LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
Acq On : 25 Jul 2022 11:53
Operator : KP/MD
Sample : N3773-17
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

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\82Y071822S.M
Title : SW846 8260

Signal : TIC: VY009678.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.888	166	175	199	rBV	1551540	3419627	18.44%	0.831%
2	3.235	222	232	253	rBV	913372	2097524	11.31%	0.510%
3	4.747	456	480	521	rVB	4010853	17026761	91.83%	4.138%
4	5.222	540	558	589	rBV	2387116	8374204	45.16%	2.035%
5	5.735	627	642	661	rBV	3023571	9256614	49.92%	2.250%
6	6.521	758	771	784	rBV3	282453	965519	5.21%	0.235%
7	6.673	784	796	805	rBV	1144795	3603181	19.43%	0.876%
8	6.777	805	813	825	rVB	1366763	4013885	21.65%	0.976%
9	7.759	956	974	984	rVV2	5737521	14802380	79.83%	3.598%
10	7.862	984	991	1002	rVB	2619467	6712600	36.20%	1.631%
11	7.990	1002	1012	1029	rBV	6008457	13781264	74.32%	3.349%
12	8.271	1049	1058	1060	rBV3	1717296	3789659	20.44%	0.921%
13	8.319	1060	1066	1076	rVV	6909578	18542224	100.00%	4.506%
14	8.411	1076	1081	1092	rVB	996231	2453013	13.23%	0.596%
15	8.539	1092	1102	1115	rVB	4770870	9391511	50.65%	2.283%
16	8.679	1115	1125	1137	rBV2	1537301	3976078	21.44%	0.966%
17	8.844	1147	1152	1158	rVB	382203	682768	3.68%	0.166%
18	9.179	1191	1207	1212	rBV2	5379167	13152813	70.93%	3.197%
19	9.240	1212	1217	1224	rVB	1975920	3789633	20.44%	0.921%
20	9.313	1224	1229	1233	rBV	414277	838640	4.52%	0.204%
21	9.362	1233	1237	1243	rVB	1015865	1797018	9.69%	0.437%
22	9.453	1243	1252	1260	rVB2	785251	1803070	9.72%	0.438%
23	9.612	1270	1278	1288	rBV	4540271	9090216	49.02%	2.209%
24	9.746	1288	1300	1306	rBV2	5871176	13460335	72.59%	3.271%
25	9.813	1306	1311	1315	rBV	3793398	6708681	36.18%	1.630%
26	9.953	1324	1334	1345	rBV	4316650	9639015	51.98%	2.343%
27	10.106	1353	1359	1365	rVB3	1854637	3402466	18.35%	0.827%
28	10.173	1365	1370	1374	rBV	1968664	3558547	19.19%	0.865%
29	10.301	1382	1391	1394	rBV3	836801	1848572	9.97%	0.449%
30	10.368	1394	1402	1408	rVV3	4220330	8383512	45.21%	2.038%
31	10.520	1422	1427	1430	rBV2	447877	743388	4.01%	0.181%
32	10.612	1435	1442	1453	rVB5	1306601	3422844	18.46%	0.832%
33	10.709	1453	1458	1463	rVB	723602	1267178	6.83%	0.308%
34	10.801	1463	1473	1477	rBV2	802303	1504012	8.11%	0.366%
35	10.904	1484	1490	1496	rVB	985176	1838025	9.91%	0.447%
36	11.002	1502	1506	1508	rVV	428204	652533	3.52%	0.159%

LSC Area Percent Report

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DL-3(8.5-9)

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\82Y071822S.M
Title : SW846 8260

37	11.032	1508	1511	1515	rVB	604062	826559	4.46%	0.201%
38	11.087	1515	1520	1525	rBV	580509	939036	5.06%	0.228%
39	11.203	1534	1539	1542	rBV2	611209	937592	5.06%	0.228%
40	11.276	1542	1551	1562	rVB3	3283211	7522594	40.57%	1.828%
41	11.380	1562	1568	1577	rBV	2519936	4286434	23.12%	1.042%
42	11.490	1580	1586	1591	rBV5	742816	1293339	6.98%	0.314%
43	11.587	1594	1602	1611	rBV	3199691	5523489	29.79%	1.342%
44	11.703	1611	1621	1630	rBV2	4587128	10617694	57.26%	2.581%
45	11.776	1630	1633	1638	rVB2	434864	661542	3.57%	0.161%
46	12.002	1663	1670	1677	rBV4	794047	2076187	11.20%	0.505%
47	12.118	1682	1689	1693	rVB	641268	1038980	5.60%	0.253%
48	12.197	1693	1702	1705	rBV4	593535	1095371	5.91%	0.266%
49	12.239	1705	1709	1713	rVB3	427183	698799	3.77%	0.170%
50	12.325	1719	1723	1727	rBV	807800	1279572	6.90%	0.311%
51	12.441	1739	1742	1752	rVB3	905765	2011018	10.85%	0.489%
52	12.520	1752	1755	1759	rVB	1046711	1287587	6.94%	0.313%
53	12.666	1768	1779	1785	rBV	4110244	6464484	34.86%	1.571%
54	12.733	1785	1790	1791	rBV	605730	805672	4.35%	0.196%
55	12.764	1791	1795	1798	rVV	2485844	3126960	16.86%	0.760%
56	12.806	1798	1802	1808	rVB2	6373037	9736203	52.51%	2.366%
57	12.971	1821	1829	1837	rBV	3209581	5809665	31.33%	1.412%
58	13.117	1847	1853	1858	rVB	7509003	10812724	58.31%	2.628%
59	13.233	1866	1872	1873	rBV4	682551	1070258	5.77%	0.260%
60	13.312	1882	1885	1889	rVB2	846601	1196613	6.45%	0.291%
61	13.361	1889	1893	1896	rBV2	769595	1048062	5.65%	0.255%
62	13.453	1901	1908	1913	rBV	2934570	5067441	27.33%	1.232%
63	13.501	1913	1916	1922	rVB2	754693	1151290	6.21%	0.280%
64	13.593	1923	1931	1933	rBV	2257038	3693653	19.92%	0.898%
65	13.623	1933	1936	1939	rVV	3141122	3994698	21.54%	0.971%
66	13.666	1939	1943	1952	rVB3	5711507	11280382	60.84%	2.742%
67	13.751	1952	1957	1961	rBV3	1375037	1982921	10.69%	0.482%
68	13.818	1961	1968	1973	rBV	1581846	2491178	13.44%	0.605%
69	13.886	1974	1979	1981	rBV	1910160	2773814	14.96%	0.674%
70	13.916	1981	1984	1988	rVB2	1249138	1718504	9.27%	0.418%
71	13.971	1988	1993	1998	rBV	6394516	8762233	47.26%	2.130%
72	14.026	1998	2002	2006	rVB2	588989	857418	4.62%	0.208%
73	14.081	2006	2011	2016	rVB	2899198	4465678	24.08%	1.085%
74	14.148	2016	2022	2027	rVB5	419168	900351	4.86%	0.219%
75	14.215	2027	2033	2037	rBV3	1155294	2322332	12.52%	0.564%
76	14.294	2041	2046	2049	rBV	2817597	4040356	21.79%	0.982%

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Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DL-3(8.5-9)

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Integrator: RTE
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Title : SW846 8260

77	14.331	2049	2052	2056	rVB	3090242	4393187	23.69%	1.068%
78	14.379	2056	2060	2064	rBV	1805013	2274791	12.27%	0.553%
79	14.416	2064	2066	2071	rVB	1079396	1367080	7.37%	0.332%
80	14.520	2079	2083	2086	rBV	892454	1100091	5.93%	0.267%
81	14.562	2086	2090	2095	rBV2	2394512	4000914	21.58%	0.972%
82	14.611	2095	2098	2103	rVB	1754954	2337591	12.61%	0.568%
83	14.684	2103	2110	2115	rBV4	4194604	9184057	49.53%	2.232%
84	14.733	2115	2118	2124	rVB2	1674153	2716424	14.65%	0.660%
85	14.904	2142	2146	2148	rBV	508641	724820	3.91%	0.176%
86	14.940	2148	2152	2156	rBV3	1702275	2807436	15.14%	0.682%
87	15.056	2164	2171	2176	rBV2	1632483	3391948	18.29%	0.824%
88	15.135	2181	2184	2190	rVB2	598592	965374	5.21%	0.235%
89	15.233	2190	2200	2205	rBV2	1907464	5107487	27.55%	1.241%
90	15.343	2213	2218	2223	rBV	936991	1707298	9.21%	0.415%
91	15.434	2230	2233	2241	rVB3	800014	1375544	7.42%	0.334%
92	15.525	2241	2248	2255	rBV2	1205271	2718773	14.66%	0.661%
93	15.605	2256	2261	2265	rVB3	411240	723476	3.90%	0.176%
94	15.690	2266	2275	2278	rBV3	666014	1774371	9.57%	0.431%
95	15.885	2301	2307	2317	rBV4	615358	1557996	8.40%	0.379%
96	16.025	2324	2330	2336	rBV4	523057	1305000	7.04%	0.317%
97	16.086	2336	2340	2346	rVB4	353947	729464	3.93%	0.177%
98	16.153	2346	2351	2357	rBV	658315	1152633	6.22%	0.280%
99	16.288	2367	2373	2381	rVV	3360615	6291510	33.93%	1.529%
100	16.483	2398	2405	2419	rVB	1694213	4291841	23.15%	1.043%

Sum of corrected areas: 411457099

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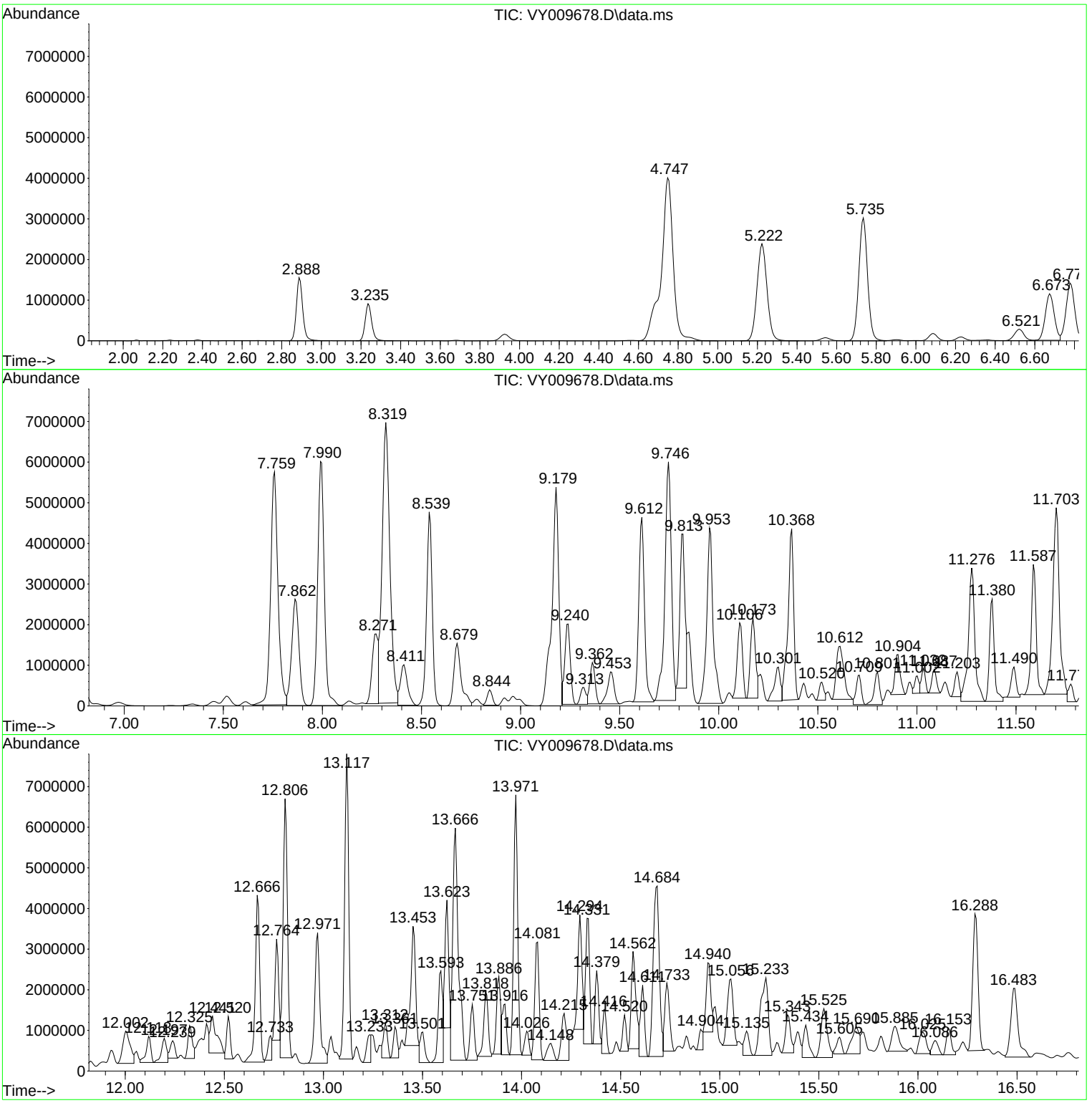
DL-3(8.5-9)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
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Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

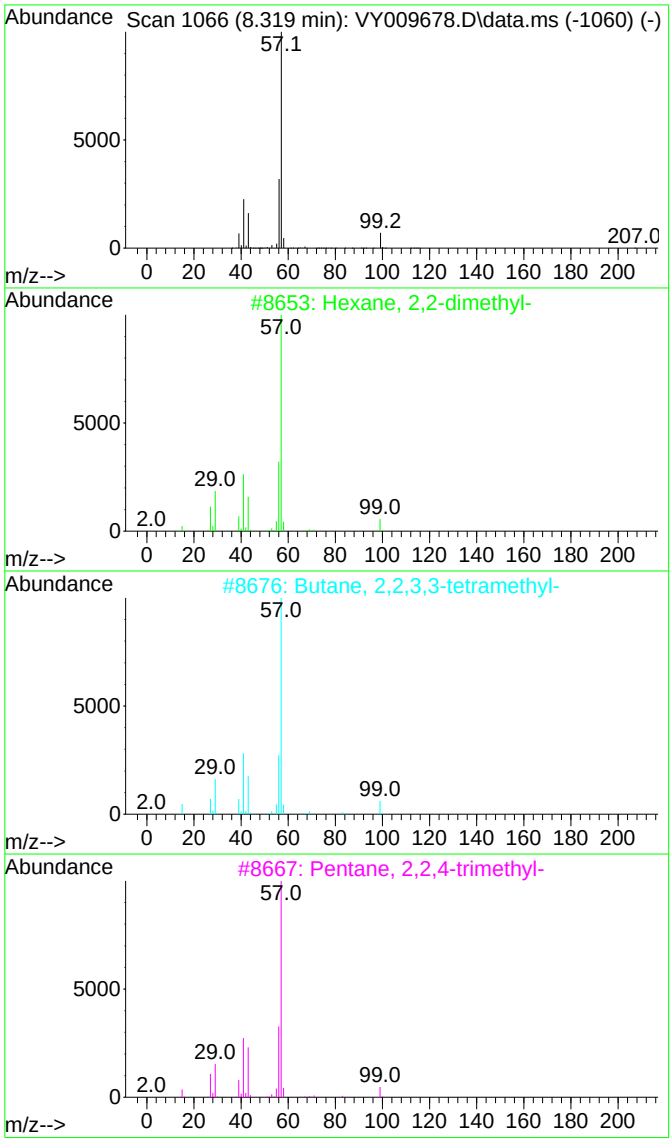
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

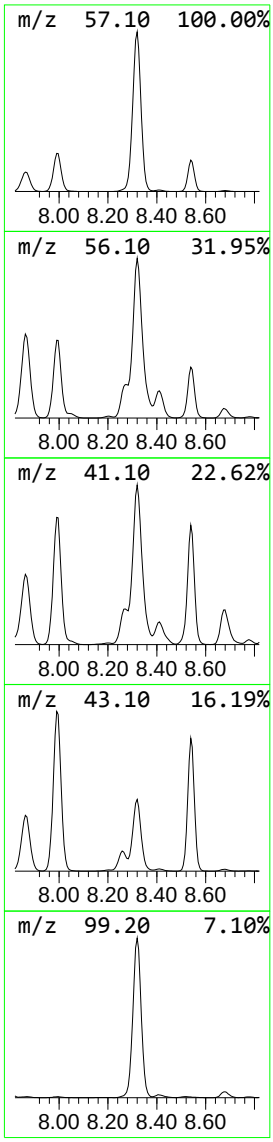
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	233.17 ug/l	18542200	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	43
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	40





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Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

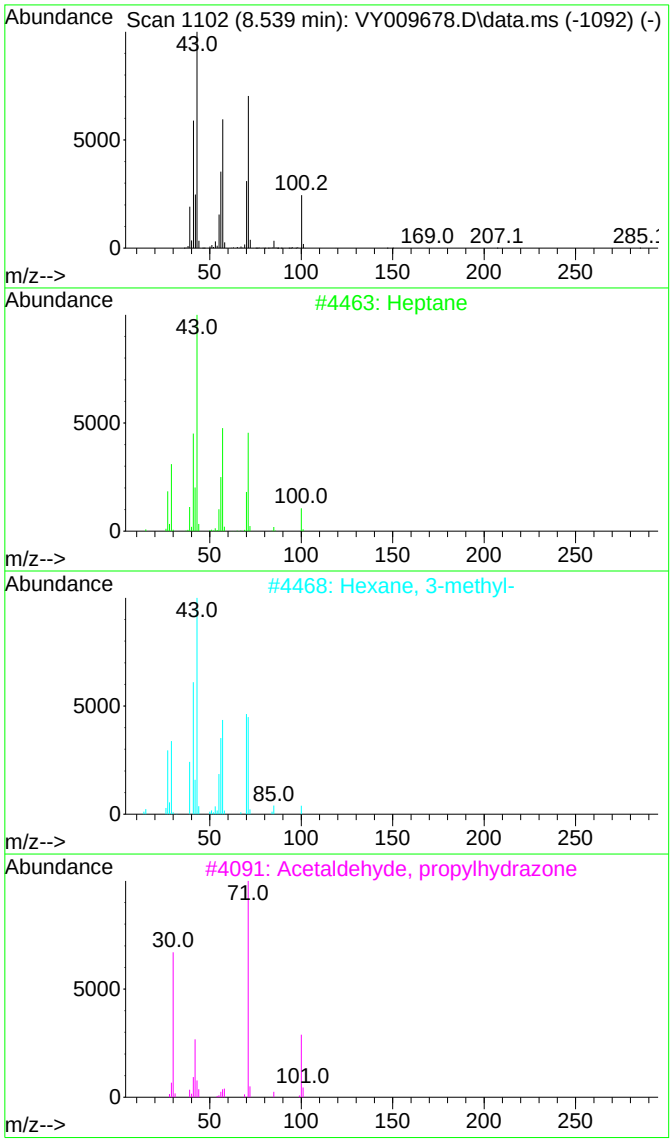
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

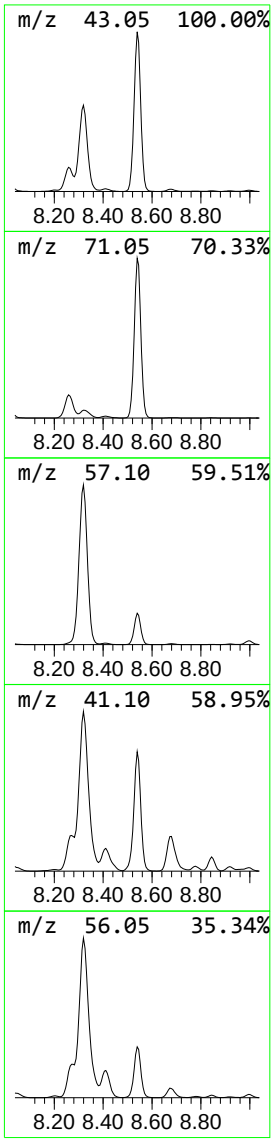
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Heptane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	118.10 ug/l	9391510	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	50
3	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	49
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	43
5	3-Hexanone	100	C6H12O	000589-38-8	43





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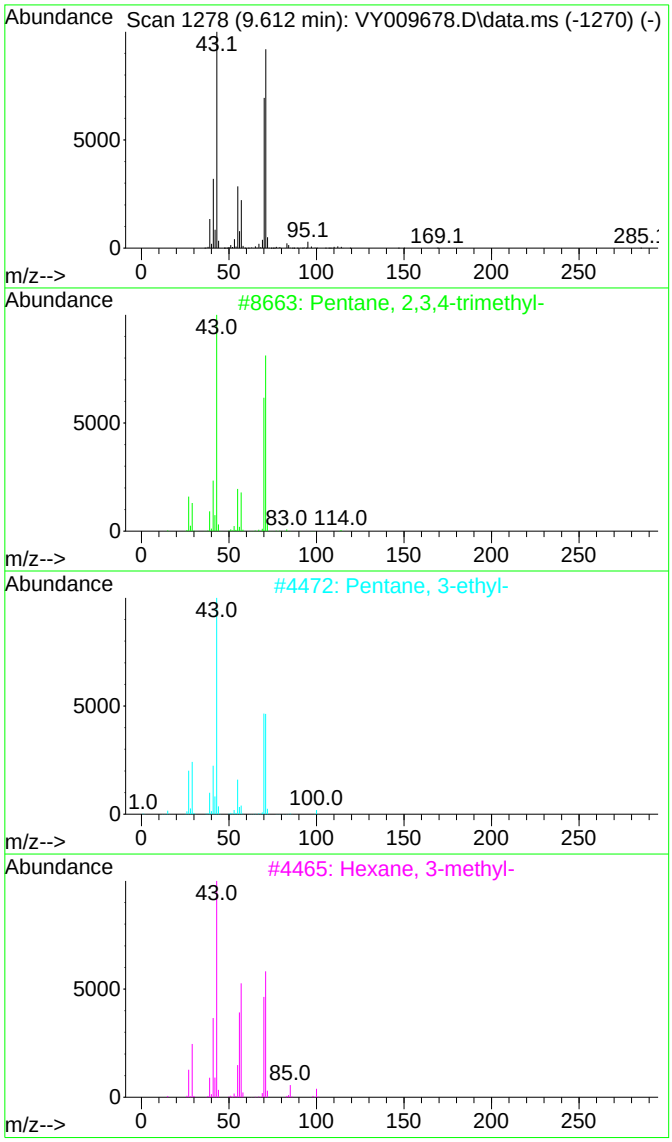
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

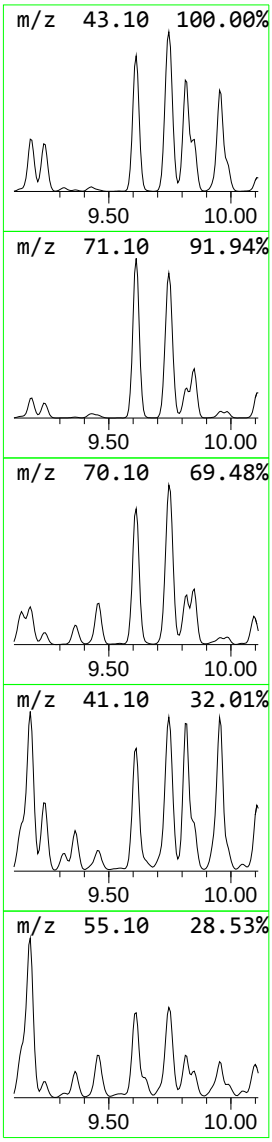
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	114.31 ug/l	9090220	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	64
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
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Operator : KP/MD
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Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

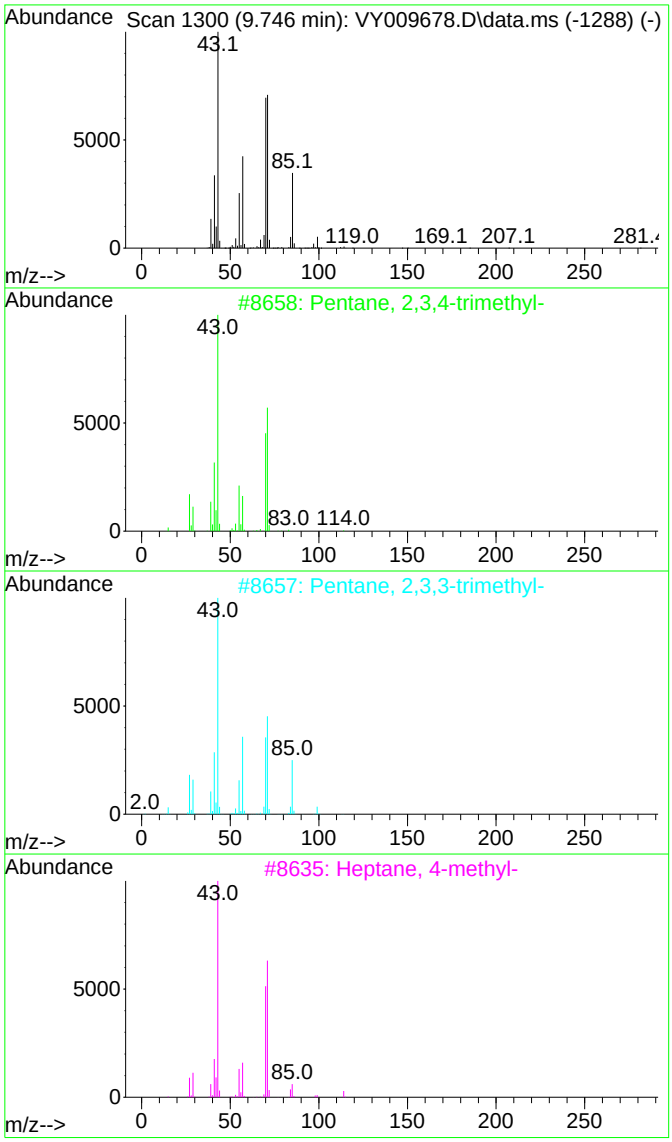
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

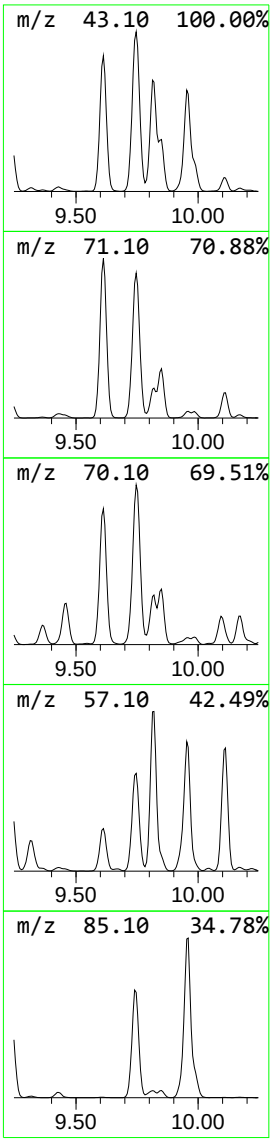
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	169.27 ug/l	13460300	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
Acq On : 25 Jul 2022 11:53
Operator : KP/MD
Sample : N3773-17
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

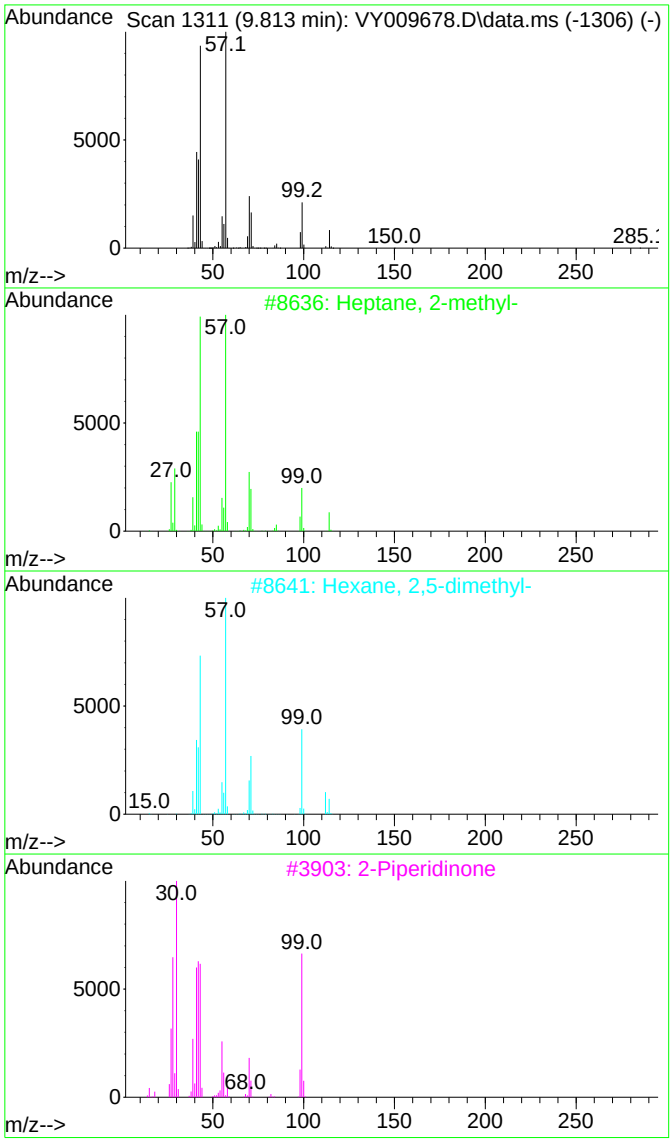
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

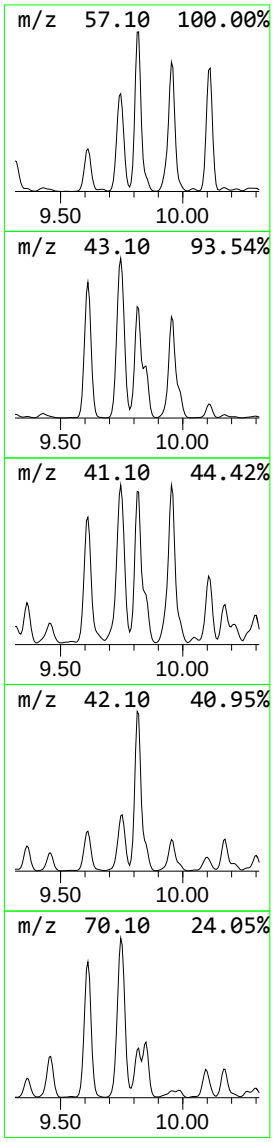
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.813	84.36 ug/l	6708680	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	93
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	78
3	2-Piperidinone	99	C5H9NO	000675-20-7	64
4	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	43
5	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
Acq On : 25 Jul 2022 11:53
Operator : KP/MD
Sample : N3773-17
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

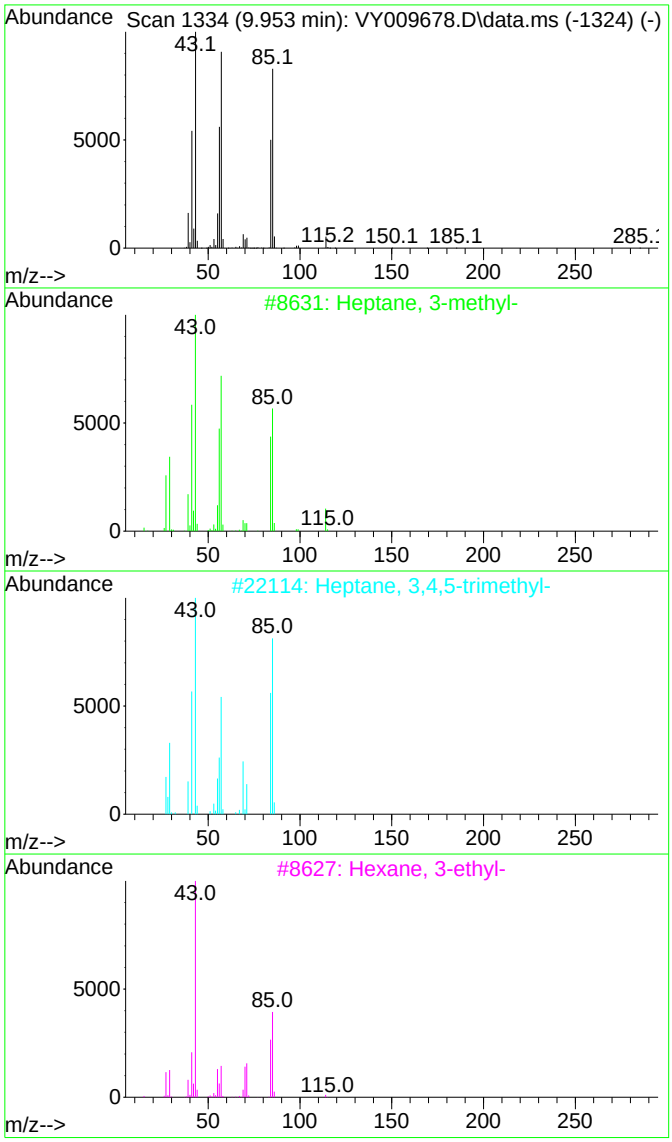
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

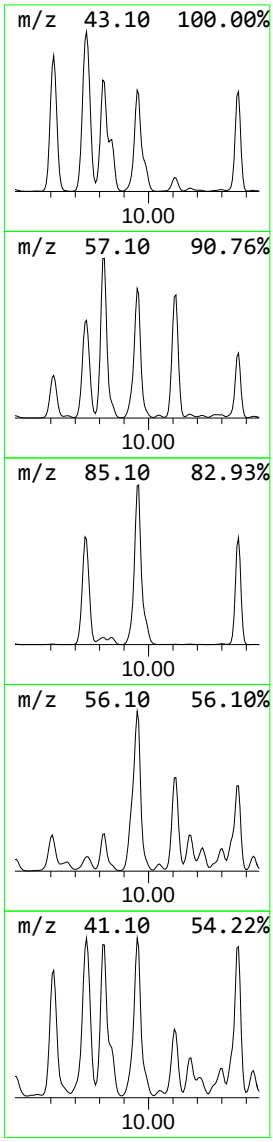
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	121.21 ug/l	9639020	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
Acq On : 25 Jul 2022 11:53
Operator : KP/MD
Sample : N3773-17
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

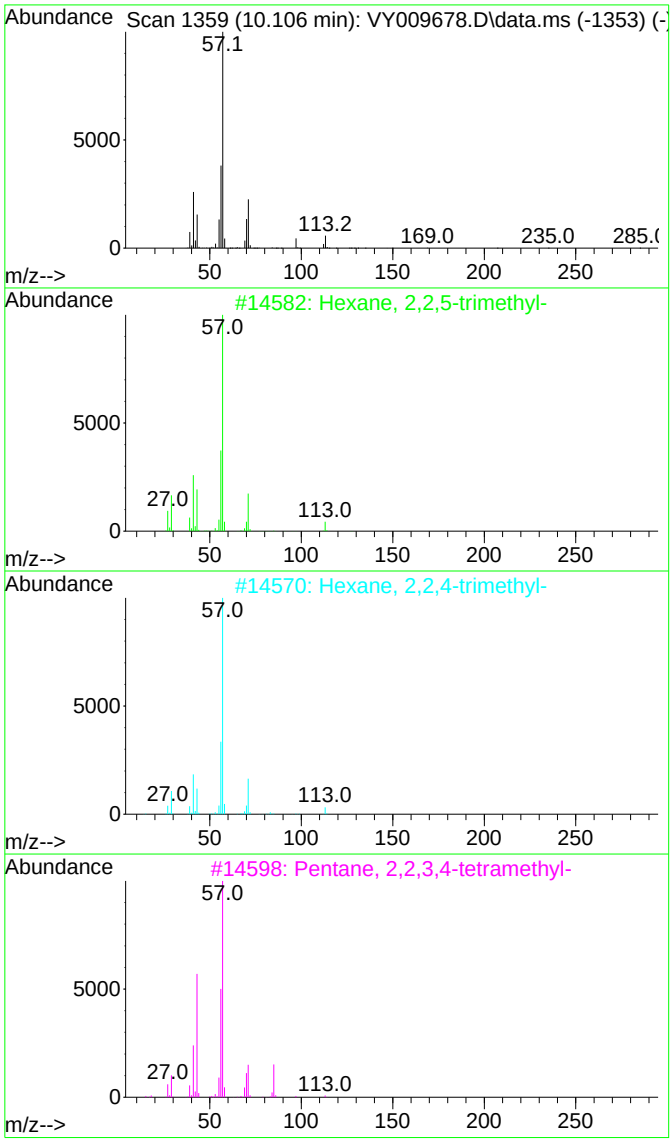
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

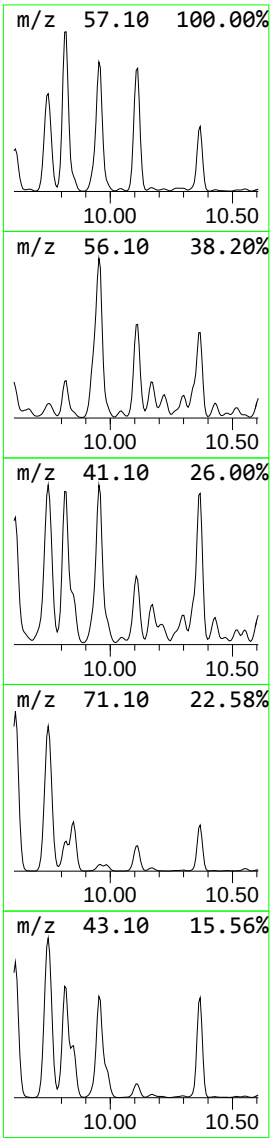
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexane, 2,2,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.106	131.54 ug/l	3402470	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	59
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
Acq On : 25 Jul 2022 11:53
Operator : KP/MD
Sample : N3773-17
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

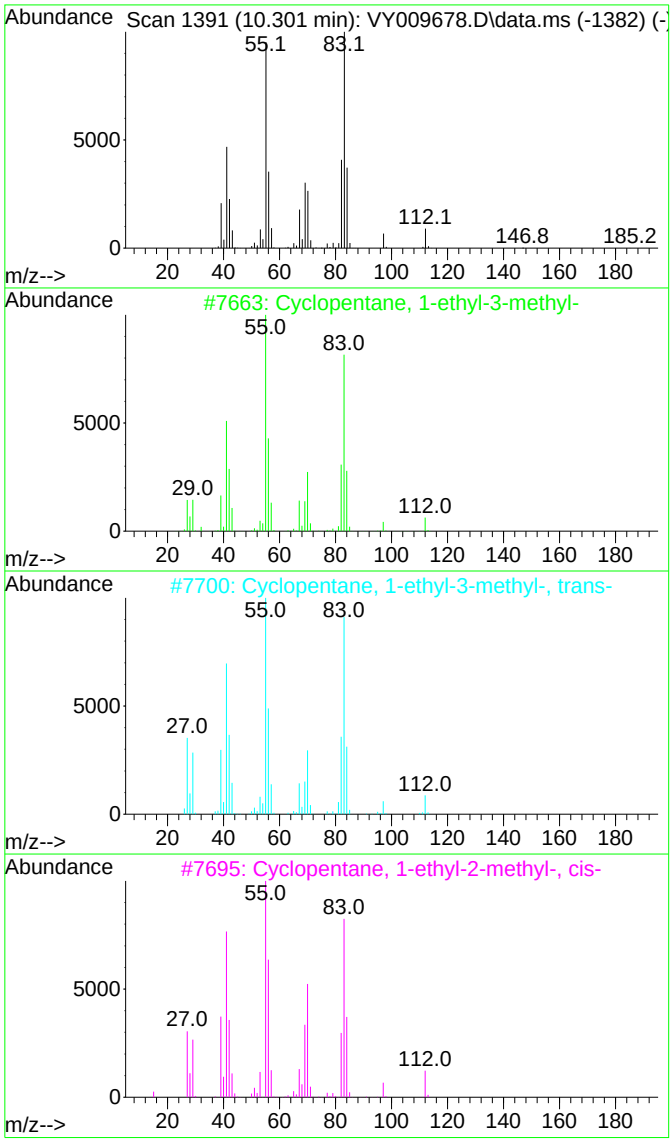
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

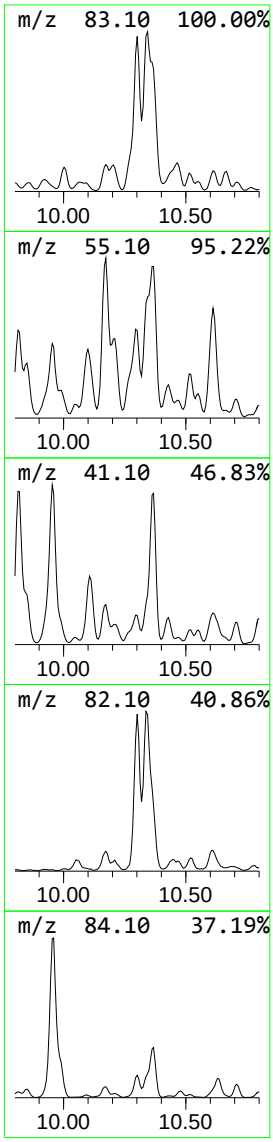
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopentane, 1-ethyl-3-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.301	71.47 ug/l	1848570	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	91
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	91
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	53
4	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	53
5	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
Acq On : 25 Jul 2022 11:53
Operator : KP/MD
Sample : N3773-17
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

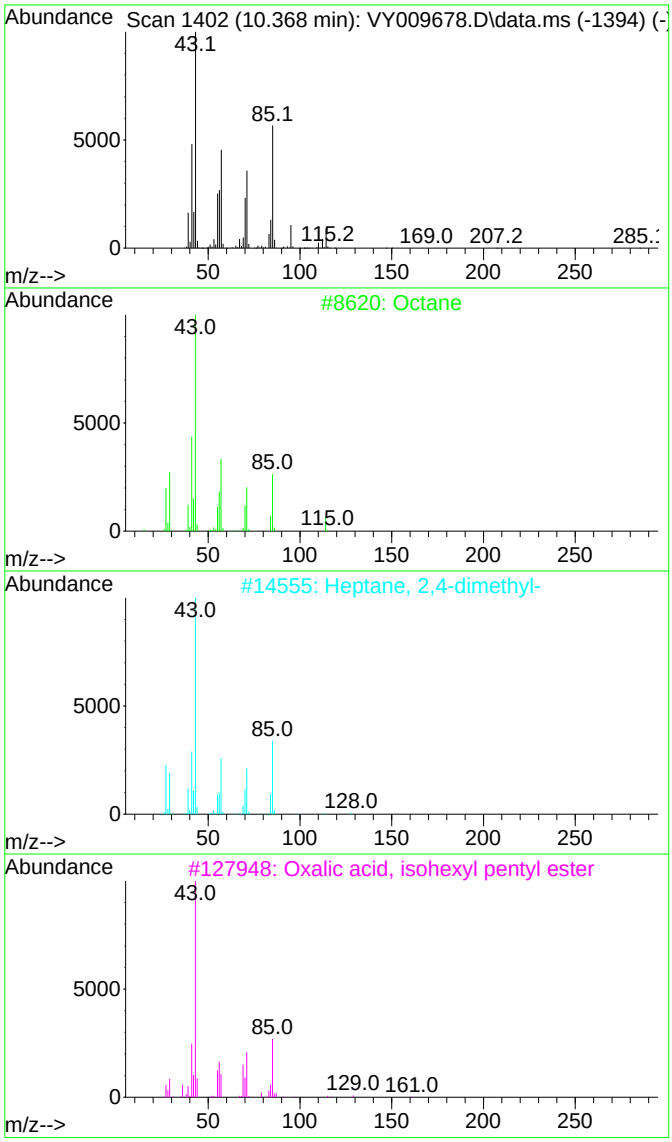
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

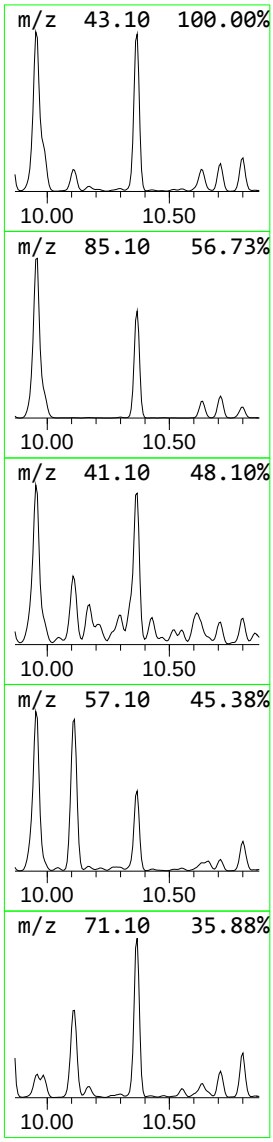
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Octane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.368	324.10 ug/l	8383510	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	93
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
Acq On : 25 Jul 2022 11:53
Operator : KP/MD
Sample : N3773-17
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

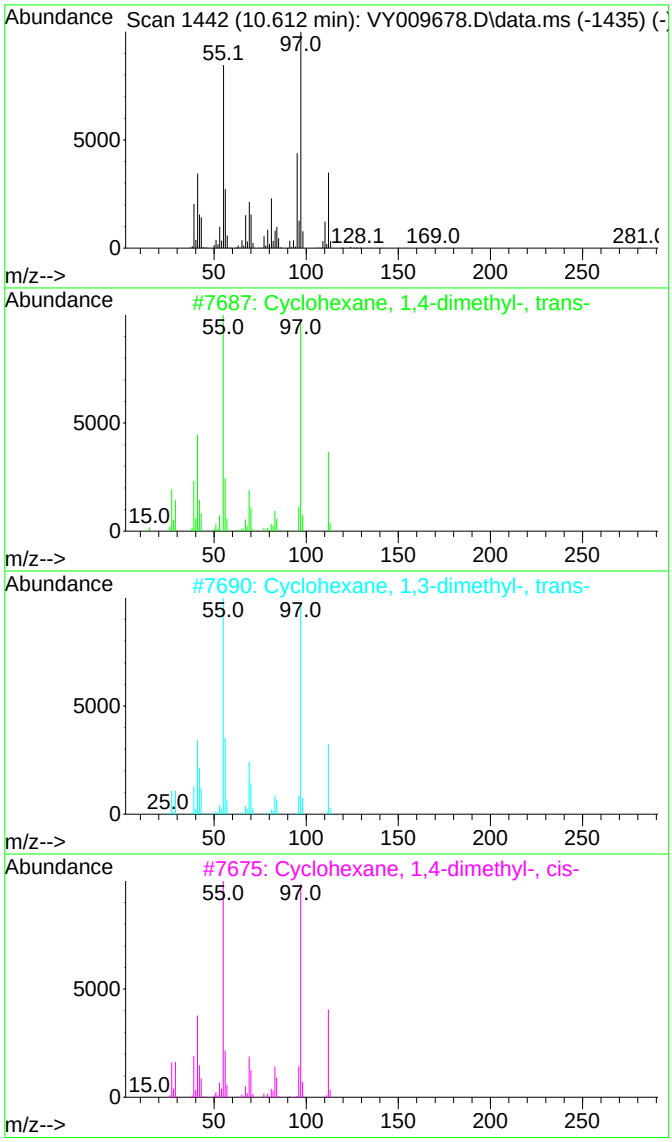
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

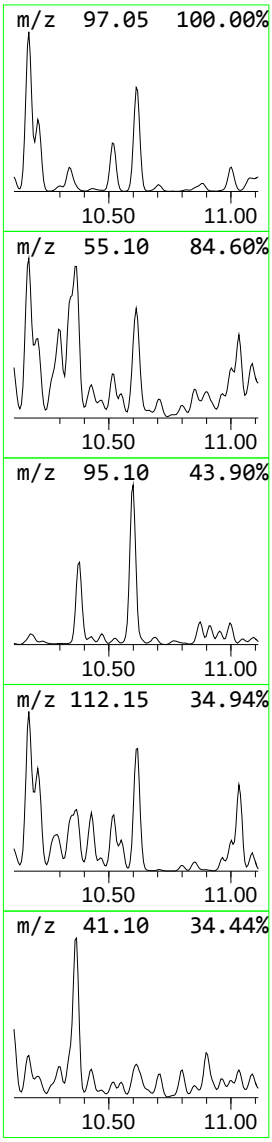
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.612	132.33 ug/l	3422840	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	89
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	70
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
Acq On : 25 Jul 2022 11:53
Operator : KP/MD
Sample : N3773-17
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

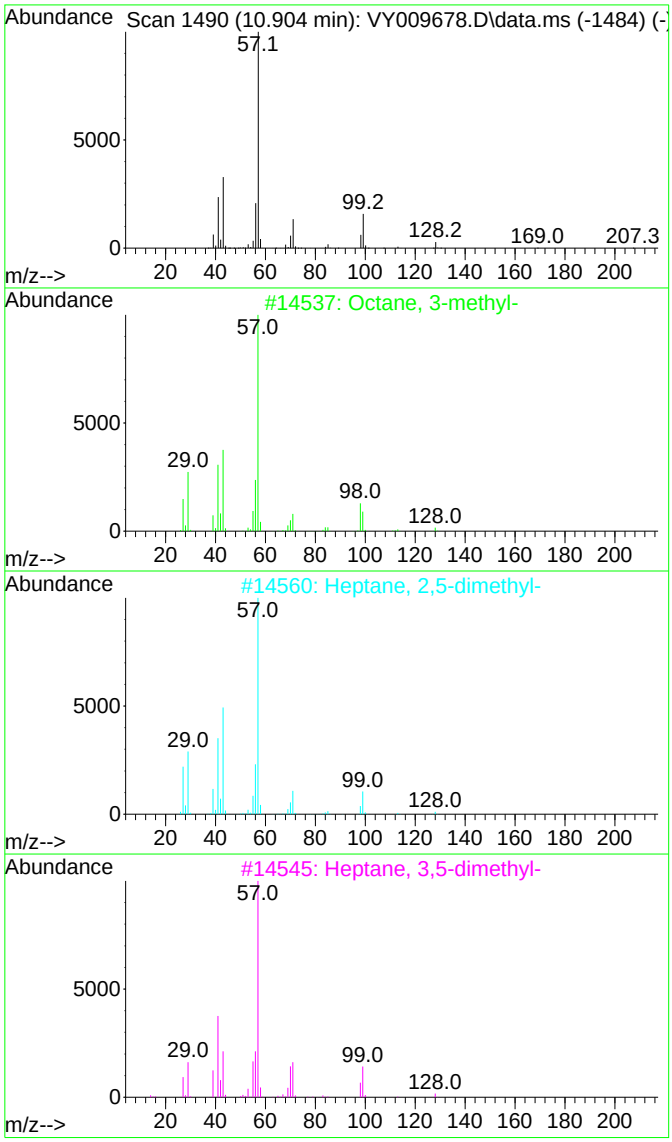
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

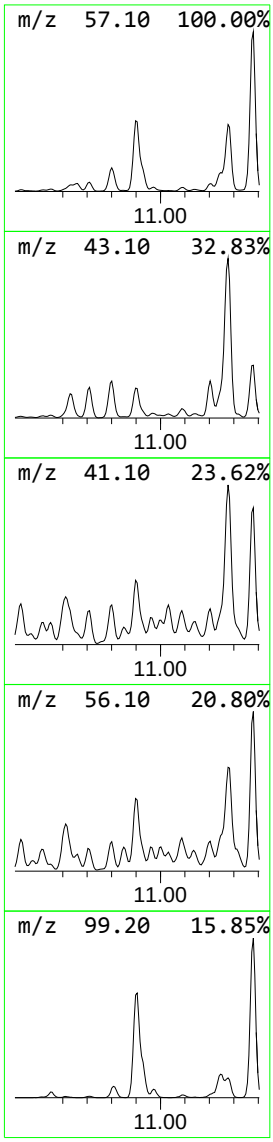
****

Peak Number 11 Octane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.904	71.06 ug/l	1838030	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	78
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	53
5	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
Acq On : 25 Jul 2022 11:53
Operator : KP/MD
Sample : N3773-17
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

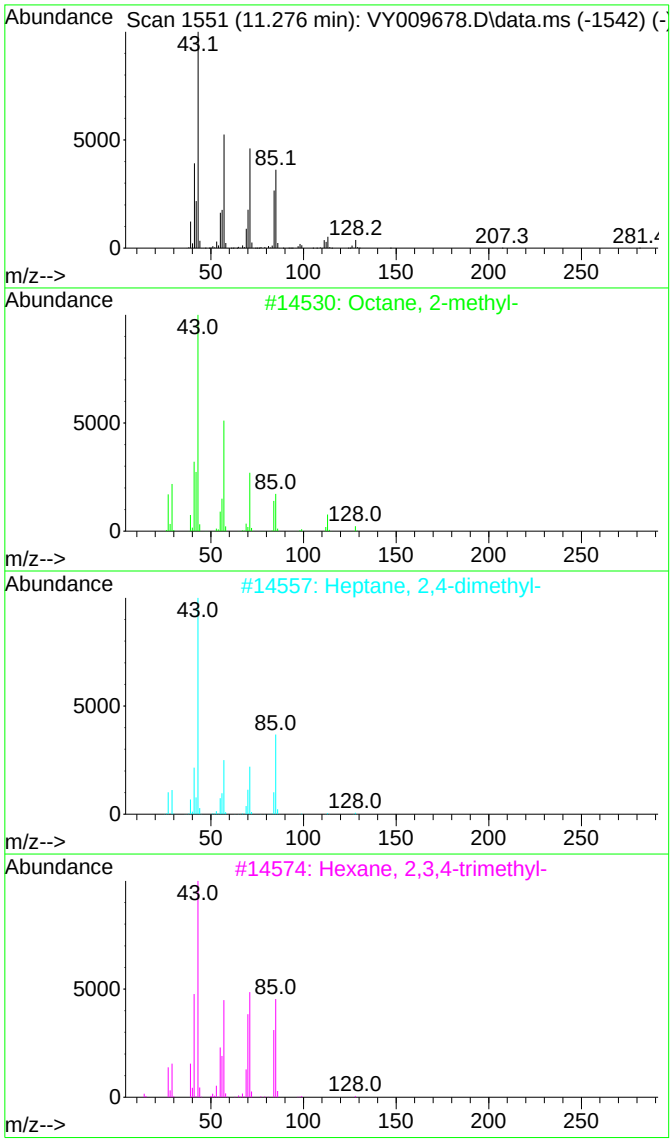
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

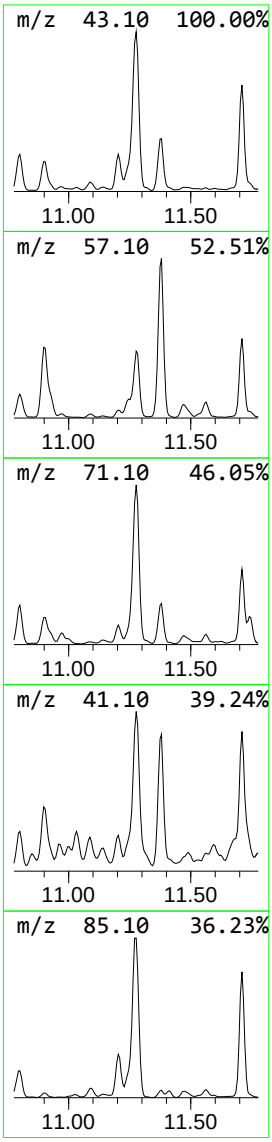
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.276	290.82 ug/l	7522590	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	87
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	58
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
Acq On : 25 Jul 2022 11:53
Operator : KP/MD
Sample : N3773-17
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

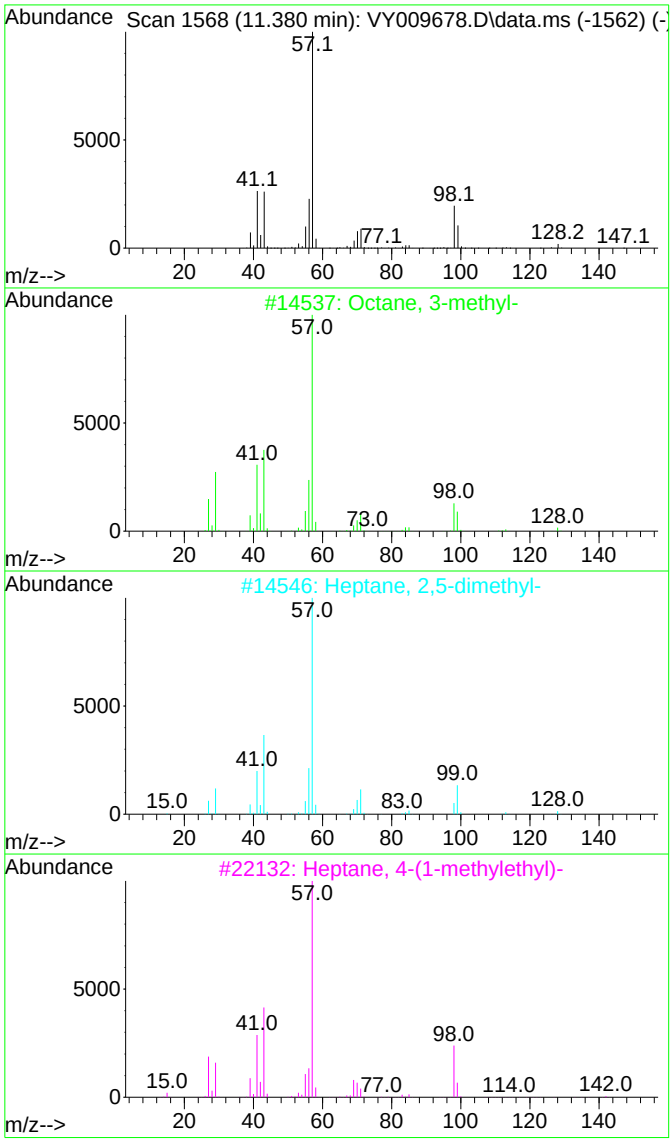
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

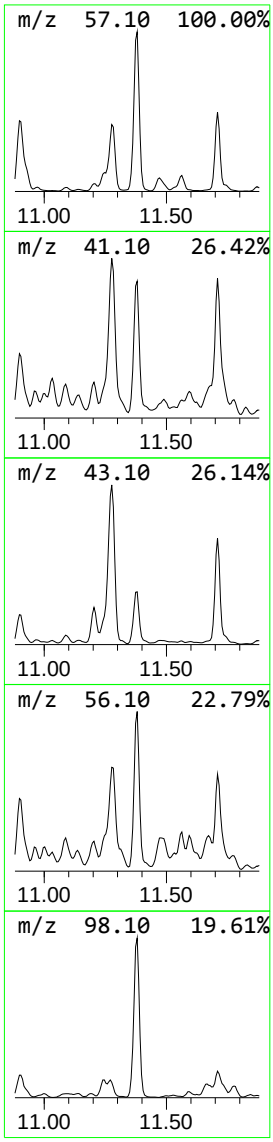
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Heptane, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.380	165.71 ug/l	4286430	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
3	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
Acq On : 25 Jul 2022 11:53
Operator : KP/MD
Sample : N3773-17
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

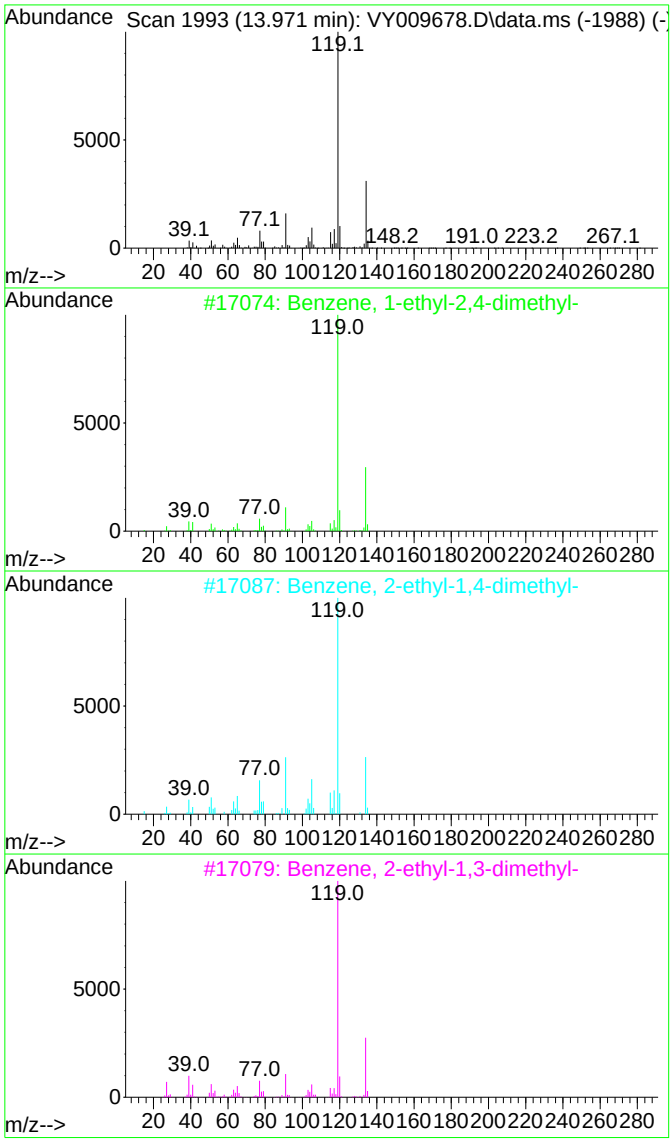
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

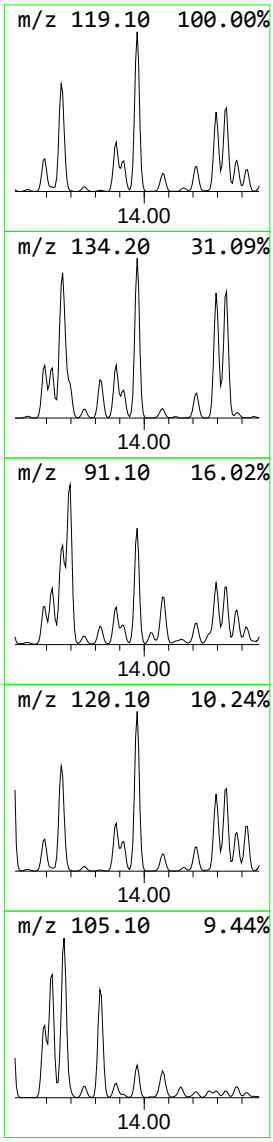
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	86.46 ug/l	8762230	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
Acq On : 25 Jul 2022 11:53
Operator : KP/MD
Sample : N3773-17
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

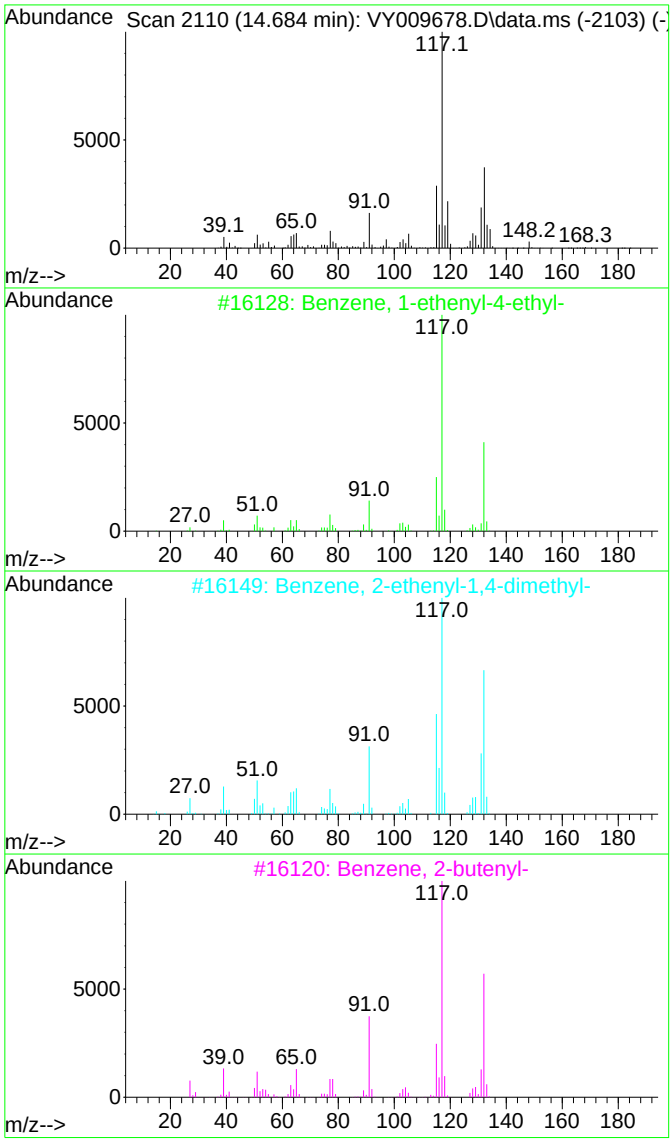
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

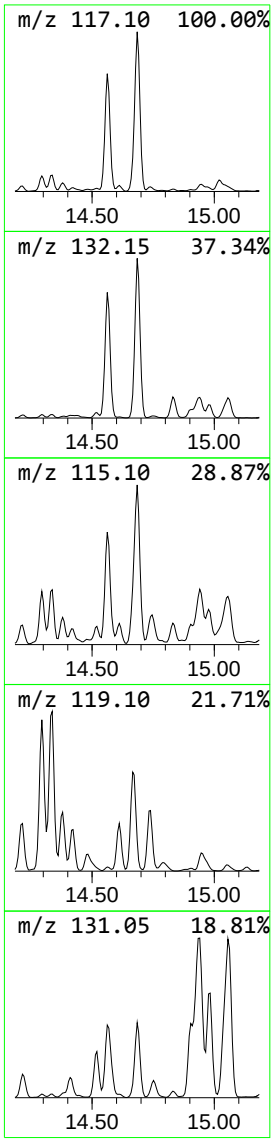
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	90.62 ug/l	9184060	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
Data File : VY009678.D
Acq On : 25 Jul 2022 11:53
Operator : KP/MD
Sample : N3773-17
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.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
Hexane, 2,2-dim...	8.319	233.2	ug/l	18542200	2	8.685	3976080	50.0
Heptane	8.539	118.1	ug/l	9391510	2	8.685	3976080	50.0
Pentane, 2,3,4-...	9.612	114.3	ug/l	9090220	2	8.685	3976080	50.0
Pentane, 2,3,3-...	9.746	169.3	ug/l	13460300	2	8.685	3976080	50.0
Heptane, 2-methyl-	9.813	84.4	ug/l	6708680	2	8.685	3976080	50.0
Heptane, 3-methyl-	9.953	121.2	ug/l	9639020	2	8.685	3976080	50.0
Hexane, 2,2,5-t...	10.106	131.5	ug/l	3402470	3	11.490	1293340	50.0
Cyclopentane, 1...	10.301	71.5	ug/l	1848570	3	11.490	1293340	50.0
Octane	10.368	324.1	ug/l	8383510	3	11.490	1293340	50.0
Cyclohexane, 1,...	10.612	132.3	ug/l	3422840	3	11.490	1293340	50.0
Octane, 3-methyl-	10.904	71.1	ug/l	1838030	3	11.490	1293340	50.0
Octane, 2-methyl-	11.276	290.8	ug/l	7522590	3	11.490	1293340	50.0
Heptane, 2,5-di...	11.380	165.7	ug/l	4286430	3	11.490	1293340	50.0
Benzene, 1-ethy...	13.971	86.5	ug/l	8762230	4	13.422	5067440	50.0
Benzene, 1-ethe...	14.684	90.6	ug/l	9184060	4	13.422	5067440	50.0