LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018784.D
Acq On : 05 Oct 2020 23:26
Operator : JC/SP
Sample : L4240-05DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_X\METHOD\SOMXTR100220WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.385	46	49	54	rVB	62725	58700	9.46%	0.960%
2	1.696	94	100	106	rBV	53144	64906	10.46%	1.061%
3	2.343	199	206	215	rBV	115919	181406	29.22%	2.966%
4	2.824	276	285	298	rBV3	39920	104647	16.86%	1.711%
5	2.989	305	312	323	rVB3	5793	15363	2.47%	0.251%
6	3.147	330	338	353	rBV	272447	620765	100.00%	10.148%
7	4.117	487	497	509	rBV3	14606	44674	7.20%	0.730%
8	4.275	513	523	530	rBV4	9005	29980	4.83%	0.490%
9	4.373	530	539	551	rVB2	87075	248654	40.06%	4.065%
10	4.556	553	569	581	rBV	50023	199271	32.10%	3.258%
11	4.678	584	589	602	rVB4	10676	40090	6.46%	0.655%
12	5.141	653	665	677	rBV2	74460	229229	36.93%	3.747%
13	5.549	725	732	740	rVB6	6684	18585	2.99%	0.304%
14	6.043	800	813	830	rBV2	175889	519322	83.66%	8.490%
15	6.830	933	942	954	rBV	139188	340890	54.91%	5.573%
16	7.153	988	995	1009	rVB7	5818	18241	2.94%	0.298%
17	7.366	1022	1030	1040	rBV	110145	239382	38.56%	3.913%
18	8.372	1187	1195	1204	rBV	69605	118631	19.11%	1.939%
19	8.646	1235	1240	1242	rBV5	4495	7742	1.25%	0.127%
20	8.695	1242	1248	1256	rVV	272241	428892	69.09%	7.011%
21	8.762	1256	1259	1264	rVV5	3547	6670	1.07%	0.109%
22	8.811	1264	1267	1275	rVB8	3290	6606	1.06%	0.108%
23	8.994	1290	1297	1310	rBV	49119	85370	13.75%	1.396%
24	9.427	1363	1368	1379	rBV	354955	516492	83.20%	8.443%
25	9.738	1415	1419	1424	rBV	18971	24807	4.00%	0.406%
26	10.097	1471	1478	1480	rBV	289332	440065	70.89%	7.194%
27	10.122	1480	1482	1487	rVB	225015	255152	41.10%	4.171%
28	10.238	1496	1501	1505	rVB	13135	18069	2.91%	0.295%
29	10.341	1510	1518	1523	rBV	16187	25667	4.13%	0.420%
30	11.231	1658	1664	1670	rBV	115707	152004	24.49%	2.485%
31	11.347	1678	1683	1687	rVB2	5428	8437	1.36%	0.138%
32	11.420	1691	1695	1697	rBV4	5946	8222	1.32%	0.134%
33	11.652	1729	1733	1738	rVB4	4657	6856	1.10%	0.112%
34	11.792	1751	1756	1760	rBV	11889	16389	2.64%	0.268%

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Title : TRACE VOA SOM01.0

35	12.006	1783	1791	1795	rBV6	8331	13359	2.15%	0.218%
36	12.060	1795	1800	1807	rVV	300635	378680	61.00%	6.190%
37	12.127	1807	1811	1819	rVB4	4476	7699	1.24%	0.126%
38	12.286	1833	1837	1839	rBV4	10227	13946	2.25%	0.228%
39	12.359	1843	1849	1857	rVB	320000	409307	65.94%	6.691%
40	12.499	1868	1872	1879	rVB2	7119	9878	1.59%	0.161%
41	12.566	1879	1883	1885	rBV2	8286	11616	1.87%	0.190%
42	12.591	1885	1887	1892	rVB	8576	10190	1.64%	0.167%
43	12.652	1892	1897	1901	rBV	16779	21567	3.47%	0.353%
44	12.755	1908	1914	1919	rBV7	5211	11579	1.87%	0.189%
45	12.890	1930	1936	1939	rBV4	5898	9214	1.48%	0.151%
46	12.957	1942	1947	1951	rBV	13031	19158	3.09%	0.313%
47	12.999	1951	1954	1960	rVB2	18342	24520	3.95%	0.401%
48	13.207	1984	1988	1994	rVB3	5218	6957	1.12%	0.114%
49	13.328	2004	2008	2018	rVB3	15235	24311	3.92%	0.397%
50	13.615	2052	2055	2062	rBV5	6001	11872	1.91%	0.194%
51	13.706	2062	2070	2076	rVB7	3686	9215	1.48%	0.151%
52	13.895	2096	2101	2109	rBV9	4393	8115	1.31%	0.133%
53	13.962	2109	2112	2117	rVB7	4120	7170	1.16%	0.117%
54	14.523	2196	2204	2207	rBV9	5644	8665	1.40%	0.142%

Sum of corrected areas: 6117194

LSC Report - Integrated Chromatogram

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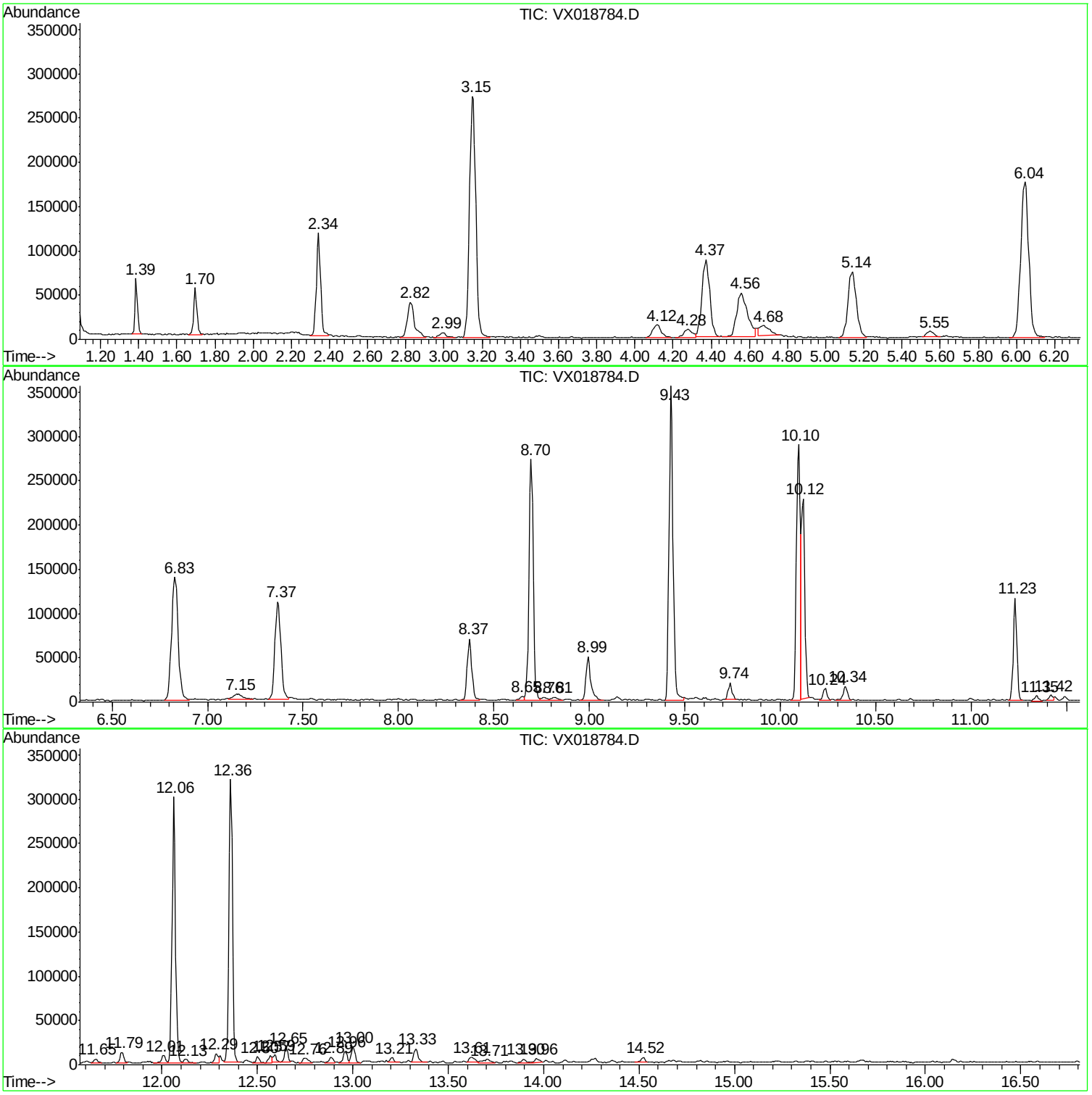
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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



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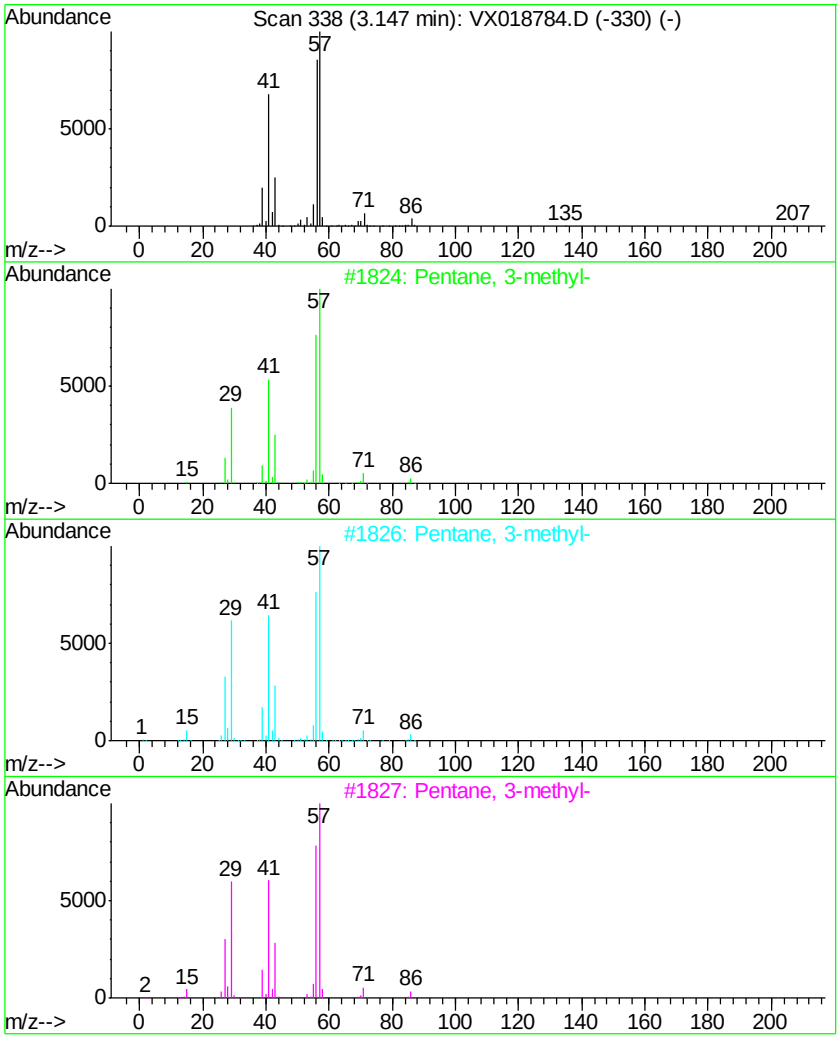
Quant Title : TRACE VOA SOM01.0

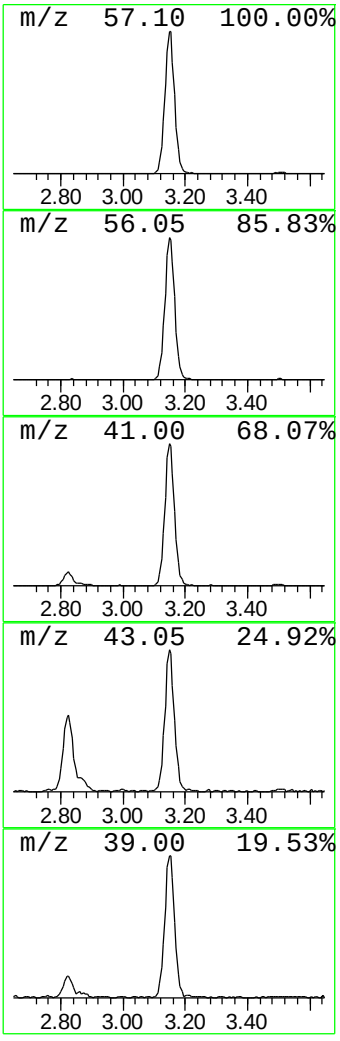
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	9.11 ug/L	620765	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59





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Instrument : MSVOA_X
ClientSampleId : BG3R3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

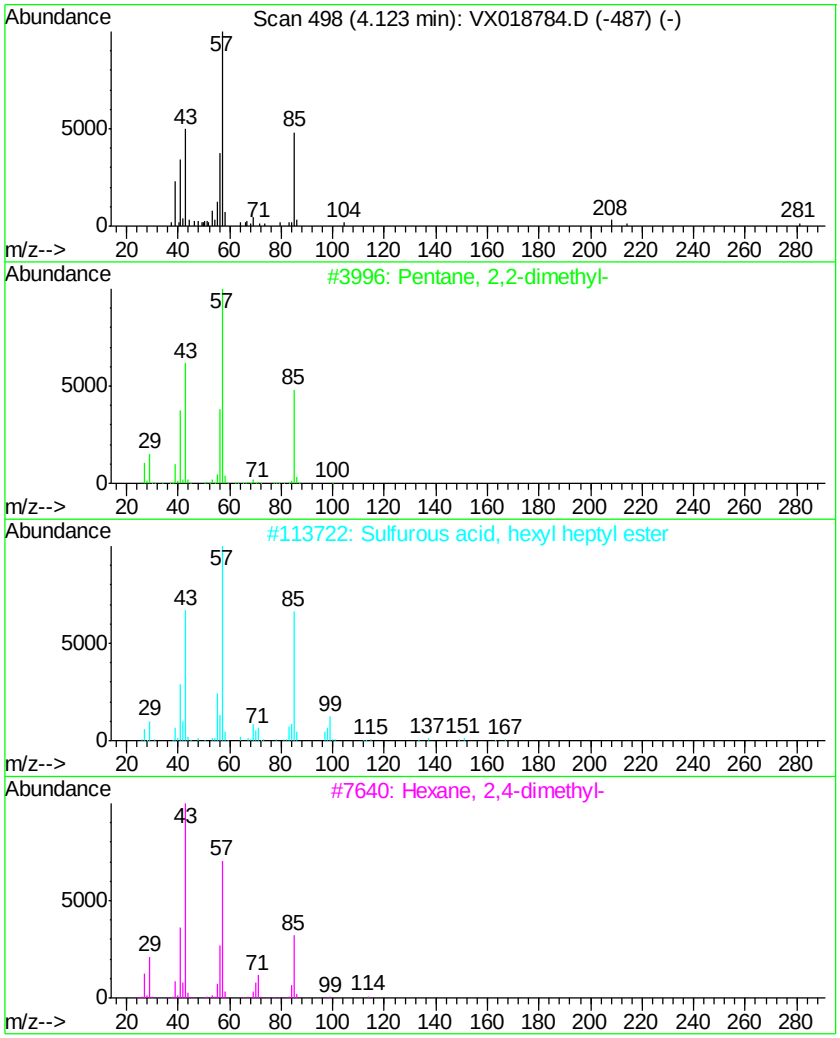
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

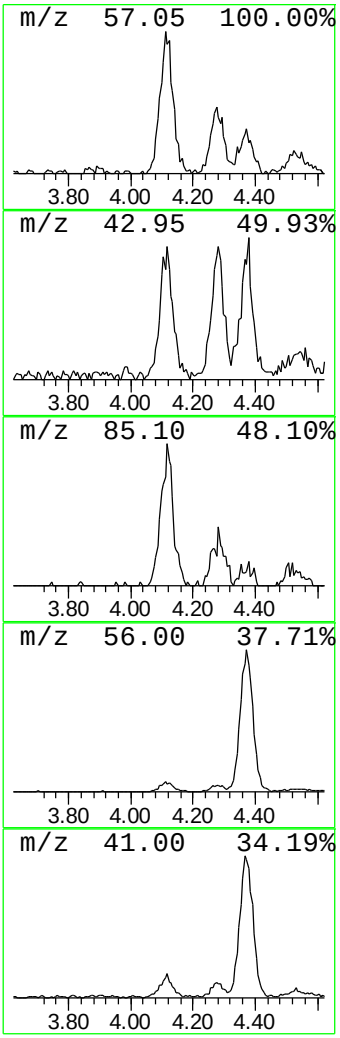
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	0.66 ug/L	44674	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
2	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	50
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	45
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43
5	Prop-2-yn-1-yl 2-methylbutanoate	140	C8H12O2	1000372-70-8	38





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Instrument : MSVOA_X
ClientSampleId : BG3R3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

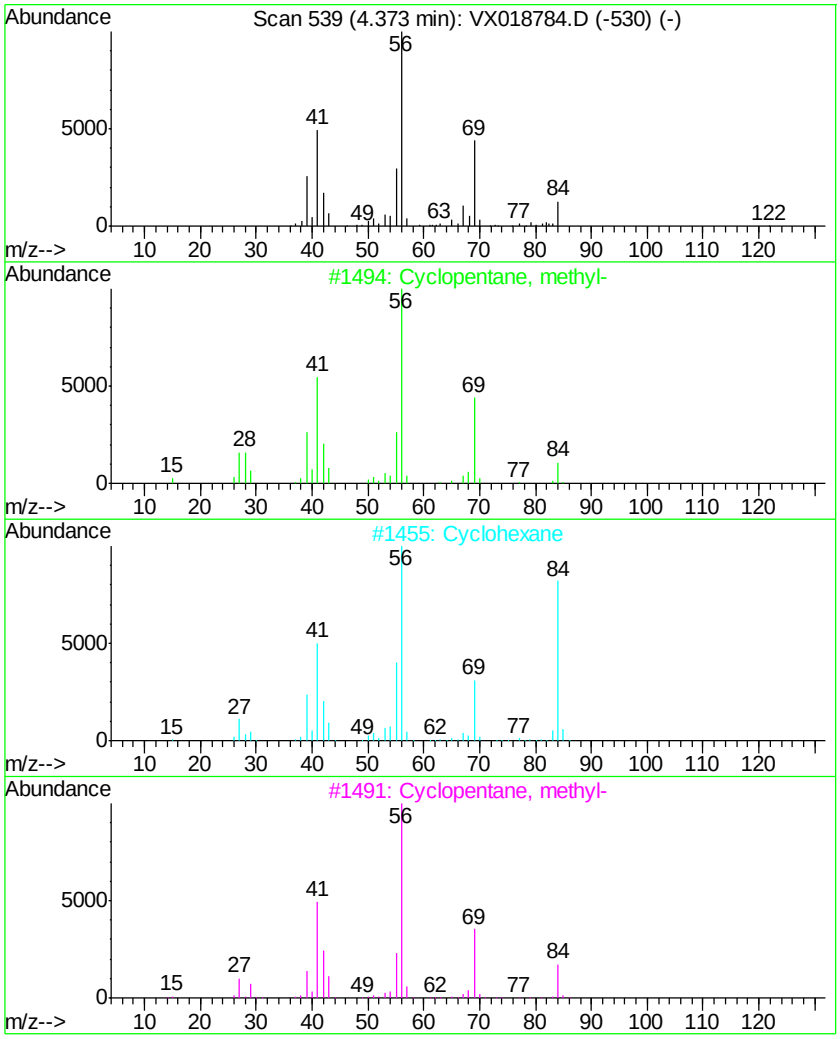
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

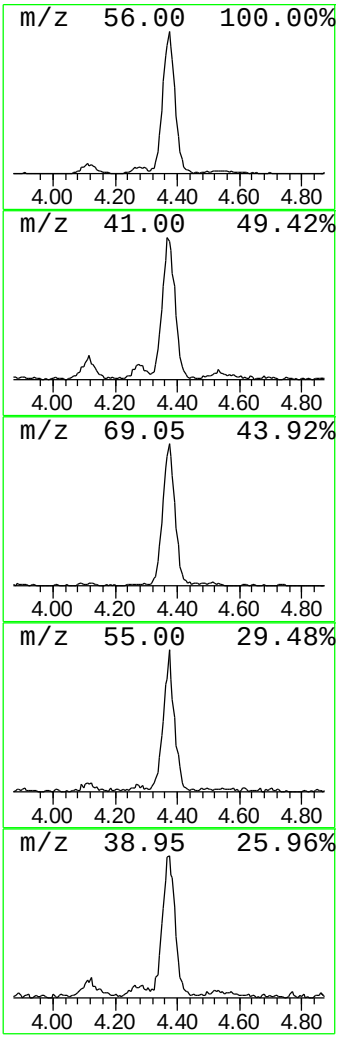
****

Peak Number 3 (DEL) Alkane: Cyclic4.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	3.65 ug/L	248654	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclohexane	84	C6H12	000110-82-7	72
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.15	9.1	ug/L	620765	1	6.83	340890	5.0
(DEL) Alkane: Str...	4.12	0.7	ug/L	44674	1	6.83	340890	5.0
(DEL) Alkane: Cyc...	4.37	3.6	ug/L	248654	1	6.83	340890	5.0