LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
Data File : VY016457.D
Acq On : 22 Nov 2023 13:13
Operator : SY/MD
Sample : 05449-02
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-SED-01-G

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\82Y110823S.M
Title : SW846 8260

Signal : TIC: VY016457.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	17	rVB2	12878	20133	3.73%	0.490%
2	2.223	60	66	76	rBV	52016	86425	16.03%	2.104%
3	2.387	87	93	101	rBV	12473	21281	3.95%	0.518%
4	3.387	251	257	270	rBV	3776	11695	2.17%	0.285%
5	3.954	339	350	360	rBV	10661	29051	5.39%	0.707%
6	4.204	379	391	405	rBV	38803	111736	20.72%	2.720%
7	4.728	465	477	485	rBV	10326	32613	6.05%	0.794%
8	5.765	637	647	657	rVB3	6312	18818	3.49%	0.458%
9	7.002	841	850	862	rBV3	5434	20707	3.84%	0.504%
10	7.728	959	969	974	rBV2	58625	136302	25.28%	3.318%
11	7.801	974	981	992	rVB	128511	290848	53.93%	7.080%
12	8.155	1026	1039	1054	rVB2	80129	194673	36.10%	4.739%
13	8.331	1061	1068	1076	rBV3	3847	9673	1.79%	0.235%
14	8.606	1109	1113	1120	rVB4	3899	7442	1.38%	0.181%
15	8.697	1120	1128	1147	rVB	199436	392663	72.81%	9.558%
16	8.935	1158	1167	1177	rBV2	19217	42692	7.92%	1.039%
17	9.185	1205	1208	1215	rVB5	2944	5597	1.04%	0.136%
18	9.990	1331	1340	1347	rVB4	6245	14060	2.61%	0.342%
19	10.191	1365	1373	1380	rBV	317480	539271	100.00%	13.127%
20	10.252	1380	1383	1390	rVB	5023	9039	1.68%	0.220%
21	10.380	1395	1404	1411	rVB4	6568	12020	2.23%	0.293%
22	10.947	1492	1497	1505	rVB5	2861	5589	1.04%	0.136%
23	11.325	1556	1559	1565	rVB4	3896	6352	1.18%	0.155%
24	11.502	1579	1588	1598	rBV	305662	504851	93.62%	12.289%
25	11.709	1612	1622	1634	rVV3	7430	19545	3.62%	0.476%
26	12.038	1666	1676	1682	rBV5	4037	9269	1.72%	0.226%
27	12.343	1719	1726	1733	rBV	121613	206509	38.29%	5.027%
28	12.489	1743	1750	1761	rVB	265625	412792	76.55%	10.048%
29	12.593	1761	1767	1772	rVB3	6510	10854	2.01%	0.264%
30	12.812	1799	1803	1810	rVB6	12624	22867	4.24%	0.557%
31	12.898	1810	1817	1825	rVB	25105	43541	8.07%	1.060%
32	13.075	1843	1846	1851	rVB3	4847	6859	1.27%	0.167%
33	13.136	1851	1856	1859	rVV4	3170	6229	1.16%	0.152%
34	13.184	1859	1864	1869	rVB5	4089	8293	1.54%	0.202%
35	13.349	1881	1891	1898	rVB2	52661	88659	16.44%	2.158%
36	13.434	1898	1905	1915	rBV	322012	489422	90.76%	11.914%

LSC Area Percent Report

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Acq On : 22 Nov 2023 13:13
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Sample : 05449-02
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-SED-01-G

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Title : SW846 8260

37	13.538	1915	1922	1933	rBV	34080	64897	12.03%	1.580%
38	13.757	1953	1958	1963	rBV3	9186	12883	2.39%	0.314%
39	13.879	1973	1978	1984	rVB2	14835	23750	4.40%	0.578%
40	13.971	1989	1993	1998	rVB3	6280	10561	1.96%	0.257%
41	14.111	2008	2016	2021	rBV9	4472	12251	2.27%	0.298%
42	14.263	2036	2041	2047	rBV9	4029	7678	1.42%	0.187%
43	14.617	2095	2099	2105	rVB3	8435	11993	2.22%	0.292%
44	14.684	2105	2110	2115	rBV5	4490	9359	1.74%	0.228%
45	14.739	2115	2119	2126	rVB5	4247	7846	1.45%	0.191%
46	14.958	2150	2155	2161	rBV6	6166	12384	2.30%	0.301%
47	15.135	2182	2184	2191	rVB7	3505	6426	1.19%	0.156%
48	15.239	2191	2201	2205	rBV4	7304	19054	3.53%	0.464%
49	15.324	2210	2215	2222	rVB5	5028	12560	2.33%	0.306%
50	15.440	2228	2234	2240	rVB5	8261	16402	3.04%	0.399%
51	15.739	2279	2283	2289	rVB8	3513	6039	1.12%	0.147%
52	15.891	2305	2308	2319	rVB8	2226	7307	1.35%	0.178%
53	16.037	2327	2332	2337	rVB8	2734	5685	1.05%	0.138%
54	16.239	2358	2365	2370	rVB6	3864	7050	1.31%	0.172%
55	16.495	2401	2407	2409	rBV5	2948	5617	1.04%	0.137%

Sum of corrected areas: 4108112

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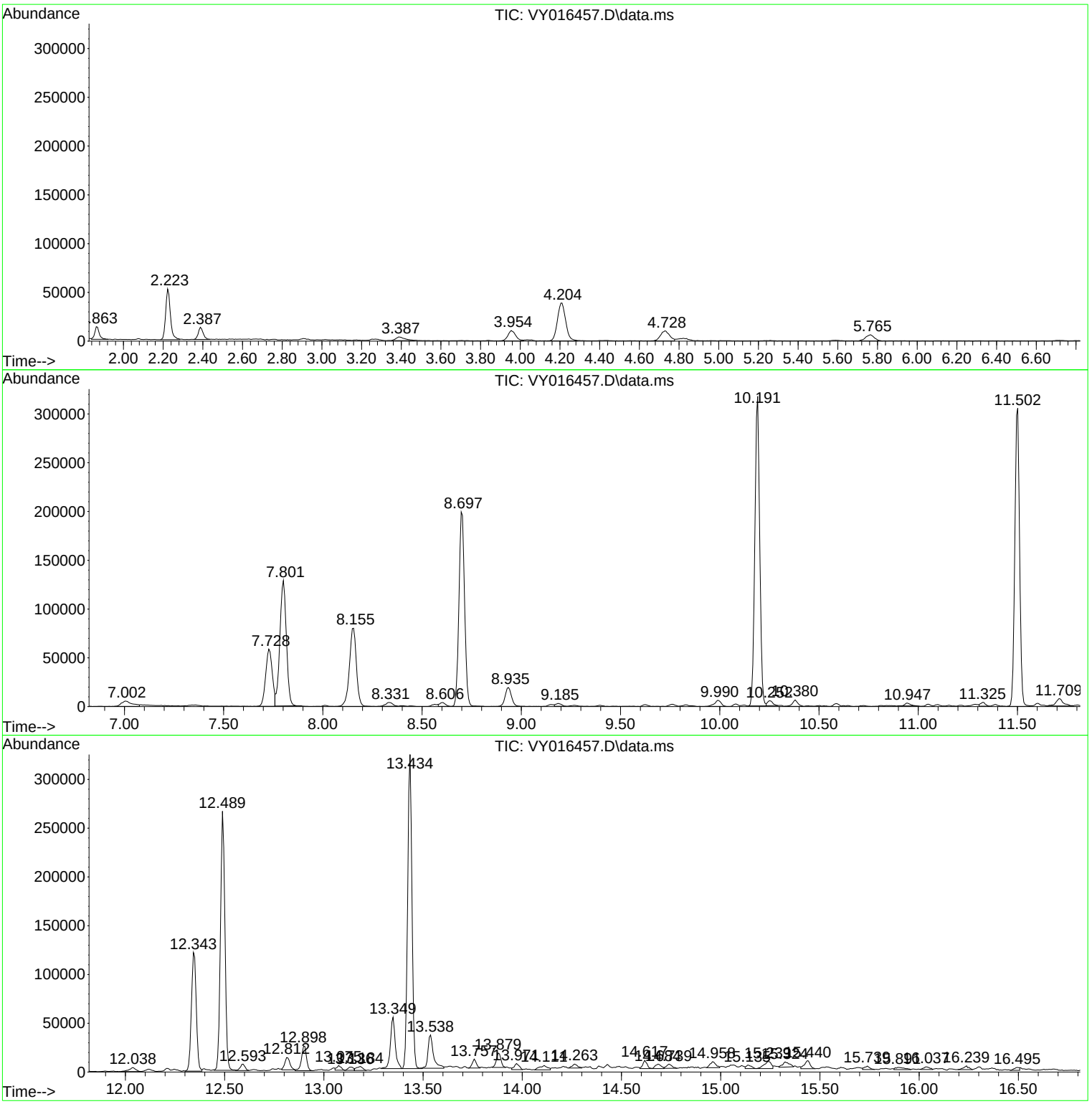
Operator : SY/MD
Sample : 05449-02
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-SED-01-G

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
Data File : VY016457.D
Acq On : 22 Nov 2023 13:13
Operator : SY/MD
Sample : 05449-02
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-SED-01-G

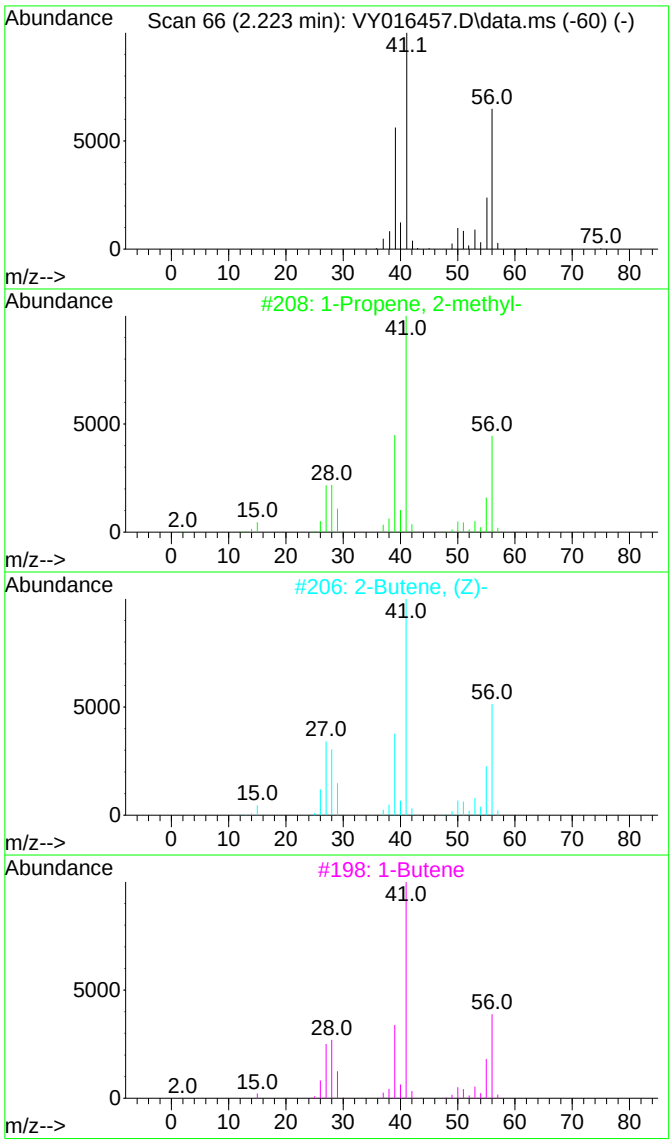
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

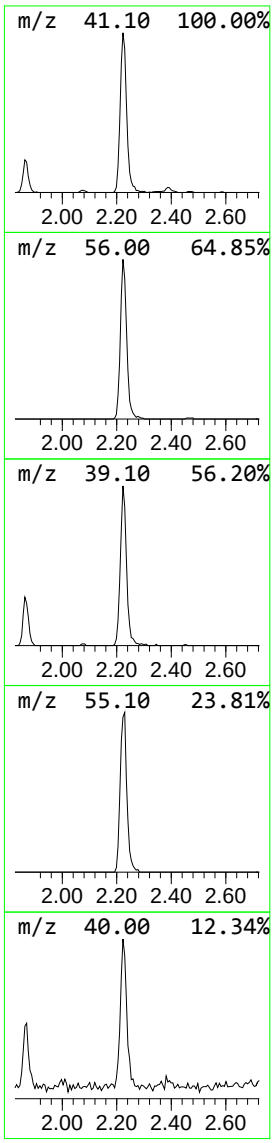
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Propene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.223	14.86 ug/l	86425	Pentafluorobenzene	7.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	2-Butene, (Z)-	56	C4H8	000590-18-1	72
3	1-Butene	56	C4H8	000106-98-9	64
4	2-Butene	56	C4H8	000107-01-7	59
5	Cyclobutane	56	C4H8	000287-23-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
Data File : VY016457.D
Acq On : 22 Nov 2023 13:13
Operator : SY/MD
Sample : 05449-02
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-SED-01-G

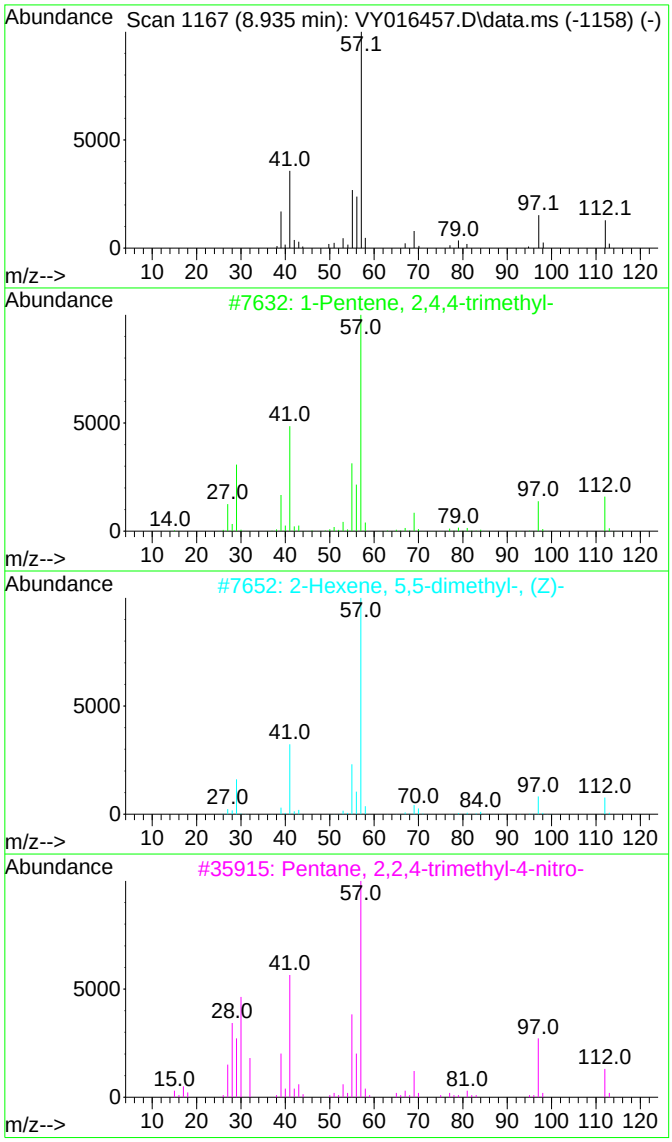
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

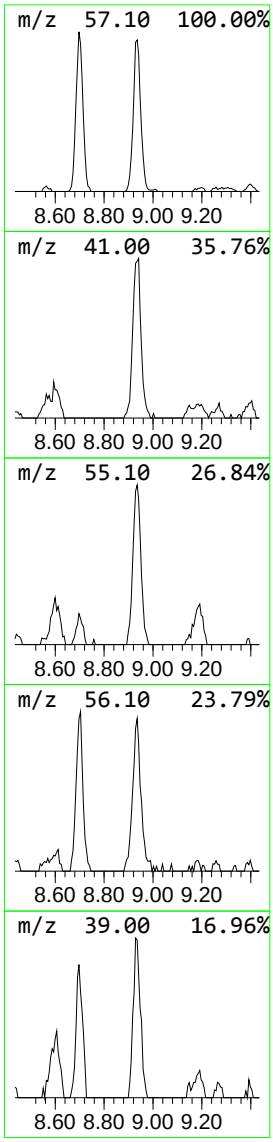
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Pentene, 2,4,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.935	5.44 ug/l	42692	1,4-Difluorobenzene	8.703

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	87
2	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	64
3	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	53
4	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	50
5	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
Data File : VY016457.D
Acq On : 22 Nov 2023 13:13
Operator : SY/MD
Sample : 05449-02
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-SED-01-G

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

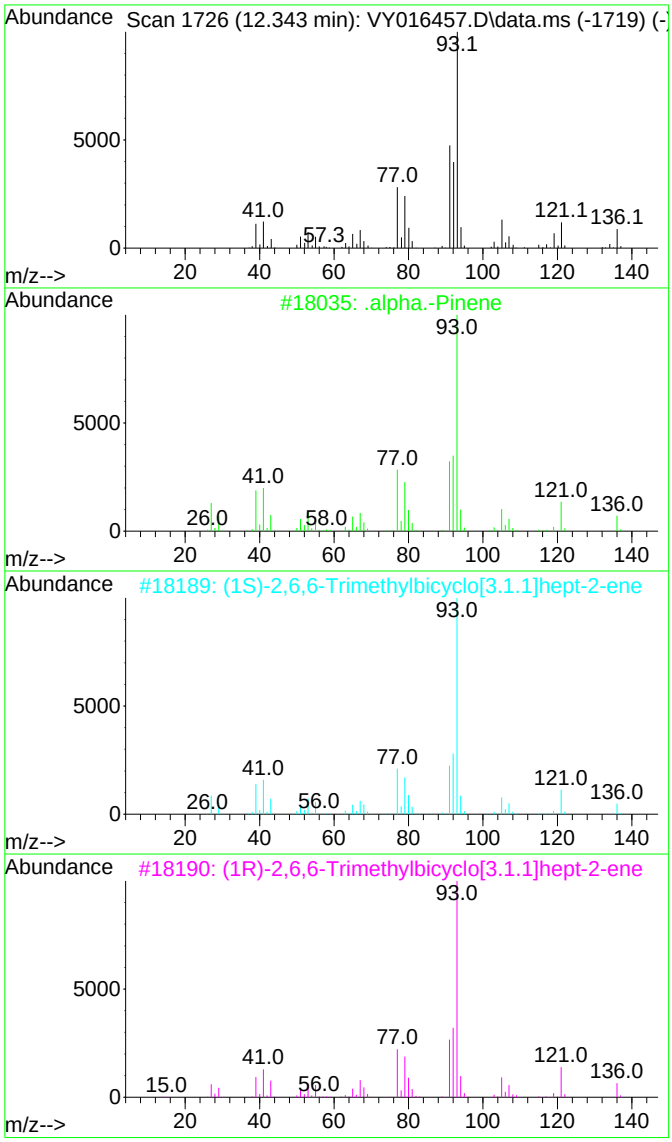
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

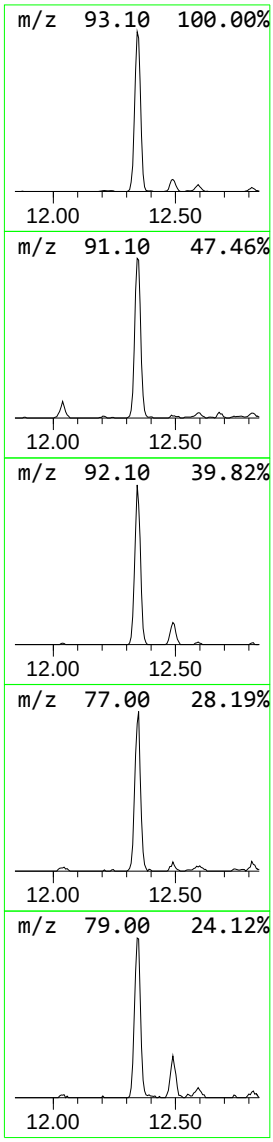
****

Peak Number 3 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.343	20.45 ug/l	206509	Chlorobenzene-d5	11.502

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90





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Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-SED-01-G

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

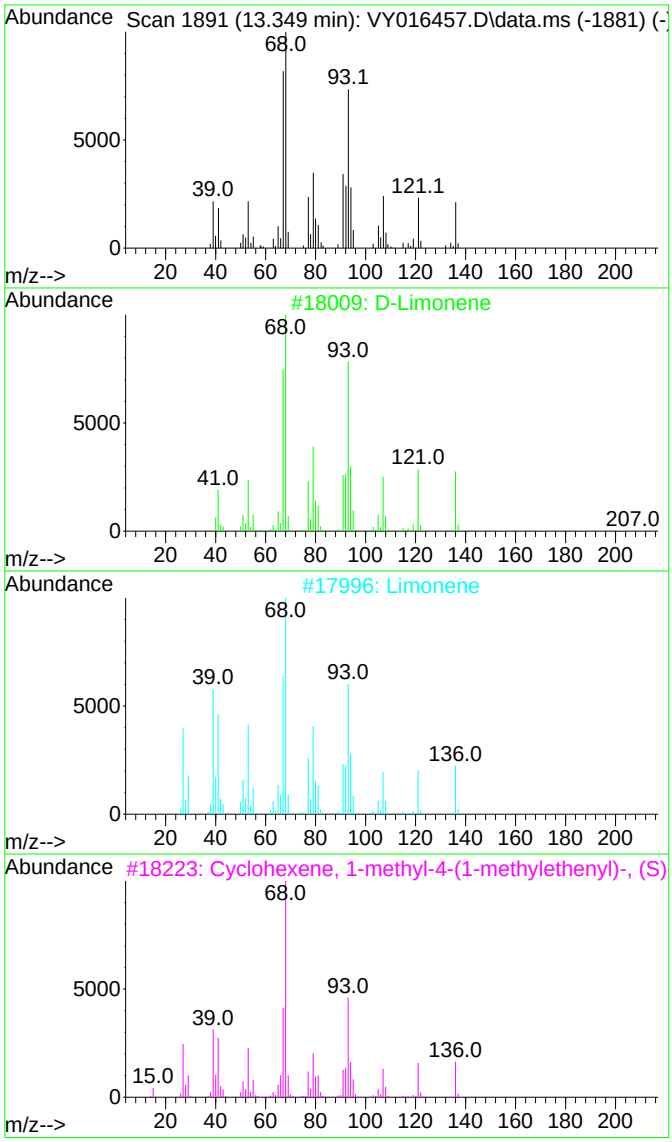
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

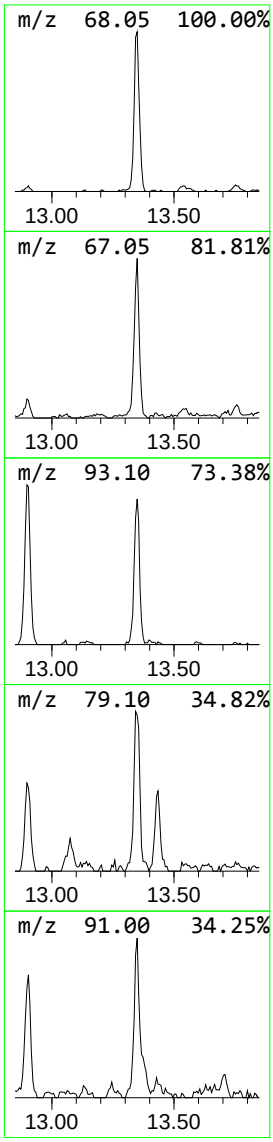
****

Peak Number 4 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.349	9.06 ug/l	88659	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	99
2	Limonene	136	C10H16	000138-86-3	90
3	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	81
4	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	46
5	Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	46





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Operator : SY/MD
Sample : 05449-02
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-SED-01-G

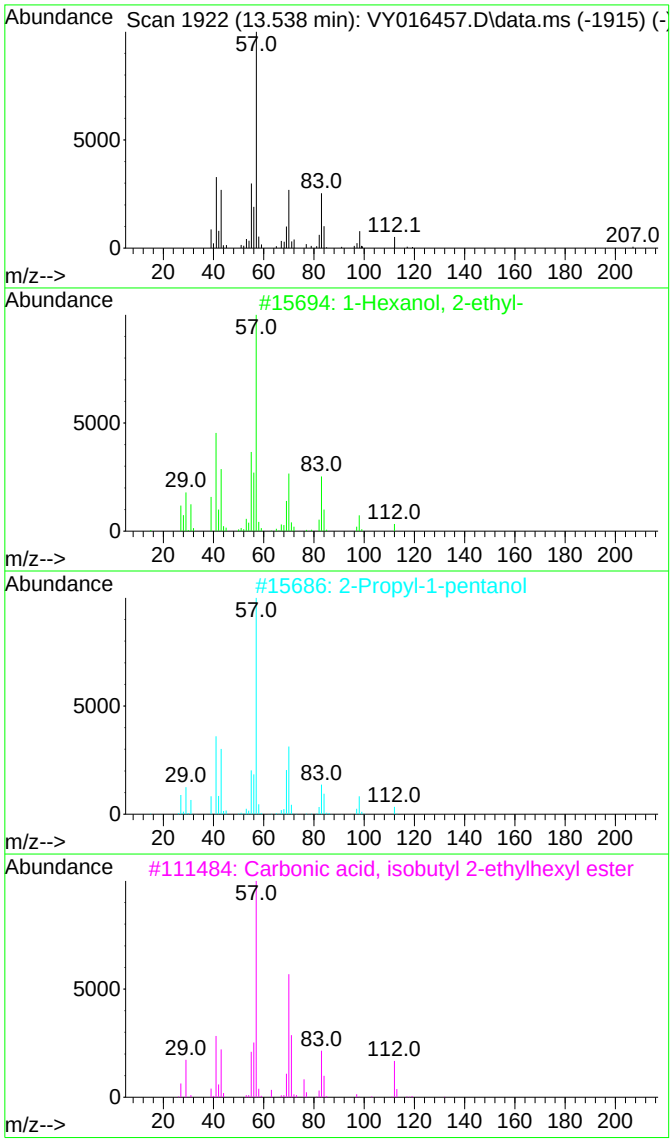
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

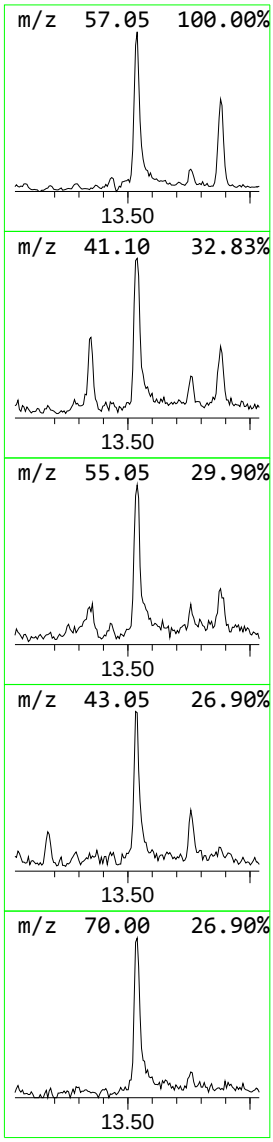
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.538	6.63 ug/l	64897	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	53
4	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	50
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	47





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.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
1-Propene, 2-me...	2.223	14.9	ug/l	86425	1	7.801	290848	50.0
1-Pentene, 2,4,...	8.935	5.4	ug/l	42692	2	8.703	392663	50.0
.alpha.-Pinene	12.343	20.4	ug/l	206509	3	11.502	504851	50.0
D-Limonene	13.349	9.1	ug/l	88659	4	13.434	489422	50.0
1-Hexanol, 2-et...	13.538	6.6	ug/l	64897	4	13.434	489422	50.0