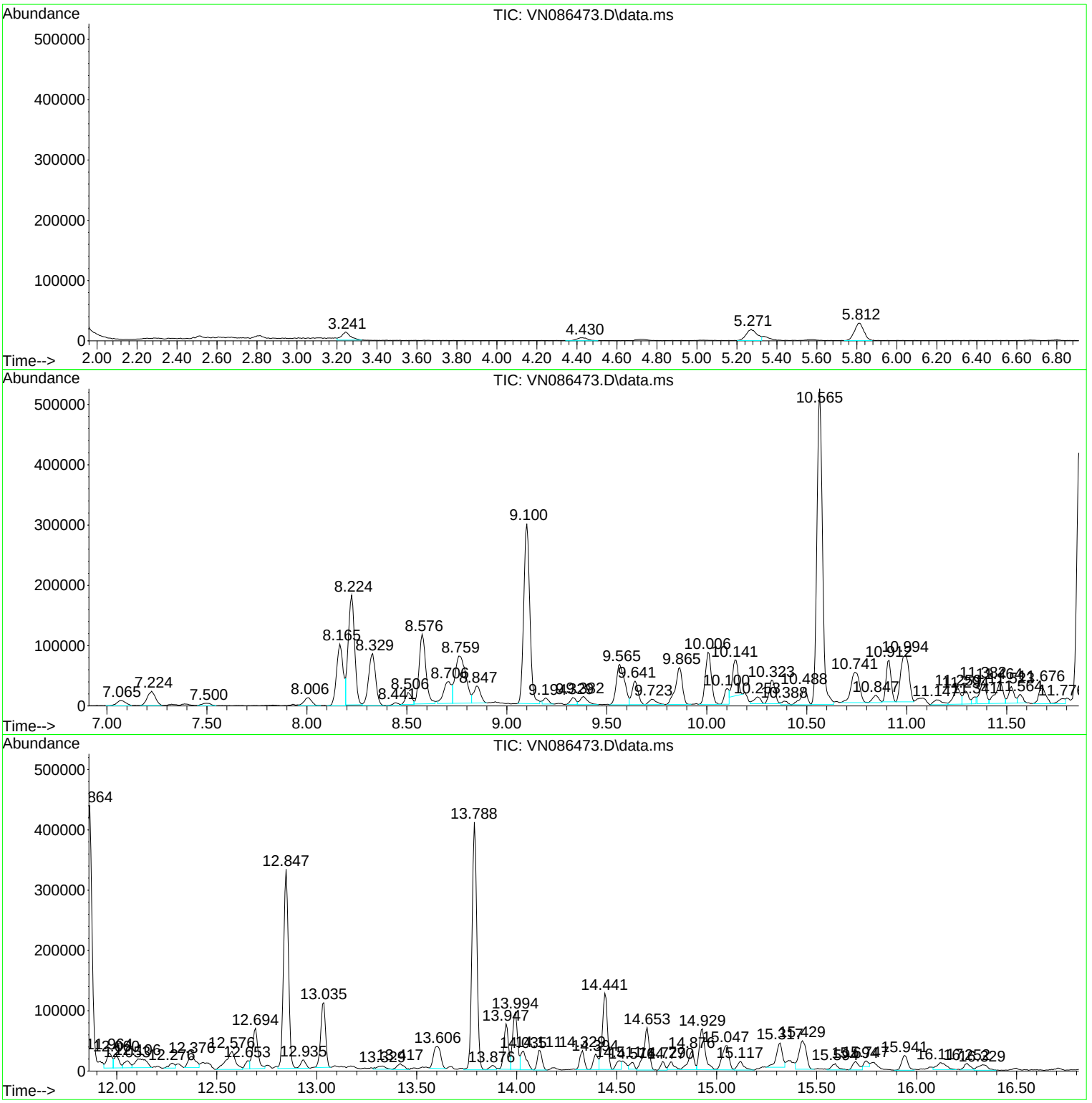
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
Data File : VN086473.D
Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

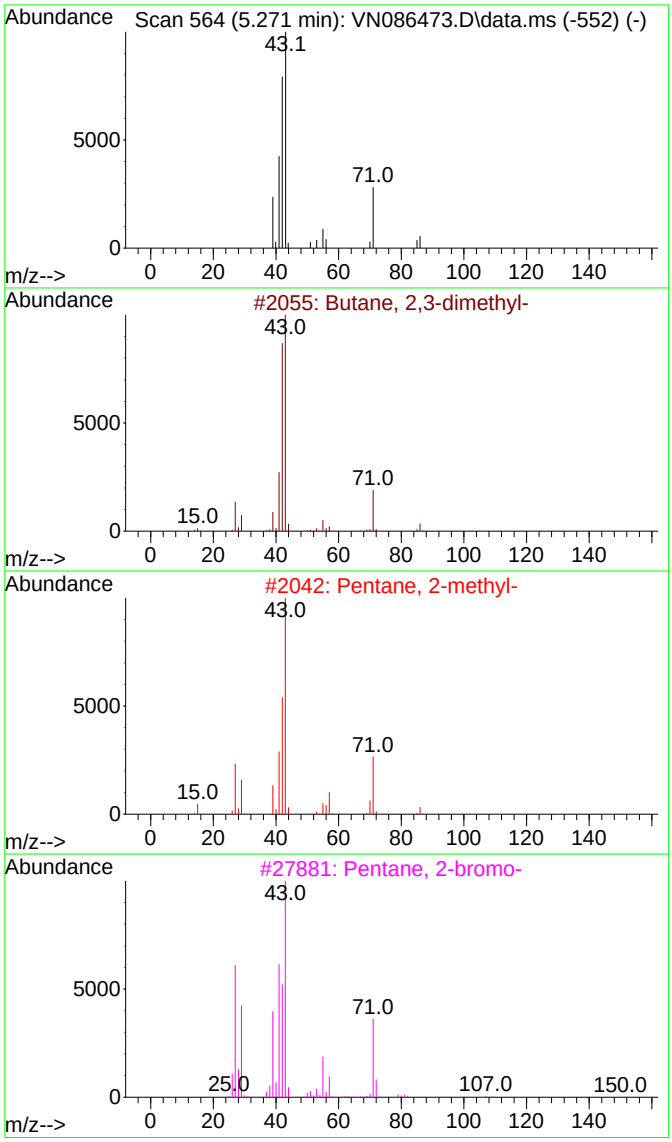
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

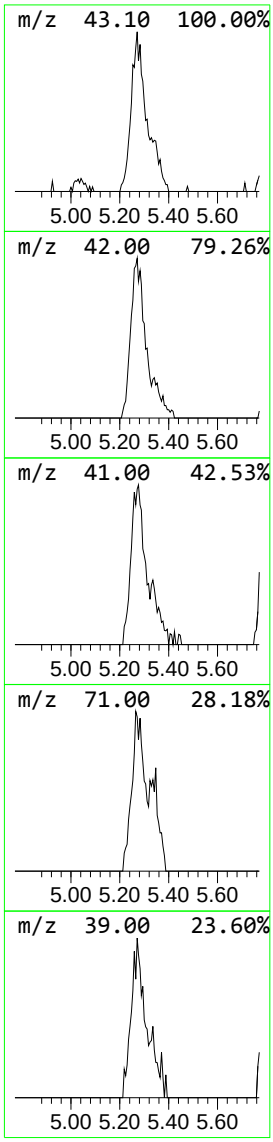
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.271	8.91 ug/l	70337	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
3	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	9
4	2H-Pyran-2-one, tetrahydro-3,6-d...	128	C7H12O2	003720-22-7	9
5	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
Data File : VN086473.D
Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

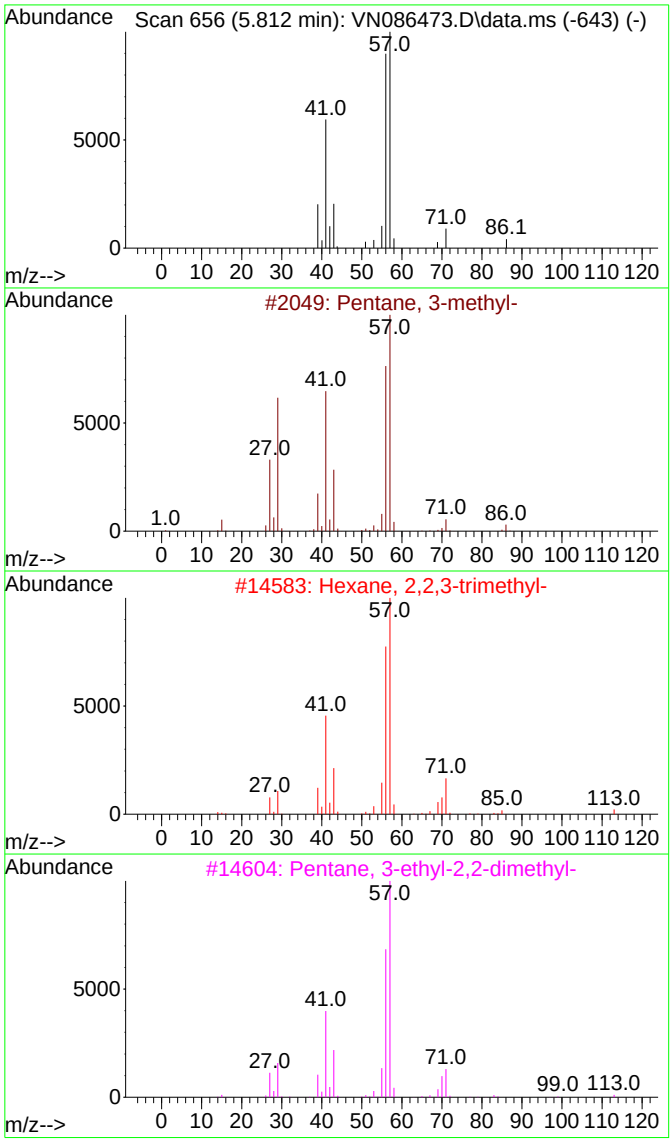
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

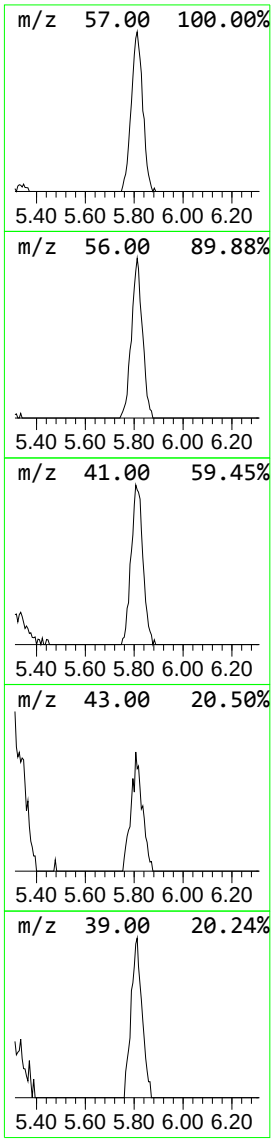
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.812	12.01 ug/l	94761	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	83
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	39
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	39





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Data File : VN086473.D
Acq On : 02 May 2025 19:07
Operator : JC\MD
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

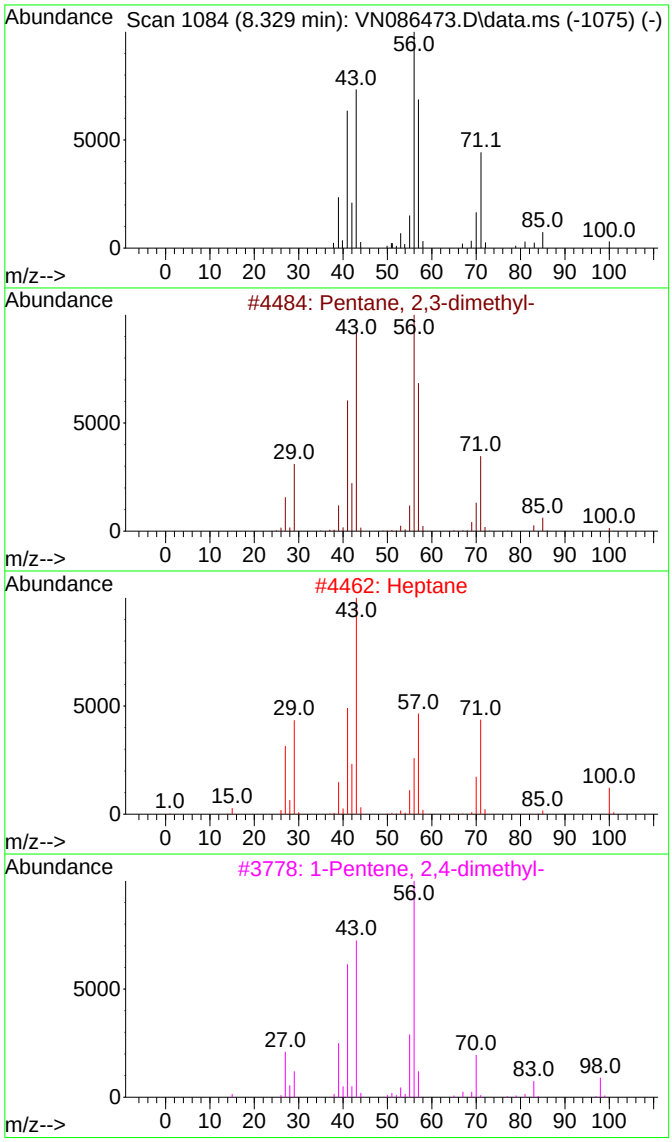
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

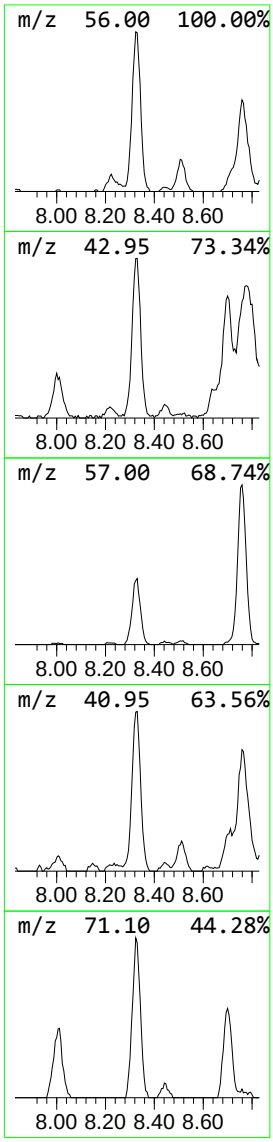
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.329	26.50 ug/l	209116	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Heptane	100	C7H16	000142-82-5	50
3	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	50
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42





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Operator : JC\MD
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

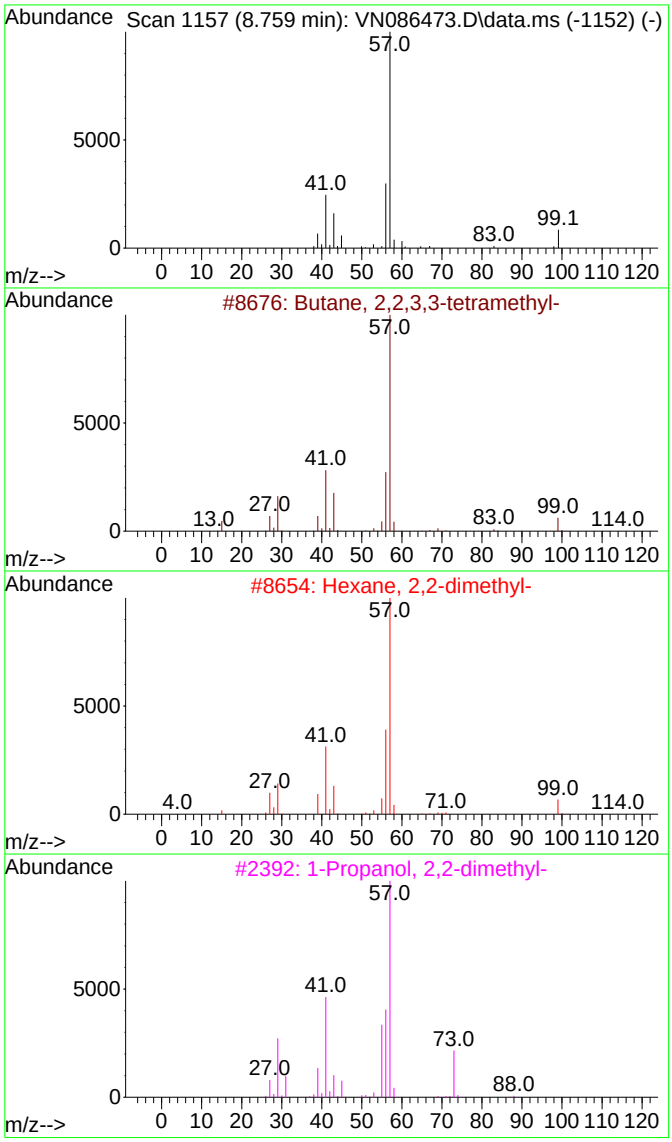
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

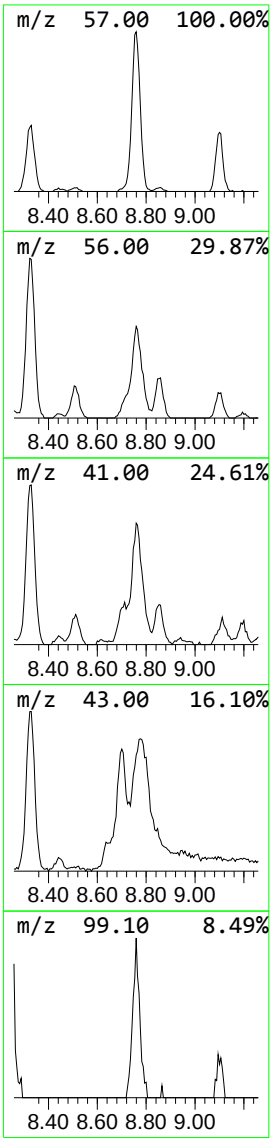
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.759	22.64 ug/l	283568	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	64
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	45





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Data File : VN086473.D
Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

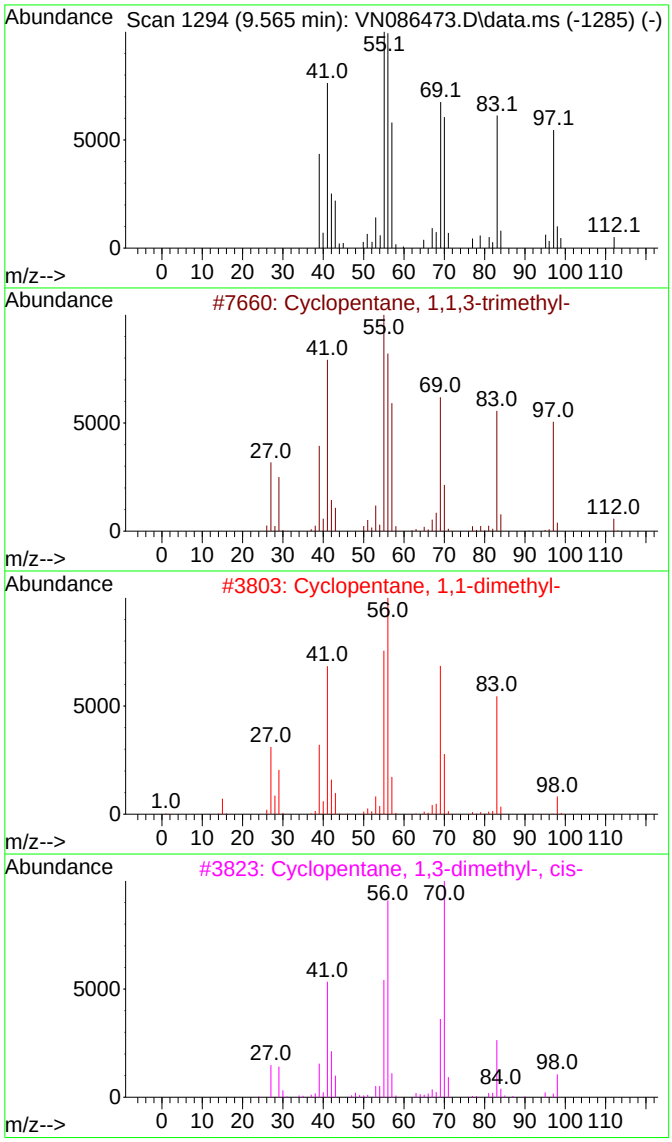
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

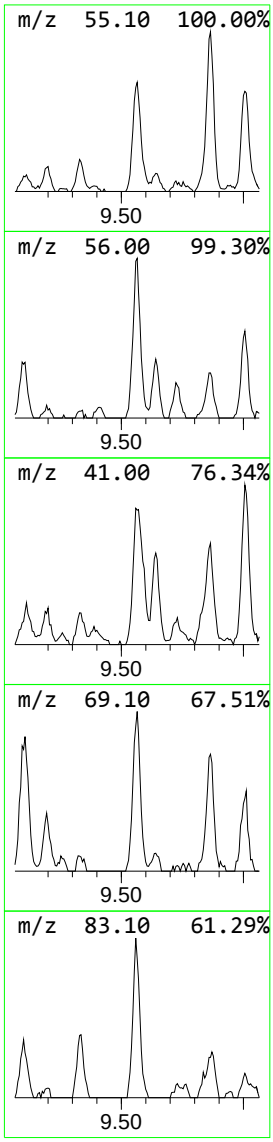
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1,1,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.565	15.33 ug/l	192055	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	93
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	53
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	46
4	Isopropylcyclobutane	98	C7H14	000872-56-0	46
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
Data File : VN086473.D
Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

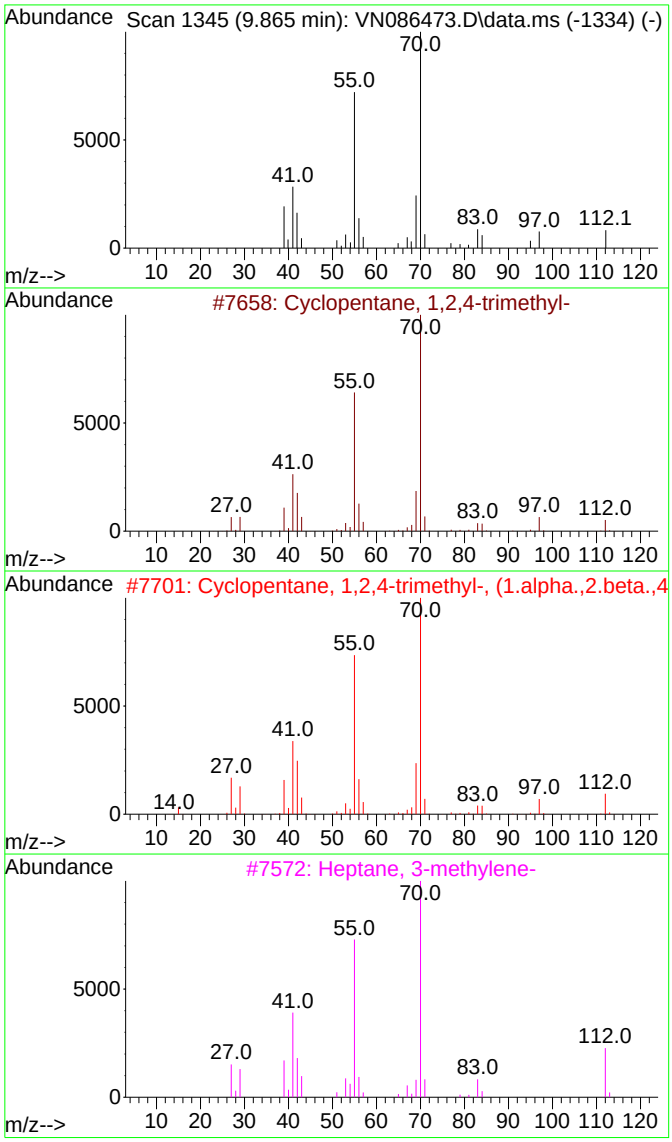
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

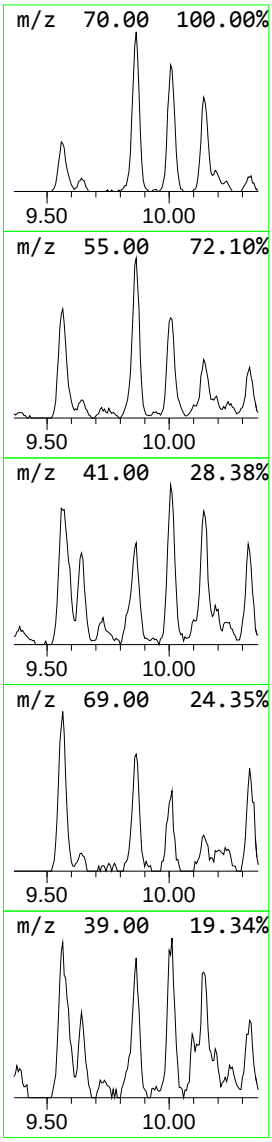
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.865	11.81 ug/l	147909	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
3	Heptane, 3-methylene-	112	C8H16	001632-16-2	78
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	72
5	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	72





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Data File : VN086473.D
Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

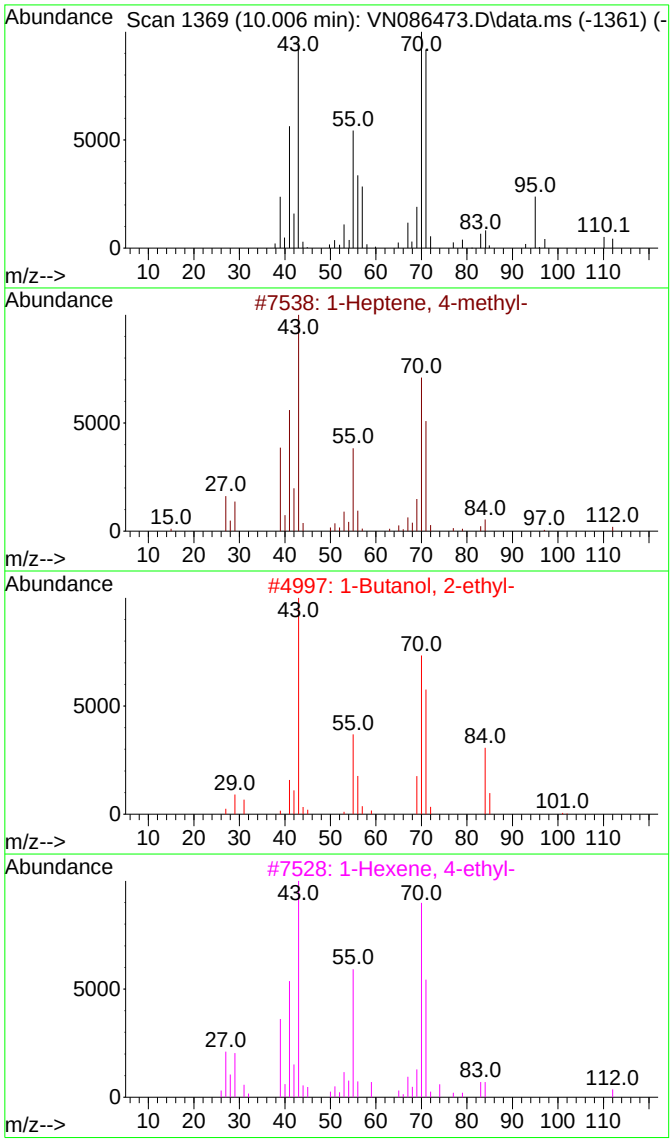
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

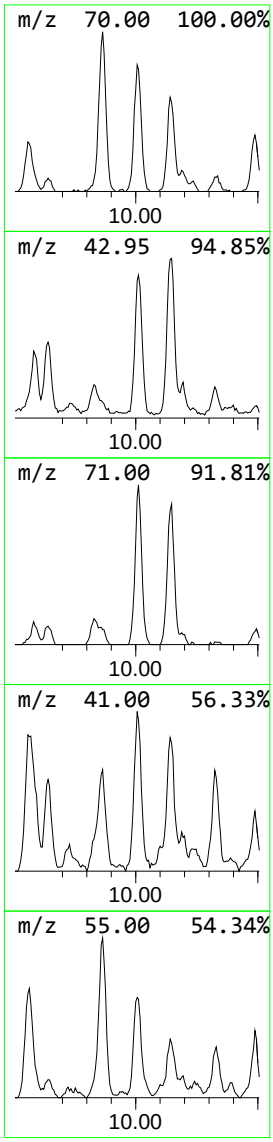
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Heptene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.006	14.43 ug/l	180748	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	72
2	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	50
3	1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	49
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	47
5	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	47





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Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

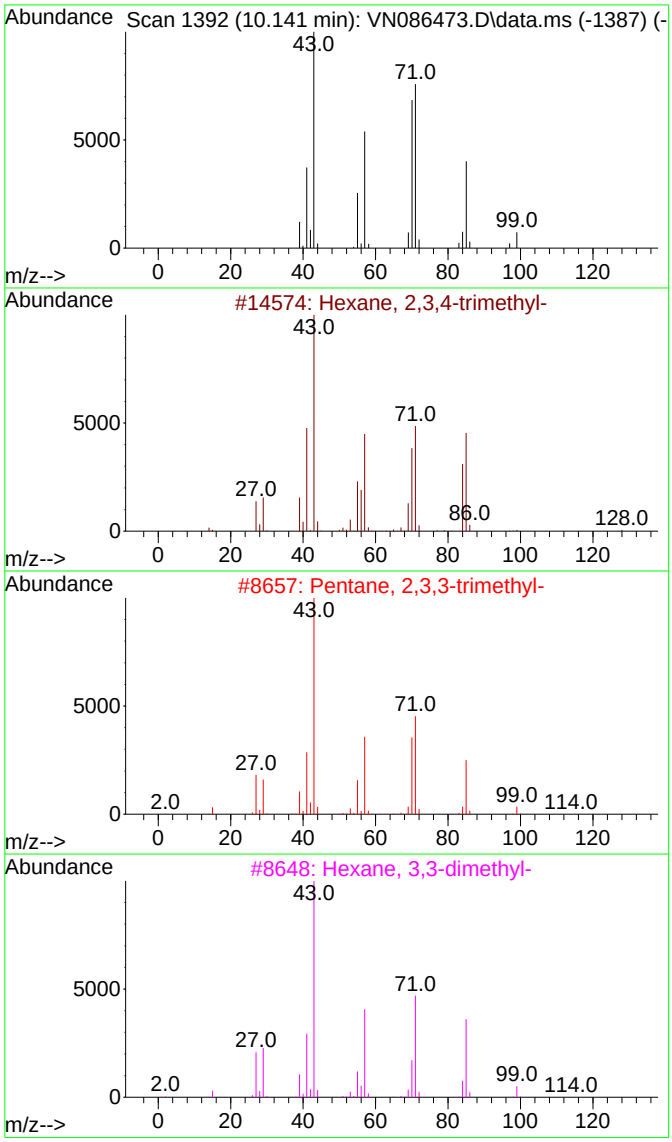
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

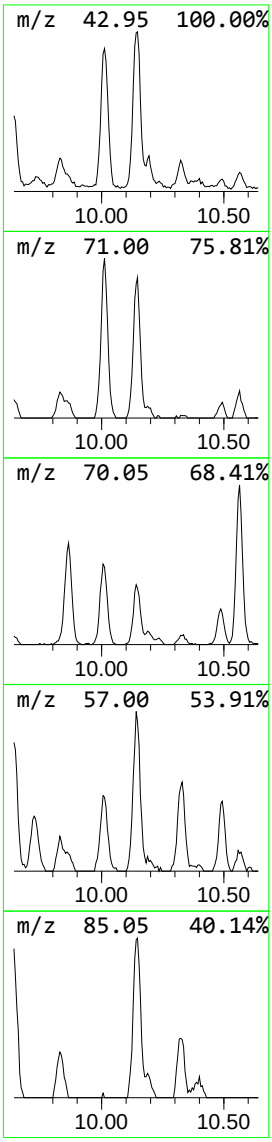
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexane, 2,3,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.141	9.21 ug/l	115368	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	83
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5	Hexadecane	226	C16H34	000544-76-3	45





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Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

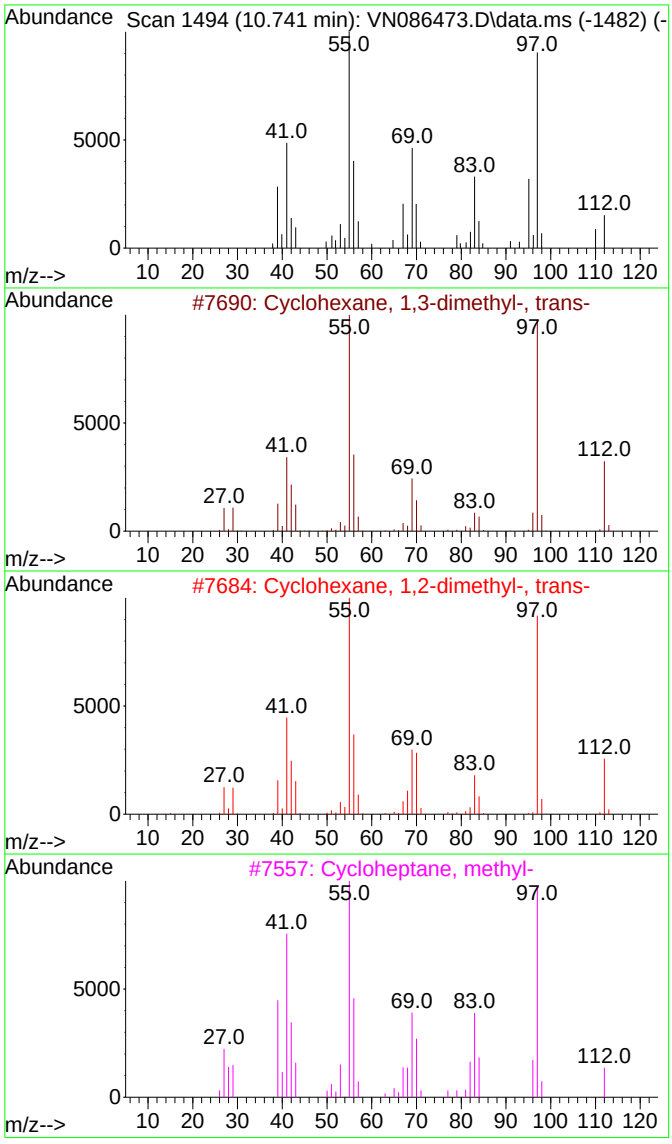
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

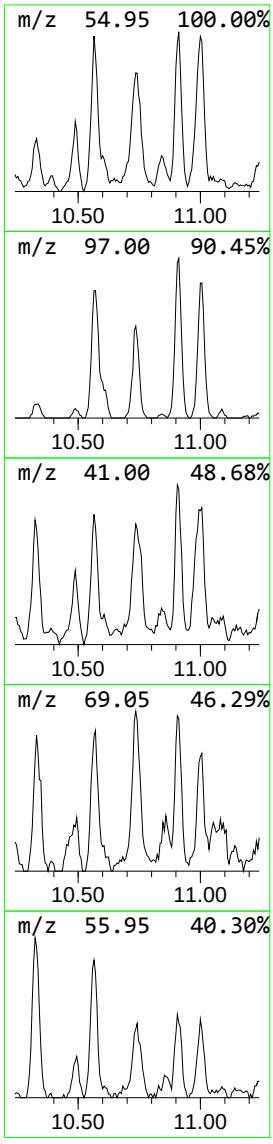
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.741	10.07 ug/l	151111	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	74
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	64
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	64
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	58
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	58





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Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

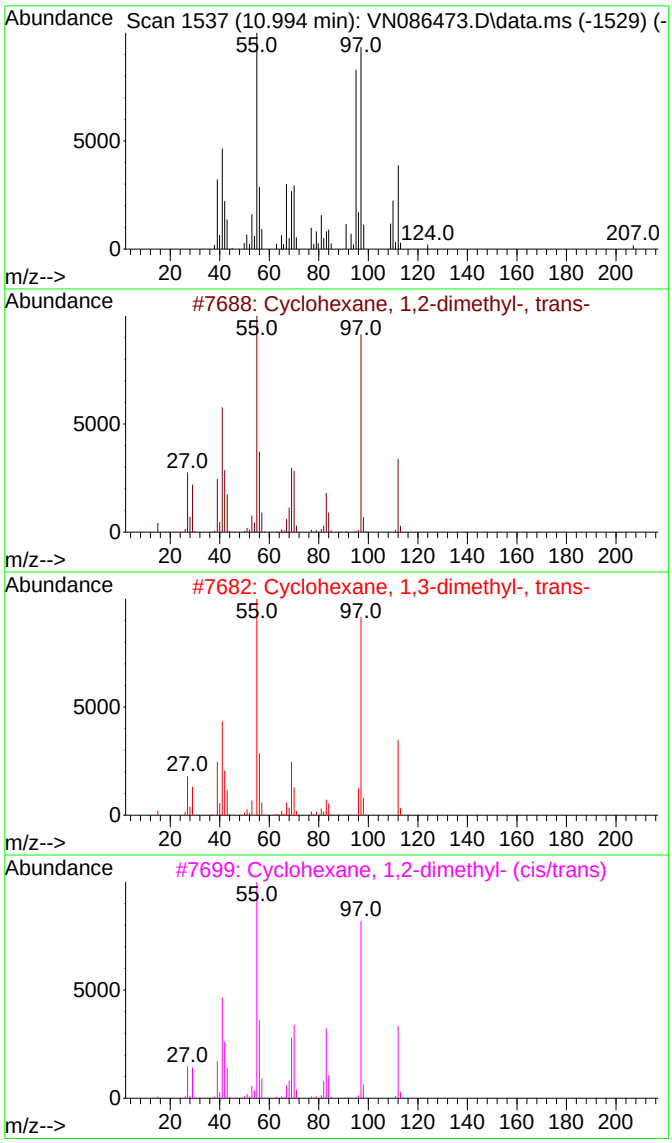
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

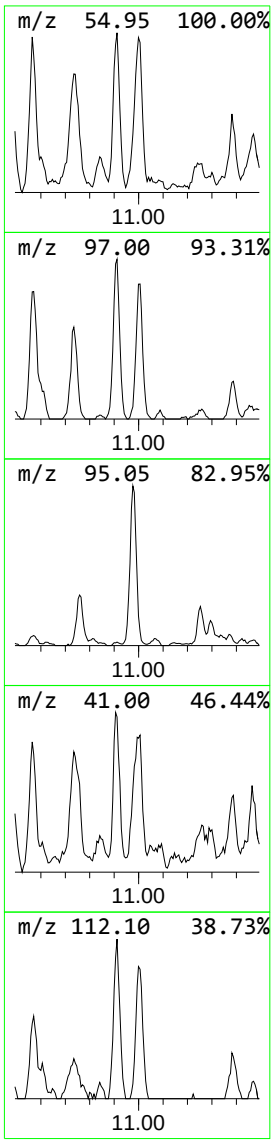
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.994	14.88 ug/l	223305	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	64
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	55
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	55
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	55
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	55





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Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

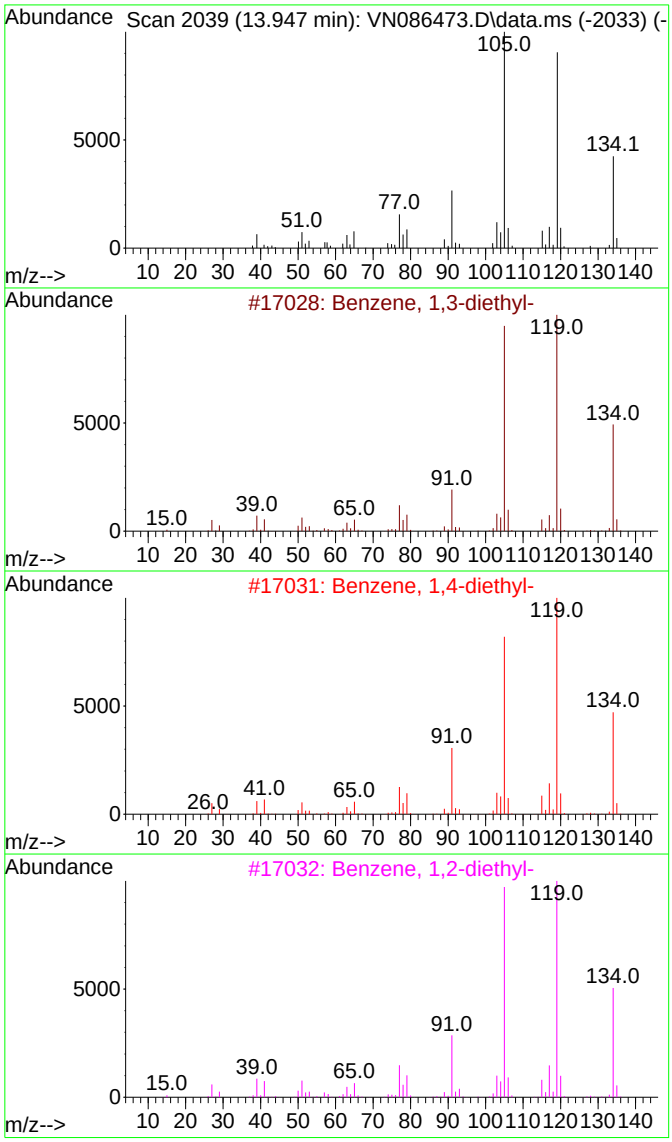
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

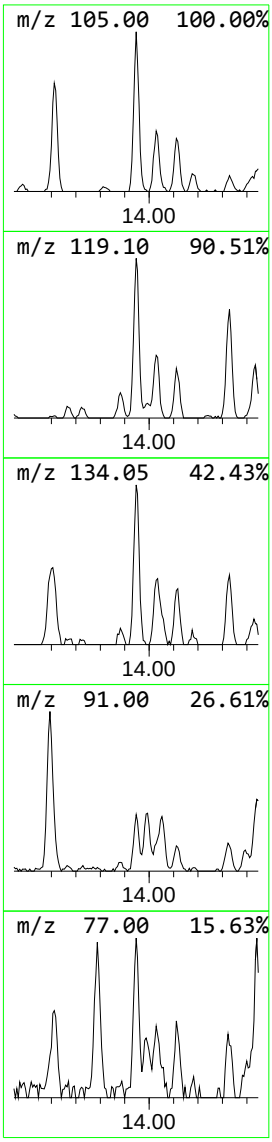
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.947	9.01 ug/l	123595	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	o-Cymene	134	C10H14	000527-84-4	81





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Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

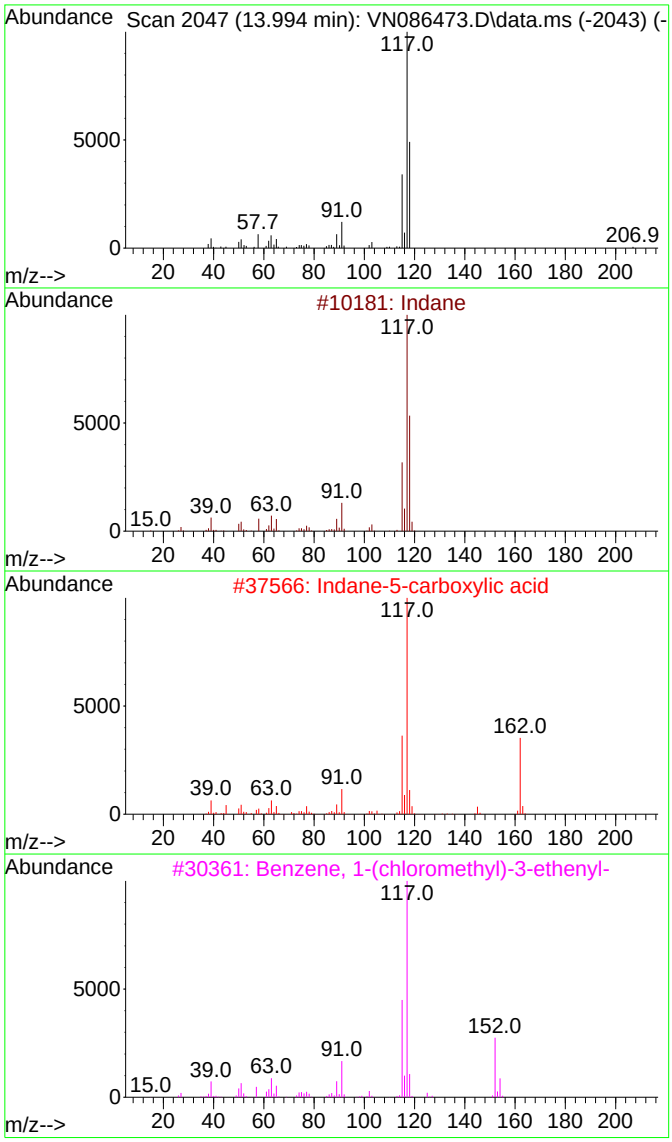
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

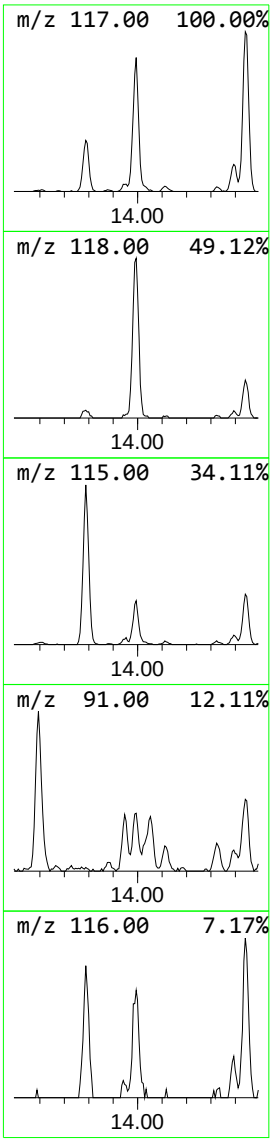
****

Peak Number 12 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	11.82 ug/l	162183	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	59
3	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	59
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53





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Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

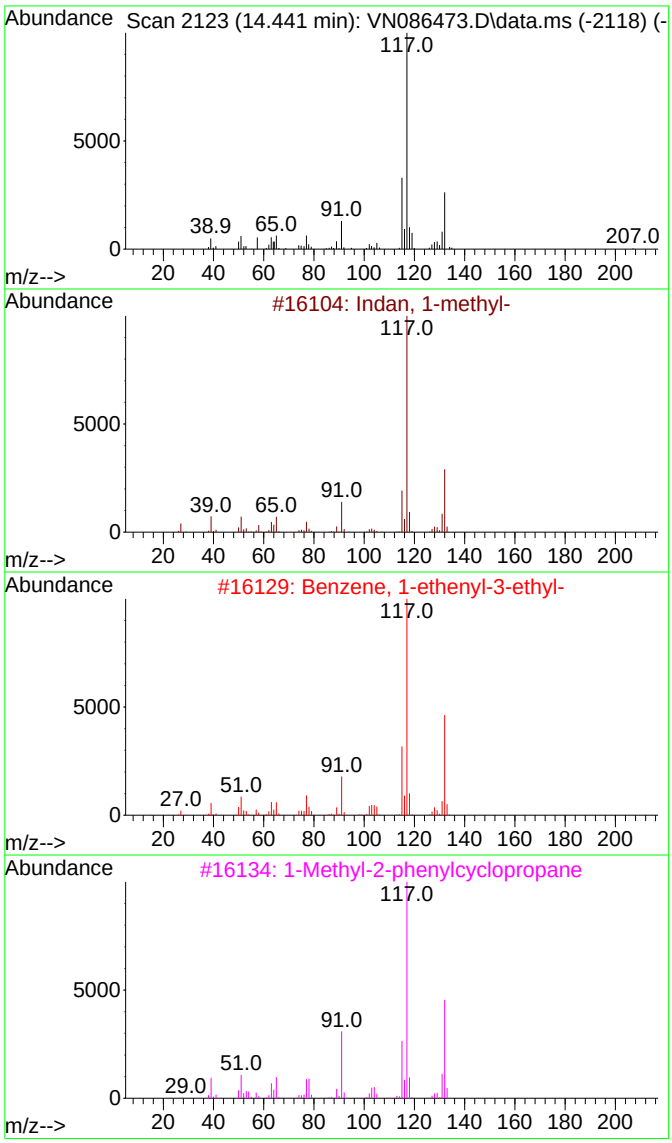
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

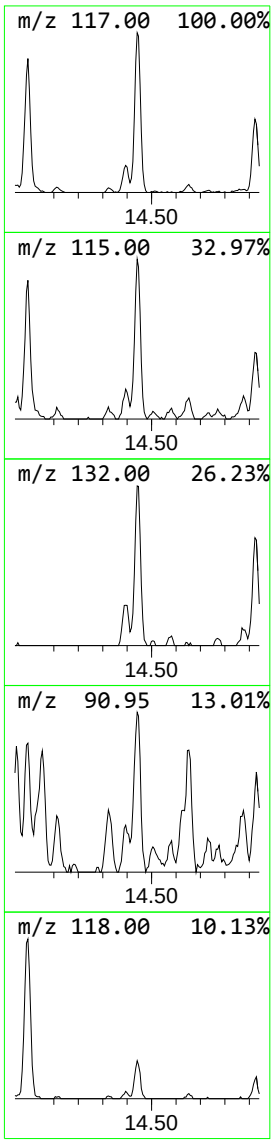
****

Peak Number 13 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.441	15.92 ug/l	218428	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80





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Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

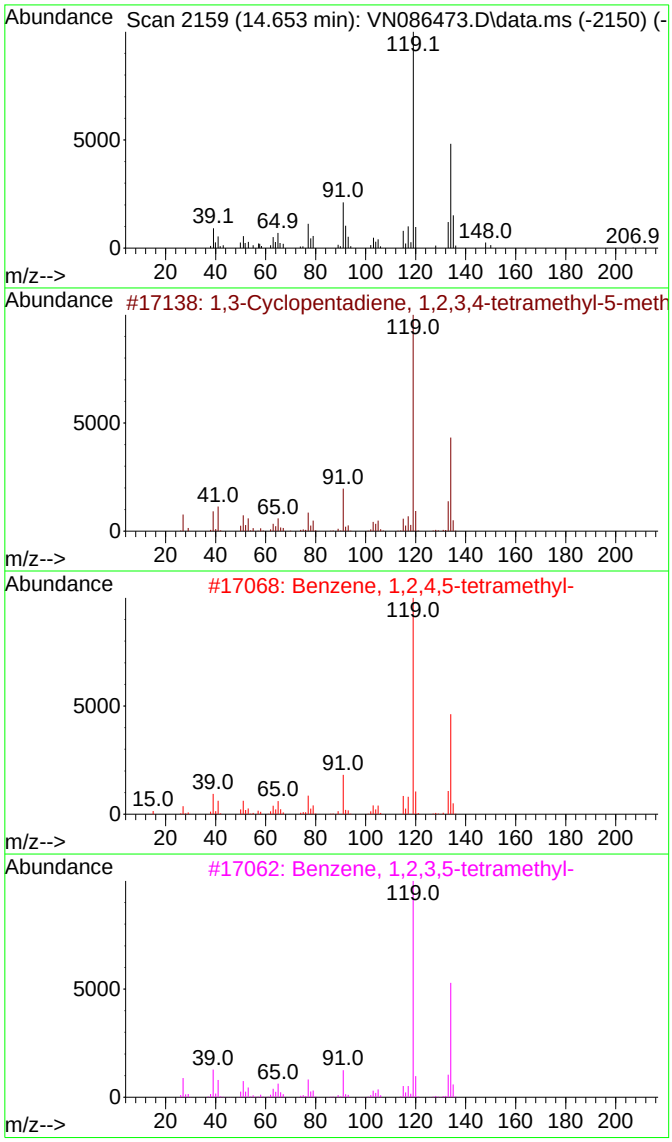
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

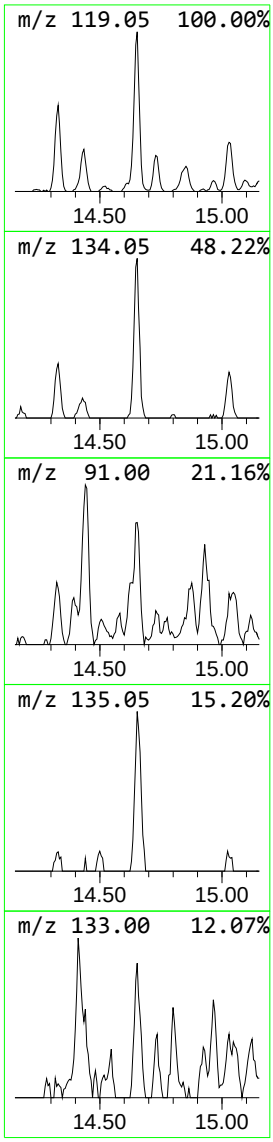
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	9.79 ug/l	134283	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

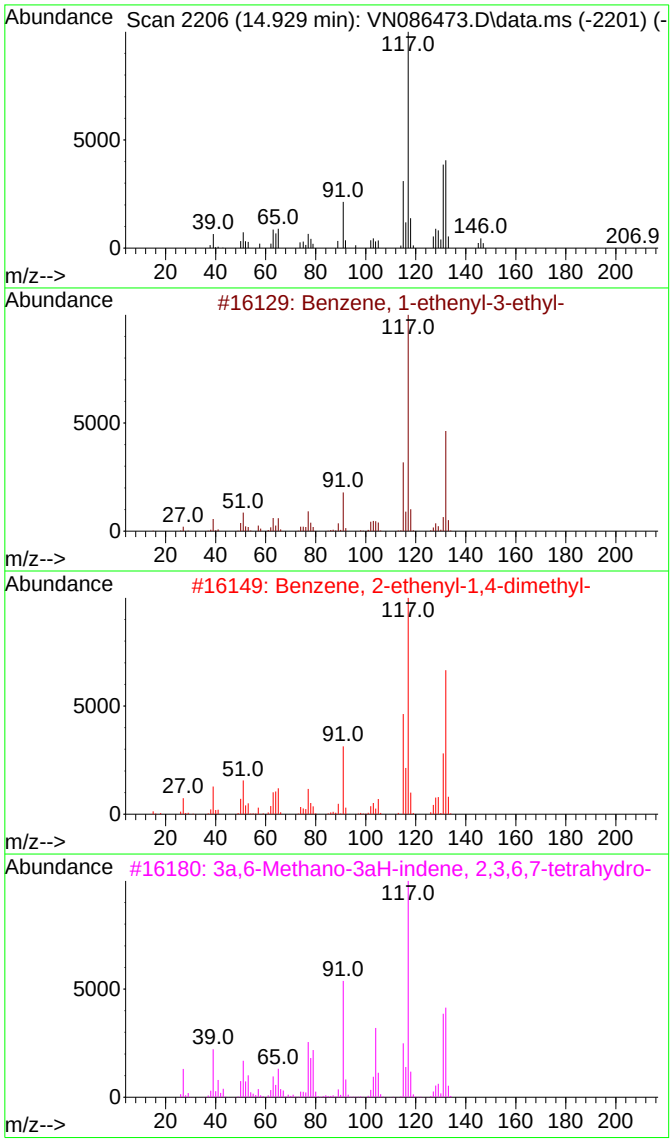
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

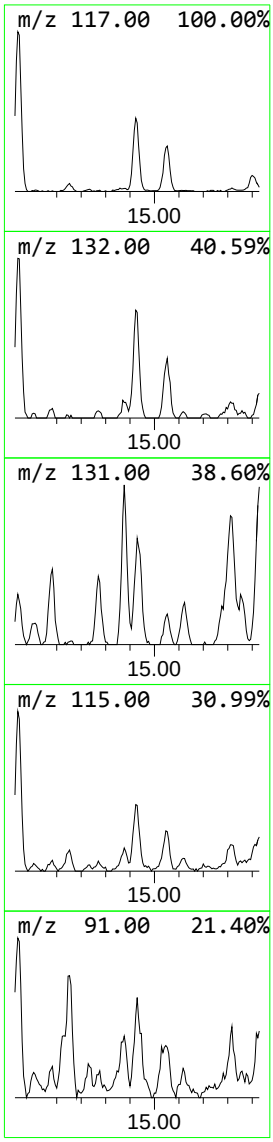
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.929	9.91 ug/l	135934	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	90
4	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83





Tentatively Identified Compound (LSC) summary

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Data File : VN086473.D
Acq On : 02 May 2025 19:07
Operator : JC\MD
Sample : Q1940-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.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, 2,3-dim...	5.271	8.9	ug/l	70337	1	8.224	394568	50.0
Pentane, 3-methyl-	5.812	12.0	ug/l	94761	1	8.224	394568	50.0
Pentane, 2,3-di...	8.329	26.5	ug/l	209116	1	8.224	394568	50.0
Butane, 2,2,3,3...	8.759	22.6	ug/l	283568	2	9.100	626293	50.0
Cyclopentane, 1...	9.565	15.3	ug/l	192055	2	9.100	626293	50.0
Cyclopentane, 1...	9.865	11.8	ug/l	147909	2	9.100	626293	50.0
1-Heptene, 4-me...	10.006	14.4	ug/l	180748	2	9.100	626293	50.0
Hexane, 2,3,4-t...	10.141	9.2	ug/l	115368	2	9.100	626293	50.0
Cyclohexane, 1,...	10.741	10.1	ug/l	151111	3	11.865	750427	50.0
Cyclohexane, 1,...	10.994	14.9	ug/l	223305	3	11.865	750427	50.0
Benzene, 1,3-di...	13.947	9.0	ug/l	123595	4	13.788	686138	50.0
Indane	13.994	11.8	ug/l	162183	4	13.788	686138	50.0
Indan, 1-methyl-	14.441	15.9	ug/l	218428	4	13.788	686138	50.0
1,3-Cyclopentad...	14.653	9.8	ug/l	134283	4	13.788	686138	50.0
Benzene, 1-ethe...	14.929	9.9	ug/l	135934	4	13.788	686138	50.0