LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

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\82Y090924S.M
Title : SW846 8260

Signal : TIC: VY019650.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.196	71	78	87	rBV	9697268	14937382	6.69%	0.411%
2	2.830	173	182	218	rVB	42914811	117743832	52.76%	3.241%
3	3.171	230	238	261	rVB	29474923	69292354	31.05%	1.907%
4	3.848	335	349	381	rVB	3493538	11285804	5.06%	0.311%
5	4.659	458	482	530	rVB2	41392384	193799528	86.84%	5.334%
6	5.128	540	559	595	rVB	24631821	90685589	40.64%	2.496%
7	5.451	597	612	628	rBV4	1204355	5104460	2.29%	0.140%
8	5.640	628	643	661	rBV	26152925	82296078	36.88%	2.265%
9	5.927	679	690	695	rBV	1563578	5058149	2.27%	0.139%
10	5.988	695	700	713	rVB	1851239	5396955	2.42%	0.149%
11	6.427	759	772	785	rBV3	3180964	10798855	4.84%	0.297%
12	6.585	785	798	807	rBV	20051232	65465833	29.34%	1.802%
13	6.689	807	815	826	rVB	14549508	42932212	19.24%	1.182%
14	7.439	930	938	947	rVB	3235320	8881418	3.98%	0.244%
15	7.683	968	978	987	rBV2	35936135	92661219	41.52%	2.550%
16	7.793	987	996	1007	rVB	40028614	102327840	45.85%	2.816%
17	7.921	1007	1017	1035	rVB	40203221	95534822	42.81%	2.629%
18	8.201	1054	1063	1064	rBV3	11658679	23431584	10.50%	0.645%
19	8.256	1064	1072	1081	rVV4	49643511	159078845	71.28%	4.378%
20	8.341	1081	1086	1097	rVB	7711329	18343630	8.22%	0.505%
21	8.469	1097	1107	1121	rVB	25180377	54492391	24.42%	1.500%
22	8.609	1121	1130	1135	rBV2	6982736	16394011	7.35%	0.451%
23	8.884	1163	1175	1179	rBV5	1963890	6636728	2.97%	0.183%
24	9.109	1196	1212	1218	rBV2	32128559	82314832	36.89%	2.266%
25	9.170	1218	1222	1229	rVB	17890257	32269264	14.46%	0.888%
26	9.250	1229	1235	1238	rBV	4870359	9252992	4.15%	0.255%
27	9.292	1238	1242	1248	rVB	5669300	10135759	4.54%	0.279%
28	9.390	1248	1258	1265	rVB2	4221767	11492477	5.15%	0.316%
29	9.542	1276	1283	1294	rBV	36034290	74630949	33.44%	2.054%
30	9.676	1294	1305	1312	rBV3	48101555	111359170	49.90%	3.065%
31	9.749	1312	1317	1321	rBV	20963379	38317406	17.17%	1.055%
32	9.890	1330	1340	1351	rBV	27259134	64214759	28.78%	1.767%
33	10.042	1359	1365	1370	rVV	17019350	31660280	14.19%	0.871%
34	10.103	1370	1375	1379	rVV	7103857	13620609	6.10%	0.375%
35	10.170	1379	1386	1392	rVV	23987130	47440417	21.26%	1.306%
36	10.225	1392	1395	1399	rVV3	3965665	7391263	3.31%	0.203%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

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\82Y090924S.M
Title : SW846 8260

37	10.298	1399	1407	1413	rVV	22623212	44447592	19.92%	1.223%
38	10.536	1441	1446	1458	rVV5	5824909	20593611	9.23%	0.567%
39	10.640	1458	1463	1468	rVB2	4725862	7871375	3.53%	0.217%
40	10.731	1468	1478	1483	rBV	4921751	9283622	4.16%	0.256%
41	10.835	1489	1495	1502	rVV	8113301	17969055	8.05%	0.495%
42	10.896	1502	1505	1508	rVV3	2608270	4795970	2.15%	0.132%
43	10.963	1513	1516	1520	rVV	3375646	5472566	2.45%	0.151%
44	11.018	1520	1525	1530	rVV2	3319227	7071772	3.17%	0.195%
45	11.133	1539	1544	1548	rVV	4552282	8675481	3.89%	0.239%
46	11.207	1548	1556	1567	rVV2	19639645	45247316	20.28%	1.245%
47	11.310	1567	1573	1583	rVV	15204281	26460318	11.86%	0.728%
48	11.408	1584	1589	1596	rVV2	2557934	6749677	3.02%	0.186%
49	11.517	1600	1607	1616	rVV2	50432068	93164571	41.75%	2.564%
50	11.639	1616	1627	1636	rVV5	78664558	223159118	100.00%	6.142%
51	11.859	1659	1663	1668	rVV4	3122693	5911535	2.65%	0.163%
52	11.956	1668	1679	1687	rVV2	66726050	127844322	57.29%	3.519%
53	12.048	1687	1694	1698	rVB	4094489	6908249	3.10%	0.190%
54	12.127	1698	1707	1710	rBV2	3179962	6214984	2.79%	0.171%
55	12.255	1723	1728	1732	rBV	9905551	15668346	7.02%	0.431%
56	12.340	1739	1742	1744	rVV	4071362	5411035	2.42%	0.149%
57	12.371	1744	1747	1756	rVB2	6195421	13377690	5.99%	0.368%
58	12.450	1756	1760	1764	rVB	6017148	7539004	3.38%	0.207%
59	12.597	1773	1784	1789	rBV	31647076	53944520	24.17%	1.485%
60	12.664	1789	1795	1798	rBV2	60853987	109407259	49.03%	3.011%
61	12.694	1798	1800	1803	rVV2	32643437	38817141	17.39%	1.068%
62	12.737	1803	1807	1813	rVB2	49976421	76260994	34.17%	2.099%
63	12.895	1826	1833	1841	rBV	29041500	51172448	22.93%	1.408%
64	12.962	1841	1844	1851	rVB2	4349215	6669970	2.99%	0.184%
65	13.048	1851	1858	1863	rBV3	73965261	135958212	60.92%	3.742%
66	13.157	1870	1876	1877	rBV3	5017886	8106203	3.63%	0.223%
67	13.237	1882	1889	1893	rVV3	7500451	14639232	6.56%	0.403%
68	13.285	1893	1897	1900	rVV2	6010356	8885377	3.98%	0.245%
69	13.322	1900	1903	1905	rVV	3822082	4881887	2.19%	0.134%
70	13.377	1905	1912	1917	rVV	28276272	51870015	23.24%	1.428%
71	13.426	1917	1920	1926	rVB2	5647572	8507233	3.81%	0.234%
72	13.511	1927	1934	1936	rBV	12198802	18466174	8.27%	0.508%
73	13.548	1936	1940	1943	rVV	35882656	56436284	25.29%	1.553%
74	13.590	1943	1947	1956	rVV3	23771190	49453003	22.16%	1.361%
75	13.676	1956	1961	1965	rVV	21876248	30864305	13.83%	0.849%
76	13.743	1965	1972	1977	rVV	7928204	15393527	6.90%	0.424%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

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\82Y090924S.M
Title : SW846 8260

77	13.804	1977	1982	1985	rVV	12398609	21791130	9.76%	0.600%
78	13.834	1985	1987	1992	rVV	13236986	17664341	7.92%	0.486%
79	13.889	1992	1996	2001	rVV	27365678	41248492	18.48%	1.135%
80	13.944	2001	2005	2009	rVB2	3450518	5885263	2.64%	0.162%
81	13.999	2009	2014	2019	rVB	13947593	20736169	9.29%	0.571%
82	14.066	2019	2025	2030	rVB6	2818964	5795859	2.60%	0.160%
83	14.133	2030	2036	2038	rBV	4854231	8640172	3.87%	0.238%
84	14.163	2038	2041	2043	rVV3	5111853	8587111	3.85%	0.236%
85	14.212	2044	2049	2052	rVV	13595391	28212785	12.64%	0.776%
86	14.255	2053	2056	2060	rVV	11728046	16866572	7.56%	0.464%
87	14.304	2060	2064	2067	rVV2	8327751	12113473	5.43%	0.333%
88	14.340	2067	2070	2074	rVB	3935901	5062751	2.27%	0.139%
89	14.480	2089	2093	2097	rVV	9267082	14354330	6.43%	0.395%
90	14.529	2097	2101	2106	rVB	19395016	24652772	11.05%	0.679%
91	14.596	2106	2112	2117	rBV3	17033880	35078030	15.72%	0.965%
92	14.651	2117	2121	2127	rVB2	8107736	13847426	6.21%	0.381%
93	14.858	2151	2155	2158	rBV3	4022138	5522142	2.47%	0.152%
94	14.962	2166	2172	2177	rBV5	4103588	8298287	3.72%	0.228%
95	15.047	2182	2186	2192	rVB3	3608030	6076098	2.72%	0.167%
96	15.139	2192	2201	2207	rBV2	10658267	24608942	11.03%	0.677%
97	15.340	2230	2234	2241	rVB	8148174	12361760	5.54%	0.340%
98	15.425	2242	2248	2255	rVV4	2003872	5503734	2.47%	0.151%
99	16.175	2364	2371	2377	rBV	4041684	7652370	3.43%	0.211%
100	16.364	2395	2402	2415	rVB	2834248	6571048	2.94%	0.181%

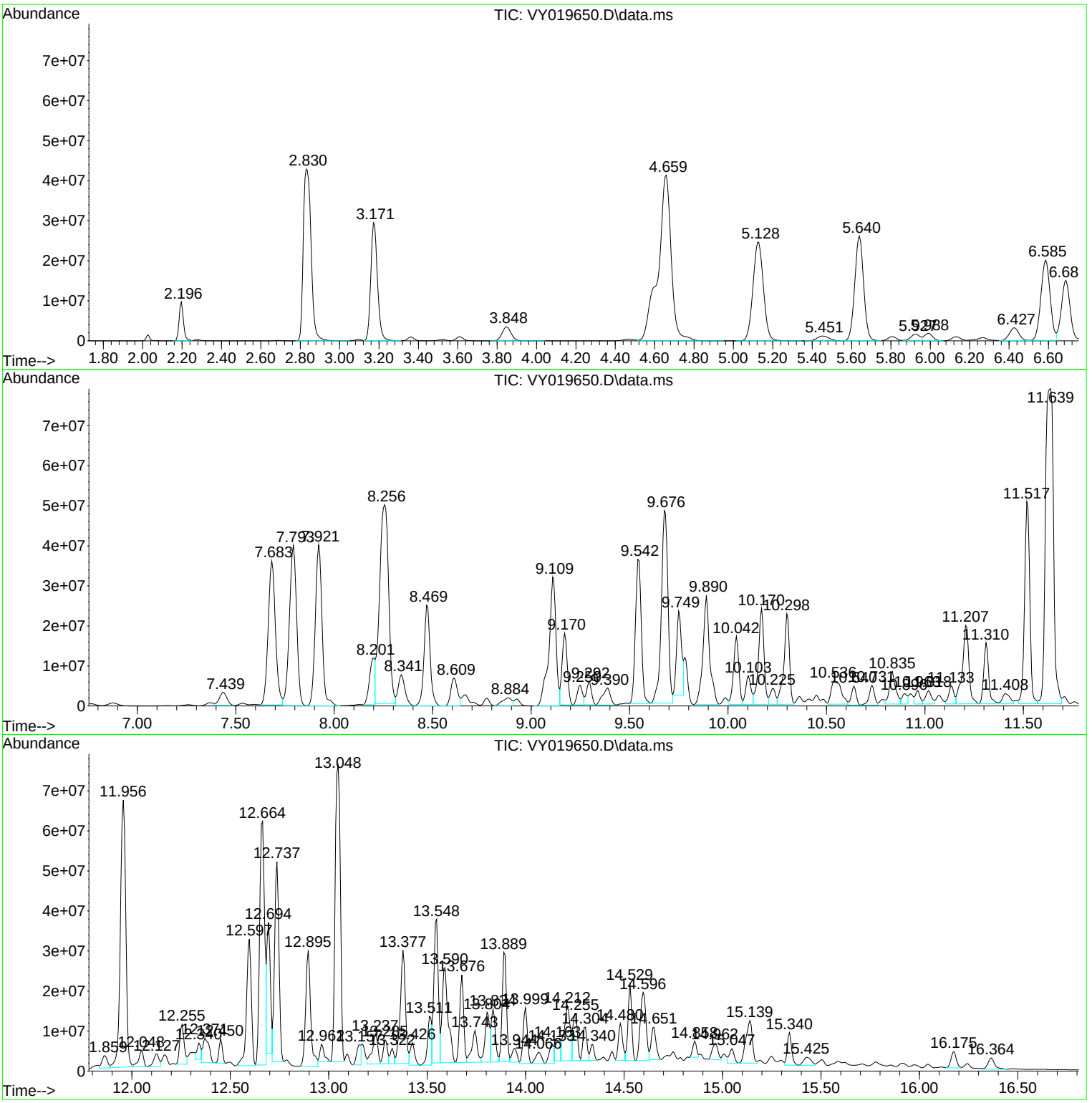
Sum of corrected areas: 3633381746

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

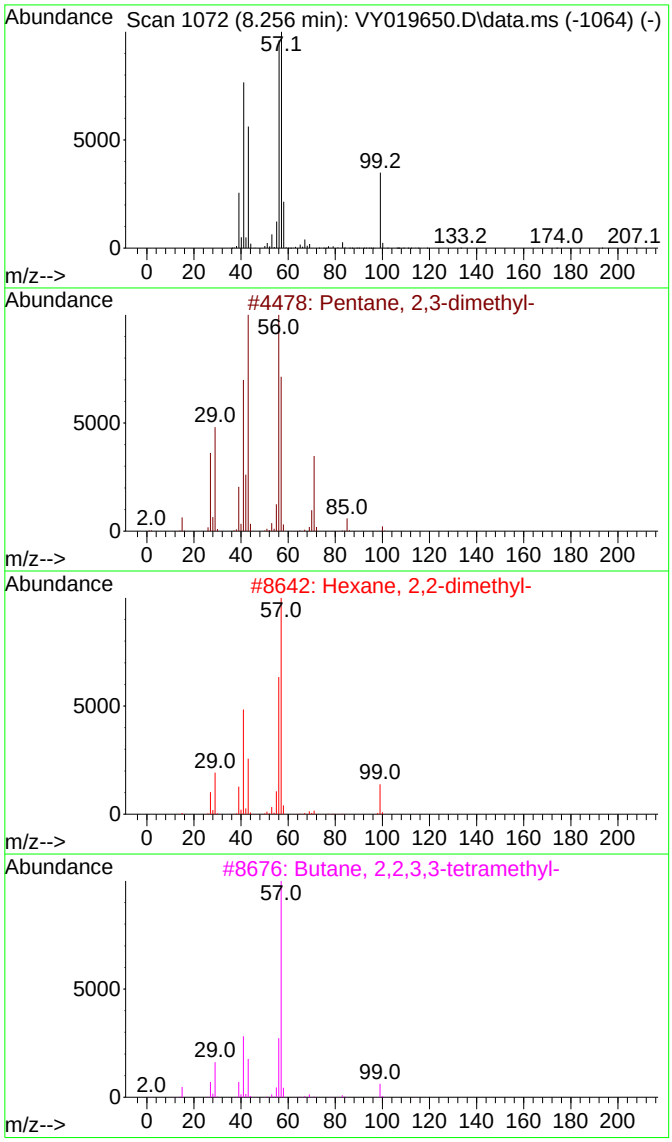
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

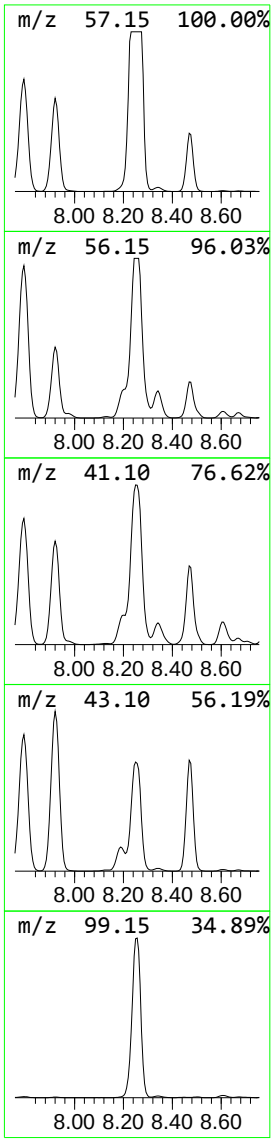
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.256	485.17 ug/l	159079000	1,4-Difluorobenzene	8.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	45
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	43
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	43
5	Acetamide, N-ethenyl-N-methyl-	99	C5H9NO	003195-78-6	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

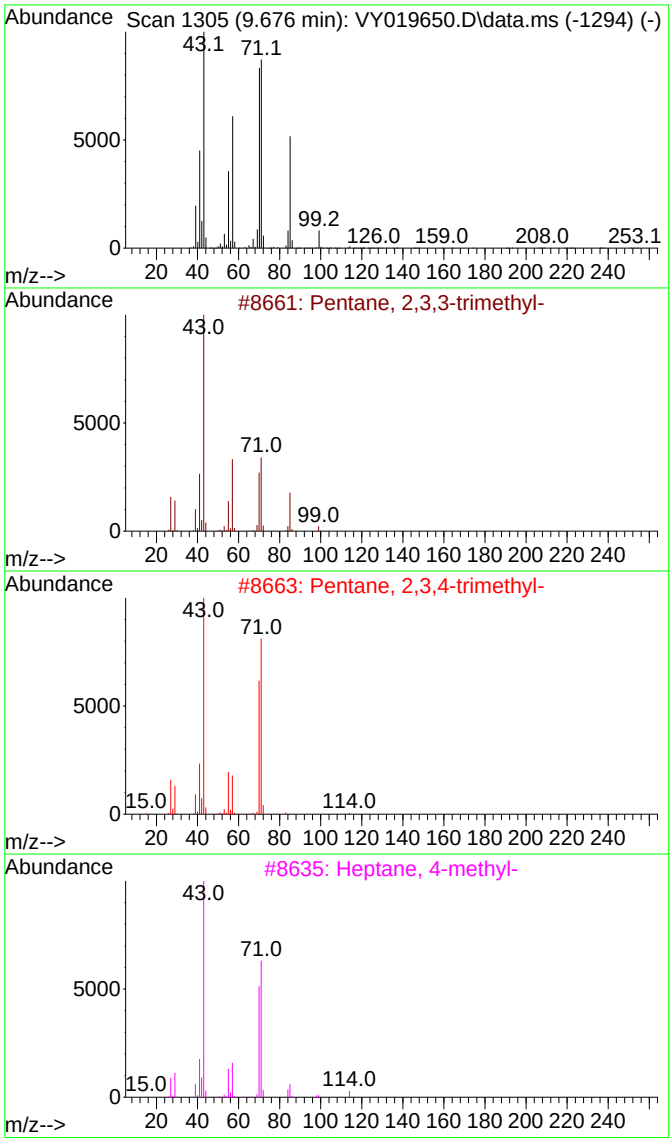
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

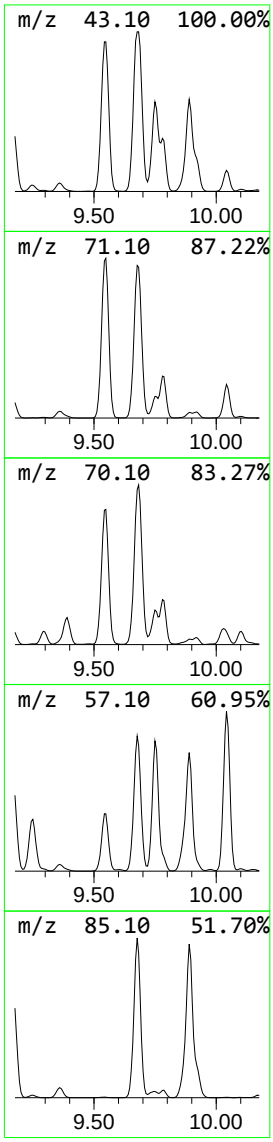
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2,3,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.676	339.63 ug/l	111359000	1,4-Difluorobenzene	8.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Diisoamyl ether	158	C10H22O	000544-01-4	59
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

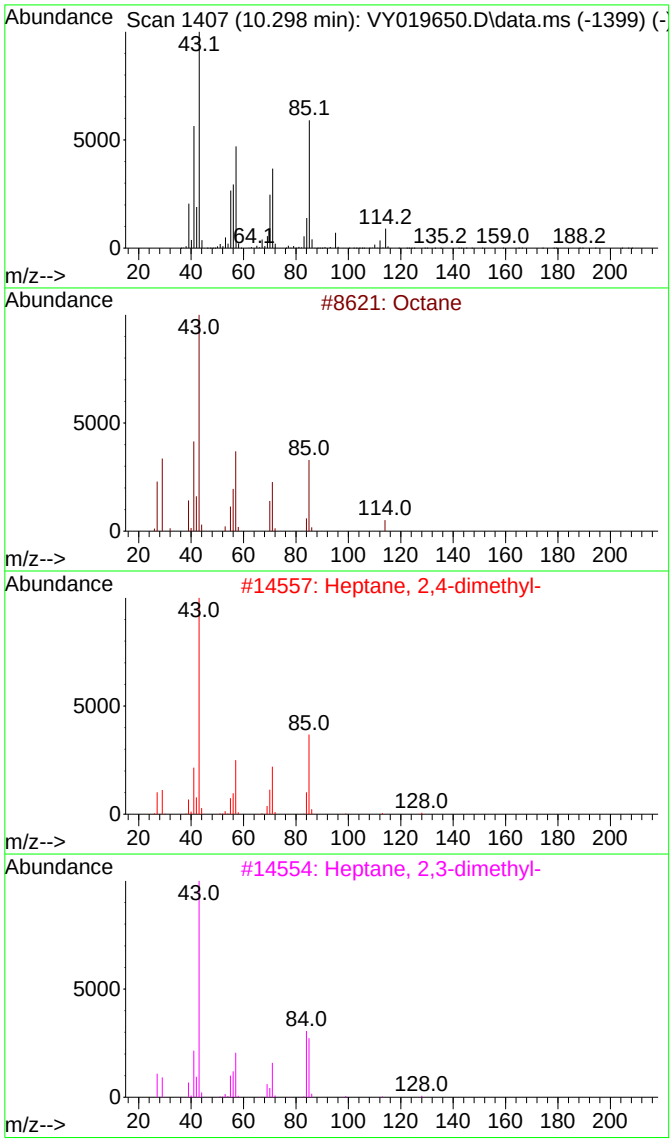
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

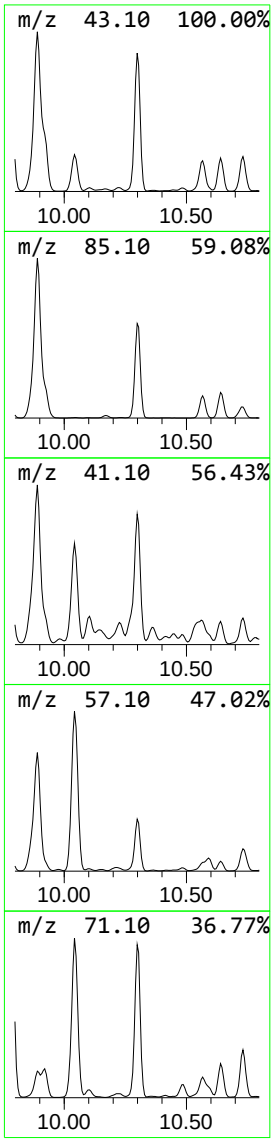
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	329.26 ug/l	44447600	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	87
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	50
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

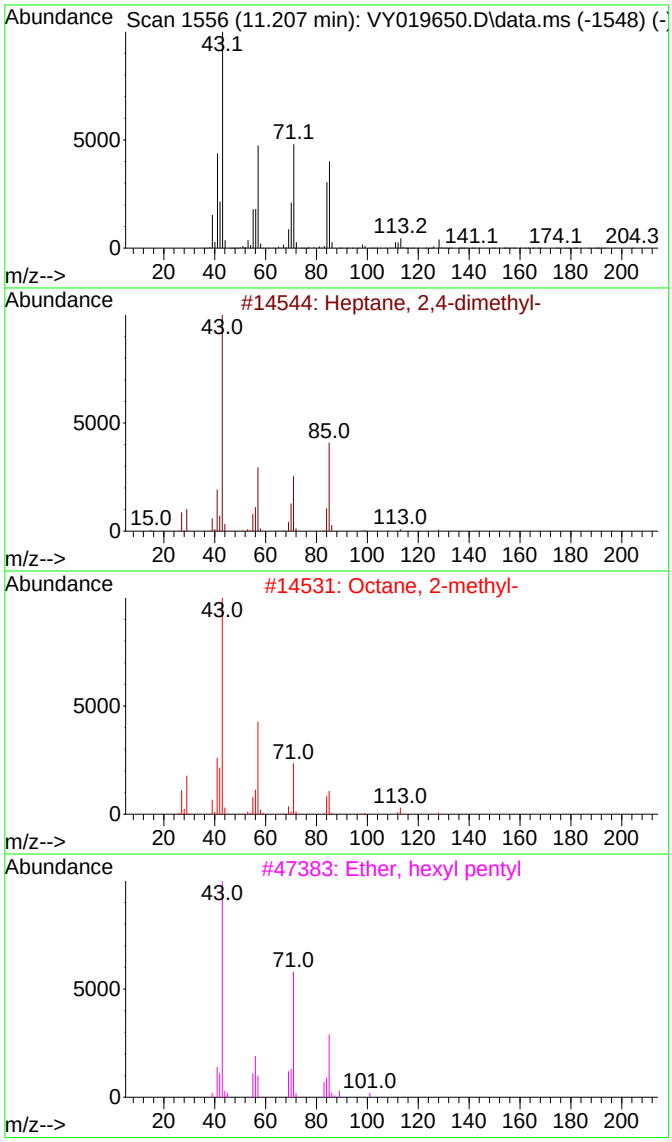
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

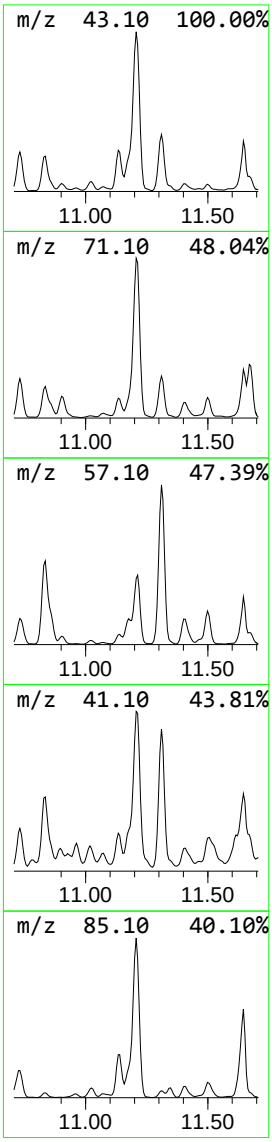
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptane, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.207	335.18 ug/l	45247300	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2	Octane, 2-methyl-	128	C9H20	003221-61-2	64
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

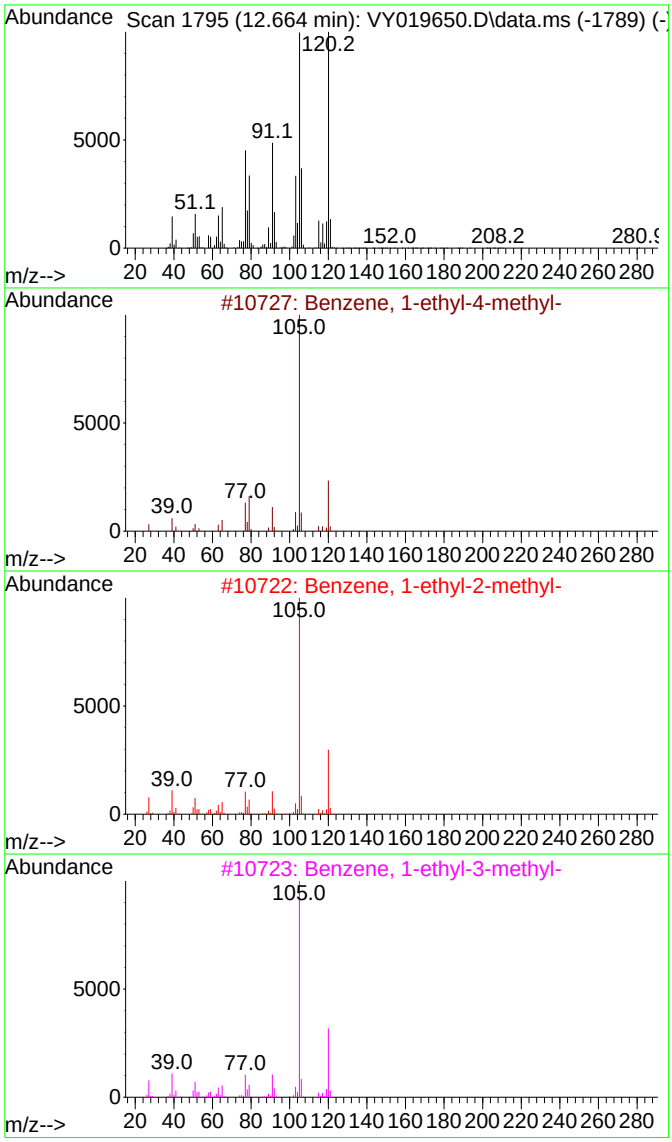
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

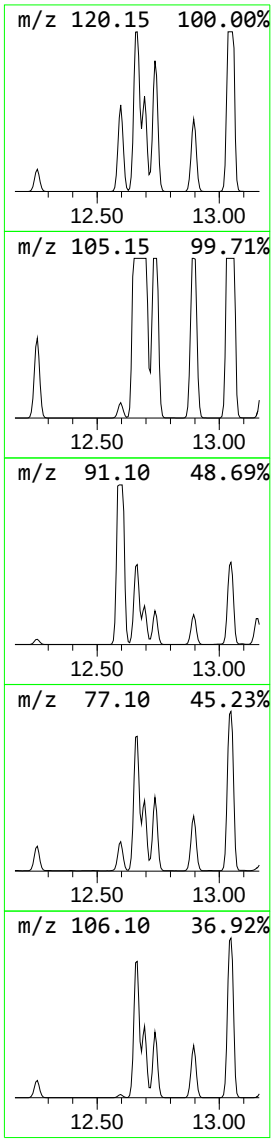
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.664	1120.54 ug/l	109407000	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Cyclohexane, 1,2,4-tris(methylene)-	120	C9H12	014296-81-2	80
5	1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

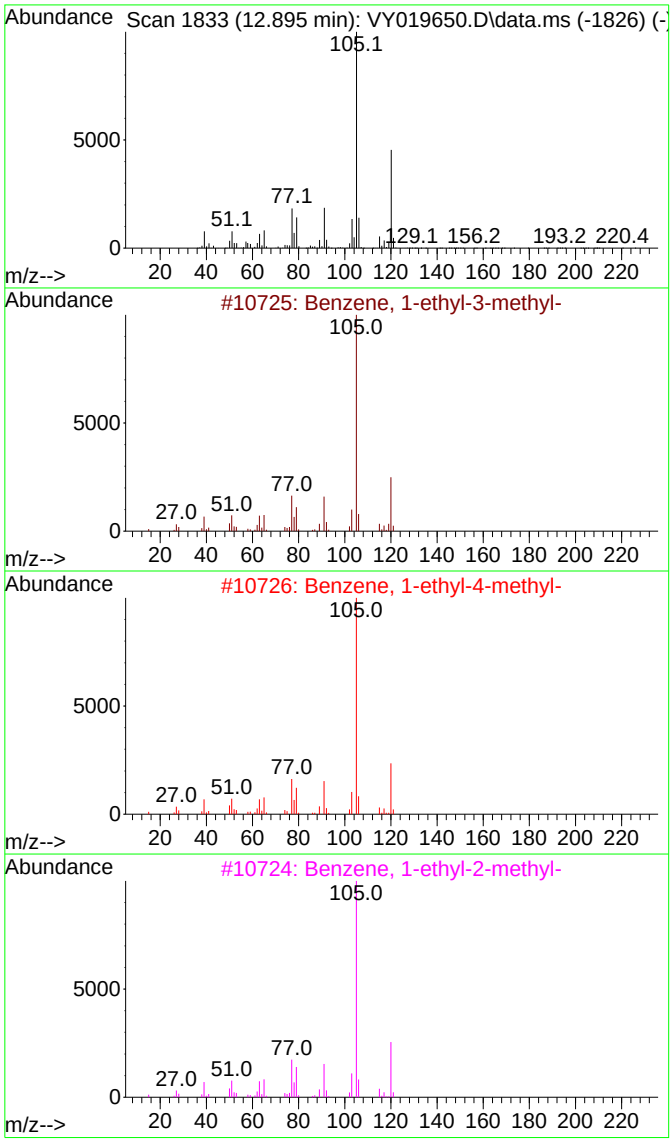
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

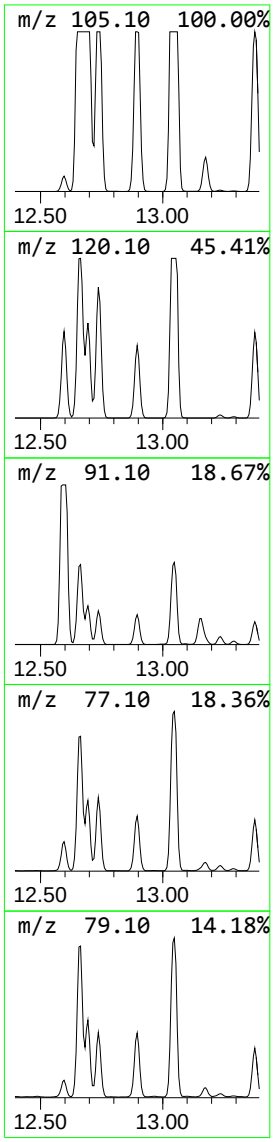
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.895	524.11 ug/l	51172400	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

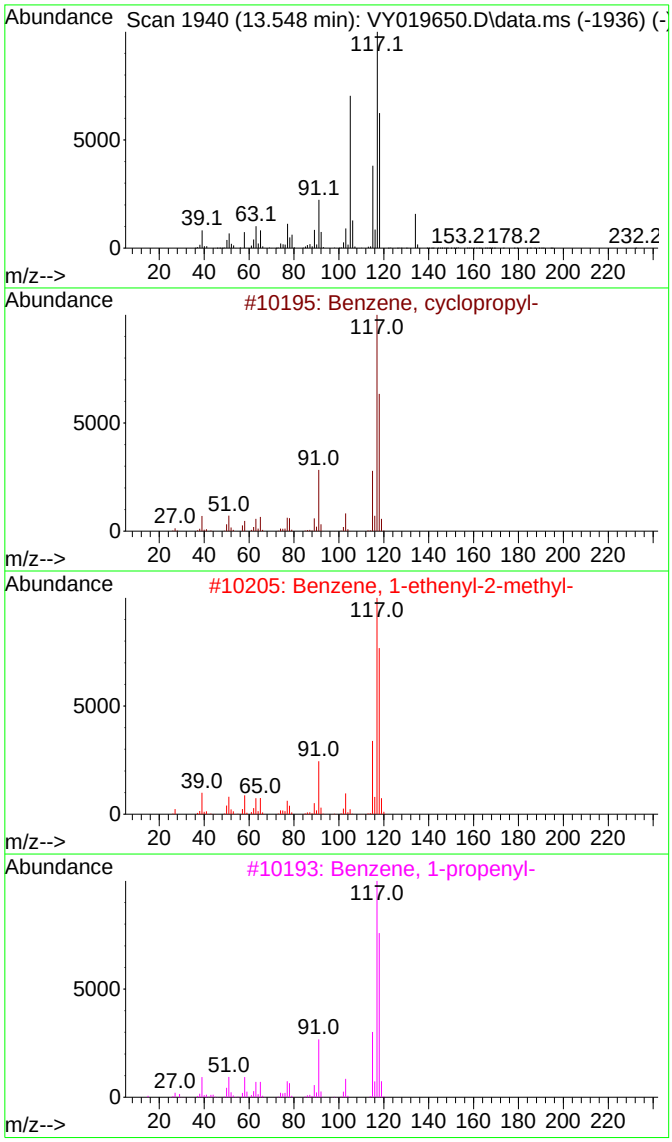
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

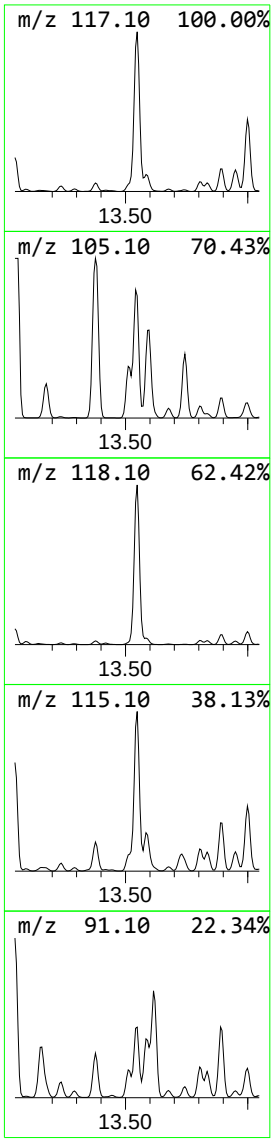
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, cyclopropyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.548	578.02 ug/l	56436300	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

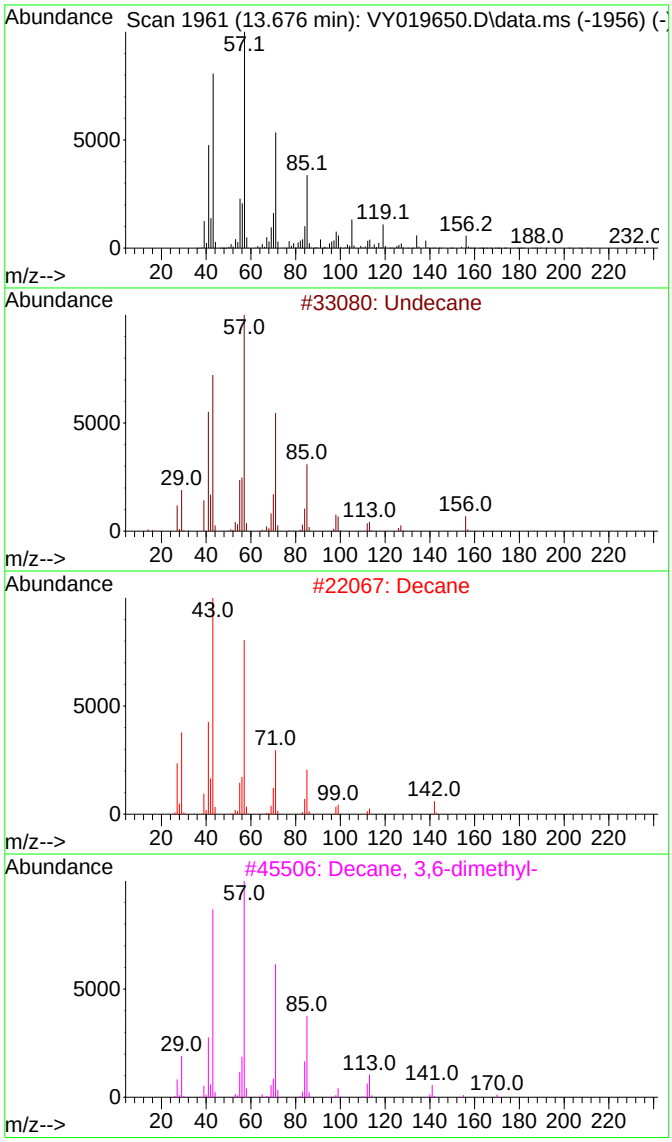
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

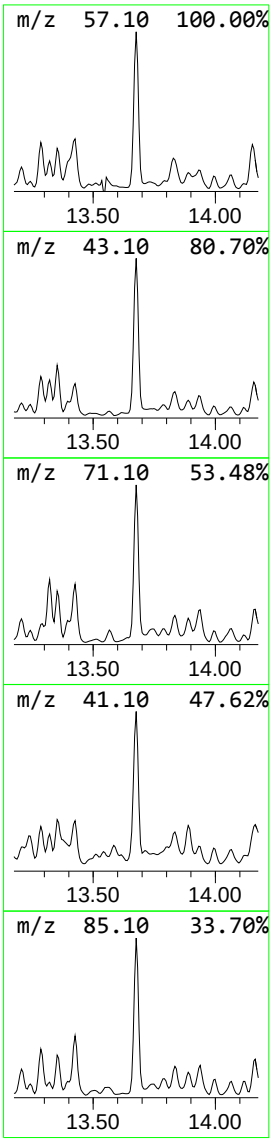
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	316.11 ug/l	30864300	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	96
2	Decane	142	C10H22	000124-18-5	72
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62
4	Tridecane	184	C13H28	000629-50-5	58
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

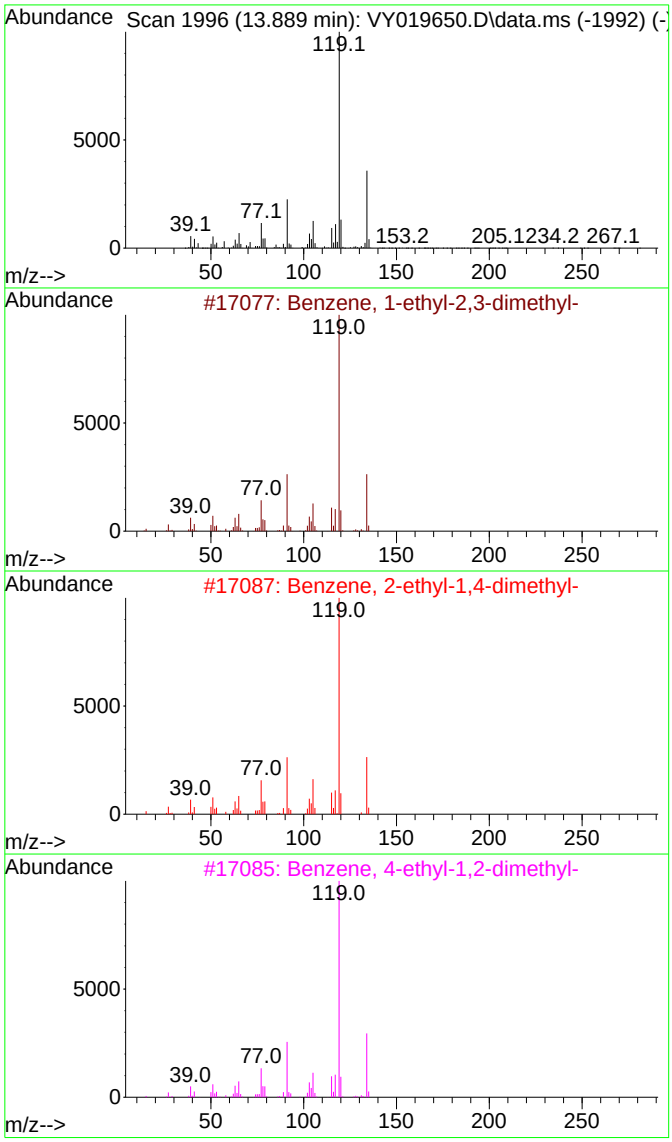
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

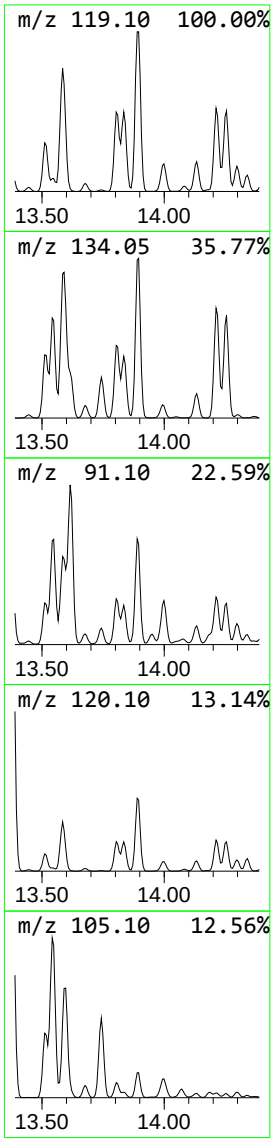
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	422.46 ug/l	41248500	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

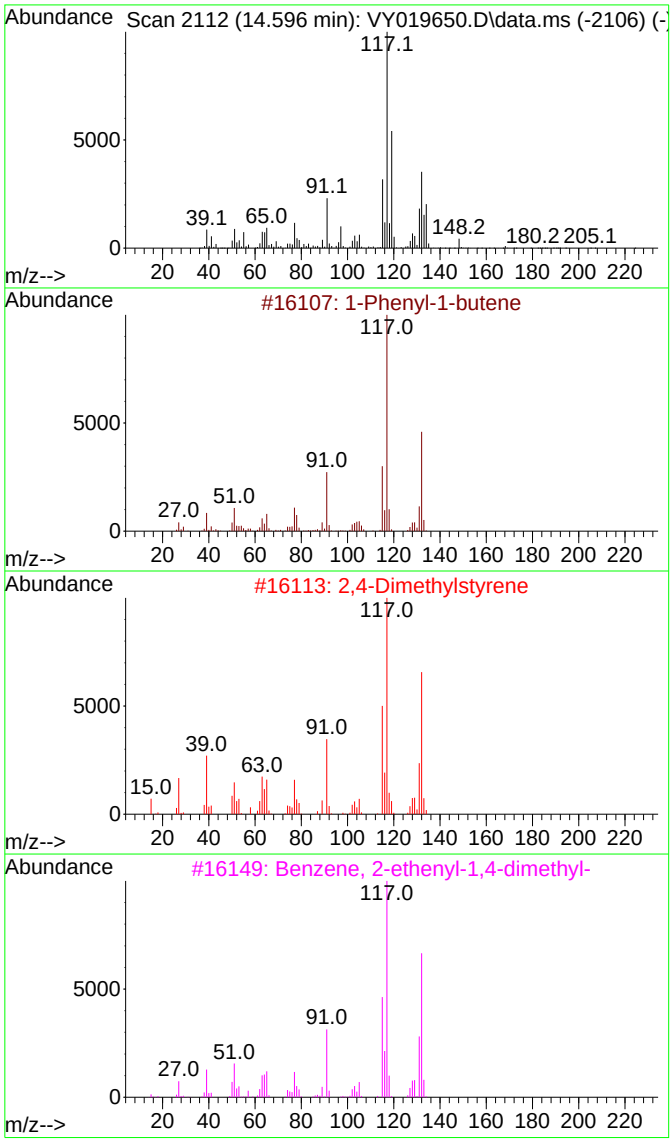
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

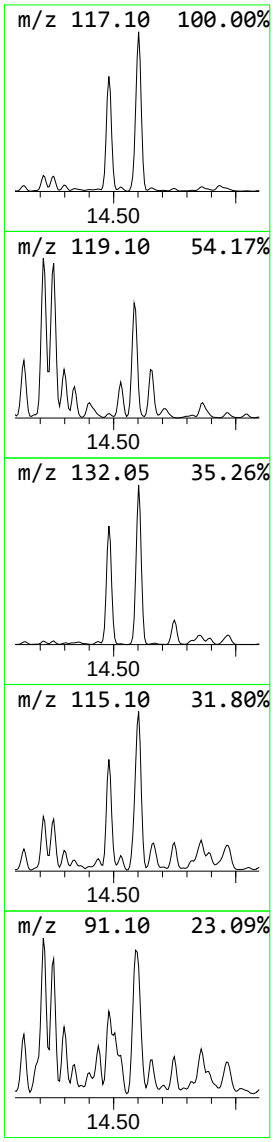
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.596	359.27 ug/l	35078000	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019650.D
Acq On : 20 Sep 2024 16:56
Operator : SY/MD
Sample : P4103-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.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
Pentane, 2,3-di...	8.256	485.2	ug/l	159079000	2	8.609	16394000	50.0
Pentane, 2,3,3-...	9.676	339.6	ug/l	111359000	2	8.609	16394000	50.0
Octane	10.298	329.3	ug/l	44447600	3	11.414	6749680	50.0
Heptane, 2,4-di...	11.207	335.2	ug/l	45247300	3	11.414	6749680	50.0
Benzene, 1-ethy...	12.664	1120.5	ug/l	109407000	4	13.346	4881890	50.0
Benzene, 1-ethy...	12.895	524.1	ug/l	51172400	4	13.346	4881890	50.0
Benzene, cyclop...	13.548	578.0	ug/l	56436300	4	13.346	4881890	50.0
Undecane	13.676	316.1	ug/l	30864300	4	13.346	4881890	50.0
Benzene, 1-ethy...	13.889	422.5	ug/l	41248500	4	13.346	4881890	50.0
1-Phenyl-1-butene	14.596	359.3	ug/l	35078000	4	13.346	4881890	50.0