LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
Data File : VY007714.D
Acq On : 03 Mar 2022 19:02
Operator : SY/MD
Sample : N1759-01
Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DISP-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Title : SW846 8260

Signal : TIC: VY007714.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	167	178	200	rBV	3839106	8406822	2.13%	0.085%
2	4.710	461	474	477	rBV	2984346	9418931	2.38%	0.095%
3	4.771	477	484	527	rVB	7039631	26835521	6.79%	0.271%
4	5.247	542	562	589	rBV	4897925	17228014	4.36%	0.174%
5	5.753	631	645	664	rBV	6868501	21169428	5.35%	0.214%
6	6.698	787	800	809	rBV	10572736	33324333	8.43%	0.337%
7	6.795	809	816	828	rVB	6253826	18223855	4.61%	0.184%
8	7.533	930	937	946	rVB2	2350109	6424613	1.63%	0.065%
9	7.777	967	977	986	rBV2	48718168	118543136	29.99%	1.198%
10	7.886	986	995	1006	rVB2	64225644	156770879	39.66%	1.584%
11	8.014	1006	1016	1032	rVB2	67803480	155912725	39.44%	1.575%
12	8.356	1051	1072	1079	rBV5	85833708	345450585	87.38%	3.491%
13	8.429	1079	1084	1094	rVB	10724243	25114290	6.35%	0.254%
14	8.557	1094	1105	1118	rVB2	72904624	147619531	37.34%	1.492%
15	8.691	1118	1127	1140	rBV2	22226448	58417877	14.78%	0.590%
16	8.856	1149	1154	1160	rVB	4494344	8512058	2.15%	0.086%
17	8.929	1160	1166	1170	rBV	4504644	9566572	2.42%	0.097%
18	9.197	1194	1210	1215	rBV3	116721035	304695788	77.07%	3.079%
19	9.258	1215	1220	1227	rVB	60073731	116589473	29.49%	1.178%
20	9.331	1227	1232	1235	rBV	8188986	15690434	3.97%	0.159%
21	9.380	1235	1240	1246	rVB	16093840	30383906	7.69%	0.307%
22	9.472	1246	1255	1263	rBV3	14358922	38427399	9.72%	0.388%
23	9.624	1273	1280	1291	rBV4	94761354	272605058	68.96%	2.755%
24	9.770	1291	1304	1310	rBV7	111349208	361845257	91.53%	3.656%
25	9.837	1310	1315	1327	rVB4	101210156	321303518	81.28%	3.247%
26	9.978	1327	1338	1348	rBV5	97729572	300054096	75.90%	3.032%
27	10.069	1348	1353	1356	rBV2	9901280	17705169	4.48%	0.179%
28	10.124	1356	1362	1368	rBV3	73732691	138511343	35.04%	1.400%
29	10.191	1368	1373	1378	rBV	48277680	100349511	25.38%	1.014%
30	10.313	1384	1393	1396	rBV3	26397845	62943178	15.92%	0.636%
31	10.386	1396	1405	1410	rVV6	131876049	325855161	82.43%	3.293%
32	10.441	1410	1414	1418	rVV2	19151003	30391844	7.69%	0.307%
33	10.484	1418	1421	1425	rVB3	8105183	11149888	2.82%	0.113%
34	10.538	1425	1430	1433	rBV	16664679	31206700	7.89%	0.315%
35	10.618	1437	1443	1455	rVB4	66287396	169424373	42.86%	1.712%
36	10.721	1455	1460	1466	rVB2	26956487	49569352	12.54%	0.501%

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Title : SW846 8260

37	10.813	1466	1475	1480	rBV2	28927187	61072332	15.45%	0.617%
38	10.874	1480	1485	1487	rBV3	9383944	18471726	4.67%	0.187%
39	10.916	1487	1492	1498	rVV2	47574005	91759581	23.21%	0.927%
40	10.977	1498	1502	1503	rVV3	10014650	14154524	3.58%	0.143%
41	11.014	1504	1508	1510	rVV2	27664363	47033149	11.90%	0.475%
42	11.050	1511	1514	1518	rVV	25848058	41434589	10.48%	0.419%
43	11.099	1518	1522	1527	rVV	25384581	49819002	12.60%	0.503%
44	11.154	1527	1531	1536	rVB3	21934366	39541112	10.00%	0.400%
45	11.215	1536	1541	1545	rBV	27132172	46962683	11.88%	0.475%
46	11.300	1545	1555	1565	rVB7	123178787	381287273	96.45%	3.853%
47	11.398	1565	1571	1582	rBV2	97943603	219991335	55.65%	2.223%
48	11.508	1582	1589	1594	rBV5	31647642	72509494	18.34%	0.733%
49	11.697	1615	1620	1623	rBV3	147803065	278083382	70.34%	2.810%
50	11.733	1624	1626	1633	rVV5	147806350	265314332	67.11%	2.681%
51	11.794	1633	1636	1640	rVB2	18196929	25900079	6.55%	0.262%
52	11.837	1640	1643	1648	rBV4	7301382	10857260	2.75%	0.110%
53	11.904	1648	1654	1656	rBV4	8795670	16472507	4.17%	0.166%
54	11.947	1656	1661	1666	rBV3	21626290	32604216	8.25%	0.329%
55	12.014	1666	1672	1679	rBV4	39129178	88840926	22.47%	0.898%
56	12.069	1679	1681	1684	rVB	7775526	8147518	2.06%	0.082%
57	12.130	1685	1691	1696	rBV	24826542	44682519	11.30%	0.452%
58	12.209	1699	1704	1708	rBV2	25436392	44738169	11.32%	0.452%
59	12.251	1708	1711	1715	rVB3	19050480	26367803	6.67%	0.266%
60	12.337	1719	1725	1730	rBV2	94405004	172861919	43.73%	1.747%
61	12.386	1730	1733	1737	rBV3	10873540	21702539	5.49%	0.219%
62	12.465	1742	1746	1754	rVV6	68115328	175100712	44.29%	1.769%
63	12.544	1754	1759	1763	rVB	42250818	66830909	16.91%	0.675%
64	12.684	1771	1782	1787	rBV5	119677701	292317978	73.94%	2.954%
65	12.739	1787	1791	1793	rBV4	141235172	226885546	57.39%	2.293%
66	12.818	1802	1804	1806	rBV4	39741408	45835263	11.59%	0.463%
67	12.983	1824	1831	1835	rBV2	62074751	110365162	27.92%	1.115%
68	13.056	1840	1843	1844	rVV	11702272	14633123	3.70%	0.148%
69	13.081	1844	1847	1849	rVV	15907735	22034111	5.57%	0.223%
70	13.123	1849	1854	1857	rVV3	148858125	263072257	66.55%	2.658%
71	13.160	1857	1860	1868	rVB4	145738262	189104551	47.83%	1.911%
72	13.251	1868	1875	1879	rBV3	37108446	94442013	23.89%	0.954%
73	13.294	1879	1882	1883	rVV	17891632	23031737	5.83%	0.233%
74	13.324	1883	1887	1891	rVB2	41532239	64621428	16.35%	0.653%
75	13.373	1891	1895	1898	rBV2	16861285	25252110	6.39%	0.255%
76	13.471	1903	1911	1924	rVB6	156121040	379893921	96.10%	3.839%

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ClientSampleId :
DISP-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
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77	13.599	1926	1932	1933	rBV2	88204575	113214595	28.64%	1.144%
78	13.629	1933	1937	1941	rVV4	176452213	395328164	100.00%	3.995%
79	13.672	1941	1944	1954	rVB5	161564446	371456474	93.96%	3.754%
80	13.757	1954	1958	1963	rBV2	21864564	31412576	7.95%	0.317%
81	13.824	1964	1969	1974	rVB	48394977	73558181	18.61%	0.743%
82	13.891	1974	1980	1982	rBV2	86518193	130449069	33.00%	1.318%
83	13.922	1982	1985	1989	rVV2	69056039	94621330	23.93%	0.956%
84	13.977	1989	1994	1999	rVB2	129027784	193447710	48.93%	1.955%
85	14.038	1999	2004	2007	rBV	17607716	24552442	6.21%	0.248%
86	14.087	2007	2012	2017	rVB2	70805239	110395546	27.93%	1.116%
87	14.154	2017	2023	2028	rVB5	3737552	8230201	2.08%	0.083%
88	14.215	2028	2033	2038	rBV	22947619	32912708	8.33%	0.333%
89	14.300	2038	2047	2050	rBV2	43666924	71735167	18.15%	0.725%
90	14.336	2050	2053	2057	rVV	49741084	68174136	17.24%	0.689%
91	14.379	2057	2060	2064	rVV	15305567	20032163	5.07%	0.202%
92	14.422	2064	2067	2073	rVB2	6707666	8967068	2.27%	0.091%
93	14.519	2079	2083	2086	rVV	6651816	8398324	2.12%	0.085%
94	14.568	2086	2091	2095	rVV	28474010	44150088	11.17%	0.446%
95	14.611	2095	2098	2103	rVB	7331152	9993133	2.53%	0.101%
96	14.684	2103	2110	2116	rBV4	35898402	71849206	18.17%	0.726%
97	14.739	2116	2119	2125	rVB3	4414230	7330105	1.85%	0.074%
98	14.940	2147	2152	2156	rBV3	4136841	6713644	1.70%	0.068%
99	15.056	2164	2171	2181	rVB2	3402914	7690240	1.95%	0.078%
100	15.233	2190	2200	2206	rVB	6918638	11848838	3.00%	0.120%

Sum of corrected areas: 9896132516

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ClientSampleId :
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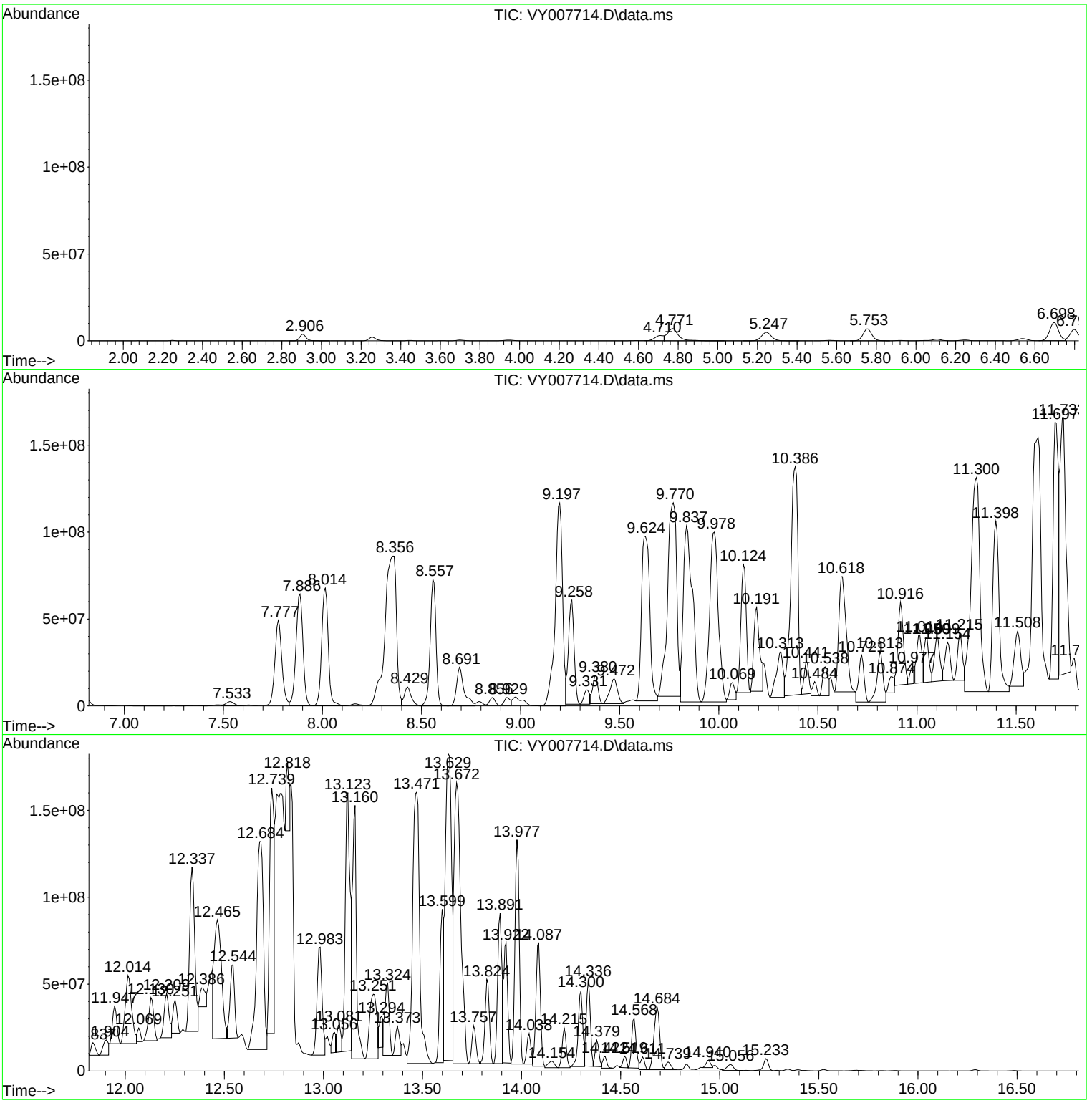
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

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



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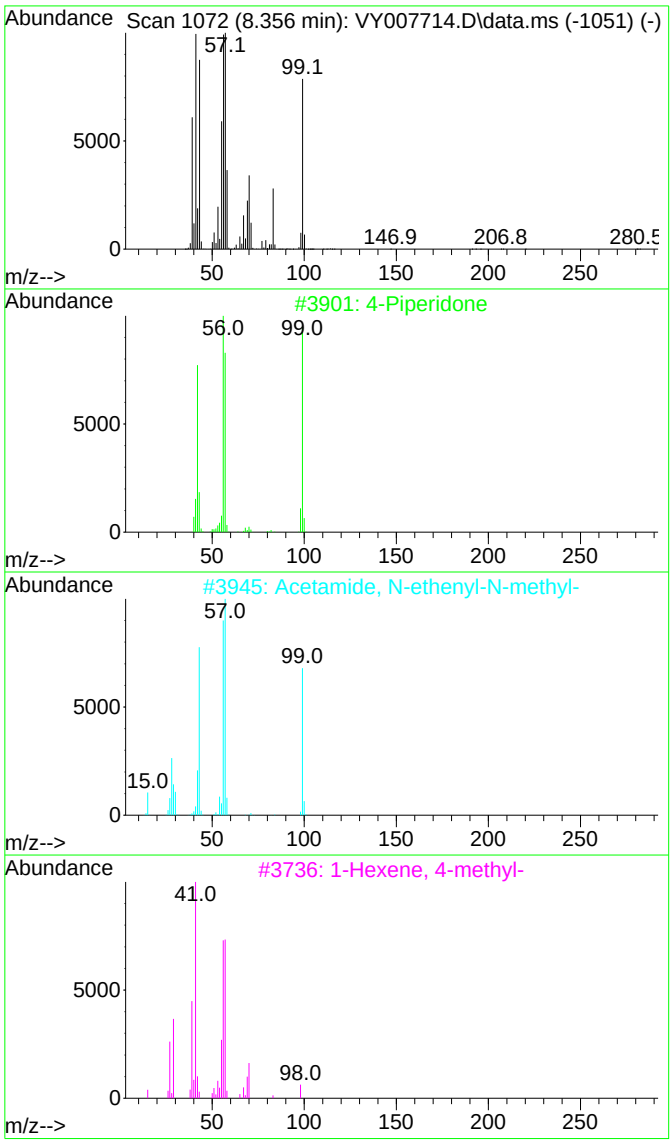
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

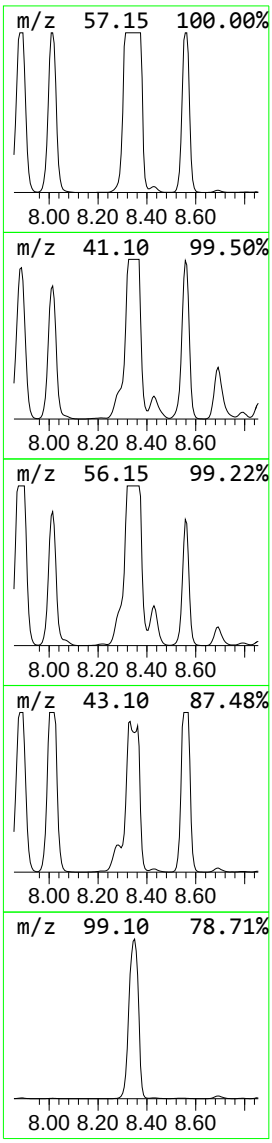
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 4-Piperidone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.356	295.67 ug/l	345451000	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Piperidone	99	C5H9NO	041661-47-6	58
2	Acetamide, N-ethenyl-N-methyl-	99	C5H9NO	003195-78-6	49
3	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	43
4	3-Methyl-2-pyrrolidinone	99	C5H9NO	002555-05-7	38
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	38





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Instrument :
MSVOA_Y
ClientSampleId :
DISP-1

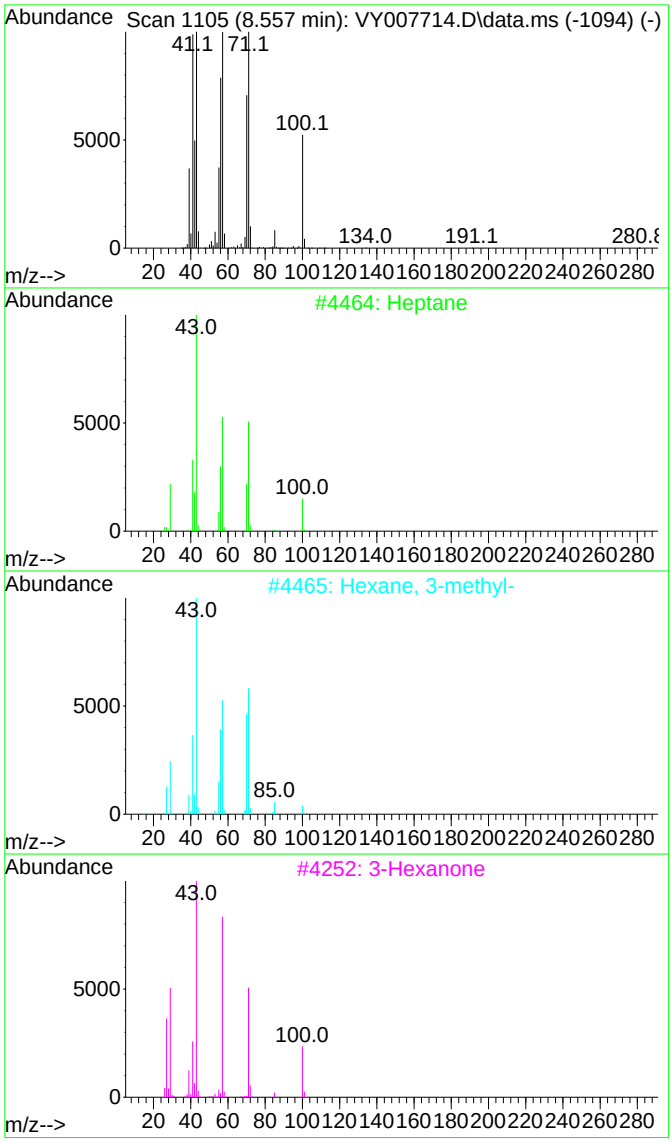
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

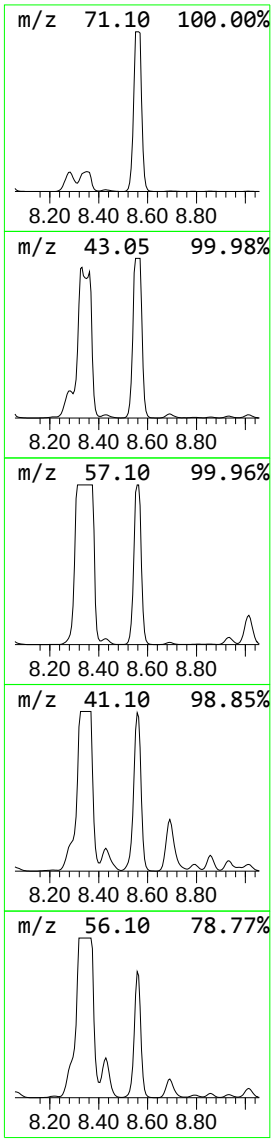
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Heptane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.557	126.35 ug/l	147620000	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	64
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	50
3	3-Hexanone	100	C6H12O	000589-38-8	43
4	.alpha.-Amino-.gamma.-butyrolactone	101	C4H7NO2	001192-20-7	38
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	38





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MSVOA_Y
ClientSampleId :
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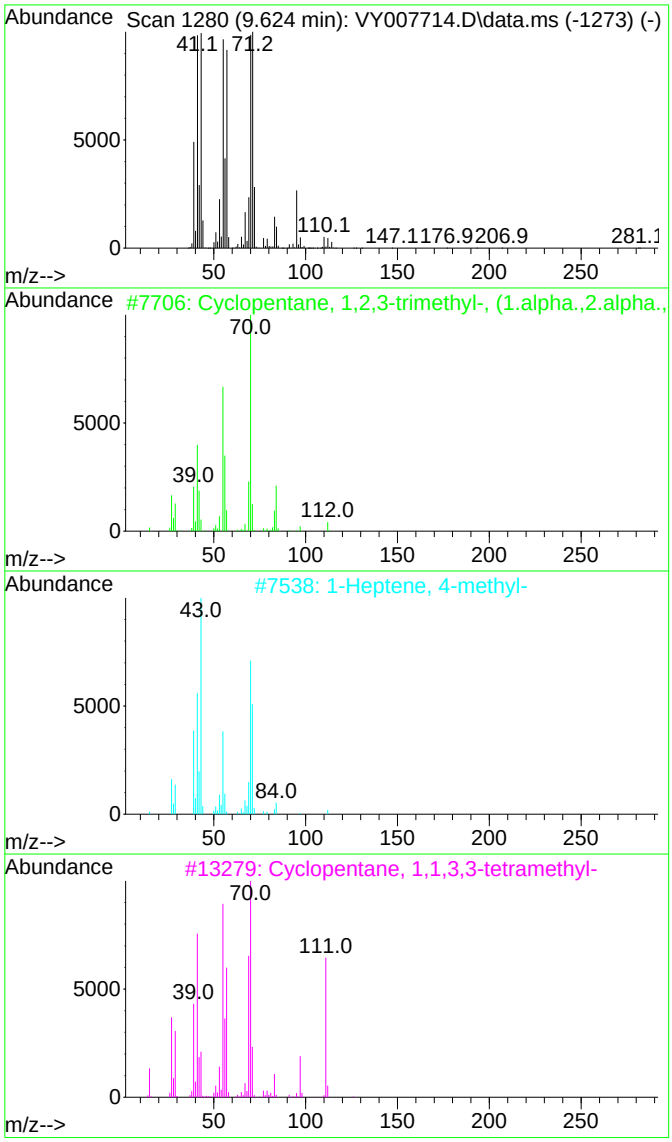
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

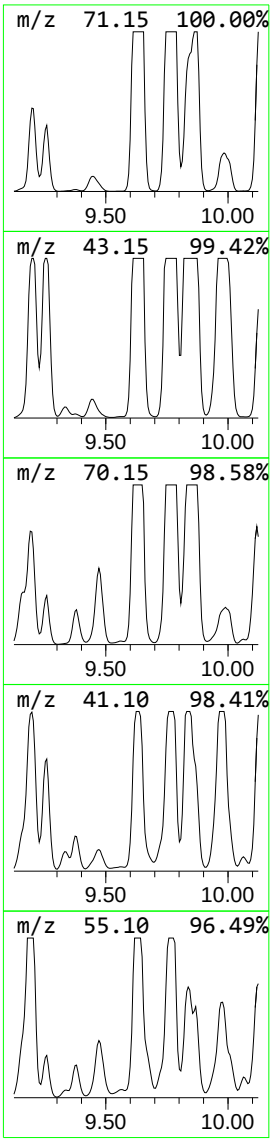
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown9.624 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.624	233.32 ug/l	272605000	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	47
2	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	43
3	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	43
4	1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	35
5	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	35





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MSVOA_Y
ClientSampleId :
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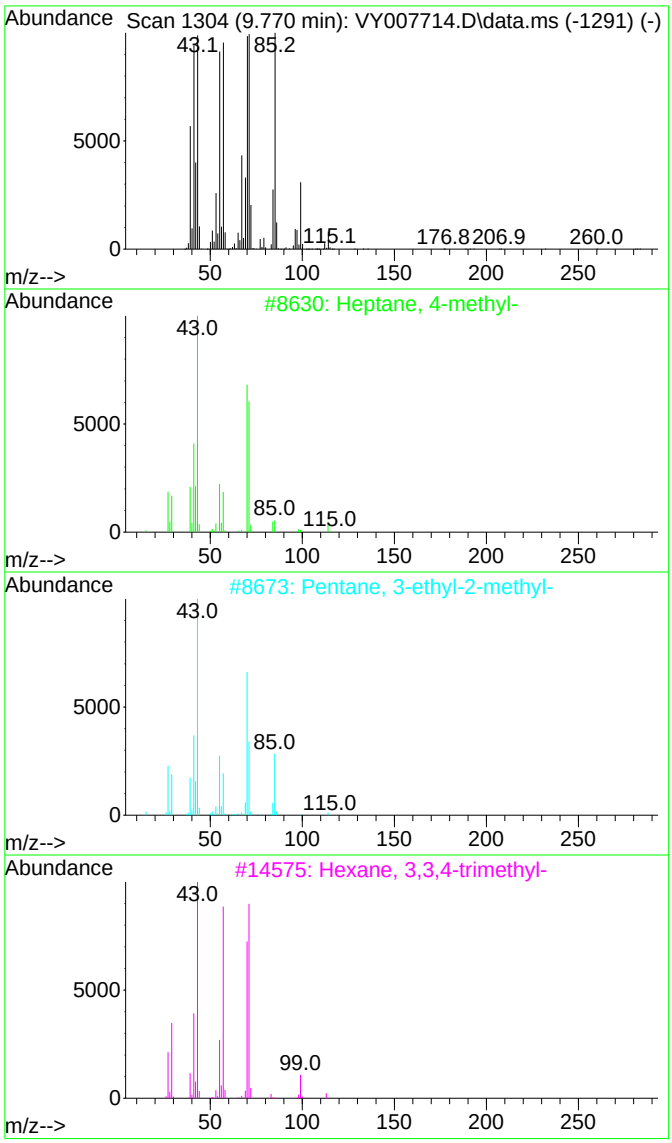
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

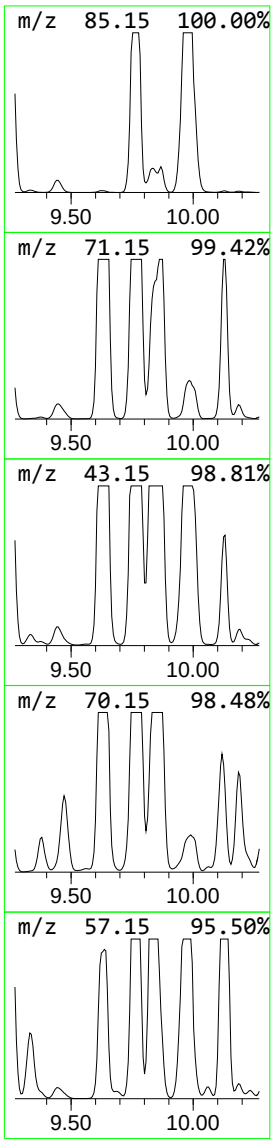
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown9.770 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.770	309.70 ug/l	361845000	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	43
2	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	38
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	35
4	Pyrrolidine	71	C4H9N	000123-75-1	35
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35





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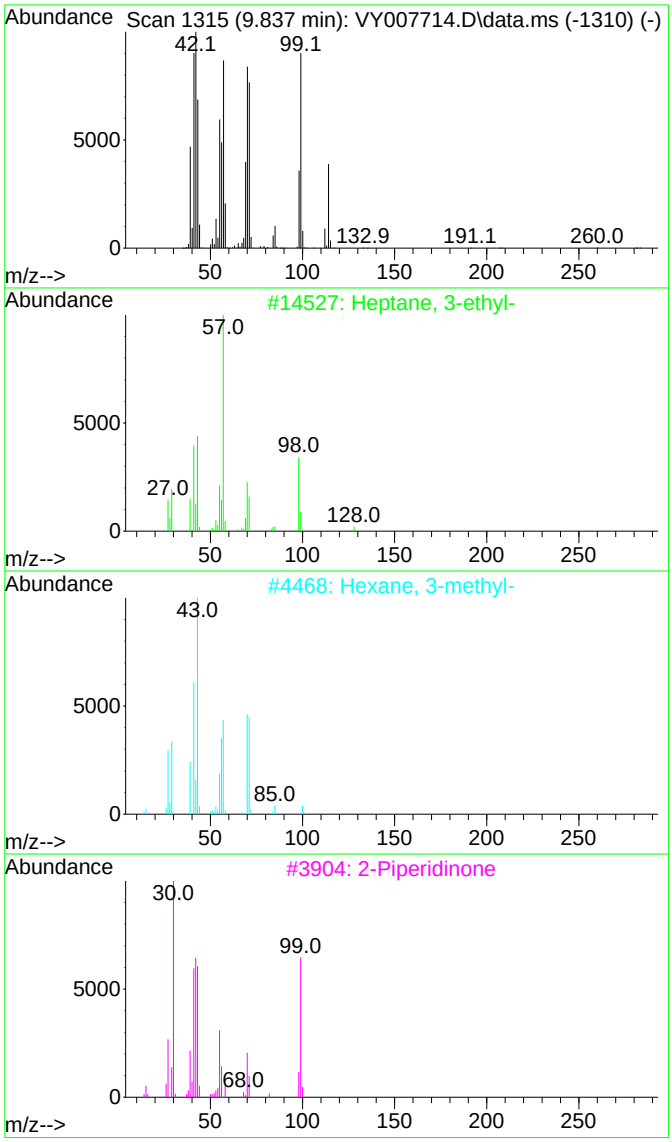
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

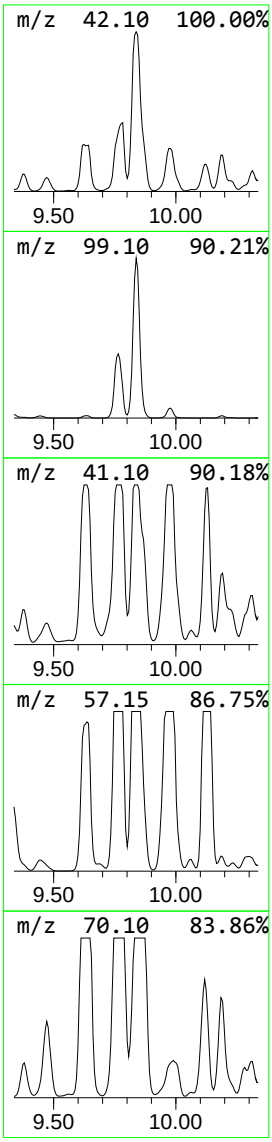
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown9.837 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.837	275.00 ug/l	321304000	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-	128	C9H20	015869-80-4	47
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	45
3	2-Piperidinone	99	C5H9NO	000675-20-7	38
4	Pyrrolidine-2,4-dione	99	C4H5NO2	037772-89-7	35
5	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
Data File : VY007714.D
Acq On : 03 Mar 2022 19:02
Operator : SY/MD
Sample : N1759-01
Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DISP-1

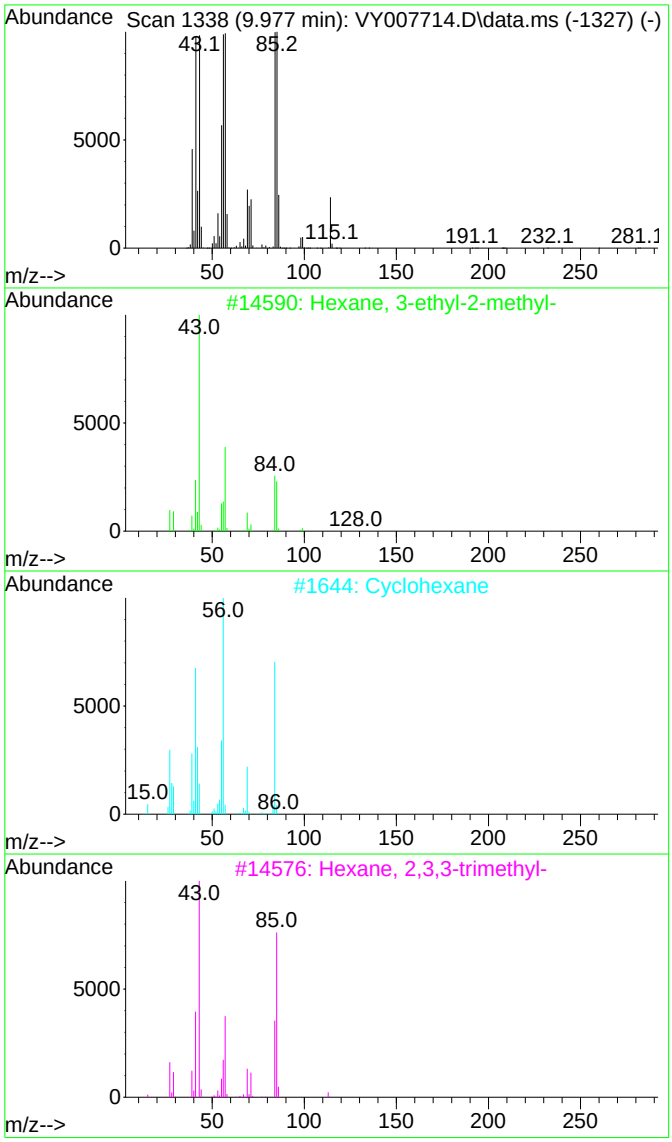
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

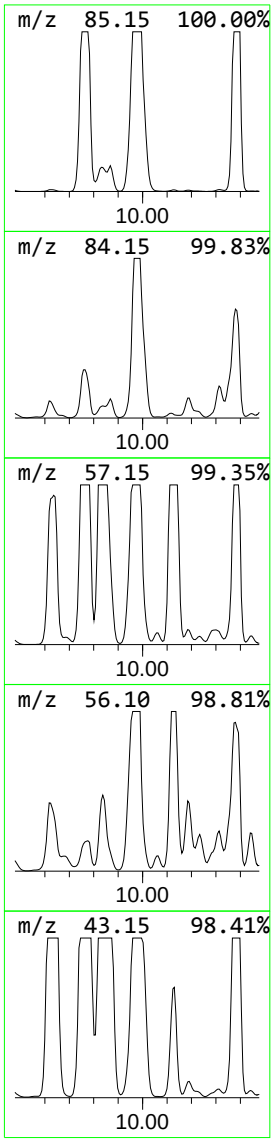
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown9.977 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.977	256.82 ug/l	300054000	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	43
2	Cyclohexane	84	C6H12	000110-82-7	38
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	35
4	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	35
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
Data File : VY007714.D
Acq On : 03 Mar 2022 19:02
Operator : SY/MD
Sample : N1759-01
Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DISP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

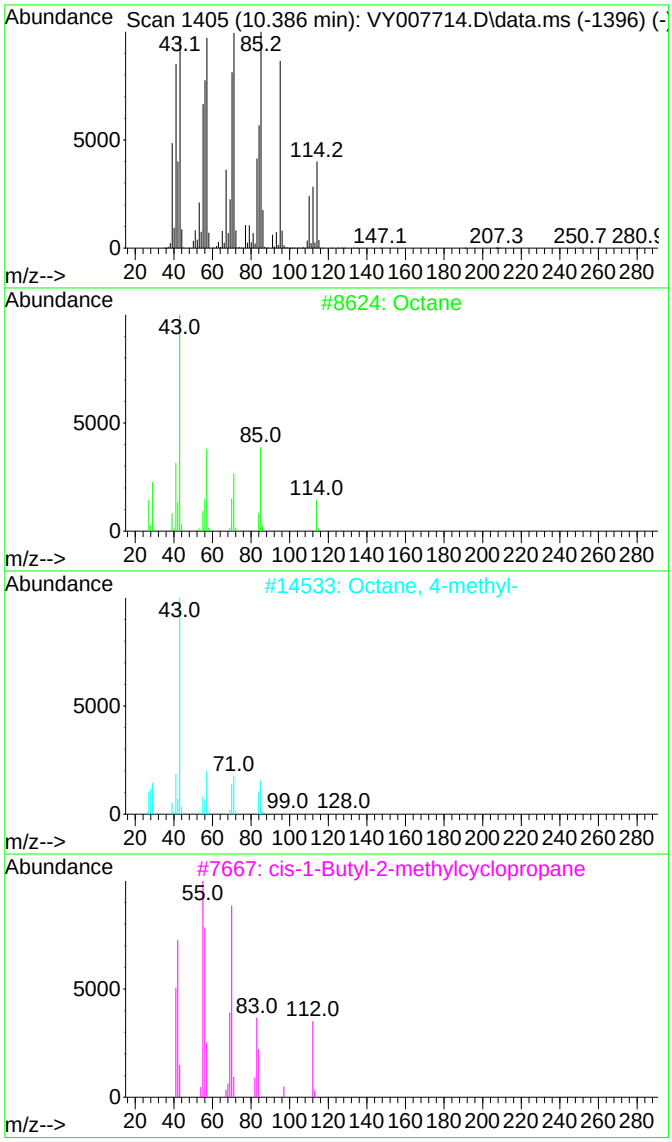
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

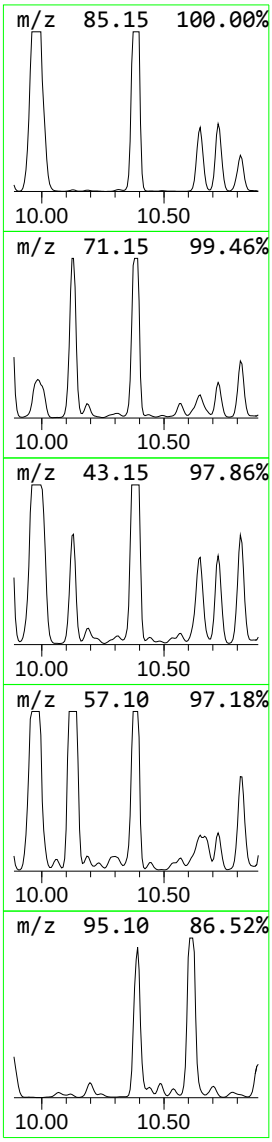
****

Peak Number 7 unknown10.386 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.386	224.70 ug/l	325855000	Chlorobenzene-d5	11.496

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	43
2	Octane, 4-methyl-	128	C9H20	002216-34-4	38
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	27
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	27
5	1-Octene	112	C8H16	000111-66-0	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
Data File : VY007714.D
Acq On : 03 Mar 2022 19:02
Operator : SY/MD
Sample : N1759-01
Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DISP-1

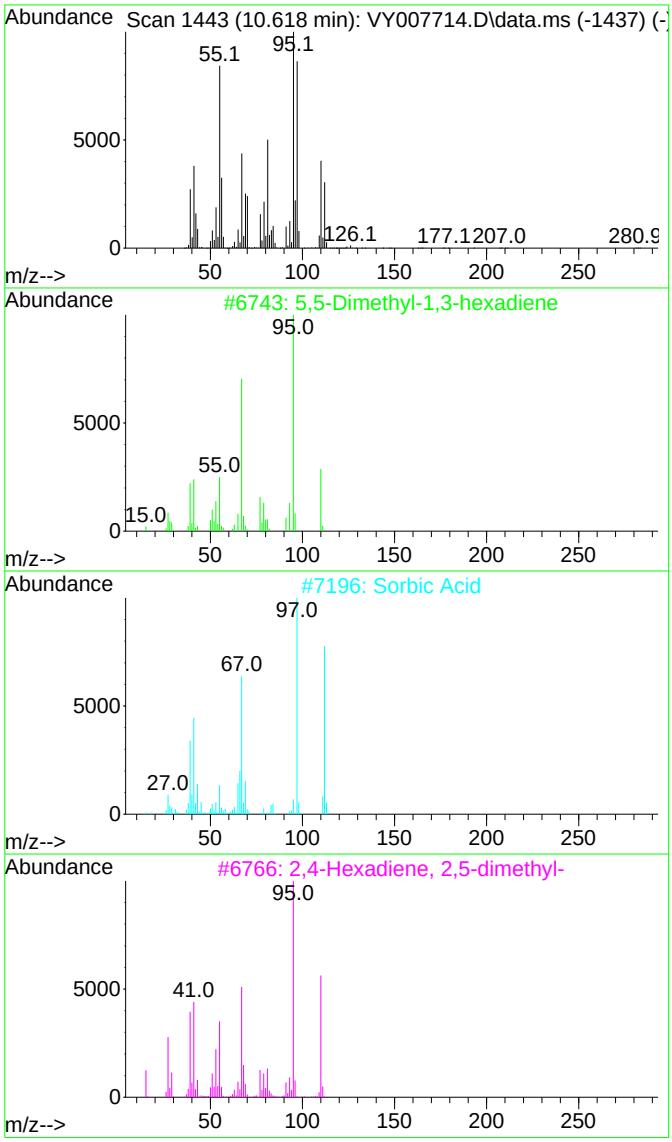
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

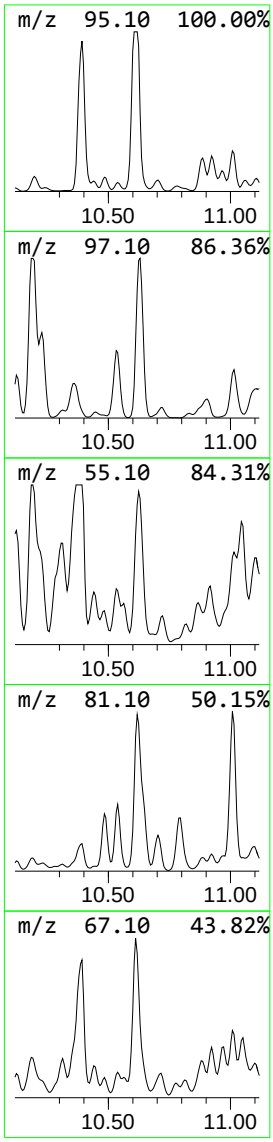
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5,5-Dimethyl-1,3-hexadiene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.618	116.83 ug/l	169424000	Chlorobenzene-d5	11.496

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	50
2	Sorbic Acid	112	C6H8O2	000110-44-1	46
3	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	46
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	46
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
Data File : VY007714.D
Acq On : 03 Mar 2022 19:02
Operator : SY/MD
Sample : N1759-01
Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DISP-1

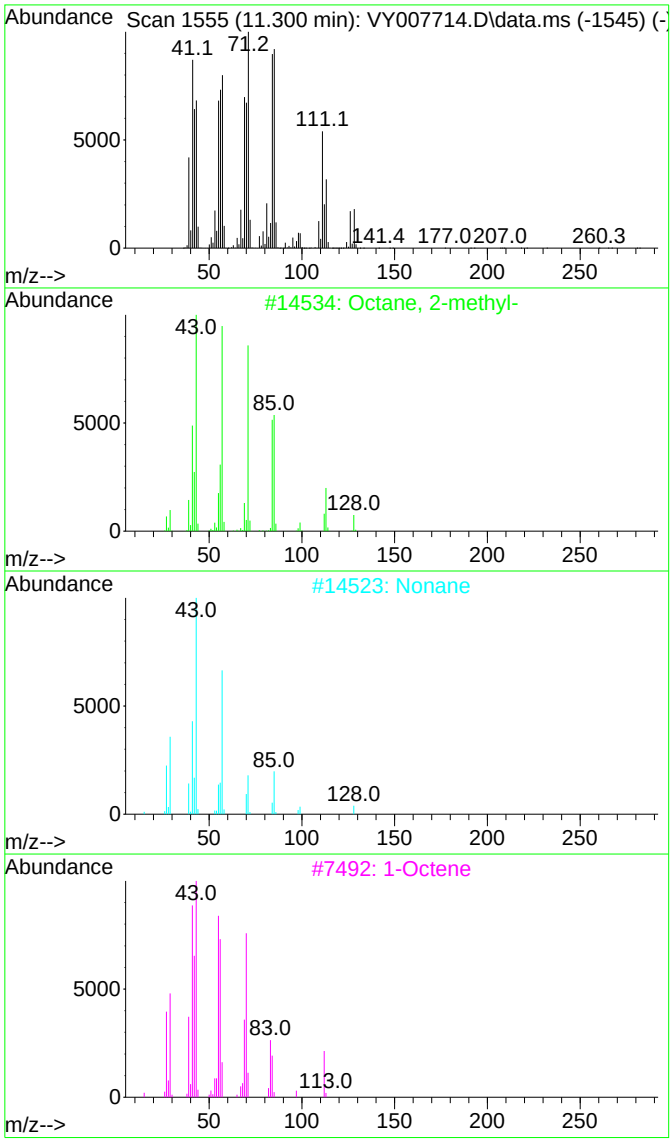
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

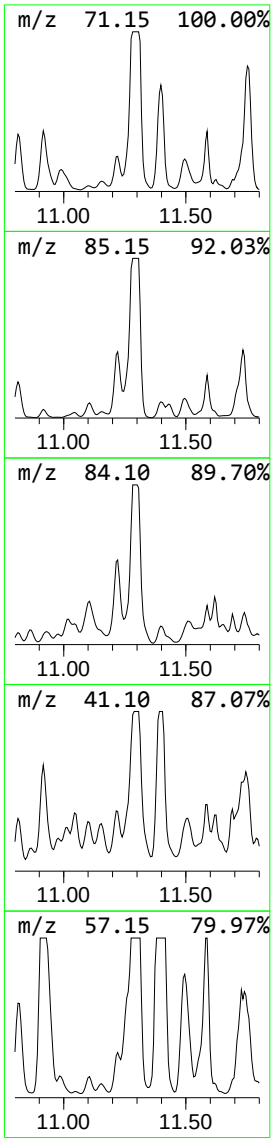
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Octane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.300	262.92 ug/l	381287000	Chlorobenzene-d5	11.496

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	53
2	Nonane	128	C9H20	000111-84-2	52
3	1-Octene	112	C8H16	000111-66-0	38
4	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	38
5	Isobutyl 2-methylpentyl carbonate	202	C11H22O3	1000372-75-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
Data File : VY007714.D
Acq On : 03 Mar 2022 19:02
Operator : SY/MD
Sample : N1759-01
Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DISP-1

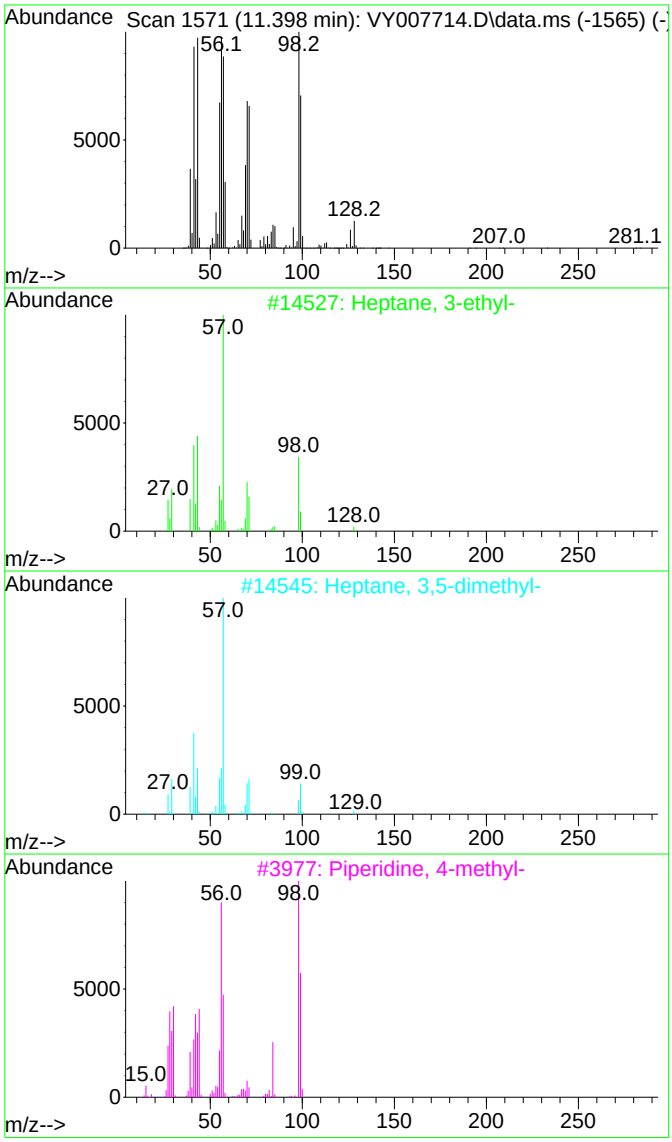
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

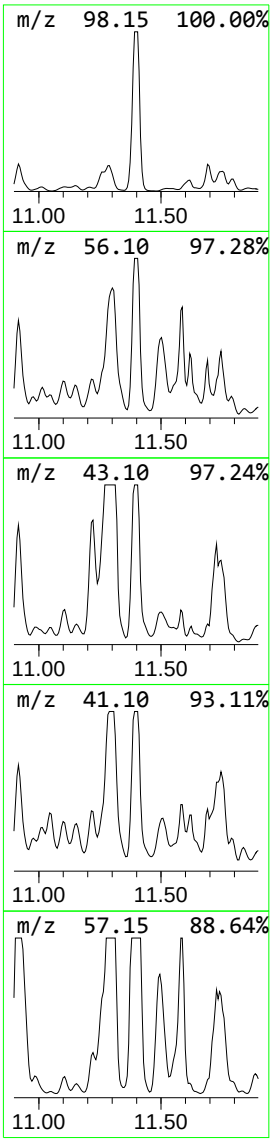
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Heptane, 3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.398	151.70 ug/l	219991000	Chlorobenzene-d5	11.496

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	58
3	Piperidine, 4-methyl-	99	C6H13N	000626-58-4	49
4	3-Methyl-2-pyrrolidinone	99	C5H9NO	002555-05-7	30
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
Data File : VY007714.D
Acq On : 03 Mar 2022 19:02
Operator : SY/MD
Sample : N1759-01
Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DISP-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.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
4-Piperidone	8.356	295.7	ug/l	345451000	2	8.691	58417900	50.0
Heptane	8.557	126.3	ug/l	147620000	2	8.691	58417900	50.0
unknown9.624	9.624	233.3	ug/l	272605000	2	8.691	58417900	50.0
unknown9.770	9.770	309.7	ug/l	361845000	2	8.691	58417900	50.0
unknown9.837	9.837	275.0	ug/l	321304000	2	8.691	58417900	50.0
unknown9.977	9.977	256.8	ug/l	300054000	2	8.691	58417900	50.0
unknown10.386	10.386	224.7	ug/l	325855000	3	11.496	72509500	50.0
5,5-Dimethyl-1,...	10.618	116.8	ug/l	169424000	3	11.496	72509500	50.0
Octane, 2-methyl-	11.300	262.9	ug/l	381287000	3	11.496	72509500	50.0
Heptane, 3-ethyl-	11.398	151.7	ug/l	219991000	3	11.496	72509500	50.0