LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002304.D
Acq On : 14 Apr 2020 13:34
Operator : SY/MD
Sample : L2230-31
Misc : 7.18G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-20

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\82Y040820S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.865	18	21	29	rVB3	5356	9255	1.03%	0.173%
2	2.255	77	85	89	rBV	8478	15786	1.76%	0.295%
3	2.914	187	193	202	rVB2	6407	13868	1.54%	0.259%
4	3.261	242	250	259	rBV4	3942	10278	1.14%	0.192%
5	3.968	356	366	377	rBV	7846	23663	2.63%	0.442%
6	4.730	481	491	500	rBV3	5245	19575	2.18%	0.366%
7	5.249	565	576	589	rVB5	5161	19684	2.19%	0.368%
8	7.004	856	864	875	rBV4	3139	9204	1.02%	0.172%
9	7.730	973	983	989	rBV	114251	277873	30.94%	5.189%
10	7.803	989	995	1003	rVV	179666	405626	45.16%	7.575%
11	7.876	1003	1007	1014	rVB3	5117	11900	1.32%	0.222%
12	8.151	1042	1052	1064	rBV	111749	242884	27.04%	4.536%
13	8.327	1075	1081	1091	rVB2	22071	57935	6.45%	1.082%
14	8.699	1134	1142	1154	rVB	312126	624255	69.51%	11.658%
15	9.193	1218	1223	1228	rVV7	6380	13918	1.55%	0.260%
16	9.248	1228	1232	1239	rVB5	5186	9712	1.08%	0.181%
17	9.620	1284	1293	1301	rBV	39571	76700	8.54%	1.432%
18	9.748	1304	1314	1323	rBV	61430	129087	14.37%	2.411%
19	9.943	1340	1346	1351	rBV4	5004	10546	1.17%	0.197%
20	10.114	1363	1374	1379	rBV3	10113	21076	2.35%	0.394%
21	10.181	1379	1385	1400	rVV	512657	898143	100.00%	16.773%
22	10.345	1409	1412	1423	rVB8	5391	14657	1.63%	0.274%
23	10.522	1437	1441	1449	rVV3	5916	11324	1.26%	0.211%
24	10.620	1449	1457	1468	rVV6	11017	31600	3.52%	0.590%
25	11.095	1528	1535	1540	rVV2	13624	28163	3.14%	0.526%
26	11.150	1540	1544	1547	rVV5	6047	10053	1.12%	0.188%
27	11.296	1564	1568	1577	rVB3	11752	26922	3.00%	0.503%
28	11.412	1578	1587	1591	rBV8	4105	11233	1.25%	0.210%
29	11.491	1593	1600	1609	rBV	434614	717527	79.89%	13.400%
30	11.626	1618	1622	1626	rVB3	8986	13541	1.51%	0.253%
31	11.680	1626	1631	1635	rBV6	6029	11451	1.27%	0.214%
32	11.741	1635	1641	1646	rBV4	14780	32346	3.60%	0.604%
33	12.004	1676	1684	1691	rBV5	20171	51790	5.77%	0.967%
34	12.089	1696	1698	1706	rVB6	6624	13162	1.47%	0.246%

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Title : SW846 8260

35	12.162	1706	1710	1713	rBV3	8280	13652	1.52%	0.255%
36	12.205	1713	1717	1720	rBV3	17626	28601	3.18%	0.534%
37	12.388	1743	1747	1751	rVB4	5456	10643	1.19%	0.199%
38	12.485	1756	1763	1769	rVB	293836	482409	53.71%	9.009%
39	12.564	1769	1776	1781	rBV9	12857	38092	4.24%	0.711%
40	12.644	1781	1789	1796	rVB3	51831	106284	11.83%	1.985%
41	12.729	1796	1803	1809	rBV6	17707	48278	5.38%	0.902%
42	12.808	1810	1816	1823	rBV9	19421	50552	5.63%	0.944%
43	12.948	1836	1839	1843	rVB3	12810	18058	2.01%	0.337%
44	13.040	1851	1854	1856	rBV4	8328	11556	1.29%	0.216%
45	13.137	1865	1870	1872	rBV6	8896	14773	1.64%	0.276%
46	13.253	1885	1889	1891	rBV4	5988	9135	1.02%	0.171%
47	13.290	1891	1895	1903	rVV6	18023	43505	4.84%	0.812%
48	13.351	1903	1905	1911	rVV7	6757	10457	1.16%	0.195%
49	13.430	1911	1918	1924	rVV	325480	521479	58.06%	9.739%
50	13.491	1924	1928	1932	rVV6	9339	17022	1.90%	0.318%
51	13.564	1934	1940	1945	rVB6	10053	21426	2.39%	0.400%
52	13.747	1965	1970	1977	rVB4	18883	33908	3.78%	0.633%

Sum of corrected areas: 5354567

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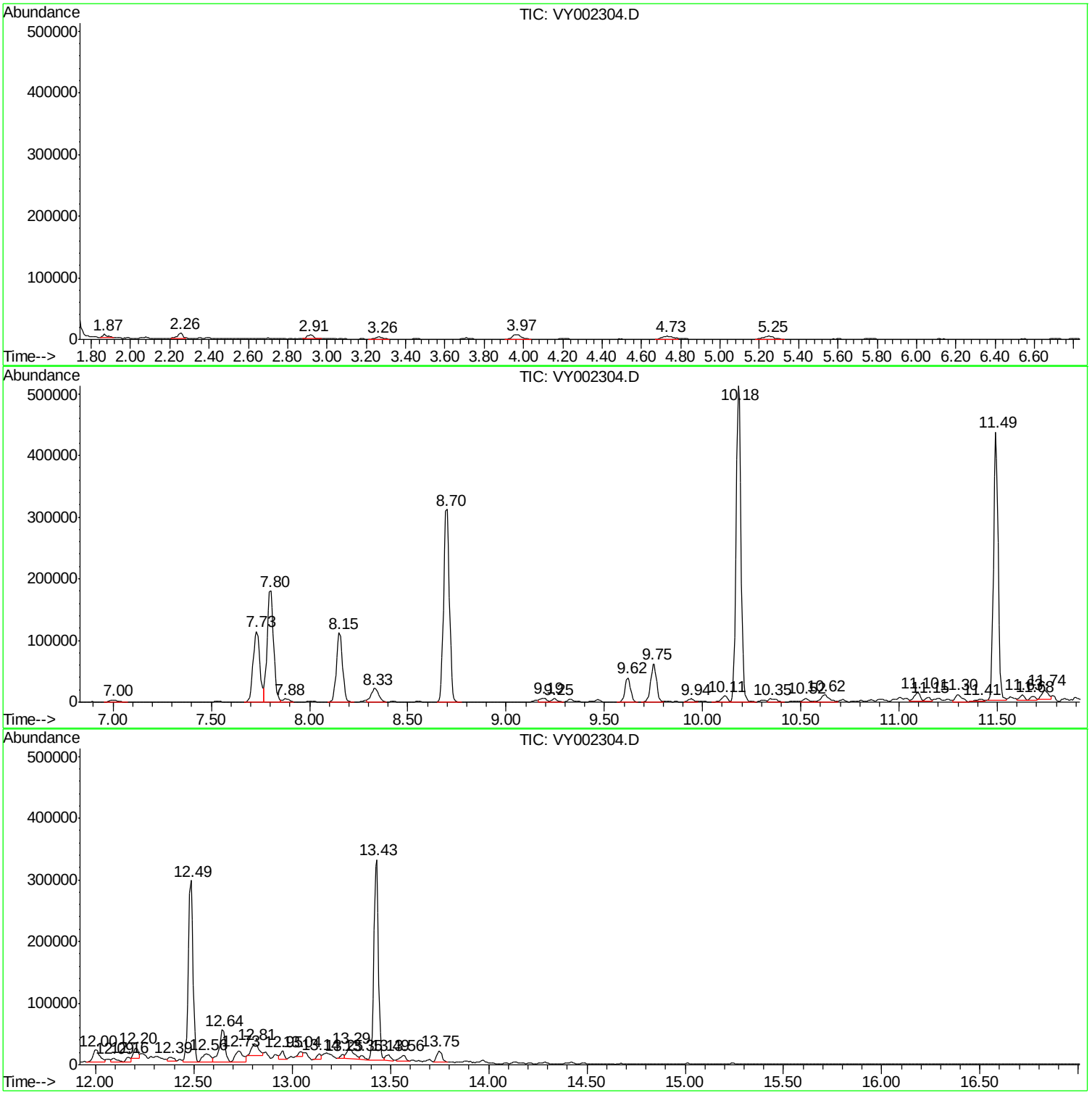
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SW846 8260

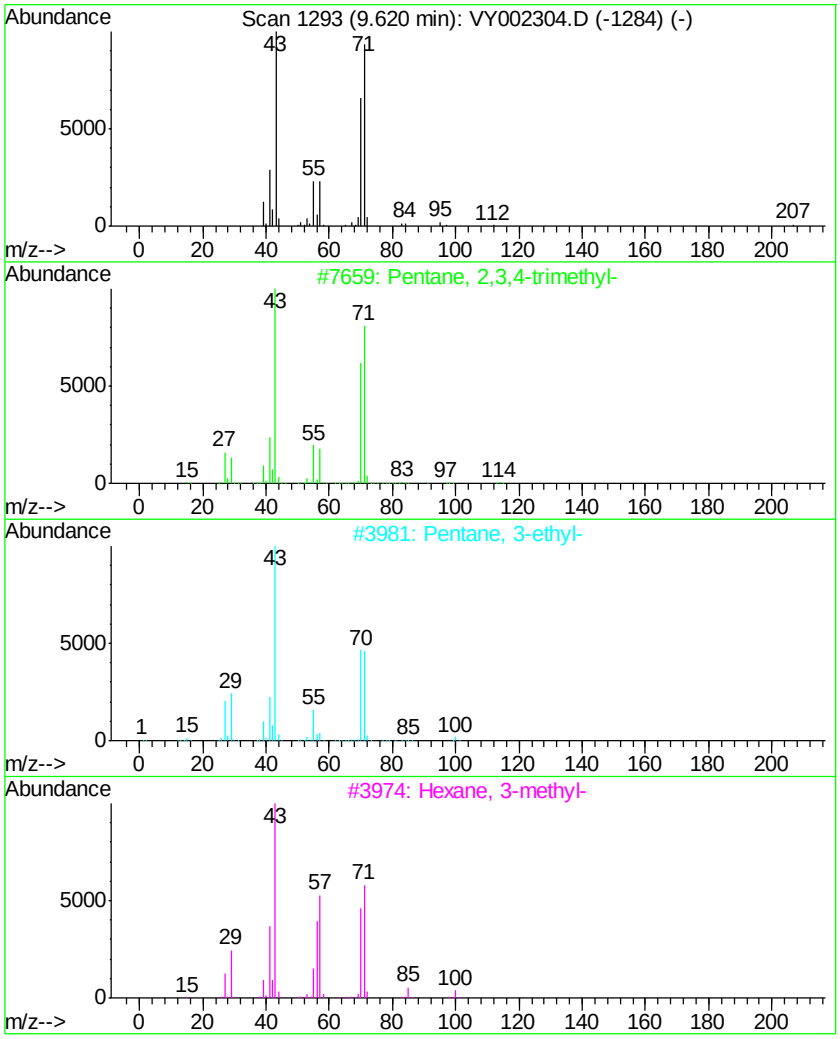
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

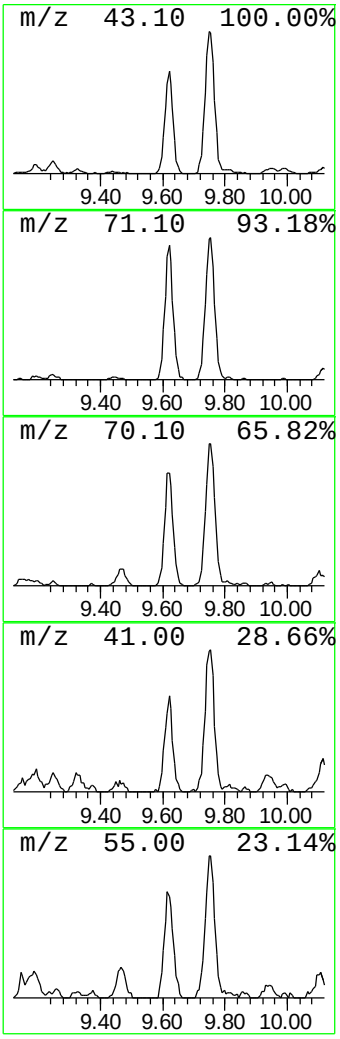
****

Peak Number 1 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	6.14 ug/l	76700	1,4-Difluorobenzene	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	64





Library Search Compound Report

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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

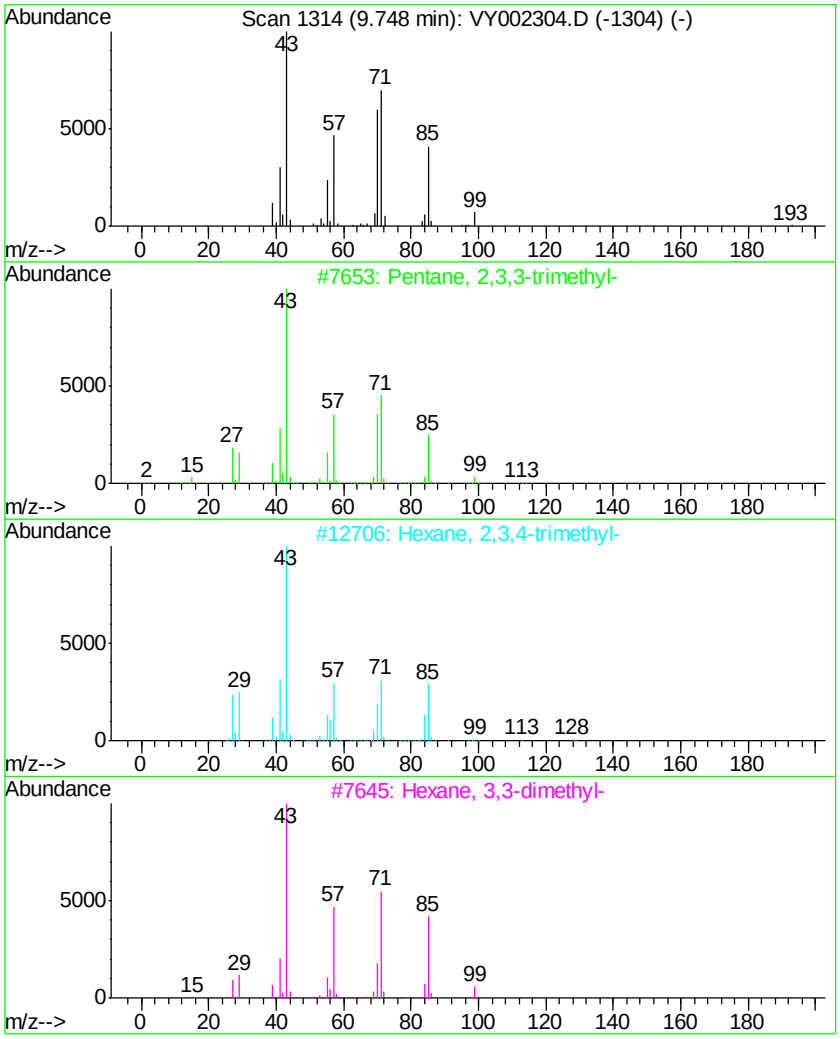
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

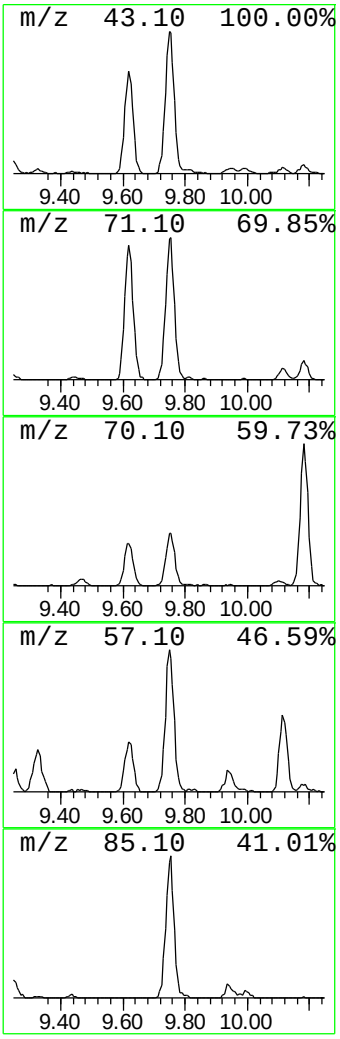
****

Peak Number 2 Pentane, 2,3,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	10.34 ug/l	129087	1,4-Difluorobenzene	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4	Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	53
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-20

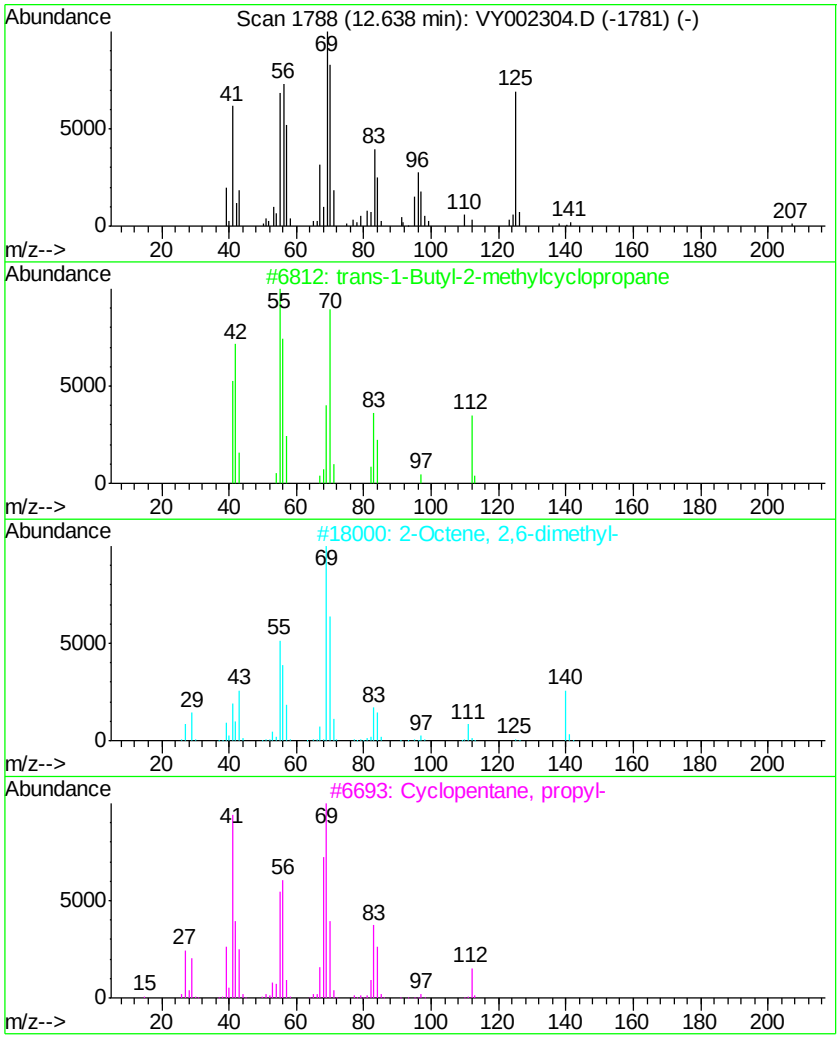
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

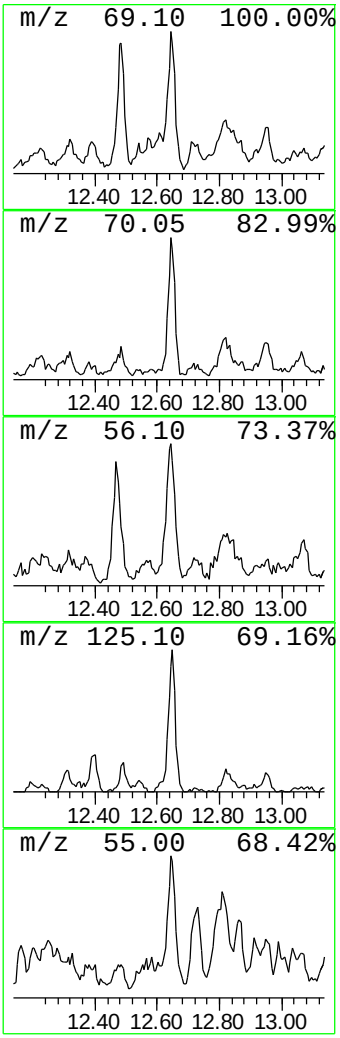
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 trans-1-Butyl-2-methylcyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	10.19 ug/l	106284	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	55
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	47
4	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	45
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	43





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,3,4-tr...	9.62	6.1	ug/l	76700	2	8.70	624255	50.0
Pentane, 2,3,3-tr...	9.75	10.3	ug/l	129087	2	8.70	624255	50.0
trans-1-Butyl-2-m...	12.64	10.2	ug/l	106284	4	13.43	521479	50.0