LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086500.D
Acq On : 05 May 2025 20:50
Operator : JC\MD
Sample : Q1939-06 20X
Misc : 7.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

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: VN086500.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.165	1046	1056	1060	rBV	124143	286260	6.67%	0.641%
2	8.224	1060	1066	1076	rVV	232405	545663	12.72%	1.222%
3	8.324	1076	1083	1091	rVB2	19830	48546	1.13%	0.109%
4	8.577	1118	1126	1135	rVB	143777	316640	7.38%	0.709%
5	8.712	1141	1149	1156	rBV4	38394	97050	2.26%	0.217%
6	8.783	1156	1161	1167	rVV2	34345	76199	1.78%	0.171%
7	8.847	1167	1172	1183	rVB3	48924	111407	2.60%	0.249%
8	9.100	1205	1215	1225	rBV	361954	744938	17.36%	1.668%
9	9.594	1286	1299	1305	rBV3	231860	677309	15.79%	1.516%
10	9.865	1334	1345	1356	rVB2	106636	249474	5.81%	0.558%
11	10.000	1360	1368	1381	rBV2	146374	292062	6.81%	0.654%
12	10.147	1386	1393	1397	rBV	65462	127513	2.97%	0.285%
13	10.188	1397	1400	1415	rVB2	37554	69095	1.61%	0.155%
14	10.324	1415	1423	1427	rBV3	77166	161389	3.76%	0.361%
15	10.371	1427	1431	1439	rVB2	68093	126390	2.95%	0.283%
16	10.459	1439	1446	1448	rBV2	34345	62790	1.46%	0.141%
17	10.565	1456	1464	1469	rBV	1065219	2000653	46.63%	4.479%
18	10.688	1479	1485	1488	rBV3	60986	112178	2.61%	0.251%
19	10.741	1488	1494	1503	rVB4	209194	518866	12.09%	1.162%
20	10.859	1503	1514	1517	rBV	107155	217153	5.06%	0.486%
21	10.906	1517	1522	1530	rVB	338623	639105	14.89%	1.431%
22	11.000	1530	1538	1547	rBV3	175412	484107	11.28%	1.084%
23	11.082	1547	1552	1558	rVB	152562	273098	6.36%	0.611%
24	11.171	1558	1567	1573	rBV	441363	798037	18.60%	1.787%
25	11.271	1573	1584	1592	rBV	299862	698649	16.28%	1.564%
26	11.347	1592	1597	1600	rBV2	137567	229181	5.34%	0.513%
27	11.418	1600	1609	1612	rBV	346646	637943	14.87%	1.428%
28	11.471	1612	1618	1623	rVB	717119	1323089	30.84%	2.962%
29	11.524	1623	1627	1630	rBV	70618	91301	2.13%	0.204%
30	11.571	1630	1635	1639	rBV2	451998	735435	17.14%	1.646%
31	11.612	1639	1642	1647	rVB2	186213	290070	6.76%	0.649%
32	11.671	1647	1652	1658	rBV	342009	588335	13.71%	1.317%
33	11.735	1658	1663	1667	rVB	121576	176509	4.11%	0.395%
34	11.794	1667	1673	1677	rBV5	37519	75490	1.76%	0.169%
35	11.865	1678	1685	1697	rBV	502510	974370	22.71%	2.181%
36	11.959	1697	1701	1704	rBV	66365	93534	2.18%	0.209%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
GB3B

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	12.000	1704	1708	1711	rBV	141874	231803	5.40%	0.519%
38	12.041	1711	1715	1721	rVB4	234403	484326	11.29%	1.084%
39	12.106	1721	1726	1730	rBV	522144	941675	21.95%	2.108%
40	12.147	1730	1733	1739	rVB3	362687	619984	14.45%	1.388%
41	12.206	1739	1743	1750	rBV3	116049	278094	6.48%	0.623%
42	12.282	1750	1756	1763	rVB4	241693	487996	11.37%	1.092%
43	12.365	1763	1770	1777	rBV3	655719	1574916	36.70%	3.526%
44	12.476	1783	1789	1794	rVB2	810475	1452954	33.86%	3.253%
45	12.588	1794	1808	1821	rBV4	1054513	4290818	100.00%	9.606%
46	12.694	1821	1826	1828	rVV5	276381	593441	13.83%	1.329%
47	12.729	1829	1832	1840	rVB3	412111	746287	17.39%	1.671%
48	12.794	1840	1843	1846	rVB	48648	59589	1.39%	0.133%
49	12.847	1846	1852	1858	rVB	605250	1004948	23.42%	2.250%
50	12.929	1858	1866	1871	rBV4	211834	495179	11.54%	1.109%
51	13.018	1876	1881	1887	rVB3	515778	1026636	23.93%	2.298%
52	13.088	1887	1893	1898	rBV5	191463	422586	9.85%	0.946%
53	13.171	1898	1907	1912	rBV5	510113	1320881	30.78%	2.957%
54	13.223	1912	1916	1921	rVB2	267890	445724	10.39%	0.998%
55	13.306	1925	1930	1934	rBV3	189649	323475	7.54%	0.724%
56	13.353	1934	1938	1941	rBV2	162315	242296	5.65%	0.542%
57	13.388	1941	1944	1950	rVB	484184	718339	16.74%	1.608%
58	13.518	1959	1966	1971	rBV3	176065	428278	9.98%	0.959%
59	13.570	1971	1975	1979	rVV3	146355	237787	5.54%	0.532%
60	13.612	1979	1982	1986	rVB2	112494	150973	3.52%	0.338%
61	13.676	1986	1993	1997	rBV4	401105	848835	19.78%	1.900%
62	13.747	2002	2005	2007	rVV	150328	218407	5.09%	0.489%
63	13.782	2007	2011	2019	rVV2	639035	1159910	27.03%	2.597%
64	13.853	2019	2023	2030	rVB2	148112	248351	5.79%	0.556%
65	13.941	2031	2038	2042	rBV5	130450	267975	6.25%	0.600%
66	14.112	2061	2067	2072	rBV2	379378	768187	17.90%	1.720%
67	14.212	2080	2084	2087	rBV3	100643	155018	3.61%	0.347%
68	14.253	2087	2091	2095	rVV4	93465	155529	3.62%	0.348%
69	14.323	2099	2103	2108	rVB	210935	323424	7.54%	0.724%
70	14.435	2117	2122	2128	rVB3	143707	276974	6.46%	0.620%
71	14.500	2129	2133	2139	rVV6	102005	181797	4.24%	0.407%
72	14.576	2142	2146	2149	rVV4	120620	233723	5.45%	0.523%
73	14.623	2149	2154	2157	rVV2	396819	714115	16.64%	1.599%
74	14.653	2157	2159	2167	rVB2	280627	422771	9.85%	0.946%
75	14.729	2167	2172	2176	rBV3	165116	257871	6.01%	0.577%
76	14.788	2178	2182	2187	rVV3	143783	255033	5.94%	0.571%

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Instrument :
MSVOA_N
ClientSampleId :
GB3B

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

77	14.835	2187	2190	2197	rVB6	62456	111416	2.60%	0.249%
78	14.929	2201	2206	2210	rBV3	75054	149366	3.48%	0.334%
79	15.029	2218	2223	2229	rBV3	323061	820126	19.11%	1.836%
80	15.265	2259	2263	2266	rBV5	71191	124596	2.90%	0.279%
81	15.312	2266	2271	2276	rVB3	152169	287936	6.71%	0.645%
82	15.429	2286	2291	2298	rVB4	156890	381348	8.89%	0.854%
83	15.588	2313	2318	2327	rVB3	205289	400084	9.32%	0.896%
84	15.941	2370	2378	2385	rBV4	149459	426554	9.94%	0.955%
85	16.017	2387	2391	2397	rVB4	58069	122017	2.84%	0.273%
86	16.247	2428	2430	2436	rVB3	64303	95537	2.23%	0.214%
87	16.329	2437	2444	2450	rVB5	79358	237565	5.54%	0.532%
88	16.488	2464	2471	2476	rBV6	85022	224237	5.23%	0.502%
89	16.776	2512	2520	2522	rBV	667258	1271279	29.63%	2.846%

Sum of corrected areas: 44668794

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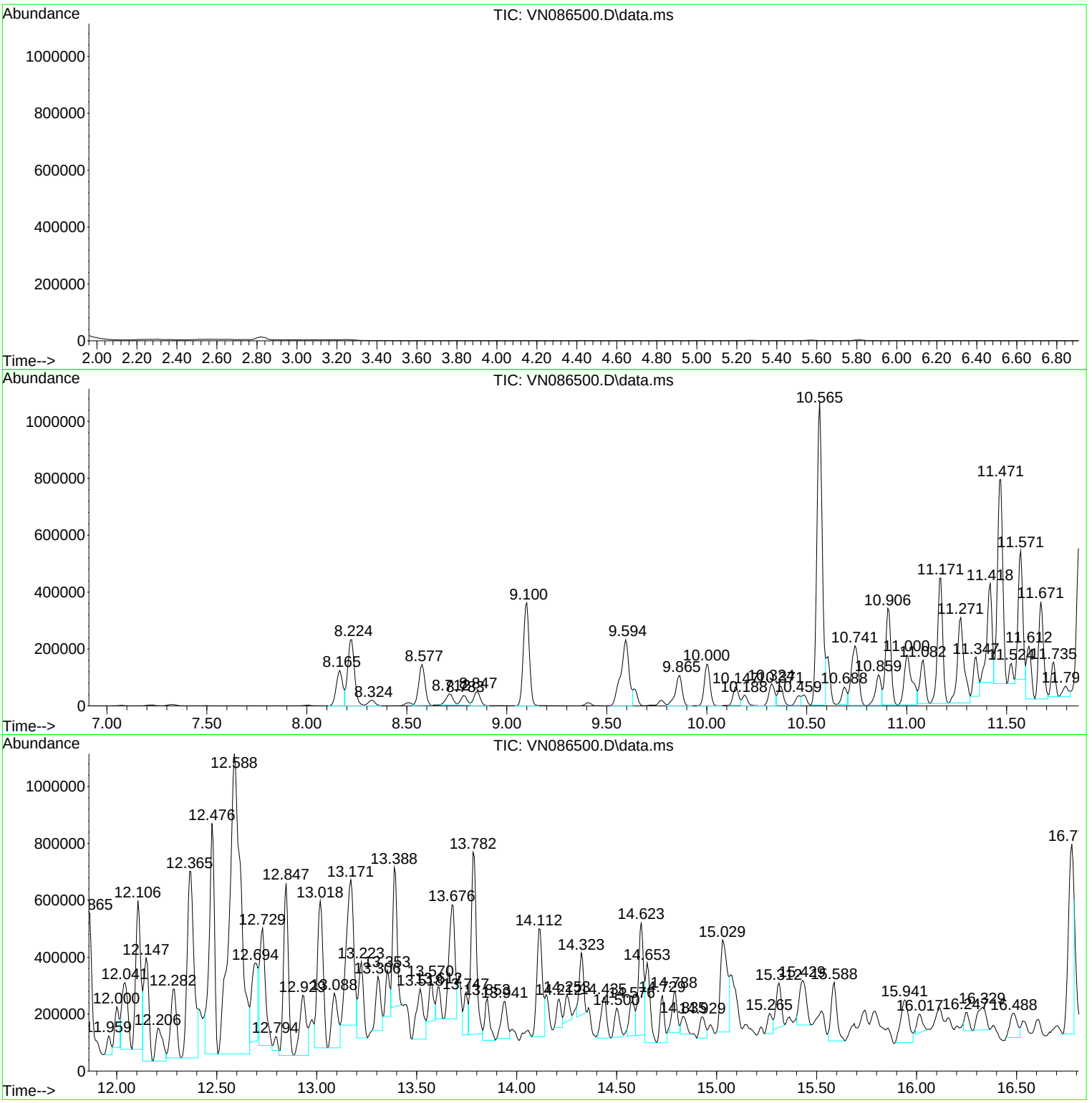
Instrument :
MSVOA_N
ClientSampleId :
GB3B

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



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GB3B

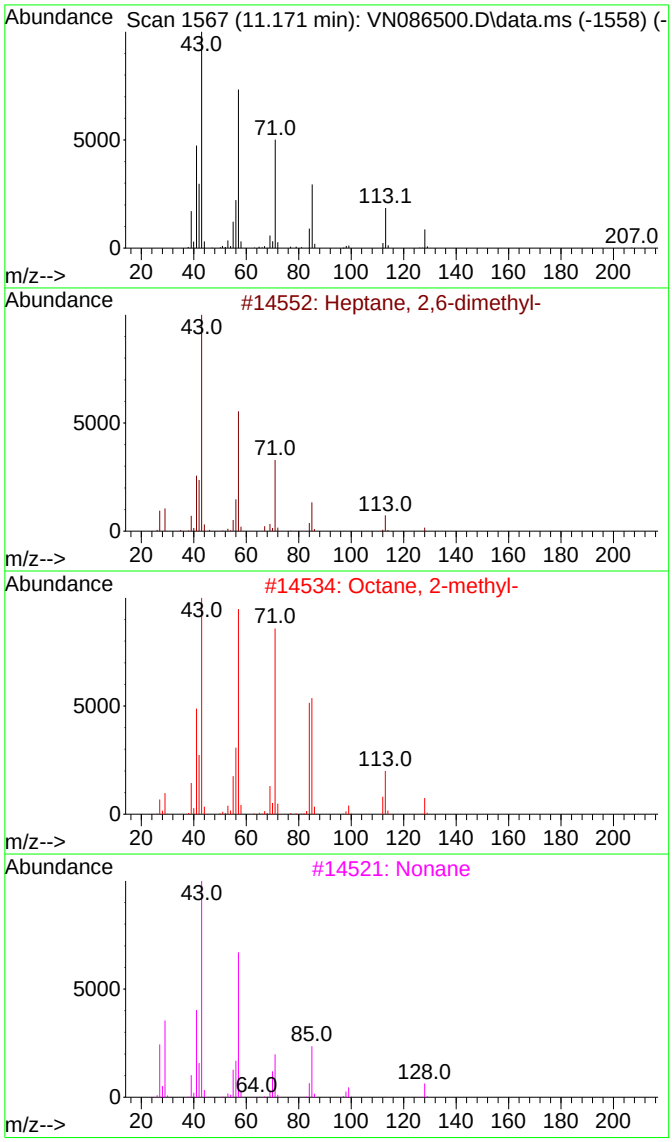
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

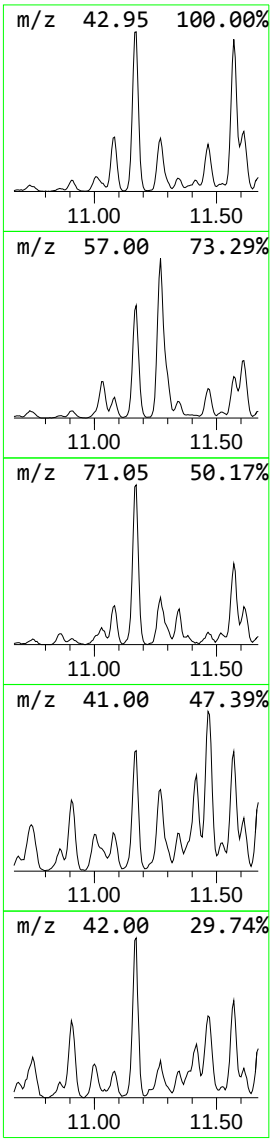
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Heptane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.171	40.95 ug/l	798037	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
2	Octane, 2-methyl-	128	C9H20	003221-61-2	91
3	Nonane	128	C9H20	000111-84-2	64
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	53





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Misc : 7.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

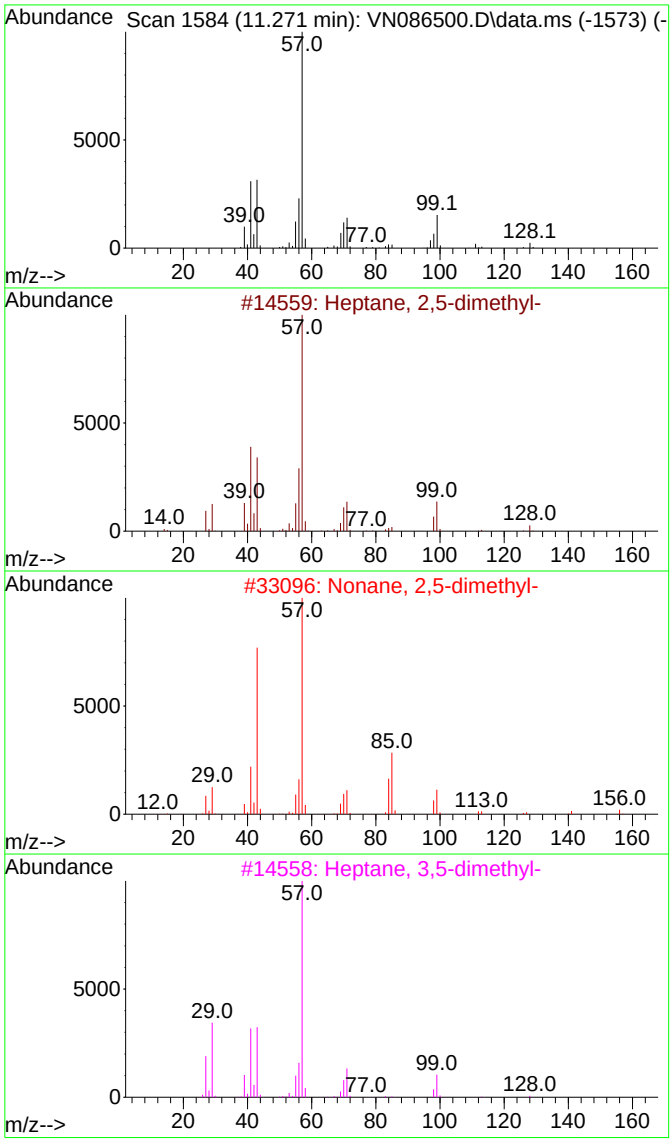
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

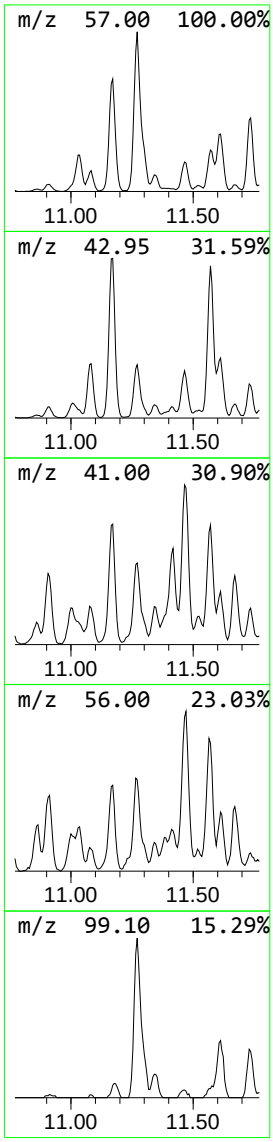
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Heptane, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.271	35.85 ug/l	698649	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	72
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72
4	Octane, 3-methyl-	128	C9H20	002216-33-3	64
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	59





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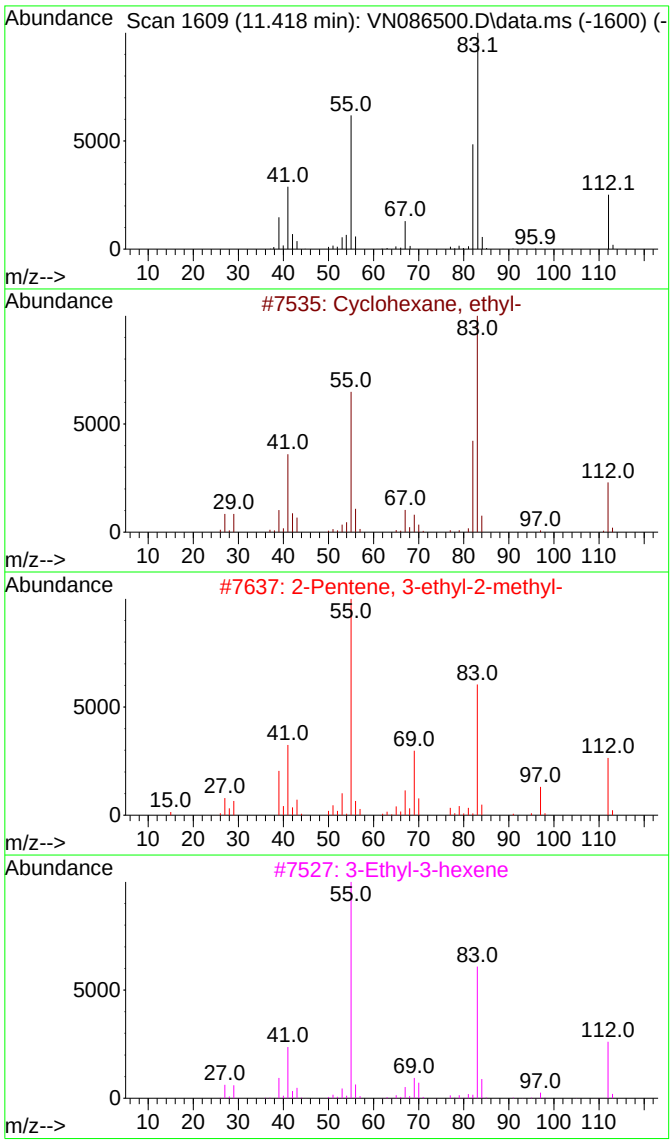
Quant Title : SW846 8260

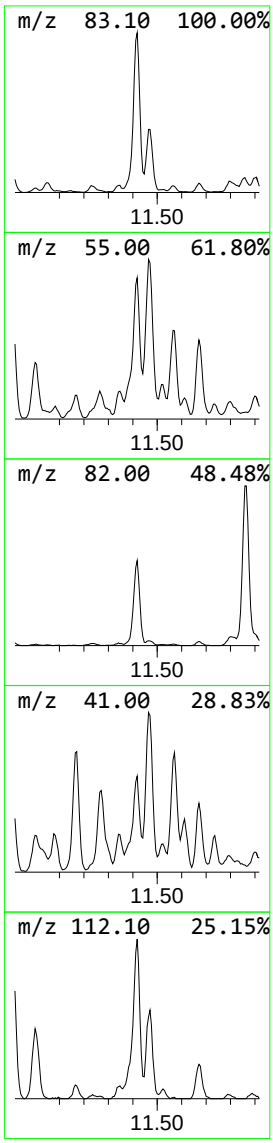
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.418	32.74 ug/l	637943	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	59
3	3-Ethyl-3-hexene	112	C8H16	016789-51-8	58
4	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	53
5	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	53





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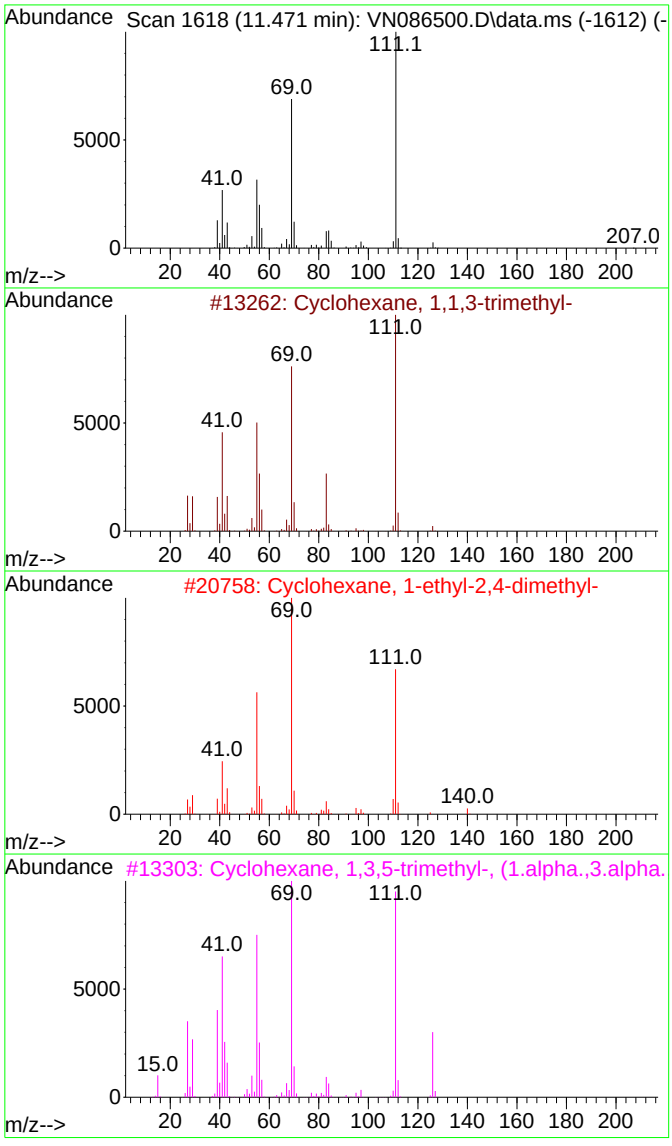
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

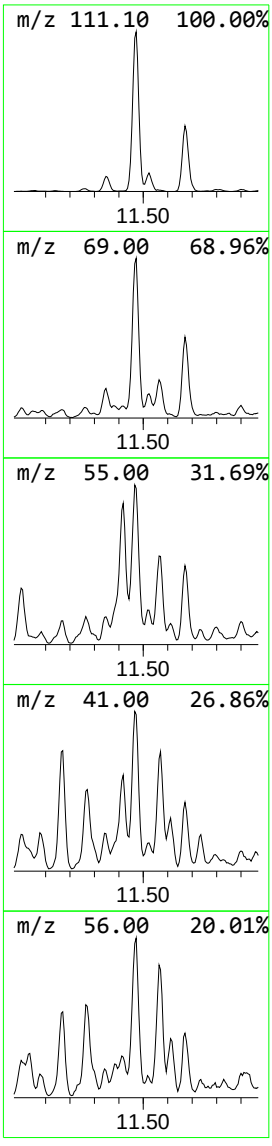
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.471	67.89 ug/l	1323090	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	50
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	45
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	38
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	37





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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

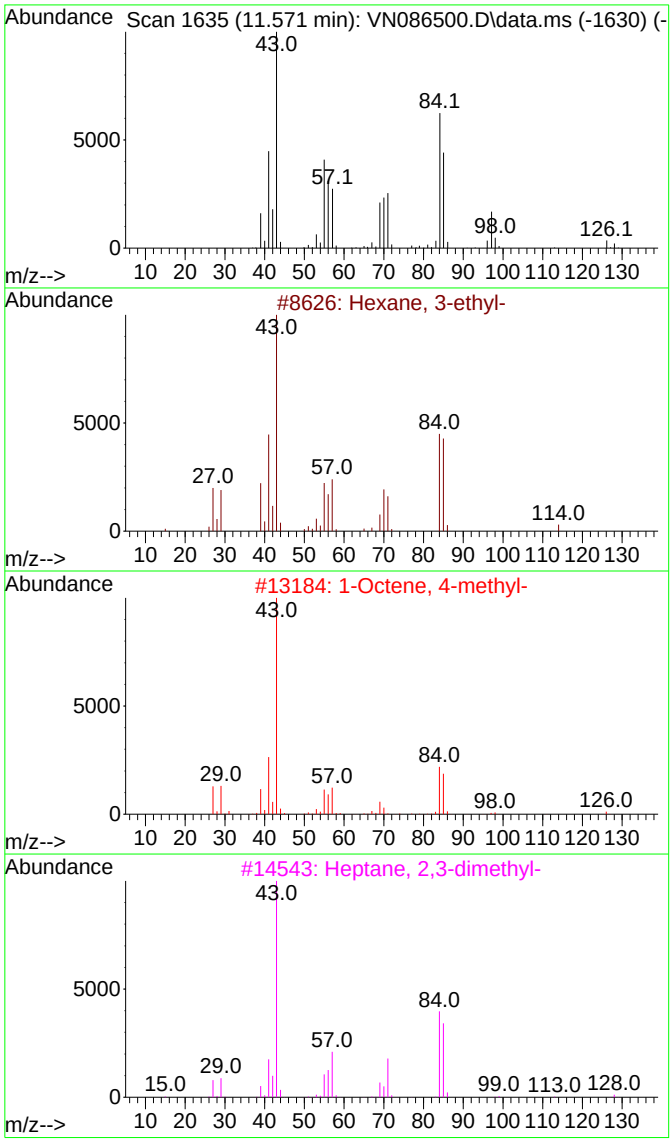
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

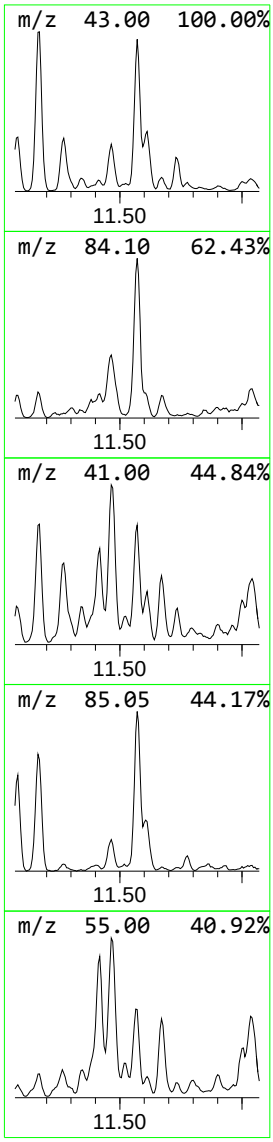
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexane, 3-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.571	37.74 ug/l	735435	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
2	1-Octene, 4-methyl-	126	C9H18	013151-12-7	52
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
5	Formic acid, 2-ethylbutyl ester	130	C7H14O2	1000367-92-2	43





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Operator : JC\MD
Sample : Q1939-06 20X
Misc : 7.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

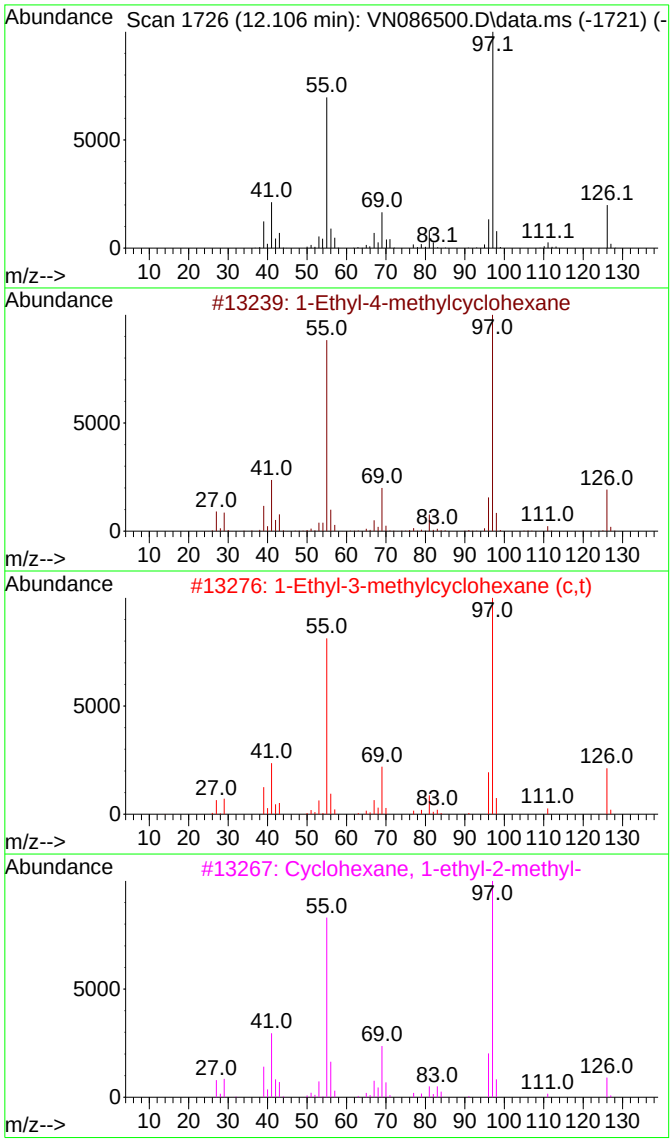
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

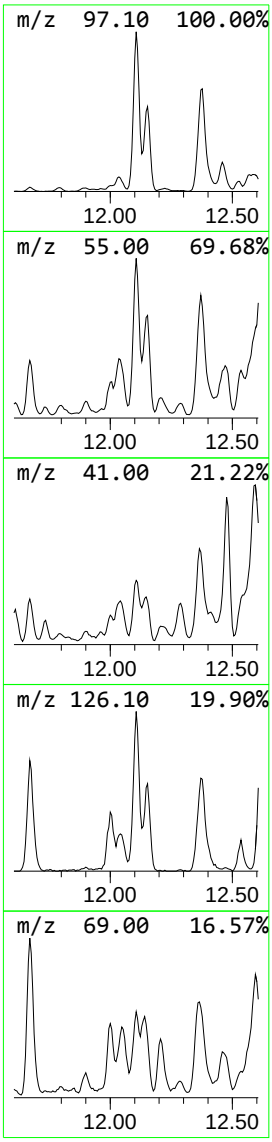
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Ethyl-4-methylcyclohexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.106	48.32 ug/l	941675	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	95
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	94
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	91
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	90





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Acq On : 05 May 2025 20:50
Operator : JC\MD
Sample : Q1939-06 20X
Misc : 7.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

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

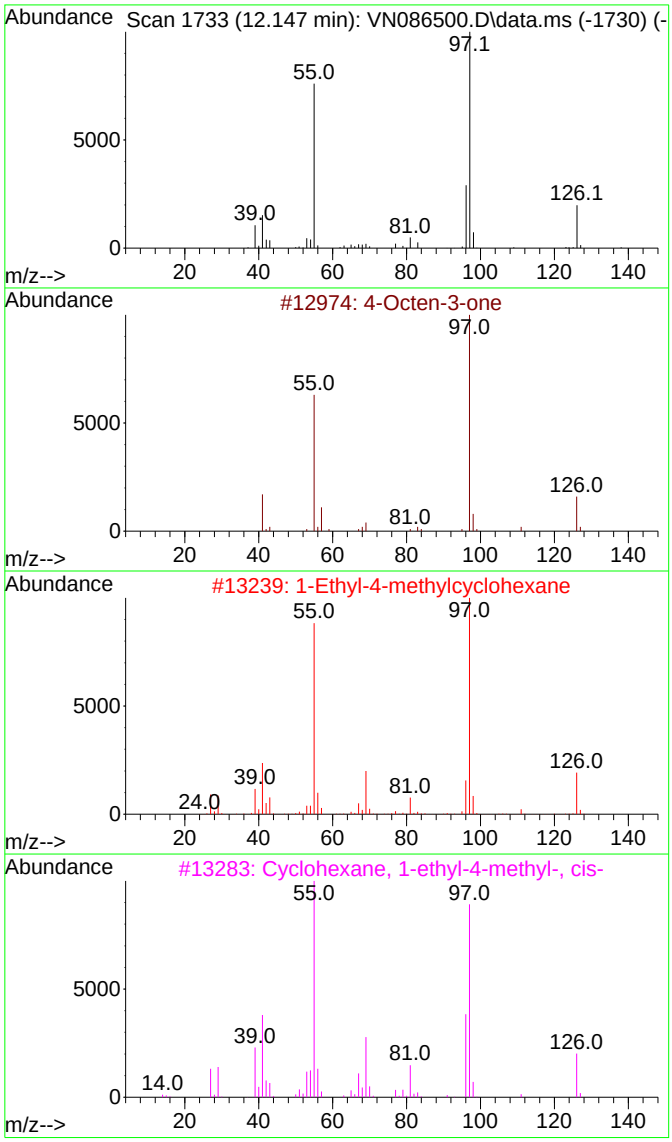
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

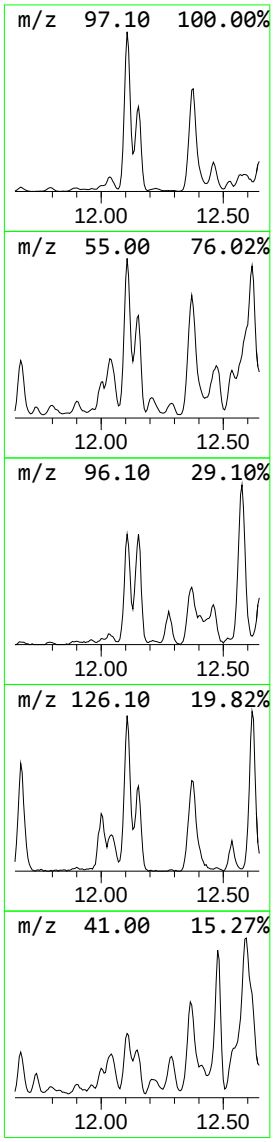
****

Peak Number 7 4-Octen-3-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.147	31.81 ug/l	619984	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octen-3-one	126	C8H14O	014129-48-7	64
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	56
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	56
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	50





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Sample : Q1939-06 20X
Misc : 7.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

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

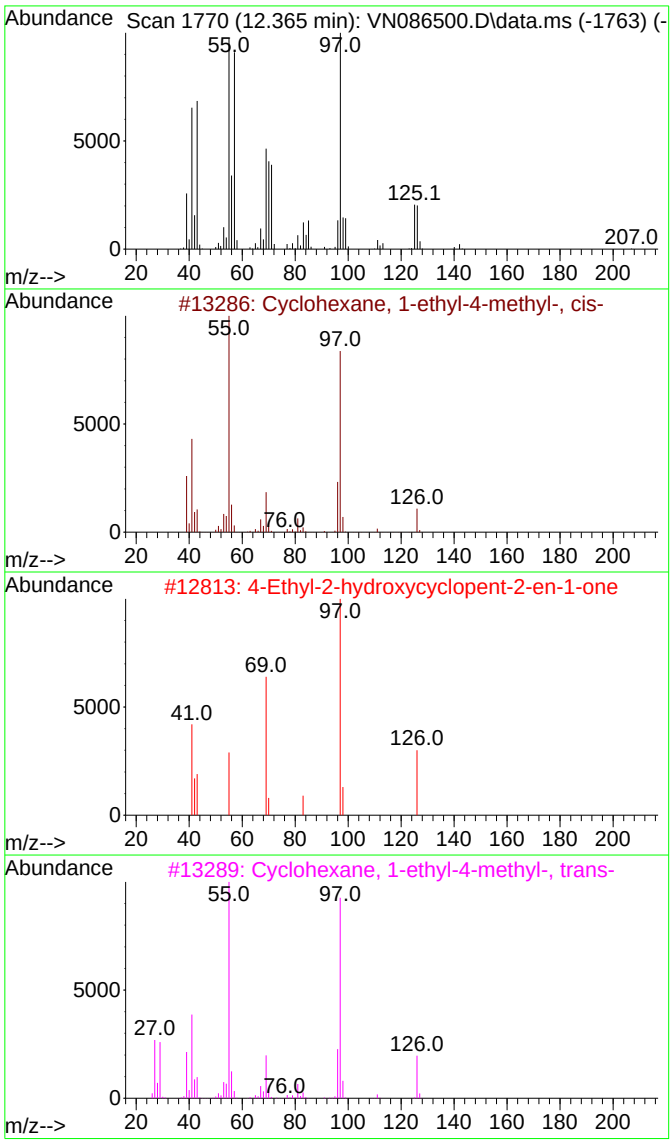
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

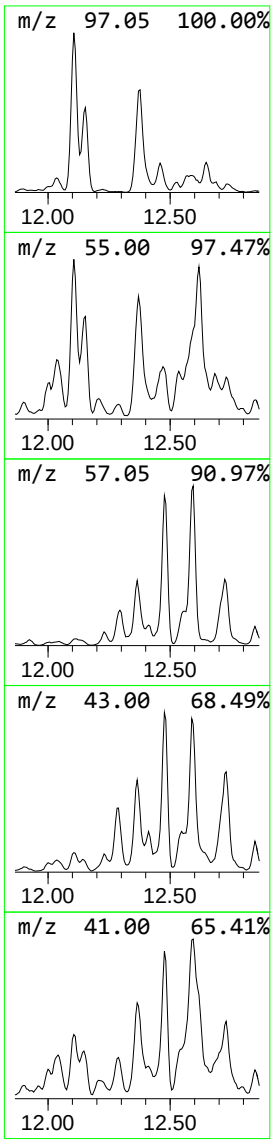
****

Peak Number 8 unknown12.365 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	80.82 ug/l	1574920	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	41
2	4-Ethyl-2-hydroxycyclopent-2-en-...	126	C7H10O2	028017-62-1	38
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	38
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	38
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	38





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Sample : Q1939-06 20X
Misc : 7.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

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

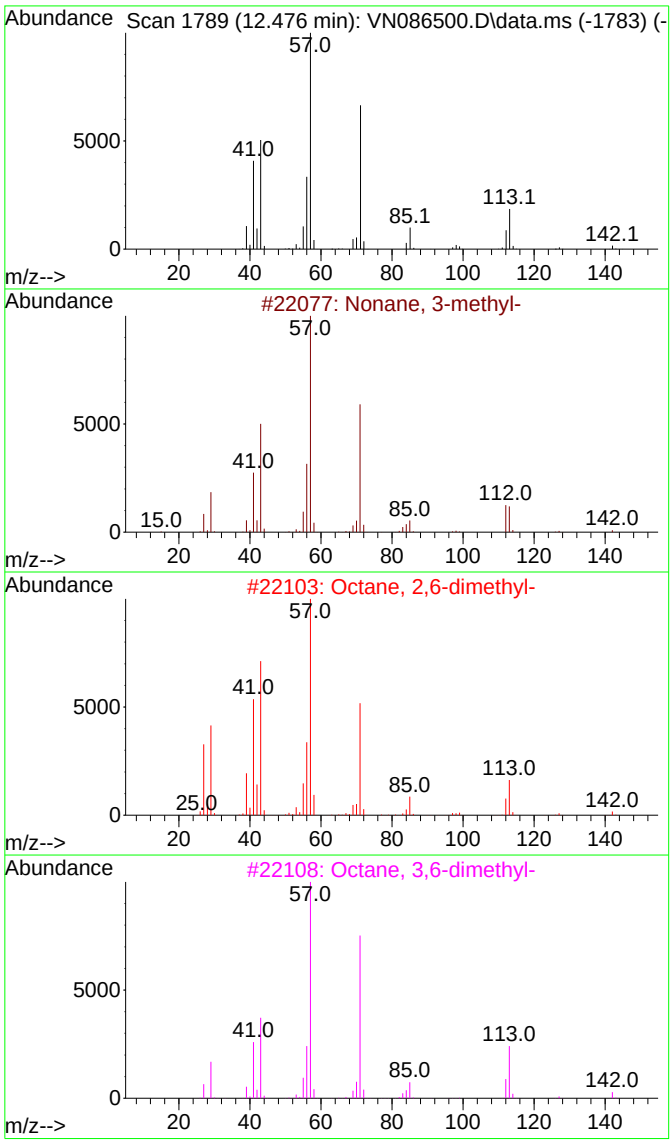
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

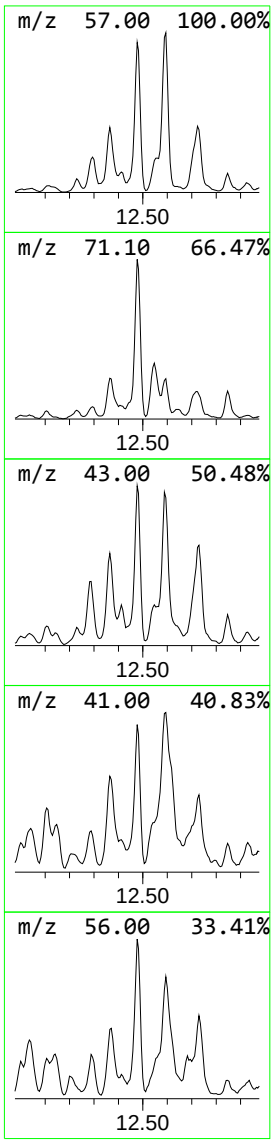
****

Peak Number 9 Nonane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.477	74.56 ug/l	1452950	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
5	Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	43





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Sample : Q1939-06 20X
Misc : 7.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

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

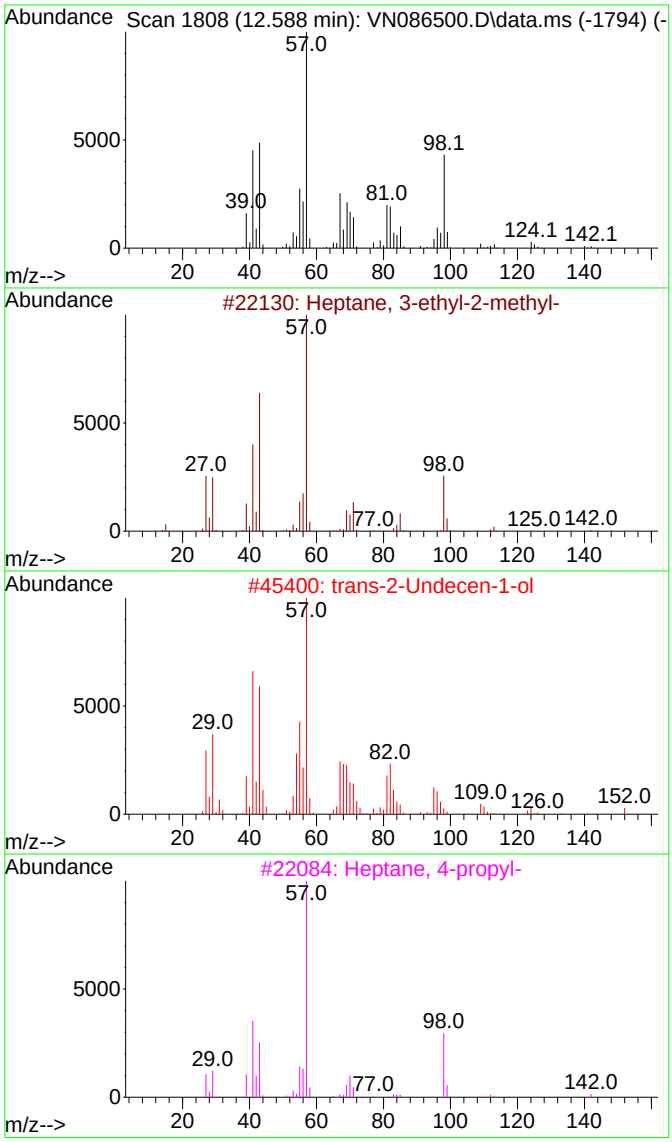
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

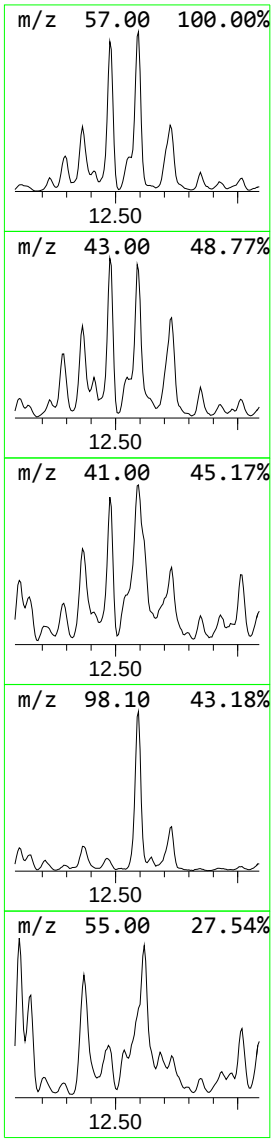
****

Peak Number 10 unknown12.588 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.588	220.18 ug/l	4290820	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	49
2	trans-2-Undecen-1-ol	170	C11H22O	075039-84-8	38
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	38
4	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	38
5	2-Nonen-1-ol	142	C9H18O	022104-79-6	38





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Acq On : 05 May 2025 20:50
Operator : JC\MD
Sample : Q1939-06 20X
Misc : 7.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

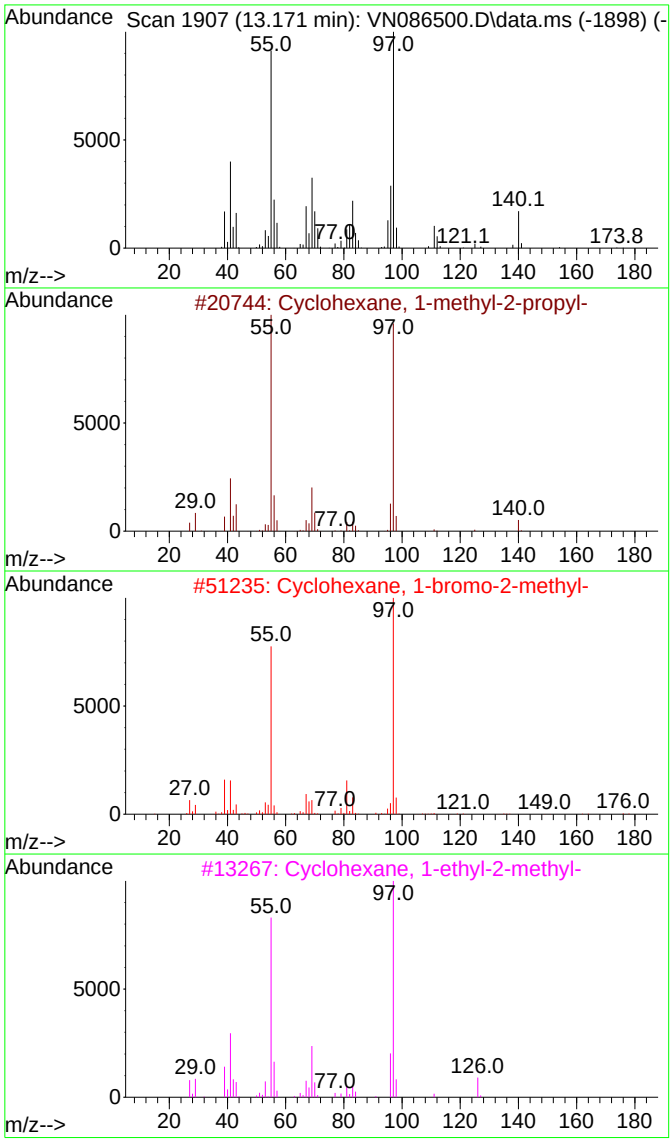
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

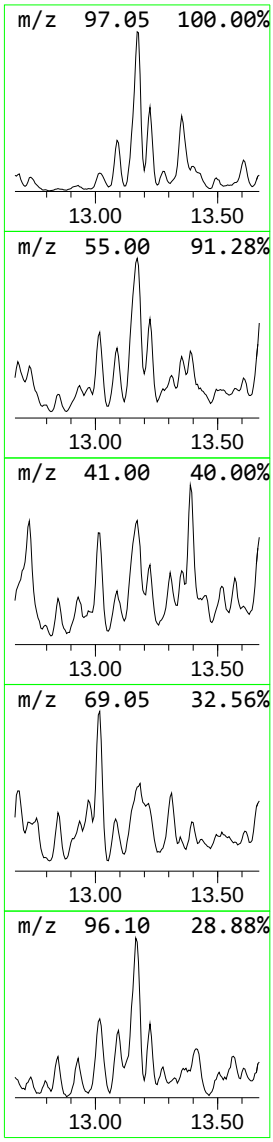
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, 1-methyl-2-pro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.171	56.94 ug/l	1320880	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	53
2	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	53
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	53
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	50
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49





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Data File : VN086500.D
Acq On : 05 May 2025 20:50
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Sample : Q1939-06 20X
Misc : 7.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

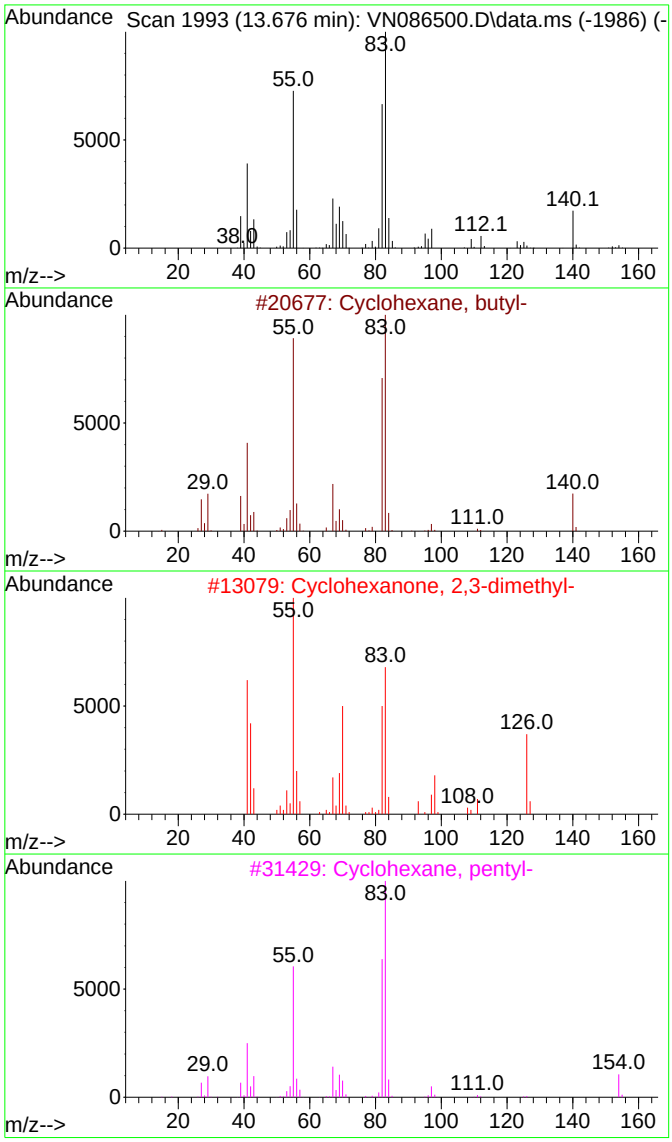
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

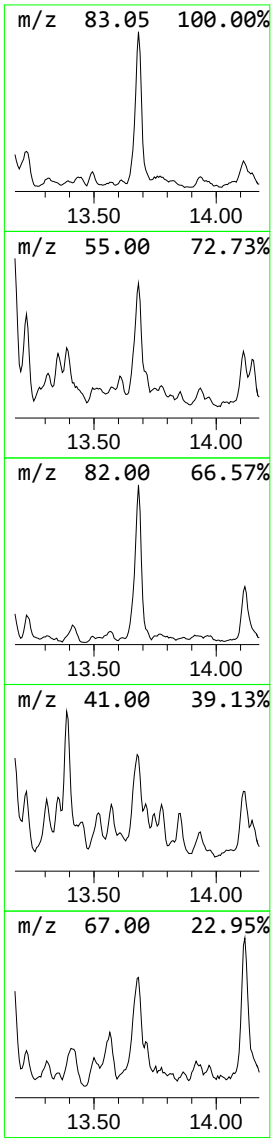
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexane, butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	36.59 ug/l	848835	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	74
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72





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Sample : Q1939-06 20X
Misc : 7.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

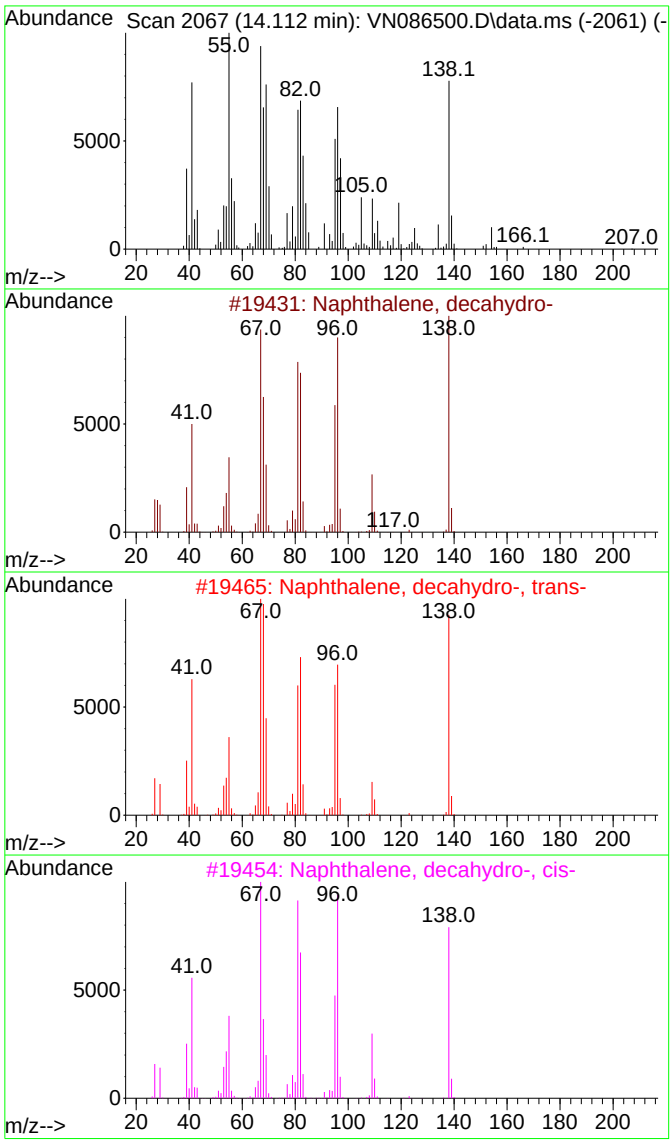
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

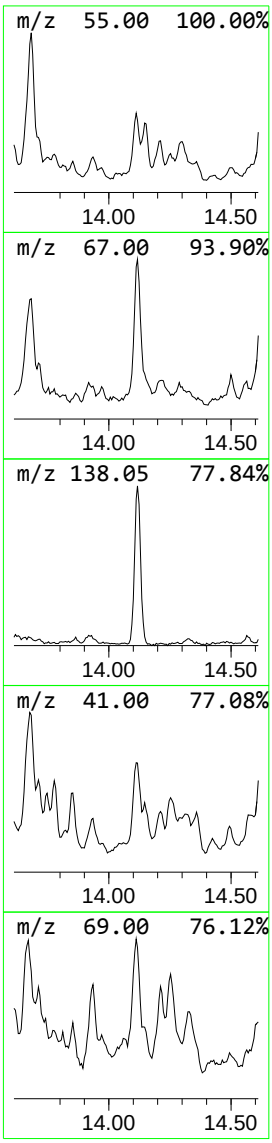
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, decahydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.112	33.11 ug/l	768187	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	87
4	Spiro[4.5]decane	138	C10H18	000176-63-6	87
5	(Z)-Dec-4-enyl isobutyl carbonate	256	C15H28O3	1000372-79-2	52





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Sample : Q1939-06 20X
Misc : 7.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

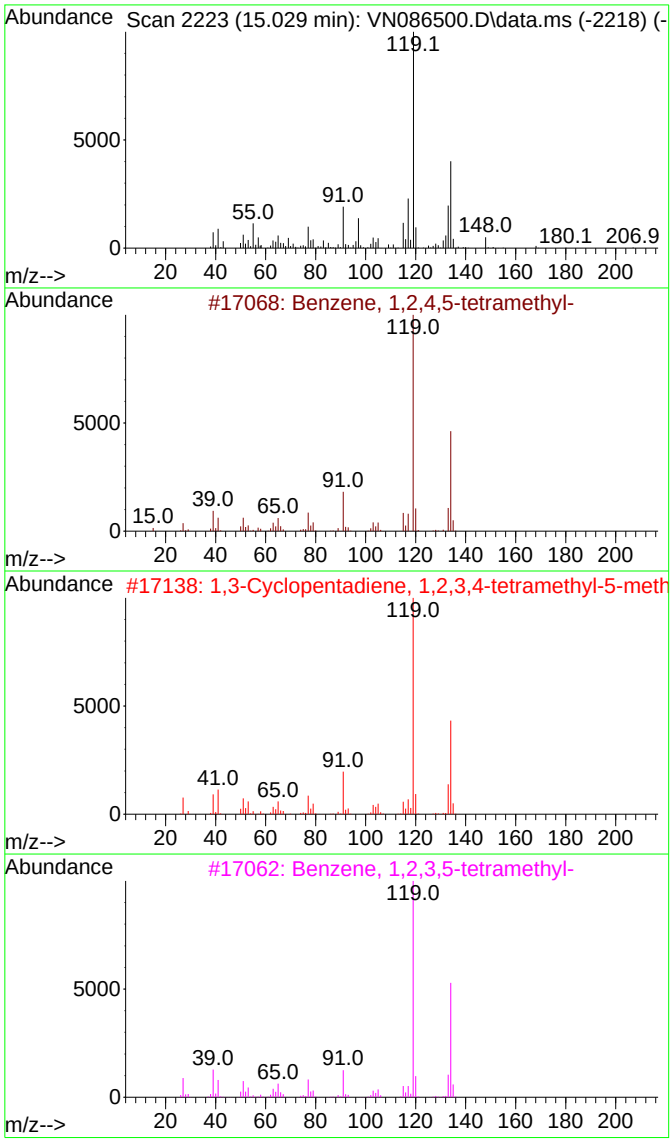
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

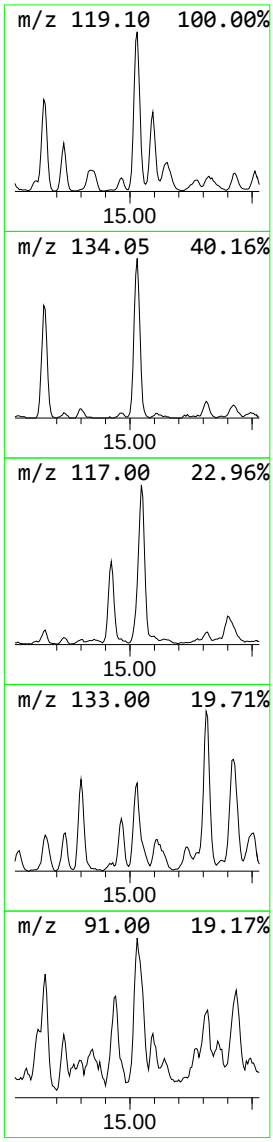
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.029	35.35 ug/l	820126	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
4	o-Cymene	134	C10H14	000527-84-4	70
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70





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Sample : Q1939-06 20X
Misc : 7.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

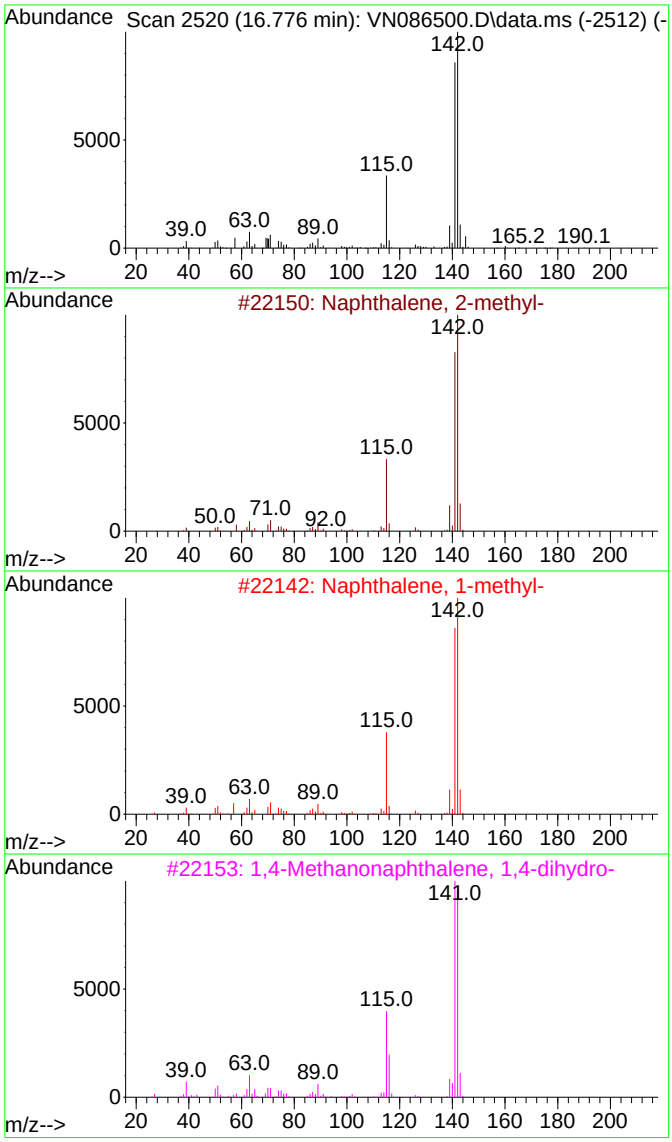
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260

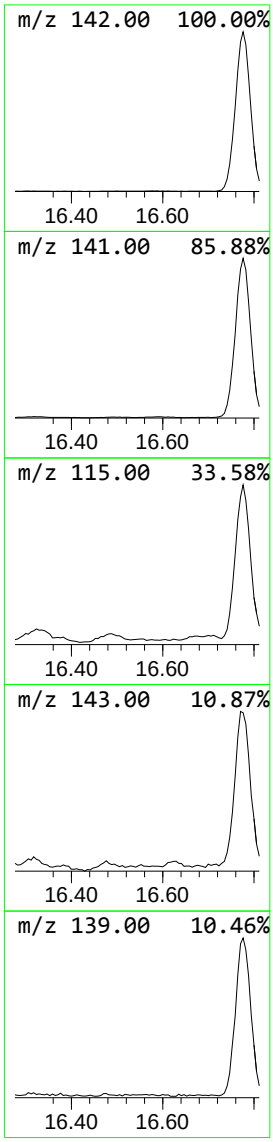
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,4-Methanonaphthalene, 1,4... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.776	54.80 ug/l	1271280	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Tentatively Identified Compound (LSC) summary

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Data File : VN086500.D
Acq On : 05 May 2025 20:50
Operator : JC\MD
Sample : Q1939-06 20X
Misc : 7.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GB3B

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
Heptane, 2,6-di...	11.171	41.0	ug/l	798037	3	11.865	974370	50.0
Heptane, 2,5-di...	11.271	35.9	ug/l	698649	3	11.865	974370	50.0
Cyclohexane, et...	11.418	32.7	ug/l	637943	3	11.865	974370	50.0
Cyclohexane, 1,...	11.471	67.9	ug/l	1323090	3	11.865	974370	50.0
Hexane, 3-ethyl-	11.571	37.7	ug/l	735435	3	11.865	974370	50.0
1-Ethyl-4-methy...	12.106	48.3	ug/l	941675	3	11.865	974370	50.0
4-Octen-3-one	12.147	31.8	ug/l	619984	3	11.865	974370	50.0
unknown12.365	12.365	80.8	ug/l	1574920	3	11.865	974370	50.0
Nonane, 3-methyl-	12.477	74.6	ug/l	1452950	3	11.865	974370	50.0
unknown12.588	12.588	220.2	ug/l	4290820	3	11.865	974370	50.0
Cyclohexane, 1-...	13.171	56.9	ug/l	1320880	4	13.788	1159910	50.0
Cyclohexane, bu...	13.676	36.6	ug/l	848835	4	13.788	1159910	50.0
Naphthalene, de...	14.112	33.1	ug/l	768187	4	13.788	1159910	50.0
Benzene, 1,2,4,...	15.029	35.4	ug/l	820126	4	13.788	1159910	50.0
1,4-Methanonaph...	16.776	54.8	ug/l	1271280	4	13.788	1159910	50.0