LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
Data File : VY015175.D
Acq On : 17 Aug 2023 16:28
Operator : SY/MD
Sample : 04019-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-081523

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\82Y081423S.M
Title : SW846 8260

Signal : TIC: VY015175.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.247	227	234	242	rBV3	2699	6381	1.58%	0.239%
2	3.948	340	349	359	rBV3	2069	5608	1.39%	0.210%
3	4.710	464	474	489	rBV2	10844	36899	9.15%	1.380%
4	5.747	634	644	653	rVB6	7032	22283	5.52%	0.833%
5	6.972	836	845	858	rBV	13838	41688	10.34%	1.559%
6	7.710	956	966	972	rBV	55397	134389	33.32%	5.024%
7	7.783	972	978	989	rVB	95335	216971	53.79%	8.112%
8	7.996	1005	1013	1020	rVB5	2001	4548	1.13%	0.170%
9	8.136	1024	1036	1048	rBV	55961	127900	31.71%	4.782%
10	8.545	1097	1103	1108	rBV5	1860	4045	1.00%	0.151%
11	8.685	1118	1126	1138	rBV	146885	290508	72.03%	10.861%
12	10.179	1362	1371	1386	rBV	237565	403330	100.00%	15.079%
13	10.575	1429	1436	1448	rVB3	14560	26629	6.60%	0.996%
14	10.947	1491	1497	1501	rBV2	3902	5999	1.49%	0.224%
15	11.489	1579	1586	1597	rBV	223739	368738	91.42%	13.786%
16	11.703	1612	1621	1624	rBV4	2253	4281	1.06%	0.160%
17	12.331	1717	1724	1729	rBV2	7291	12652	3.14%	0.473%
18	12.477	1741	1748	1759	rBV	179001	290699	72.07%	10.868%
19	12.800	1792	1801	1808	rVB2	35344	62804	15.57%	2.348%
20	12.971	1823	1829	1833	rBV3	3652	6327	1.57%	0.237%
21	13.117	1846	1853	1858	rBV2	5586	8879	2.20%	0.332%
22	13.233	1867	1872	1877	rVB5	4899	7691	1.91%	0.288%
23	13.367	1890	1894	1897	rVV3	4186	6896	1.71%	0.258%
24	13.422	1897	1903	1913	rVB	230760	361823	89.71%	13.527%
25	13.587	1923	1930	1933	rBV3	6904	11264	2.79%	0.421%
26	13.623	1933	1936	1941	rVB	14316	20608	5.11%	0.770%
27	13.751	1951	1957	1960	rBV4	8223	12833	3.18%	0.480%
28	13.965	1988	1992	1997	rVB3	5251	8309	2.06%	0.311%
29	14.074	2006	2010	2015	rBV6	2905	5408	1.34%	0.202%
30	14.141	2015	2021	2026	rBV8	2041	4710	1.17%	0.176%
31	14.257	2033	2040	2046	rBV7	7056	15805	3.92%	0.591%
32	14.385	2056	2061	2063	rBV5	2977	4285	1.06%	0.160%
33	14.422	2063	2067	2071	rVV6	5515	8234	2.04%	0.308%
34	14.477	2071	2076	2081	rVV7	2998	4920	1.22%	0.184%
35	14.611	2093	2098	2102	rVV2	7550	11415	2.83%	0.427%
36	14.678	2104	2109	2113	rVV7	4500	9764	2.42%	0.365%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Title : SW846 8260

37	14.727	2113	2117	2124	rVB7	6819	12827	3.18%	0.480%
38	14.836	2131	2135	2141	rBV8	2939	5233	1.30%	0.196%
39	14.934	2147	2151	2157	rVB8	3048	5246	1.30%	0.196%
40	15.135	2180	2184	2191	rVB9	4033	9114	2.26%	0.341%
41	15.214	2191	2197	2198	rBV4	5015	8348	2.07%	0.312%
42	15.233	2198	2200	2205	rVV2	4478	6767	1.68%	0.253%
43	15.312	2208	2213	2217	rBV4	5391	8554	2.12%	0.320%
44	15.434	2229	2233	2237	rBV5	6075	8805	2.18%	0.329%
45	15.598	2256	2260	2265	rVB8	2996	5159	1.28%	0.193%
46	15.733	2278	2282	2287	rVB8	2951	4800	1.19%	0.179%
47	16.025	2326	2330	2334	rVB7	3547	6399	1.59%	0.239%
48	16.153	2348	2351	2356	rVB7	3072	4462	1.11%	0.167%
49	16.226	2358	2363	2369	rVB8	3803	8675	2.15%	0.324%
50	16.476	2399	2404	2407	rBV7	2354	4835	1.20%	0.181%

Sum of corrected areas: 2674747

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ClientSampleId :
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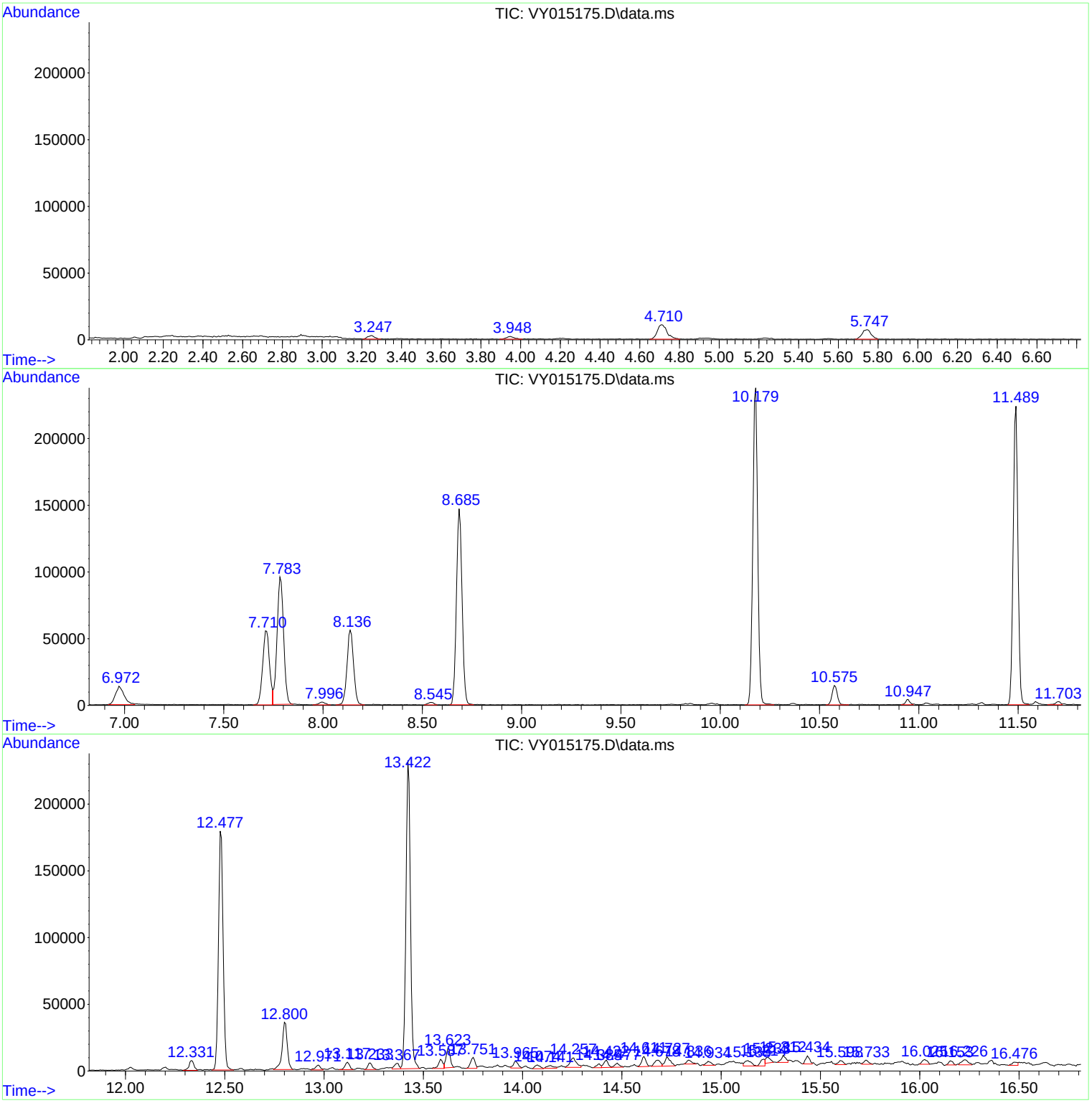
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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



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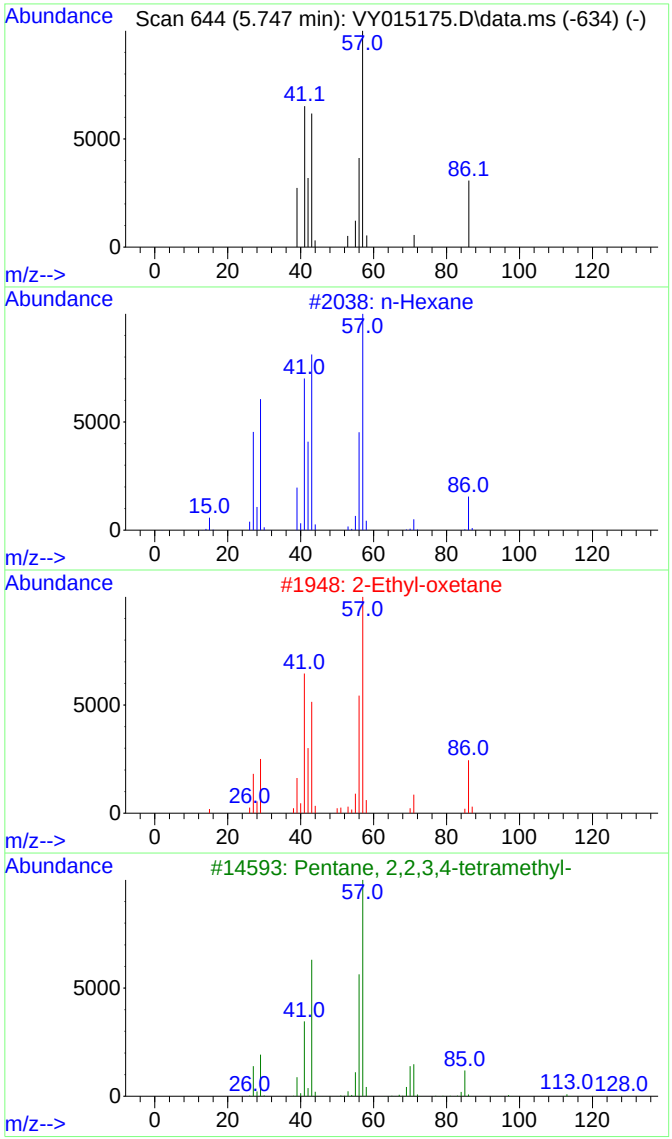
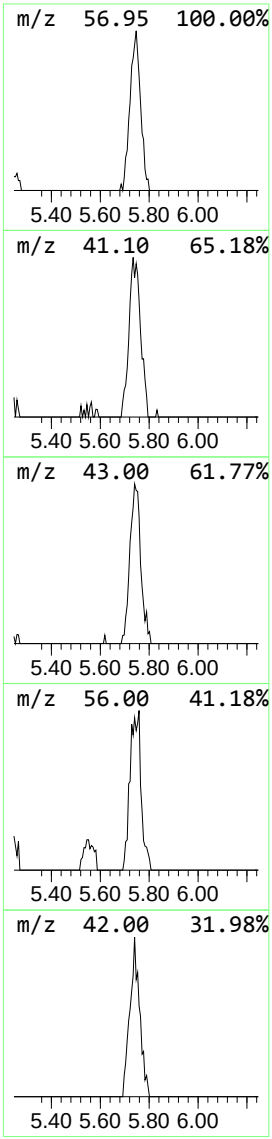
****

Peak Number 2 n-Hexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.747	5.14 ug/l	22283	Pentafluorobenzene	7.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	78
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	49
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	33
4	Tetrahydropyran	86	C5H10O	000142-68-7	32
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	28





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ClientSampleId :
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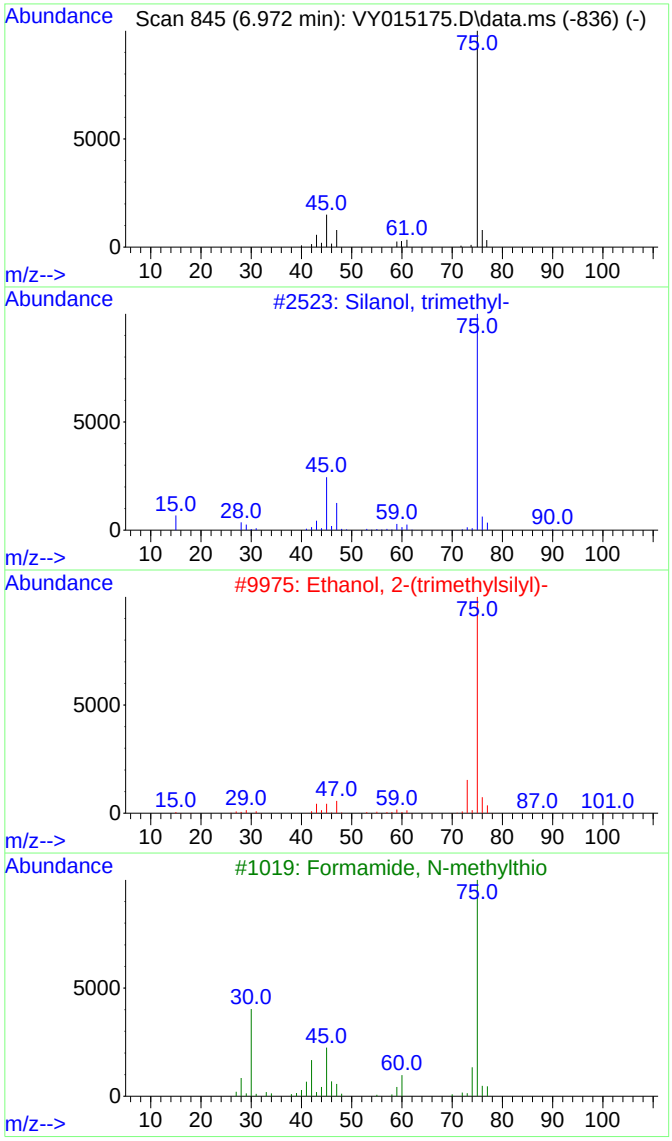
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

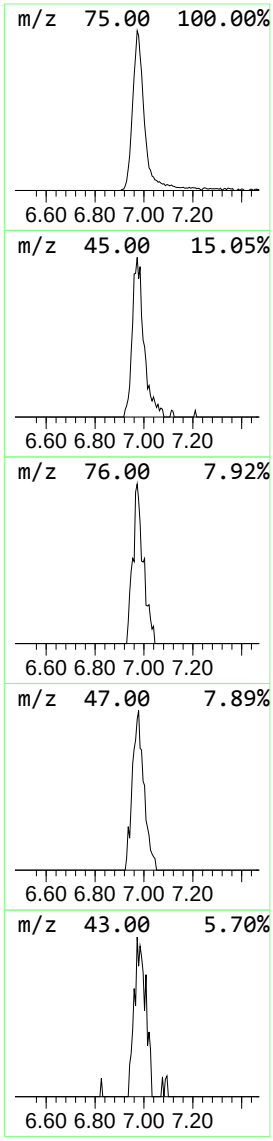
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Silanol, trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.972	9.61 ug/l	41688	Pentafluorobenzene	7.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	83
2	Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	72
3	Formamide, N-methylthio	75	C2H5NS	018952-41-5	7
4	Ethanethioamide	75	C2H5NS	000062-55-5	5
5	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	4





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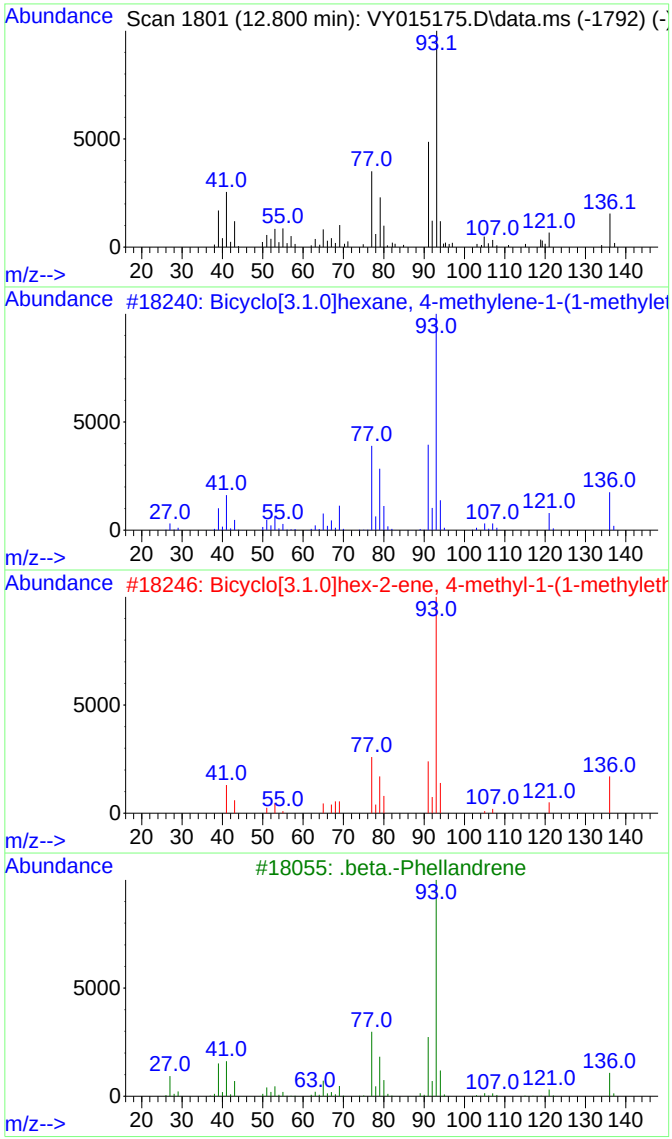
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

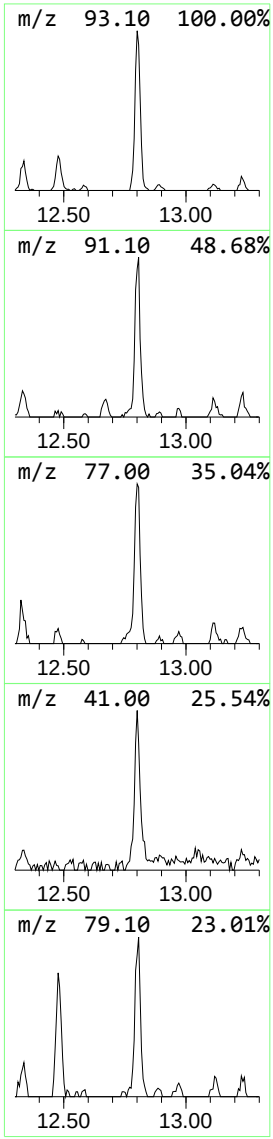
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bicyclo[3.1.0]hexane, 4-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.800	8.68 ug/l	62804	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	95
2	Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	91
3	.beta.-Phellandrene	136	C10H16	000555-10-2	91
4	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	81
5	.beta.-Pinene	136	C10H16	000127-91-3	80





Tentatively Identified Compound (LSC) summary

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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
n-Hexane	5.747	5.1	ug/l	22283	1	7.783	216971	50.0
Silanol, trimet...	6.972	9.6	ug/l	41688	1	7.783	216971	50.0
Bicyclo[3.1.0]h...	12.800	8.7	ug/l	62804	4	13.422	361823	50.0