LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
Data File : VY008384.D
Acq On : 18 Apr 2022 19:26
Operator : KP/MD
Sample : N2452-11
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5-GR

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_Y\methods\82Y040822S.M
Title : SW846 8260

Signal : TIC: VY008384.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.906	169	178	200	rBV	397967	890276	2.60%	0.200%
2	4.771	458	484	525	rVB	1263029	5159731	15.06%	1.162%
3	5.240	545	561	588	rBV	1056032	3793277	11.07%	0.854%
4	5.753	631	645	662	rBV	244272	775119	2.26%	0.175%
5	6.691	787	799	806	rVV	320970	1036549	3.02%	0.233%
6	6.795	806	816	836	rVV	1980771	6200191	18.09%	1.396%
7	7.783	954	978	986	rBV2	2886625	7922575	23.12%	1.784%
8	7.874	986	993	1004	rVB	1367267	3400669	9.92%	0.766%
9	8.002	1004	1014	1020	rBV	4039608	9224626	26.92%	2.077%
10	8.057	1021	1023	1032	rVB	703209	1280335	3.74%	0.288%
11	8.277	1048	1059	1066	rBV2	2769517	6682286	19.50%	1.504%
12	8.350	1066	1071	1076	rVV	2073472	4447412	12.98%	1.001%
13	8.417	1076	1082	1094	rVB	4131736	9119625	26.61%	2.053%
14	8.691	1118	1127	1133	rBV	398036	944389	2.76%	0.213%
15	9.185	1193	1208	1215	rBV	15371790	34266723	100.00%	7.715%
16	9.246	1215	1218	1226	rVB	996775	1716327	5.01%	0.386%
17	9.368	1226	1238	1244	rBV	1291942	2544447	7.43%	0.573%
18	9.465	1244	1254	1262	rVB	2511389	5179453	15.12%	1.166%
19	9.606	1270	1277	1289	rVB	3027700	5800004	16.93%	1.306%
20	9.758	1297	1302	1306	rBV	845319	1520718	4.44%	0.342%
21	9.807	1306	1310	1314	rVV3	592649	1067909	3.12%	0.240%
22	9.856	1314	1318	1324	rVB	642606	1147525	3.35%	0.258%
23	9.941	1324	1332	1337	rBV2	1072059	2465579	7.20%	0.555%
24	9.990	1337	1340	1346	rVB	761434	1287003	3.76%	0.290%
25	10.069	1346	1353	1356	rBV2	702908	1467680	4.28%	0.330%
26	10.179	1364	1371	1375	rBV	7673435	13301410	38.82%	2.995%
27	10.215	1375	1377	1386	rVB2	2330814	3769245	11.00%	0.849%
28	10.307	1386	1392	1395	rBV	918539	1614868	4.71%	0.364%
29	10.368	1395	1402	1409	rVB4	2235611	6220354	18.15%	1.400%
30	10.483	1409	1421	1423	rBV2	1045969	2068348	6.04%	0.466%
31	10.520	1423	1427	1435	rVB	3448143	6014695	17.55%	1.354%
32	10.618	1435	1443	1449	rBV3	1927642	4319688	12.61%	0.973%
33	10.715	1454	1459	1463	rVB	973652	1546661	4.51%	0.348%
34	10.807	1468	1474	1479	rVB	3372010	5055658	14.75%	1.138%
35	10.910	1479	1491	1497	rBV2	1677441	4525712	13.21%	1.019%
36	10.971	1497	1501	1504	rVV2	1393598	2200674	6.42%	0.495%

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37	11.038	1504	1512	1516	rVV	5091829	8950558	26.12%	2.015%
38	11.093	1516	1521	1527	rVV	7307198	11939592	34.84%	2.688%
39	11.148	1527	1530	1533	rVB2	730444	896628	2.62%	0.202%
40	11.203	1533	1539	1544	rBV3	2952345	5207588	15.20%	1.172%
41	11.252	1544	1547	1548	rVV	637979	725844	2.12%	0.163%
42	11.300	1548	1555	1563	rVB2	2881312	6967555	20.33%	1.569%
43	11.380	1563	1568	1572	rBV	1793249	3126876	9.13%	0.704%
44	11.495	1582	1587	1590	rBV4	432779	763171	2.23%	0.172%
45	11.532	1590	1593	1597	rVV	469832	816692	2.38%	0.184%
46	11.593	1597	1603	1606	rVV2	1146727	2202700	6.43%	0.496%
47	11.630	1606	1609	1612	rVV	1301910	1893995	5.53%	0.426%
48	11.697	1612	1620	1624	rVV3	3874340	10372093	30.27%	2.335%
49	11.739	1624	1627	1631	rVV	3979691	6580995	19.21%	1.482%
50	11.782	1631	1634	1639	rVB	2753032	4258620	12.43%	0.959%
51	11.843	1639	1644	1648	rBV2	746230	1414737	4.13%	0.319%
52	11.898	1648	1653	1656	rBV2	452396	815580	2.38%	0.184%
53	11.934	1656	1659	1664	rVB3	857215	1313805	3.83%	0.296%
54	12.032	1664	1675	1683	rBV2	9750522	23347590	68.13%	5.256%
55	12.093	1683	1685	1687	rVV	791295	1060299	3.09%	0.239%
56	12.130	1687	1691	1695	rVV	5604561	7649299	22.32%	1.722%
57	12.166	1695	1697	1698	rVV2	793659	812564	2.37%	0.183%
58	12.203	1699	1703	1706	rVV2	4387093	7792980	22.74%	1.754%
59	12.245	1706	1710	1720	rVV4	8813436	18138465	52.93%	4.084%
60	12.331	1720	1724	1728	rVV	2925871	5363430	15.65%	1.207%
61	12.379	1728	1732	1736	rVV4	2496308	5763032	16.82%	1.297%
62	12.416	1736	1738	1744	rVB	3282345	4373567	12.76%	0.985%
63	12.495	1744	1751	1754	rBV3	1608202	3064022	8.94%	0.690%
64	12.526	1754	1756	1759	rVV2	545552	582784	1.70%	0.131%
65	12.568	1759	1763	1767	rVV4	676836	1079822	3.15%	0.243%
66	12.648	1772	1776	1784	rVV2	3271640	7449816	21.74%	1.677%
67	12.733	1784	1790	1794	rVV3	1760577	3561862	10.39%	0.802%
68	12.812	1795	1803	1808	rVV3	5622180	13512707	39.43%	3.042%
69	12.867	1808	1812	1817	rVB	2013941	3257023	9.50%	0.733%
70	12.977	1822	1830	1833	rBV2	2300273	5733859	16.73%	1.291%
71	13.044	1837	1841	1848	rVB	5726767	8225245	24.00%	1.852%
72	13.123	1848	1854	1859	rBV	13658705	18974574	55.37%	4.272%
73	13.172	1859	1862	1867	rVB3	831663	1170224	3.42%	0.263%
74	13.227	1867	1871	1873	rBV3	1119542	1626613	4.75%	0.366%
75	13.324	1879	1887	1891	rBV3	4503488	9010144	26.29%	2.028%
76	13.367	1891	1894	1897	rVV3	2363326	3347804	9.77%	0.754%

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Title : SW846 8260

77	13.398	1897	1899	1904	rVV3	756129	1004859	2.93%	0.226%
78	13.459	1904	1909	1918	rVB	5380483	7953208	23.21%	1.791%
79	13.574	1923	1928	1930	rBV3	734564	1245895	3.64%	0.280%
80	13.629	1933	1937	1941	rVB	1895969	2992711	8.73%	0.674%
81	13.696	1941	1948	1952	rBV3	566733	1385013	4.04%	0.312%
82	13.751	1952	1957	1962	rBV2	2619728	4761607	13.90%	1.072%
83	13.800	1962	1965	1967	rBV2	707229	863484	2.52%	0.194%
84	13.916	1981	1984	1990	rVB4	1409098	2065286	6.03%	0.465%
85	13.971	1990	1993	1998	rVB	1590340	2231132	6.51%	0.502%
86	14.019	1998	2001	2006	rVB3	902959	1368061	3.99%	0.308%
87	14.080	2006	2011	2016	rVB2	1976244	3134710	9.15%	0.706%
88	14.147	2016	2022	2028	rBV5	748916	1801596	5.26%	0.406%
89	14.263	2028	2041	2050	rBV8	1996017	6759021	19.72%	1.522%
90	14.336	2050	2053	2057	rVB	953790	1328375	3.88%	0.299%
91	14.385	2057	2061	2064	rBV4	567331	726047	2.12%	0.163%
92	14.422	2064	2067	2072	rBV3	781833	1144310	3.34%	0.258%
93	14.617	2096	2099	2103	rVB2	547500	641565	1.87%	0.144%
94	14.678	2104	2109	2114	rVV3	1474021	3092706	9.03%	0.696%
95	14.733	2114	2118	2125	rVB2	1520416	2492852	7.27%	0.561%
96	14.946	2149	2153	2157	rVB3	493613	646836	1.89%	0.146%
97	15.056	2166	2171	2176	rVB3	441089	795512	2.32%	0.179%
98	15.214	2191	2197	2205	rBV4	656862	1338397	3.91%	0.301%
99	15.550	2242	2252	2256	rVV8	207409	722840	2.11%	0.163%
100	16.488	2400	2406	2419	rVB5	171692	561789	1.64%	0.126%

Sum of corrected areas: 444180307

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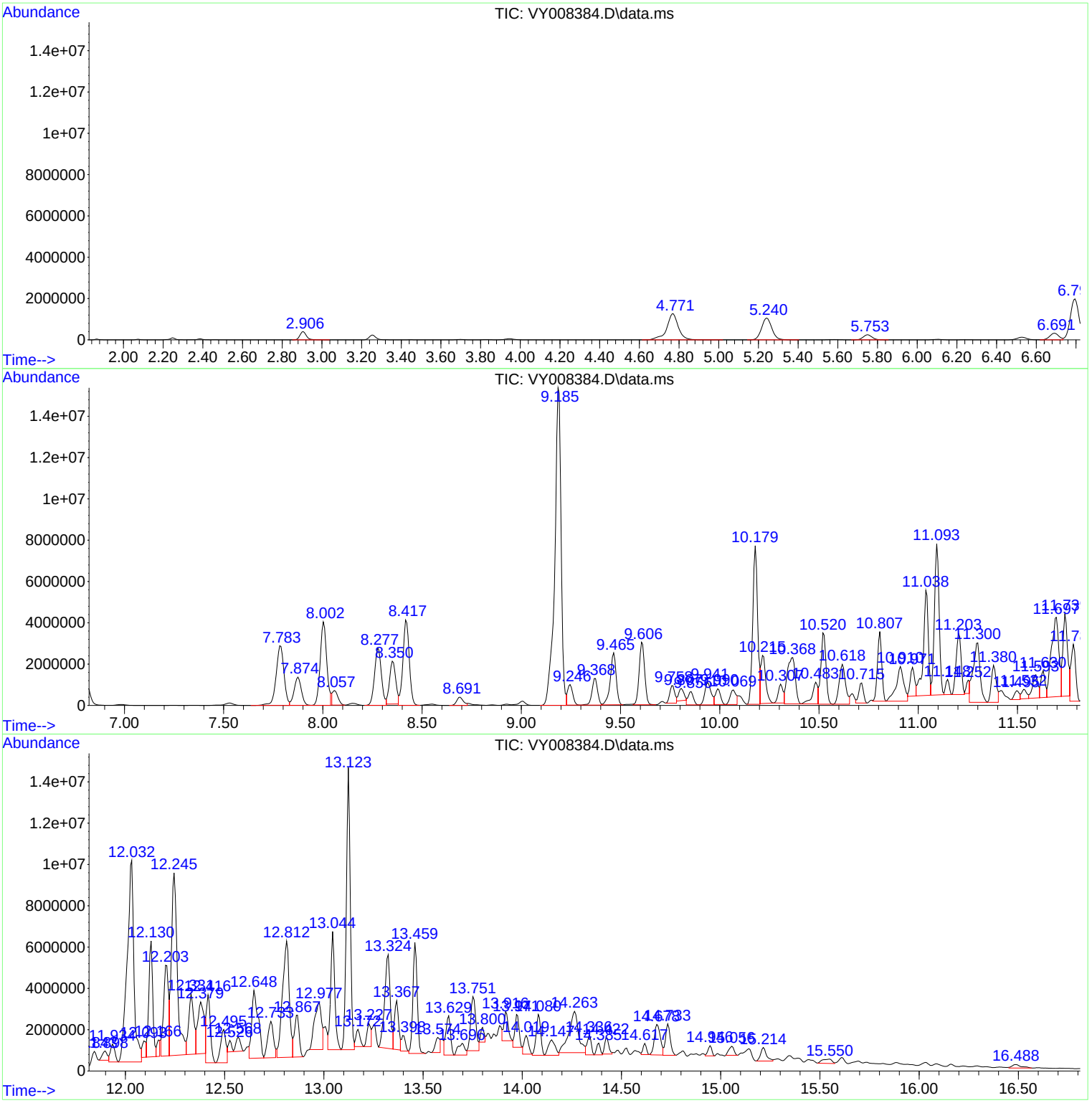
WC-15-1-5-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

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



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Instrument :
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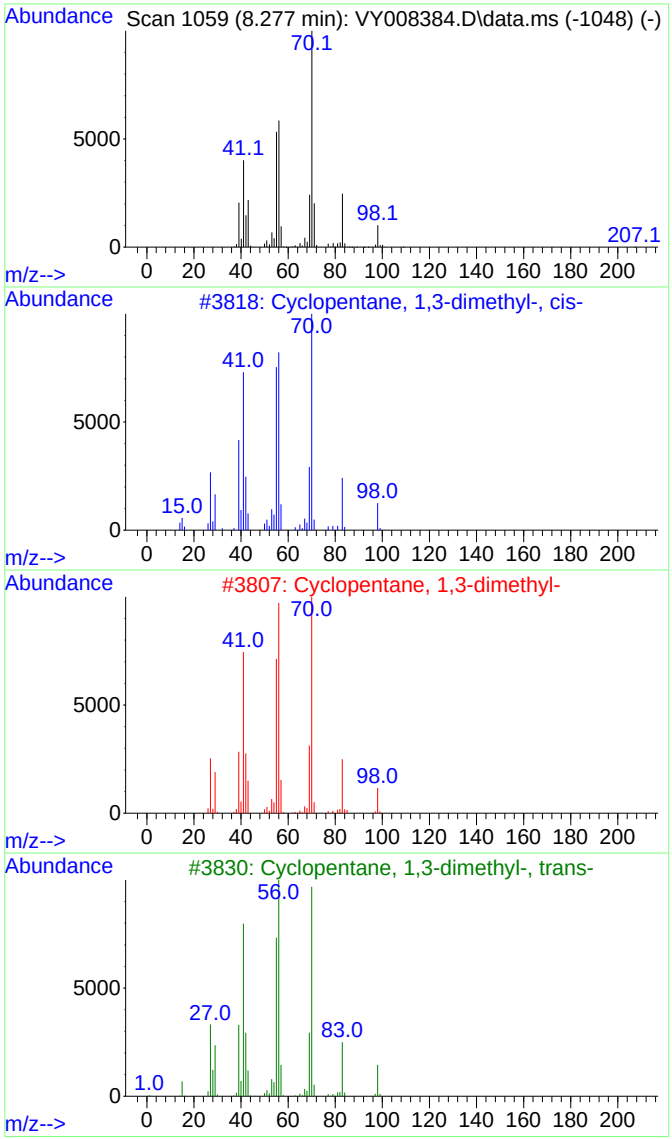
Quant Title : SW846 8260

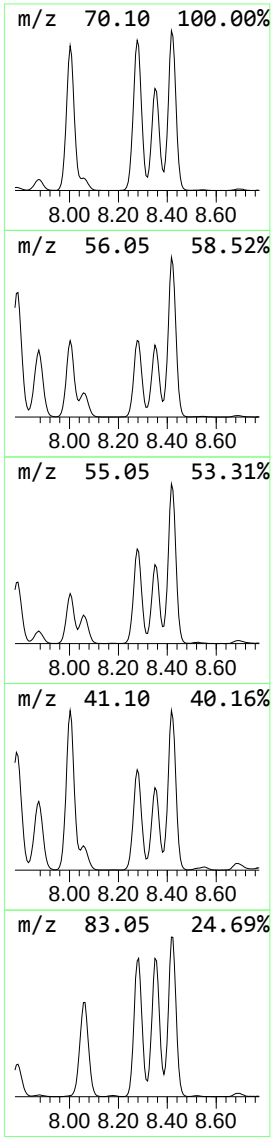
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.277	353.79 ug/l	6682290	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	52
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	49
5	Isopropylcyclobutane	98	C7H14	000872-56-0	38





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ClientSampleId :
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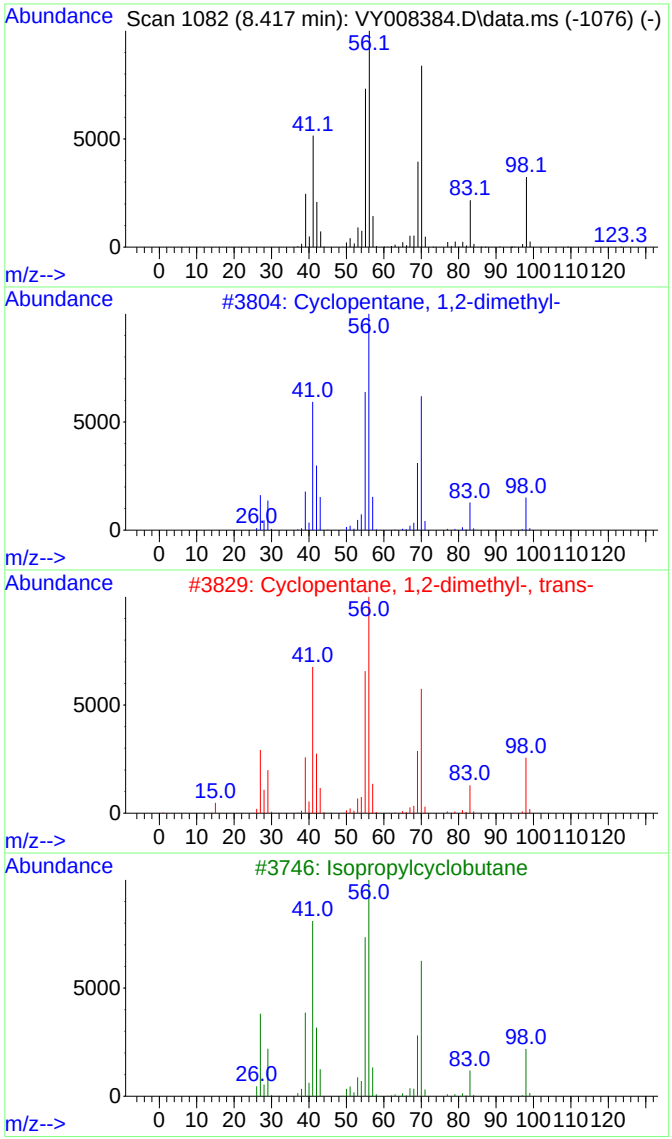
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

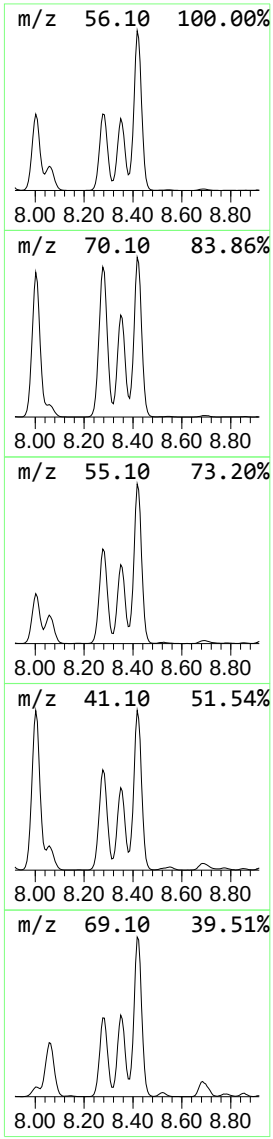
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, 1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.417	482.83 ug/l	9119630	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	95
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
3	Isopropylcyclobutane	98	C7H14	000872-56-0	94
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	86
5	(Z)-2-Heptene	98	C7H14	006443-92-1	64





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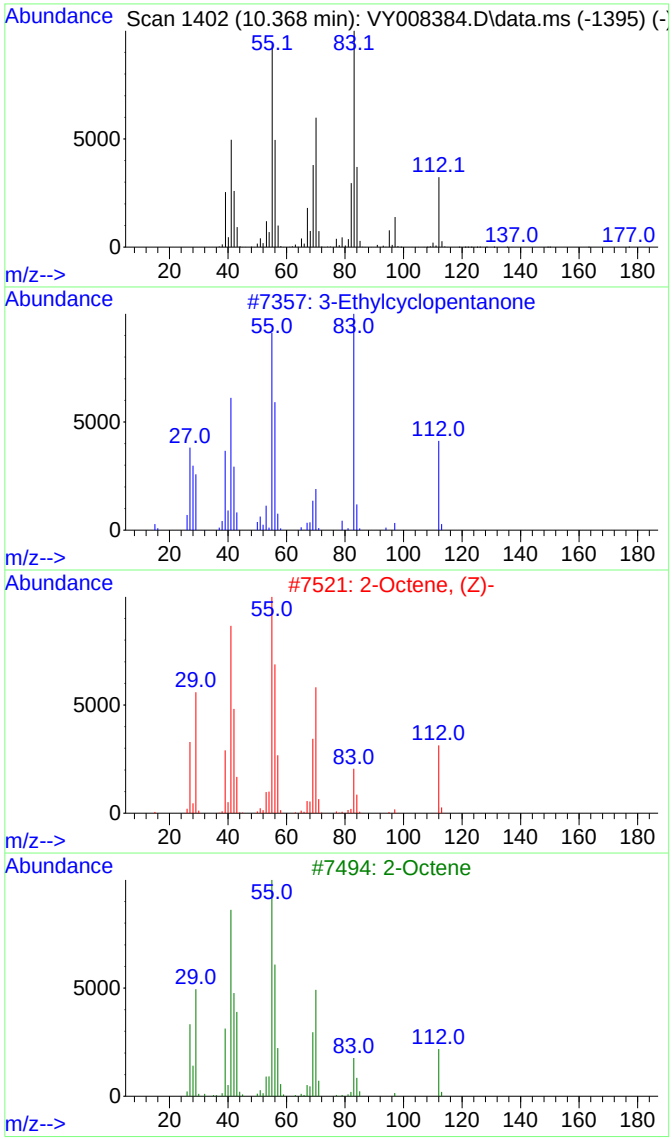
Quant Title : SW846 8260

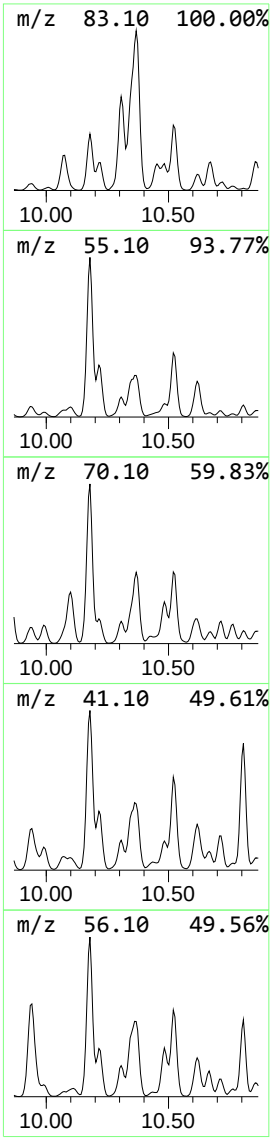
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Ethylcyclopentanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.368	407.53 ug/l	6220350	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	62
2	2-Octene, (Z)-	112	C8H16	007642-04-8	60
3	2-Octene	112	C8H16	000111-67-1	53
4	Cycloheptanone	112	C7H12O	000502-42-1	49
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	49





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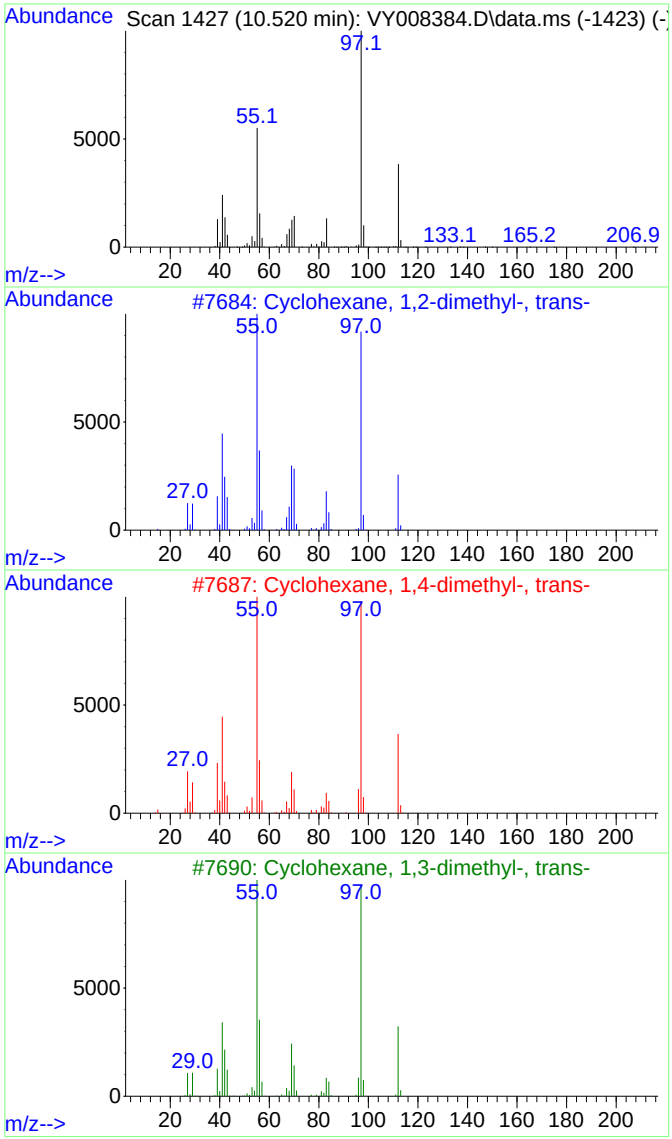
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

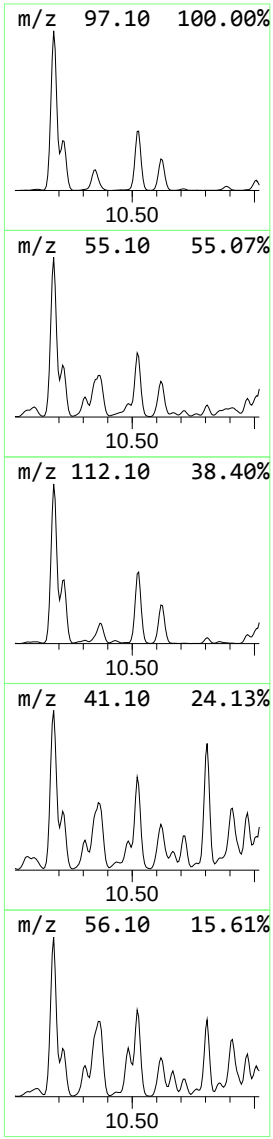
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.520	394.06 ug/l	6014700	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87





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ClientSampleId :
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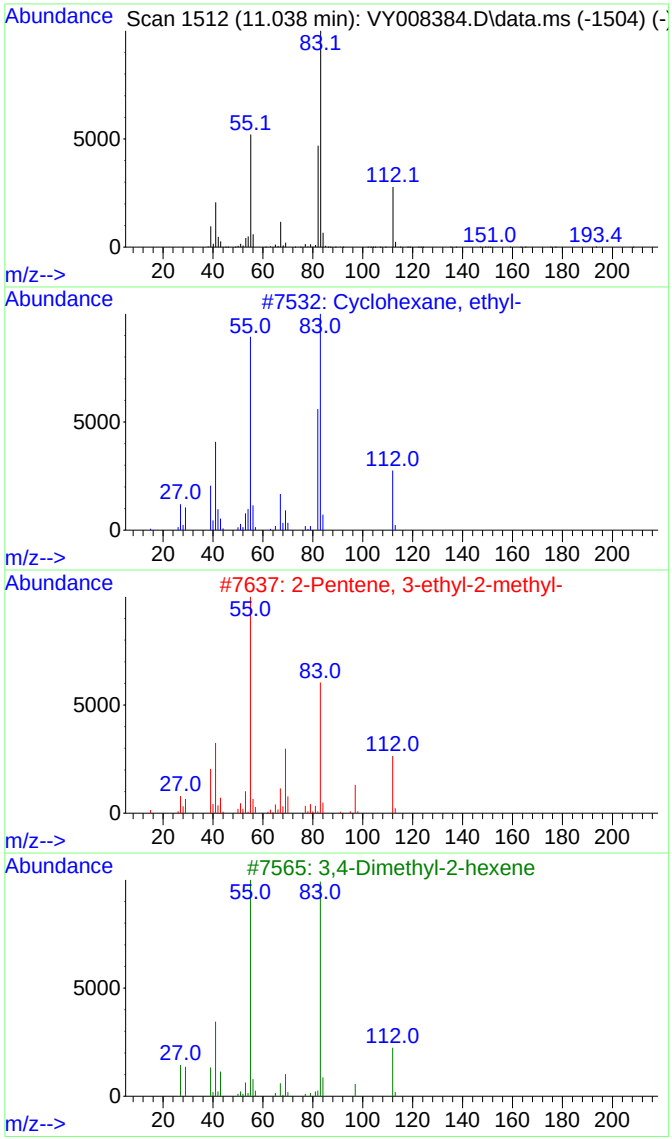
Quant Title : SW846 8260

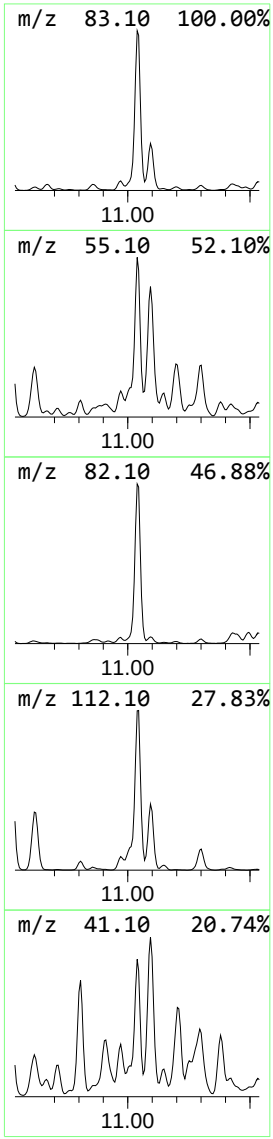
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.038	586.41 ug/l	8950560	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	64
3	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	53
4	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	53
5	3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
Data File : VY008384.D
Acq On : 18 Apr 2022 19:26
Operator : KP/MD
Sample : N2452-11
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5-GR

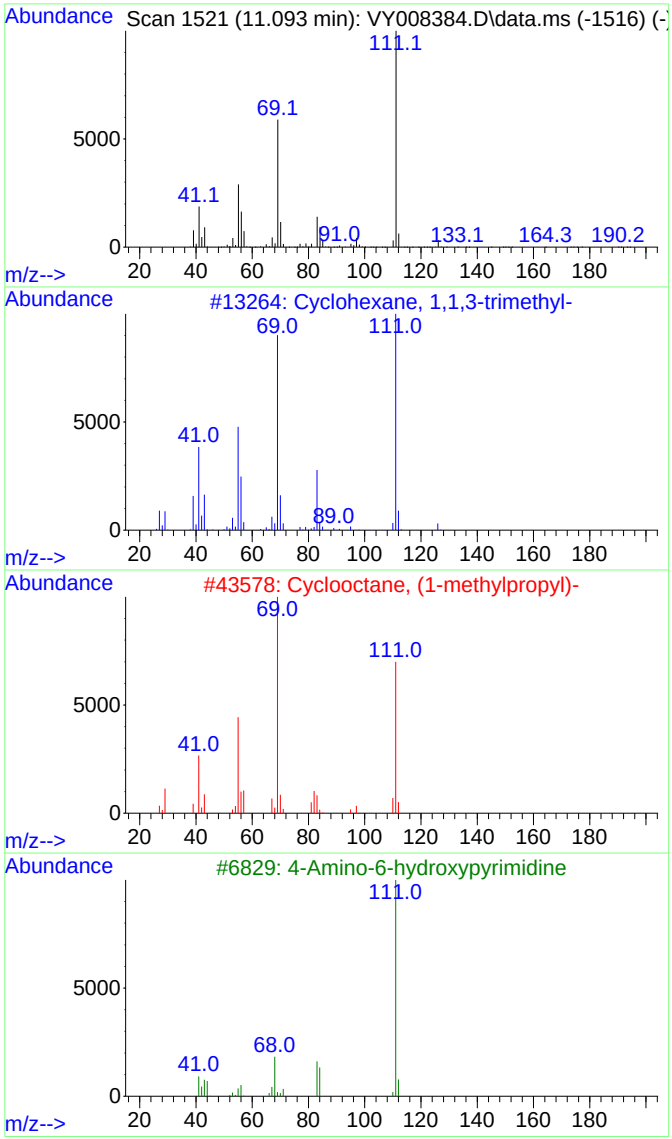
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

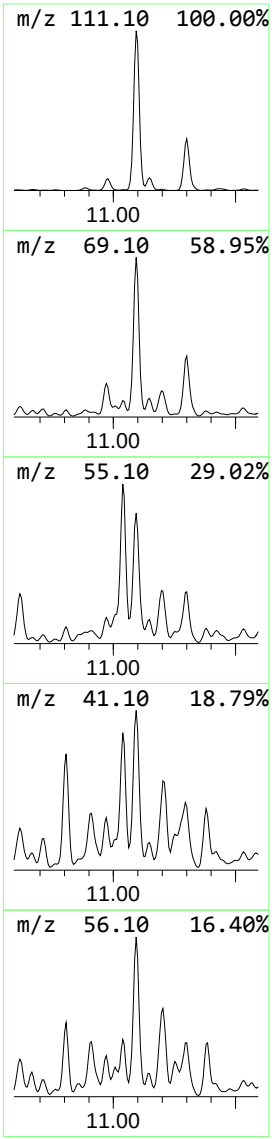
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.093	782.24 ug/l	11939600	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	59
3	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	59
4	Benzenamine, 2-fluoro-	111	C6H6FN	000348-54-9	53
5	Isomaltol	126	C6H6O3	003420-59-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
Data File : VY008384.D
Acq On : 18 Apr 2022 19:26
Operator : KP/MD
Sample : N2452-11
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5-GR

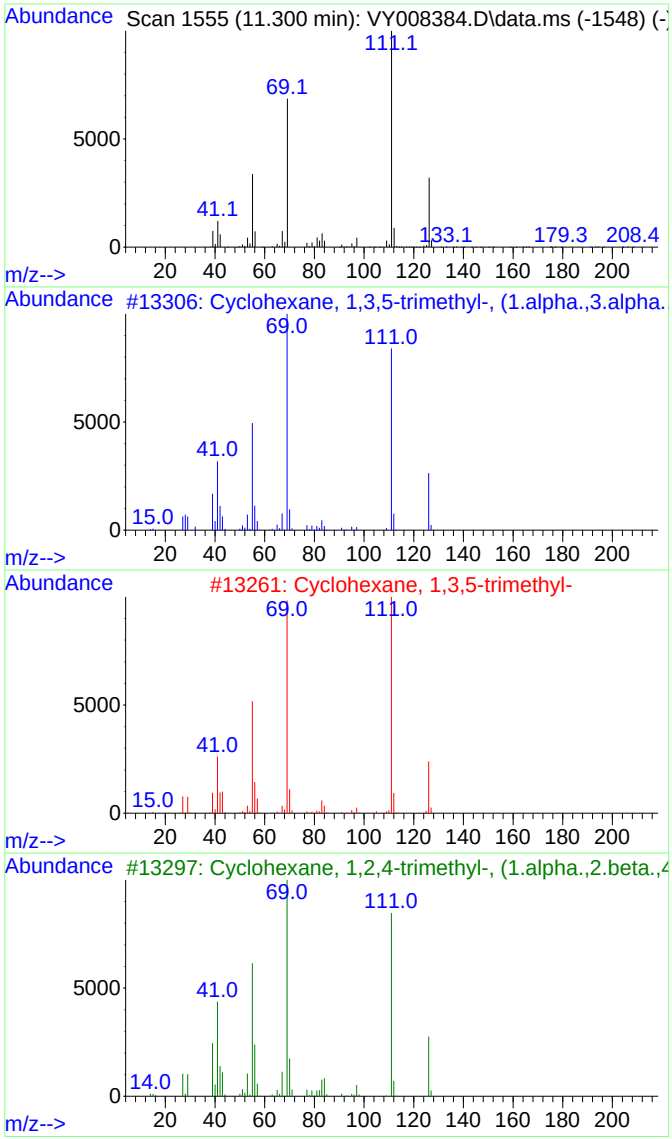
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

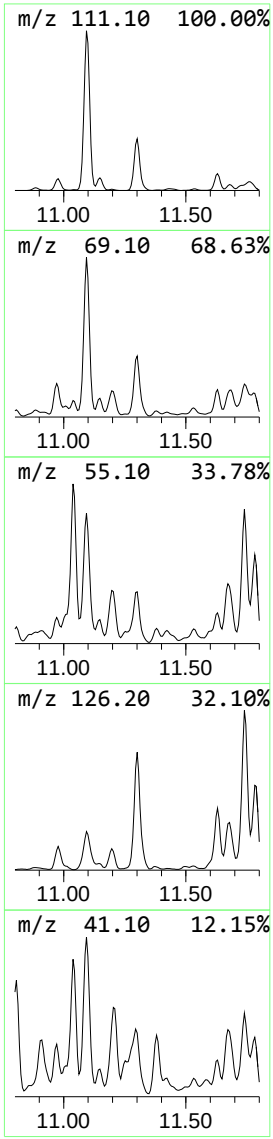
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1,3,5-trimethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.300	456.49 ug/l	6967560	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
4	2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	80
5	2-Pyrazoline, 1-isopropyl-3-methyl-	126	C7H14N2	022581-48-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
Data File : VY008384.D
Acq On : 18 Apr 2022 19:26
Operator : KP/MD
Sample : N2452-11
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5-GR

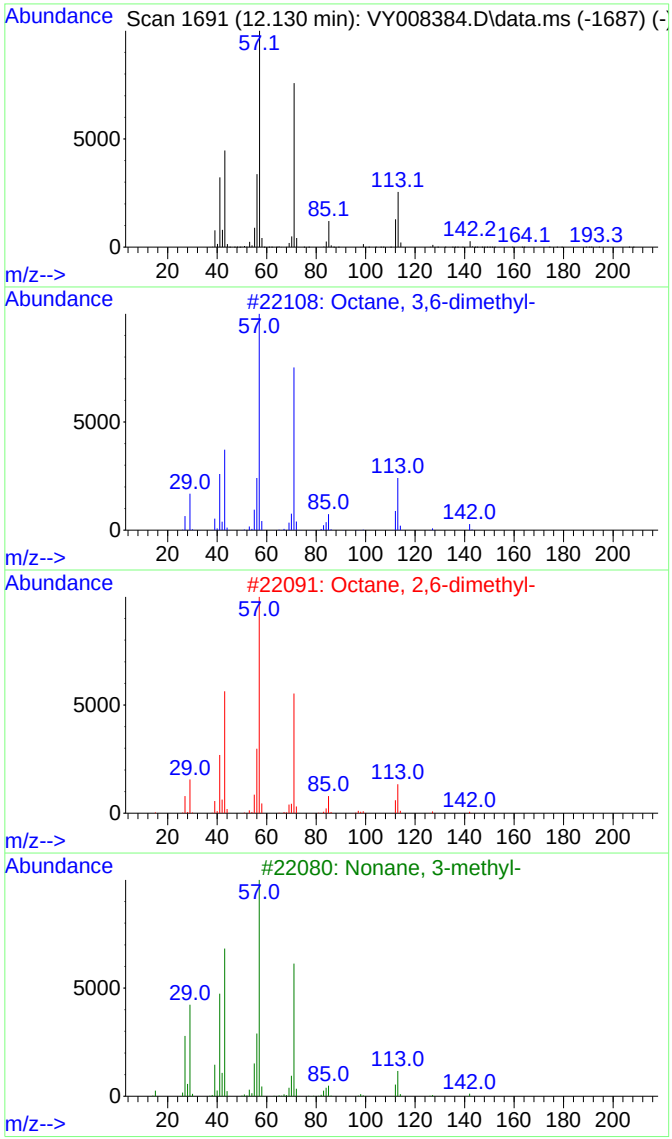
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

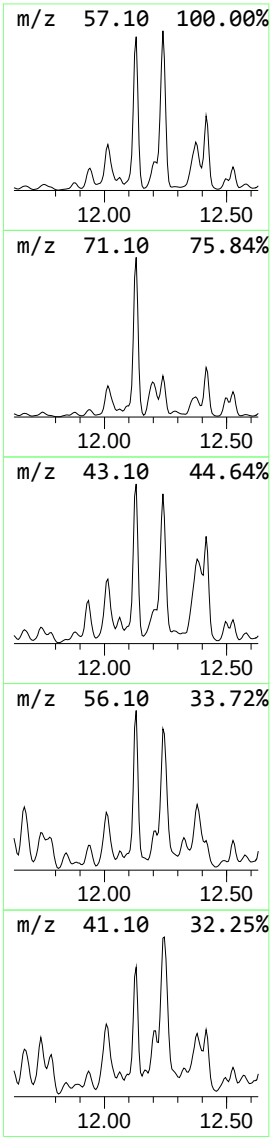
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Octane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.130	501.15 ug/l	7649300	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4	Octyl thioglycolate	204	C10H20O2S	007664-80-4	78
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
Data File : VY008384.D
Acq On : 18 Apr 2022 19:26
Operator : KP/MD
Sample : N2452-11
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5-GR

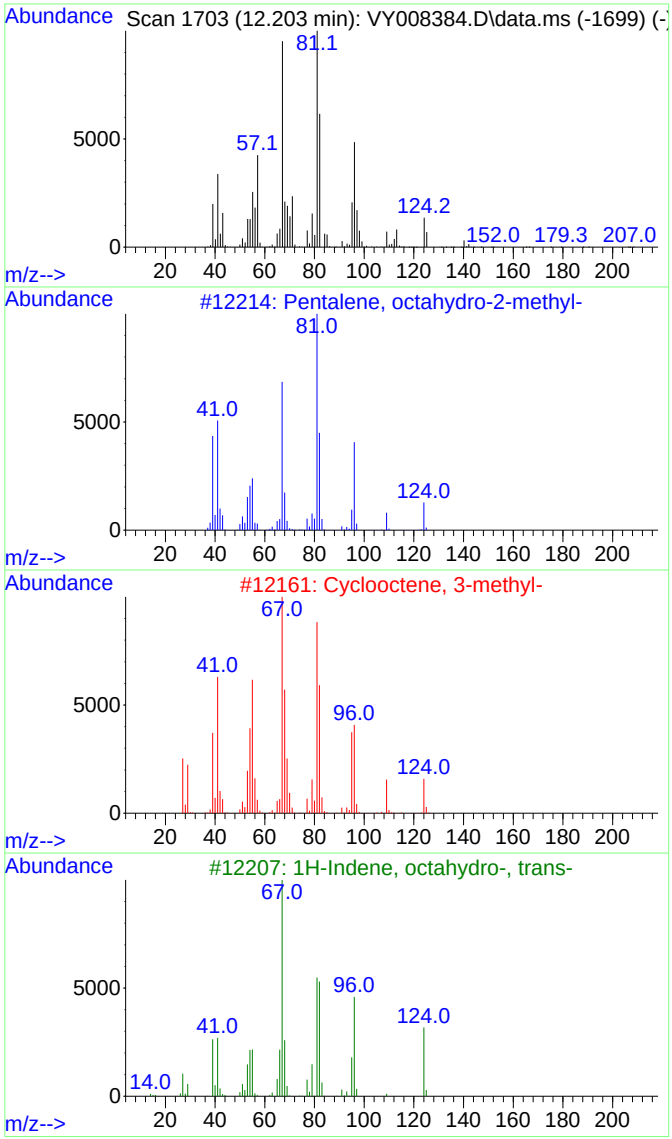
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

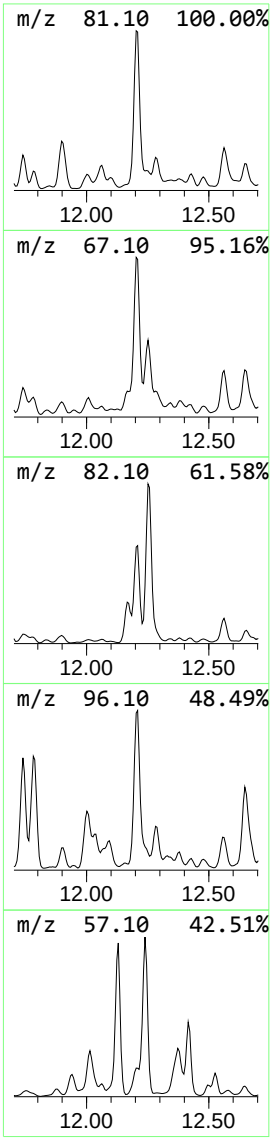
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentalene, octahydro-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.203	510.57 ug/l	7792980	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	87
2	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	64
3	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	58
4	1-Octadecyne	250	C18H34	000629-89-0	58
5	1-Pentadecyne	208	C15H28	000765-13-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
Data File : VY008384.D
Acq On : 18 Apr 2022 19:26
Operator : KP/MD
Sample : N2452-11
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5-GR

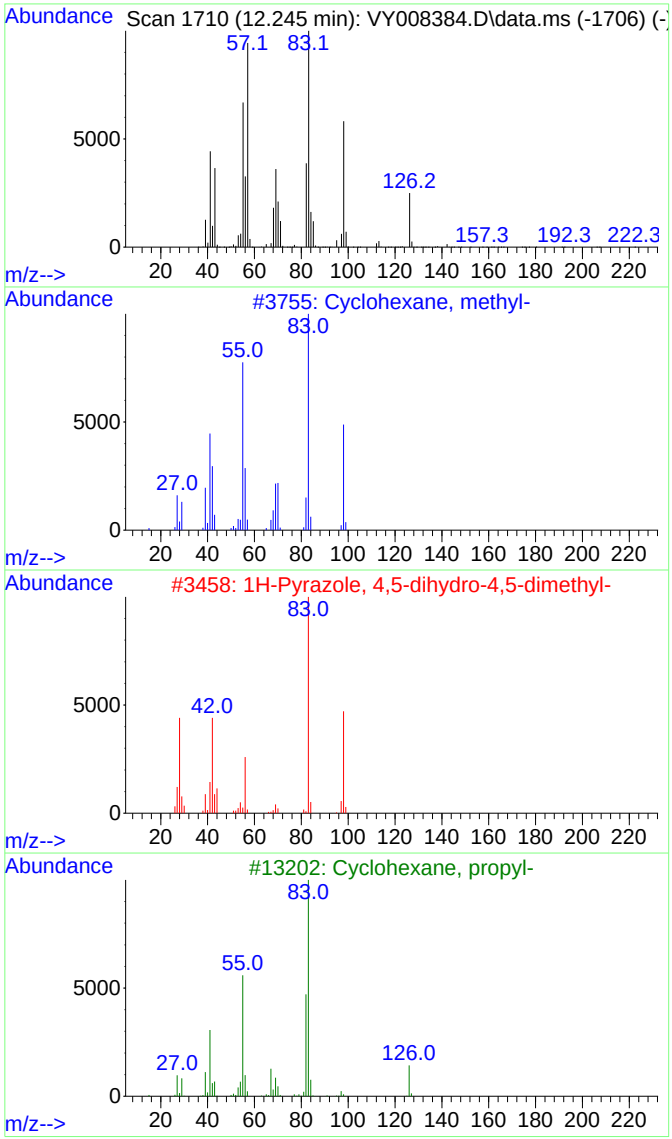
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

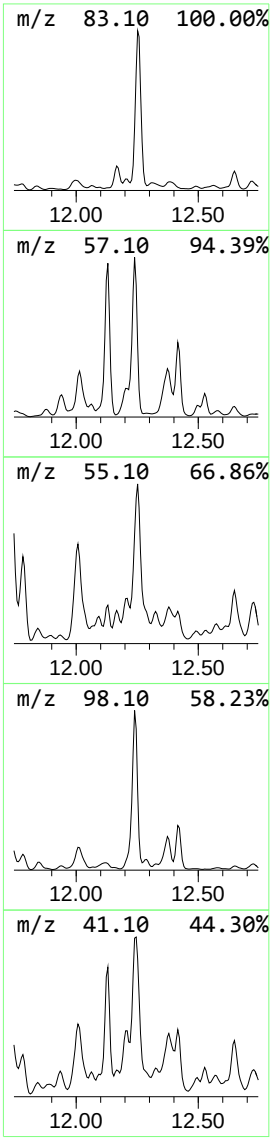
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown12.245 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	1188.36 ug/l	18138500	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	53
2	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	43
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
4	Cycloheptanone, 2-methyl-	126	C8H14O	000932-56-9	43
5	4-Methyl-5,6-dihydro-2H-pyran	98	C6H10O	1000432-32-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
Data File : VY008384.D
Acq On : 18 Apr 2022 19:26
Operator : KP/MD
Sample : N2452-11
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-5-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.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
Cyclopentane, 1...	8.277	353.8	ug/l	6682290	2	8.691	944389	50.0
Cyclopentane, 1...	8.417	482.8	ug/l	9119630	2	8.691	944389	50.0
3-Ethylcyclopen...	10.368	407.5	ug/l	6220350	3	11.489	763171	50.0
Cyclohexane, 1,...	10.520	394.1	ug/l	6014700	3	11.489	763171	50.0
Cyclohexane, et...	11.038	586.4	ug/l	8950560	3	11.489	763171	50.0
Cyclohexane, 1,...	11.093	782.2	ug/l	11939600	3	11.489	763171	50.0
Cyclohexane, 1,...	11.300	456.5	ug/l	6967560	3	11.489	763171	50.0
Octane, 3,6-dim...	12.130	501.1	ug/l	7649300	3	11.489	763171	50.0
Pentalene, octa...	12.203	510.6	ug/l	7792980	3	11.489	763171	50.0
unknown12.245	12.245	1188.4	ug/l	18138500	3	11.489	763171	50.0