LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
Data File : VN086746.D
Acq On : 21 May 2025 21:06
Operator : JC\MD
Sample : Q2071-19 20X
Misc : 3.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6-VOC

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\82N051625W.M
Title : SW846 8260

Signal : TIC: VN086746.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.806	644	655	668	rBV4	8391	26676	1.59%	0.213%
2	8.165	1046	1056	1060	rBV	179374	420916	25.07%	3.356%
3	8.224	1060	1066	1077	rVV	315724	718980	42.83%	5.733%
4	8.330	1077	1084	1092	rVB2	9419	23111	1.38%	0.184%
5	8.577	1118	1126	1136	rVV	183566	401978	23.94%	3.205%
6	8.718	1142	1150	1156	rBV5	21200	55174	3.29%	0.440%
7	8.788	1156	1162	1167	rVV5	19757	48066	2.86%	0.383%
8	8.853	1167	1173	1181	rVB2	33022	75694	4.51%	0.604%
9	9.094	1206	1214	1228	rBV	484722	1018101	60.65%	8.118%
10	9.594	1286	1299	1314	rVB	125795	331131	19.72%	2.640%
11	9.865	1335	1345	1352	rVB3	20032	47968	2.86%	0.382%
12	10.006	1361	1369	1376	rBV2	24902	52090	3.10%	0.415%
13	10.147	1388	1393	1397	rBV3	9381	17943	1.07%	0.143%
14	10.324	1418	1423	1427	rBV4	11170	20982	1.25%	0.167%
15	10.565	1456	1464	1478	rBV	875381	1678782	100.00%	13.386%
16	10.741	1488	1494	1503	rVB5	26127	68554	4.08%	0.547%
17	10.906	1518	1522	1528	rVB2	36077	63660	3.79%	0.508%
18	11.006	1531	1539	1542	rBV4	22111	47126	2.81%	0.376%
19	11.077	1548	1551	1556	rVB3	12168	19670	1.17%	0.157%
20	11.171	1558	1567	1574	rBV2	39685	75447	4.49%	0.602%
21	11.265	1578	1583	1592	rVB2	20176	46579	2.77%	0.371%
22	11.341	1592	1596	1600	rBV4	11032	17772	1.06%	0.142%
23	11.418	1600	1609	1613	rBV	44541	80073	4.77%	0.638%
24	11.465	1613	1617	1623	rVB	62330	110510	6.58%	0.881%
25	11.571	1630	1635	1639	rBV2	34024	55852	3.33%	0.445%
26	11.671	1648	1652	1658	rVB2	31422	52272	3.11%	0.417%
27	11.735	1658	1663	1670	rVB3	16713	30935	1.84%	0.247%
28	11.859	1677	1684	1695	rBV	722422	1317798	78.50%	10.508%
29	12.000	1704	1708	1711	rBV4	11143	19096	1.14%	0.152%
30	12.041	1711	1715	1721	rVB5	15474	31855	1.90%	0.254%
31	12.106	1721	1726	1730	rBV	40048	73042	4.35%	0.582%
32	12.212	1739	1744	1749	rBV5	10007	22902	1.36%	0.183%
33	12.282	1753	1756	1762	rVB5	17809	29876	1.78%	0.238%
34	12.365	1764	1770	1777	rBV5	54335	143712	8.56%	1.146%
35	12.476	1785	1789	1795	rVB2	79647	141914	8.45%	1.132%
36	12.594	1795	1809	1820	rBV3	83337	356229	21.22%	2.840%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
Data File : VN086746.D
Acq On : 21 May 2025 21:06
Operator : JC\MD
Sample : Q2071-19 20X
Misc : 3.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6-VOC

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\82N051625W.M
Title : SW846 8260

37	12.735	1830	1833	1834	rBV2	18030	21396	1.27%	0.171%
38	12.847	1846	1852	1860	rVB	604415	1050949	62.60%	8.380%
39	13.018	1876	1881	1887	rBV3	54336	99469	5.93%	0.793%
40	13.088	1887	1893	1899	rBV7	29939	79938	4.76%	0.637%
41	13.171	1900	1907	1912	rVV3	52104	120916	7.20%	0.964%
42	13.312	1926	1931	1934	rBV6	28725	46940	2.80%	0.374%
43	13.388	1941	1944	1950	rVB2	68816	101483	6.05%	0.809%
44	13.500	1959	1963	1964	rBV4	15480	22355	1.33%	0.178%
45	13.571	1972	1975	1979	rBV5	27087	35630	2.12%	0.284%
46	13.676	1987	1993	1997	rBV4	64977	140955	8.40%	1.124%
47	13.788	2006	2012	2029	rVB	759661	1557958	92.80%	12.423%
48	13.935	2033	2037	2041	rBV5	22386	39562	2.36%	0.315%
49	14.112	2062	2067	2071	rBV4	95654	179254	10.68%	1.429%
50	14.500	2129	2133	2139	rBV6	39989	85073	5.07%	0.678%
51	14.623	2149	2154	2157	rBV4	95117	144827	8.63%	1.155%
52	14.659	2157	2160	2167	rVB3	86531	148713	8.86%	1.186%
53	14.723	2168	2171	2175	rBV4	39577	56491	3.36%	0.450%
54	14.788	2175	2182	2187	rBV4	58996	134446	8.01%	1.072%
55	15.029	2219	2223	2227	rBV3	73023	140388	8.36%	1.119%
56	15.265	2259	2263	2267	rBV6	28901	44945	2.68%	0.358%
57	15.312	2268	2271	2277	rVB6	36072	63362	3.77%	0.505%
58	15.588	2314	2318	2322	rBV4	47777	75890	4.52%	0.605%
59	15.788	2348	2352	2363	rVB10	68455	198878	11.85%	1.586%
60	15.947	2370	2379	2384	rBV10	33739	122836	7.32%	0.979%
61	16.606	2488	2491	2500	rVB5	43581	86048	5.13%	0.686%

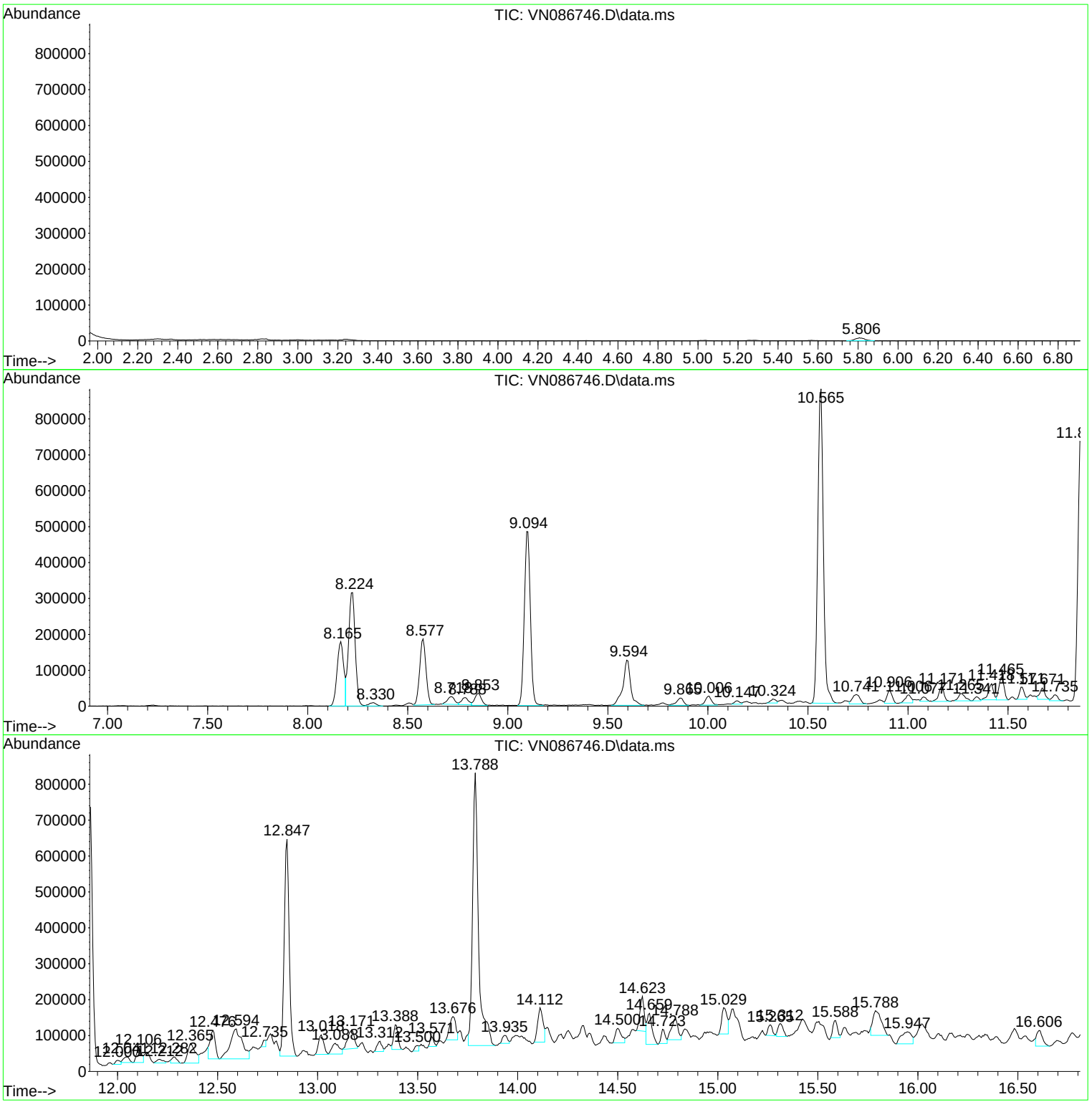
Sum of corrected areas: 12541168

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
Data File : VN086746.D
Acq On : 21 May 2025 21:06
Operator : JC\MD
Sample : Q2071-19 20X
Misc : 3.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
Data File : VN086746.D
Acq On : 21 May 2025 21:06
Operator : JC\MD
Sample : Q2071-19 20X
Misc : 3.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6-VOC

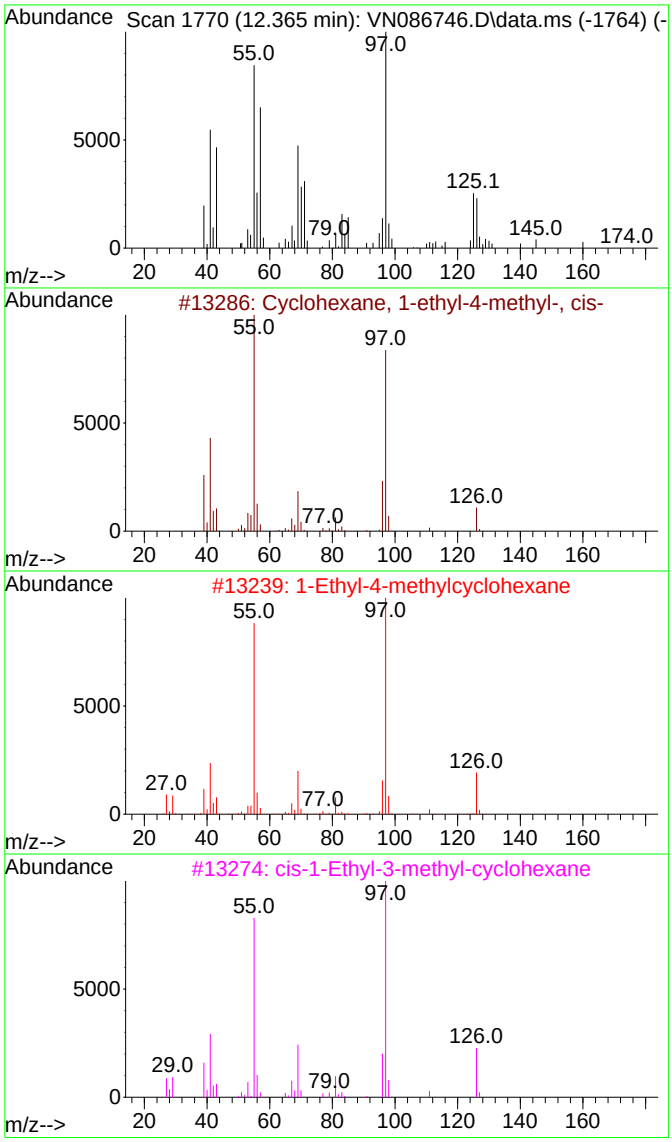
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

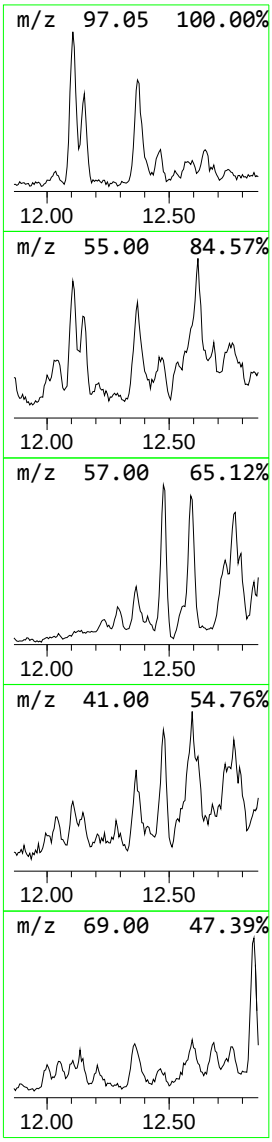
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	5.45 ug/l	143712	Chlorobenzene-d5	11.859

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	49
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	49
4	3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	49
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
Data File : VN086746.D
Acq On : 21 May 2025 21:06
Operator : JC\MD
Sample : Q2071-19 20X
Misc : 3.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6-VOC

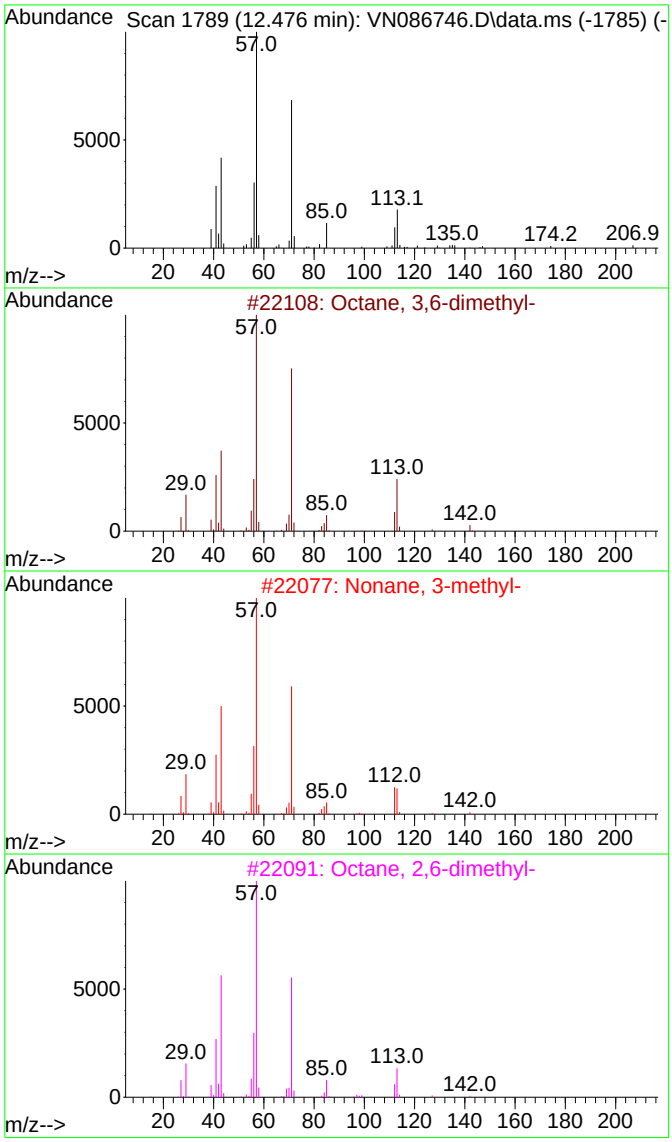
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

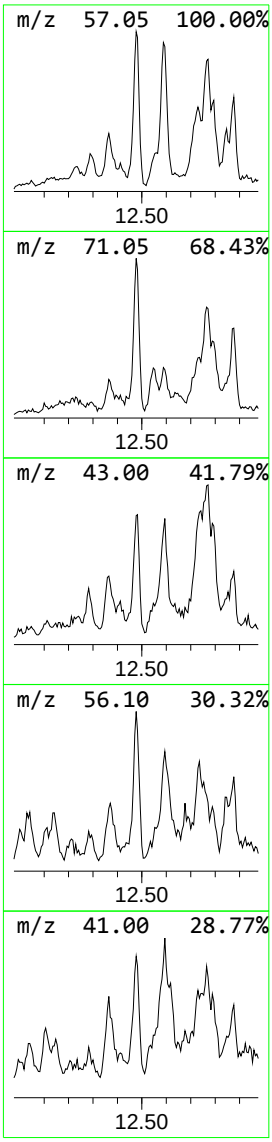
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.477	5.38 ug/l	141914	Chlorobenzene-d5	11.859

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	83
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
Data File : VN086746.D
Acq On : 21 May 2025 21:06
Operator : JC\MD
Sample : Q2071-19 20X
Misc : 3.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6-VOC

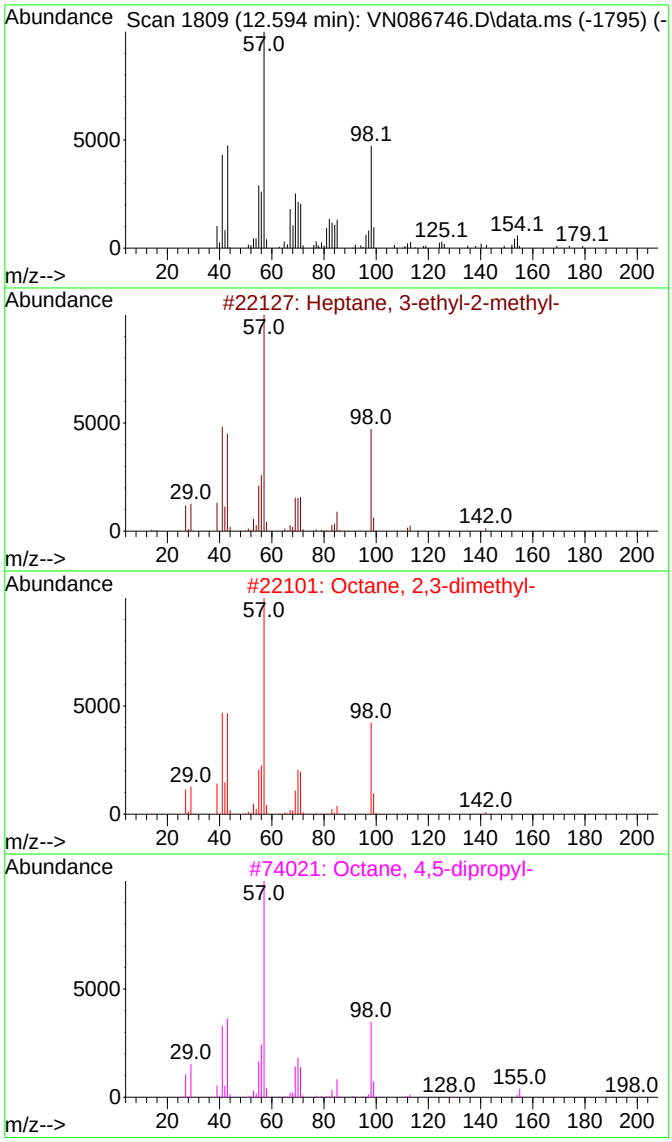
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

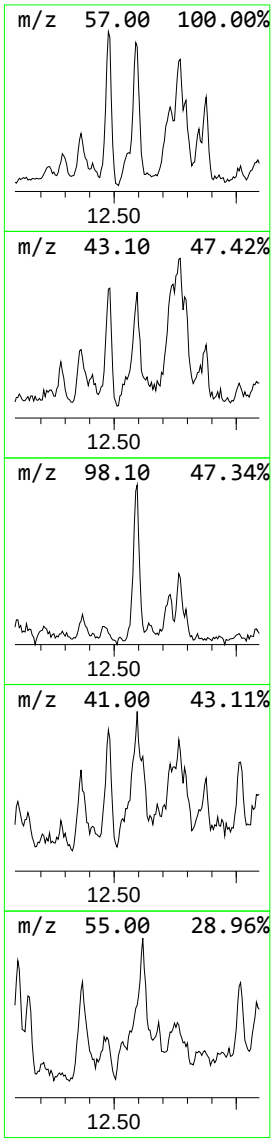
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.594	13.52 ug/l	356229	Chlorobenzene-d5	11.859

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	87
3	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	78
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
Data File : VN086746.D
Acq On : 21 May 2025 21:06
Operator : JC\MD
Sample : Q2071-19 20X
Misc : 3.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6-VOC

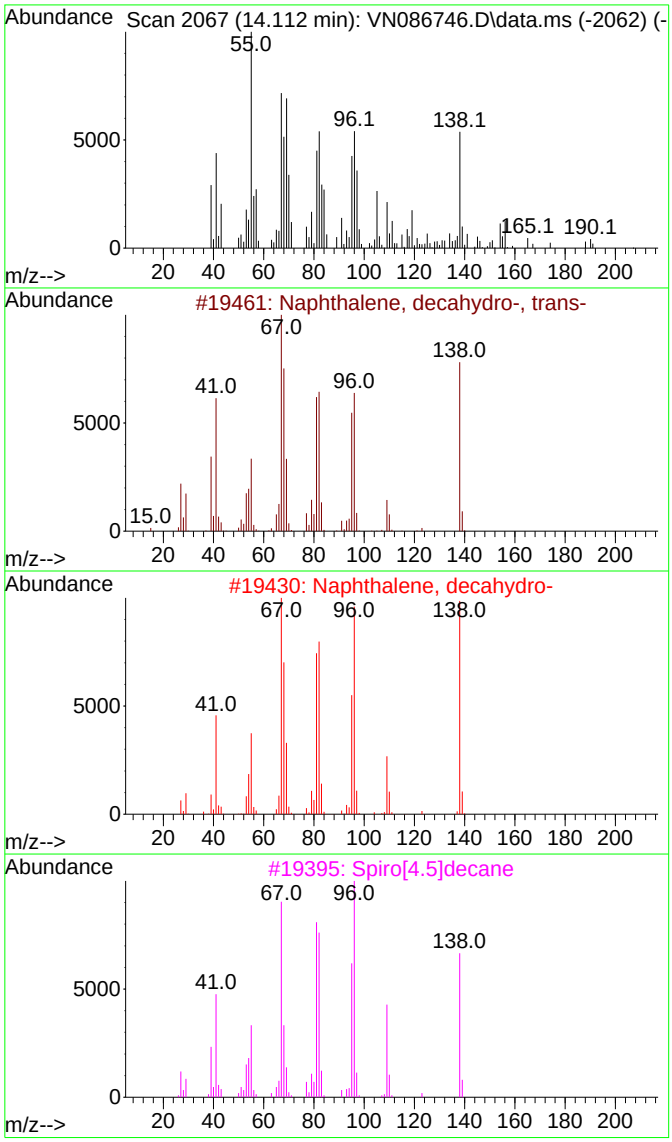
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

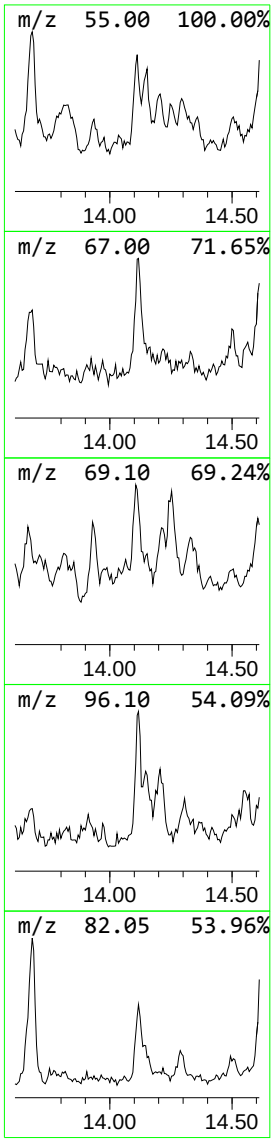
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.112	5.75 ug/l	179254	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	Spiro[4.5]decane	138	C10H18	000176-63-6	81
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
5	Cyclopentanone, 2-(2-methylpropy...	138	C9H14O	016856-72-7	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
Data File : VN086746.D
Acq On : 21 May 2025 21:06
Operator : JC\MD
Sample : Q2071-19 20X
Misc : 3.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260

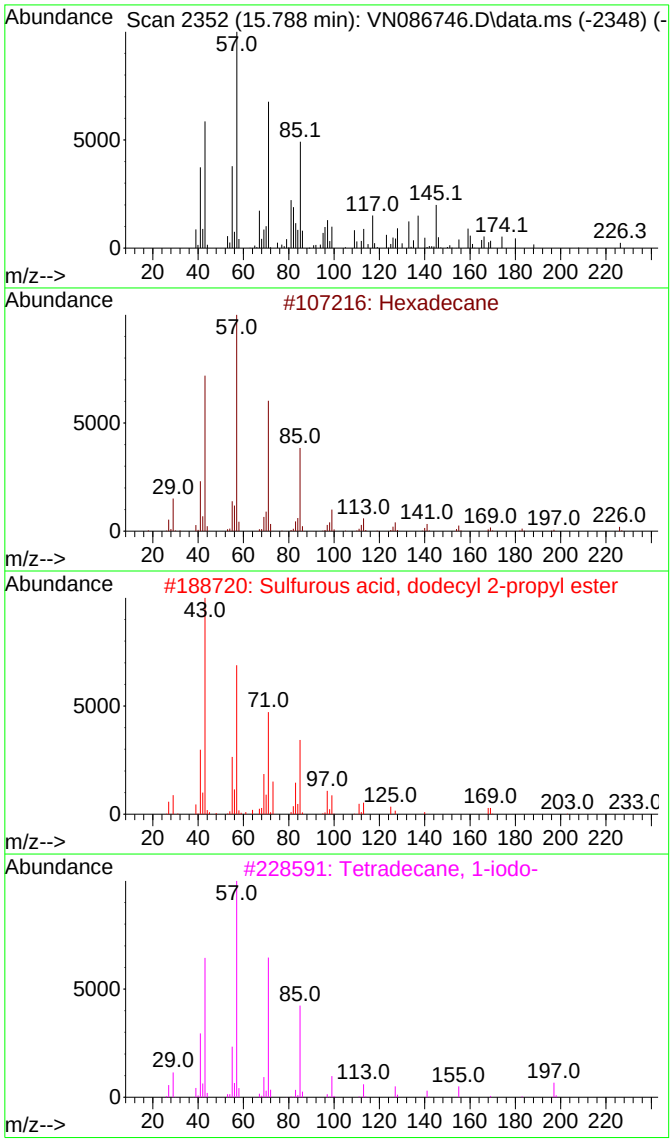
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

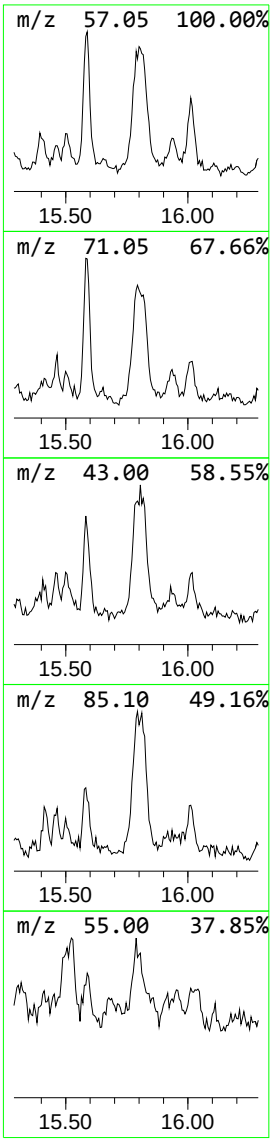
****

Peak Number 5 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.788	6.38 ug/l	198878	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	50
2	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	43
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
Data File : VN086746.D
Acq On : 21 May 2025 21:06
Operator : JC\MD
Sample : Q2071-19 20X
Misc : 3.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
L2-WC-6-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.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
Cyclohexane, 1-...	12.365	5.5	ug/l	143712	3	11.859	1317800	50.0
Octane, 3,6-dim...	12.477	5.4	ug/l	141914	3	11.859	1317800	50.0
Heptane, 3-ethy...	12.594	13.5	ug/l	356229	3	11.859	1317800	50.0
Naphthalene, de...	14.112	5.8	ug/l	179254	4	13.788	1557960	50.0
Hexadecane	15.788	6.4	ug/l	198878	4	13.788	1557960	50.0