LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100820\
Data File : VX018836.D
Acq On : 08 Oct 2020 14:07
Operator : JC/SP
Sample : VIBLK65
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VIBLK65

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	1.337	34	41	44	rBV2	67724	192020	33.29%	2.829%
2	1.386	46	49	64	rVB2	115329	255954	44.37%	3.771%
3	1.697	97	100	106	rVB	66185	78319	13.58%	1.154%
4	2.343	200	206	213	rBV	150935	235032	40.74%	3.463%
5	2.831	278	286	287	rBV4	11517	18719	3.24%	0.276%
6	2.873	287	293	301	rVB	51769	108280	18.77%	1.595%
7	3.154	328	339	353	rVB2	85815	198550	34.42%	2.925%
8	3.501	386	396	410	rBV2	229612	520814	90.28%	7.674%
9	4.123	488	498	503	rBV8	6429	17603	3.05%	0.259%
10	4.282	516	524	530	rBV8	4386	13953	2.42%	0.206%
11	4.373	530	539	554	rVB2	46237	138624	24.03%	2.042%
12	4.550	557	568	583	rBV	62272	221767	38.44%	3.267%
13	5.141	653	665	677	rBV	83000	258294	44.78%	3.806%
14	5.544	723	731	737	rBV	4444	12489	2.16%	0.184%
15	6.043	800	813	827	rBV2	198199	576868	100.00%	8.499%
16	6.830	932	942	949	rBV	203517	547582	94.92%	8.068%
17	7.366	1022	1030	1040	rVB2	125053	273836	47.47%	4.035%
18	8.293	1176	1182	1186	rBV5	8084	13082	2.27%	0.193%
19	8.372	1189	1195	1203	rVV	79342	132752	23.01%	1.956%
20	8.695	1241	1248	1257	rBV	314731	492052	85.30%	7.250%
21	8.994	1289	1297	1304	rBV	55635	84412	14.63%	1.244%
22	9.317	1347	1350	1361	rVB9	2549	6032	1.05%	0.089%
23	9.427	1361	1368	1379	rBV	397873	559186	96.93%	8.239%
24	9.738	1415	1419	1424	rVB5	3940	6327	1.10%	0.093%
25	10.098	1472	1478	1486	rBV	349683	494976	85.80%	7.293%
26	11.232	1653	1664	1673	rVB	129109	165231	28.64%	2.434%
27	11.347	1678	1683	1688	rVB2	6867	11760	2.04%	0.173%
28	11.421	1691	1695	1702	rVV2	14838	27639	4.79%	0.407%
29	11.488	1702	1706	1713	rVV	7821	11289	1.96%	0.166%
30	11.658	1727	1734	1737	rBV5	5627	9750	1.69%	0.144%
31	11.792	1750	1756	1760	rBV	21969	29307	5.08%	0.432%
32	12.061	1794	1800	1807	rBV	386192	476822	82.66%	7.025%
33	12.128	1807	1811	1815	rVB3	5526	7567	1.31%	0.111%
34	12.359	1843	1849	1856	rBV	360300	452136	78.38%	6.662%

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

35	12.652	1892	1897	1906	rVB5	5549	9030	1.57%	0.133%
36	12.896	1932	1937	1942	rVV7	4255	7263	1.26%	0.107%
37	12.957	1942	1947	1950	rVV6	4499	7167	1.24%	0.106%
38	13.000	1950	1954	1960	rVB5	4731	6804	1.18%	0.100%
39	13.335	1998	2009	2011	rBV9	8433	21008	3.64%	0.310%
40	13.621	2049	2056	2065	rBV4	11323	23618	4.09%	0.348%
41	13.884	2095	2099	2108	rBV	21775	35333	6.12%	0.521%
42	14.682	2226	2230	2234	rBV3	6059	8681	1.50%	0.128%
43	15.523	2363	2368	2375	rVB7	5872	11310	1.96%	0.167%
44	15.664	2387	2391	2395	rBV5	4419	7870	1.36%	0.116%

Sum of corrected areas: 6787108

LSC Report - Integrated Chromatogram

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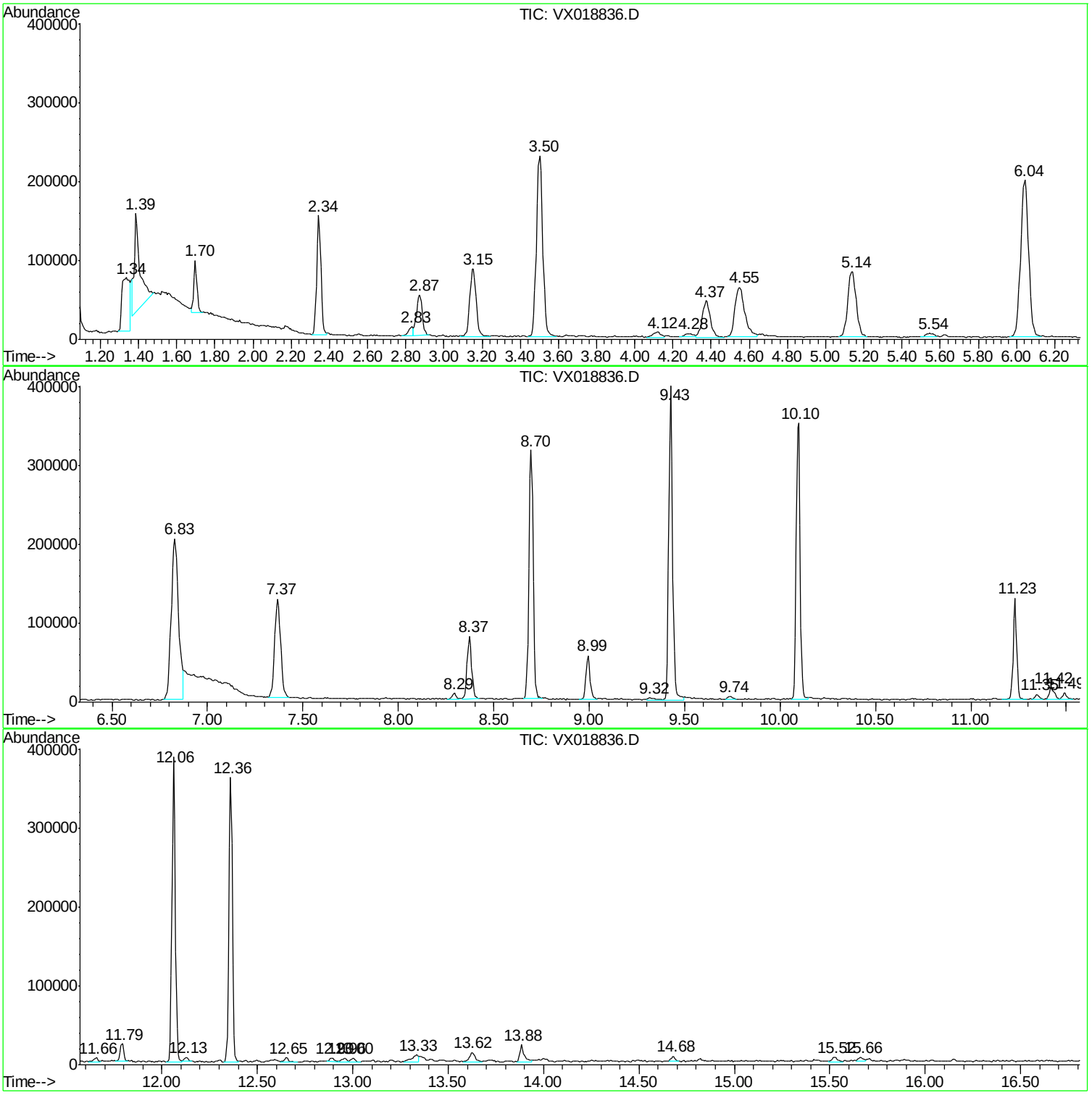
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VIBLK65

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100820\
Data File : VX018836.D
Acq On : 08 Oct 2020 14:07
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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VIBLK65

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

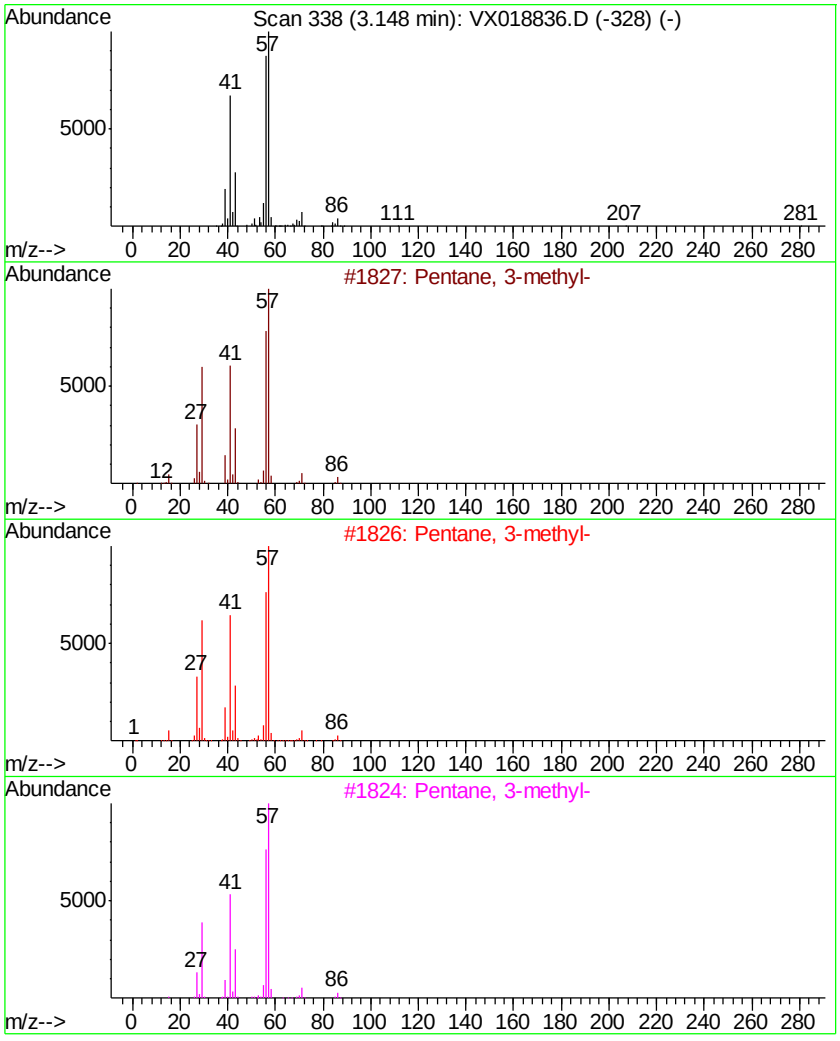
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

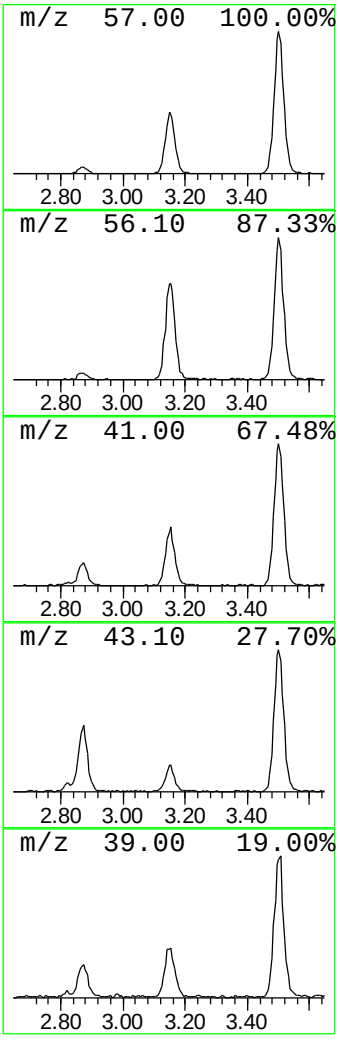
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	1.81 ug/L	198550	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





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Instrument : MSVOA_X
ClientSampleId : VIBLK65

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

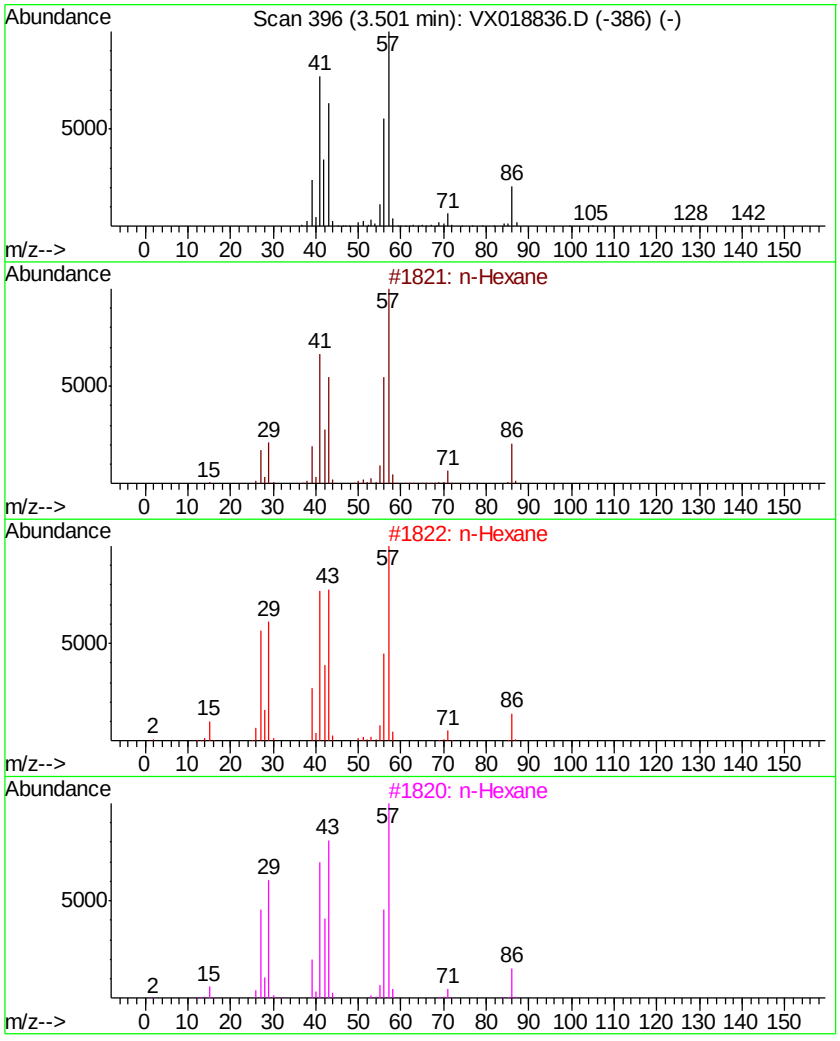
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

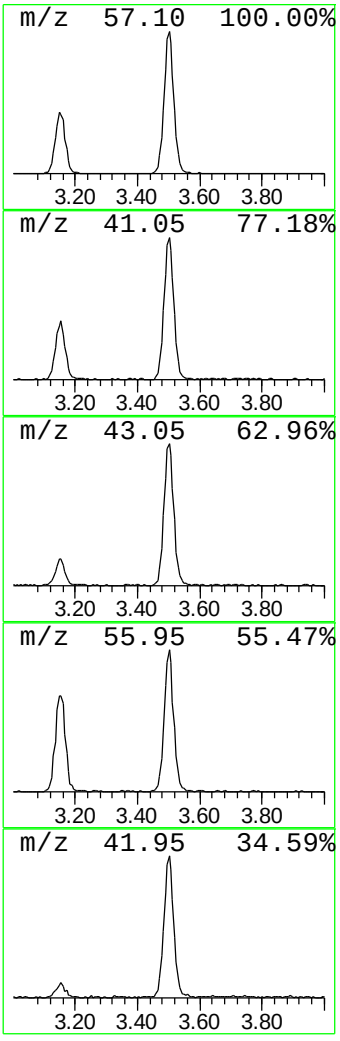
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	4.76 ug/L	520814	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	59
3	n-Hexane	86	C6H14	000110-54-3	45
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43





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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VIBLK65

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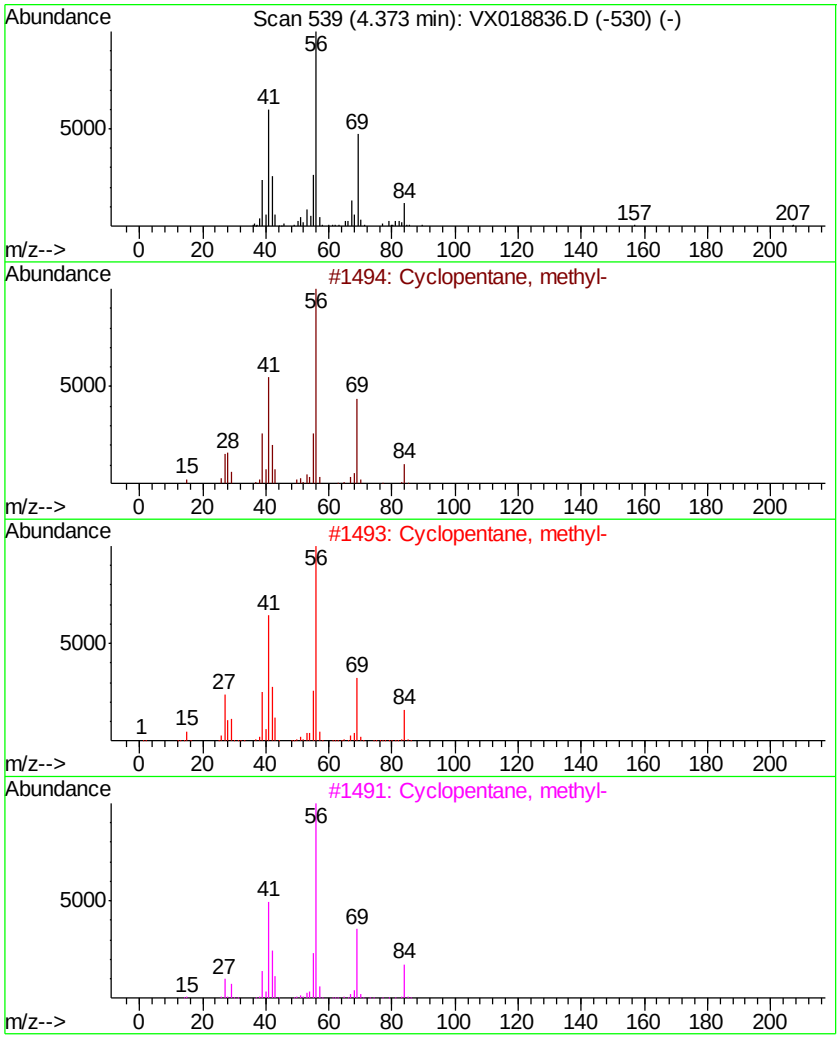
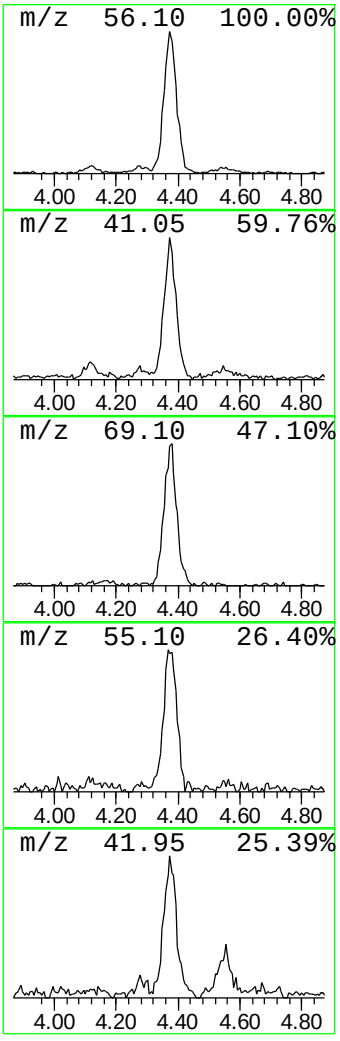
Peak Number 3 (DEL) Alkane: Cyclic4.37 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	1.27 ug/L	138624	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
4	Cyclohexane	84	C6H12	000110-82-7	72
5	Cyclohexane	84	C6H12	000110-82-7	72





Tentatively Identified Compound (LSC) summary

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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VIBLK65

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.15	1.8	ug/L	198550	1	6.83	547582	5.0
(DEL) Alkane: Str...	3.50	4.8	ug/L	520814	1	6.83	547582	5.0
(DEL) Alkane: Cyc...	4.37	1.3	ug/L	138624	1	6.83	547582	5.0