LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
Data File : VX008497.D
Acq On : 27 Mar 2019 20:53
Operator : JC/SP
Sample : K2103-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-C05-SETTLED-3H-A

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_X\METHOD\624X032719W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.611	64	75	77	rBV8	7789	20550	2.97%	0.578%
2	2.440	205	211	214	rBV	20403	33276	4.81%	0.936%
3	2.483	214	218	229	rVV	41183	74218	10.72%	2.089%
4	2.605	229	238	245	rVV	13428	26940	3.89%	0.758%
5	4.690	573	580	586	rBV3	3087	8710	1.26%	0.245%
6	5.019	621	634	646	rBV	88410	273122	39.45%	7.686%
7	6.061	796	805	817	rBV	95183	255504	36.90%	7.190%
8	6.860	925	936	948	rBV	213039	506455	73.15%	14.252%
9	8.713	1233	1240	1248	rVV	437934	692335	100.00%	19.483%
10	8.787	1248	1252	1261	rVB	13433	24665	3.56%	0.694%
11	10.109	1463	1469	1476	rBV	406390	560303	80.93%	15.768%
12	10.250	1485	1492	1499	rVB	13356	19958	2.88%	0.562%
13	10.353	1504	1509	1518	rVB	49756	73499	10.62%	2.068%
14	10.701	1560	1566	1576	rVB2	27268	45892	6.63%	1.291%
15	11.085	1625	1629	1632	rBV2	7437	9951	1.44%	0.280%
16	11.134	1632	1637	1644	rVV	326195	418636	60.47%	11.781%
17	11.231	1649	1653	1657	rVB2	11319	16142	2.33%	0.454%
18	11.810	1743	1748	1755	rVB4	4732	9150	1.32%	0.257%
19	11.938	1764	1769	1775	rVB2	14264	21170	3.06%	0.596%
20	12.024	1775	1783	1786	rVV4	7758	12996	1.88%	0.366%
21	12.060	1786	1789	1797	rVB	34941	45128	6.52%	1.270%
22	12.158	1799	1805	1810	rVB4	7811	12361	1.79%	0.348%
23	12.268	1819	1823	1834	rBV	43671	77741	11.23%	2.188%
24	12.579	1870	1874	1882	rVB3	14636	21580	3.12%	0.607%
25	12.963	1930	1937	1943	rBV	30966	44443	6.42%	1.251%
26	13.225	1973	1980	1988	rBV2	36882	58866	8.50%	1.657%
27	13.493	2018	2024	2027	rBV3	12313	17775	2.57%	0.500%
28	13.566	2032	2036	2041	rVV2	16317	23410	3.38%	0.659%
29	13.639	2041	2048	2054	rVV5	14856	29207	4.22%	0.822%
30	13.719	2056	2061	2066	rVV4	10828	17962	2.59%	0.505%
31	13.786	2067	2072	2077	rVV2	38007	53598	7.74%	1.508%
32	13.834	2077	2080	2086	rVB	10291	14387	2.08%	0.405%
33	14.261	2146	2150	2158	rVB6	3489	7452	1.08%	0.210%
34	14.694	2214	2221	2224	rVB2	7586	11502	1.66%	0.324%

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ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-C05-SETTLED-3H-A

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_X\METHOD\624X032719W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

35	14.834	2240	2244	2249	rVV2	10732	14600	2.11%	0.411%

Sum of corrected areas: 3553484

LSC Report - Integrated Chromatogram

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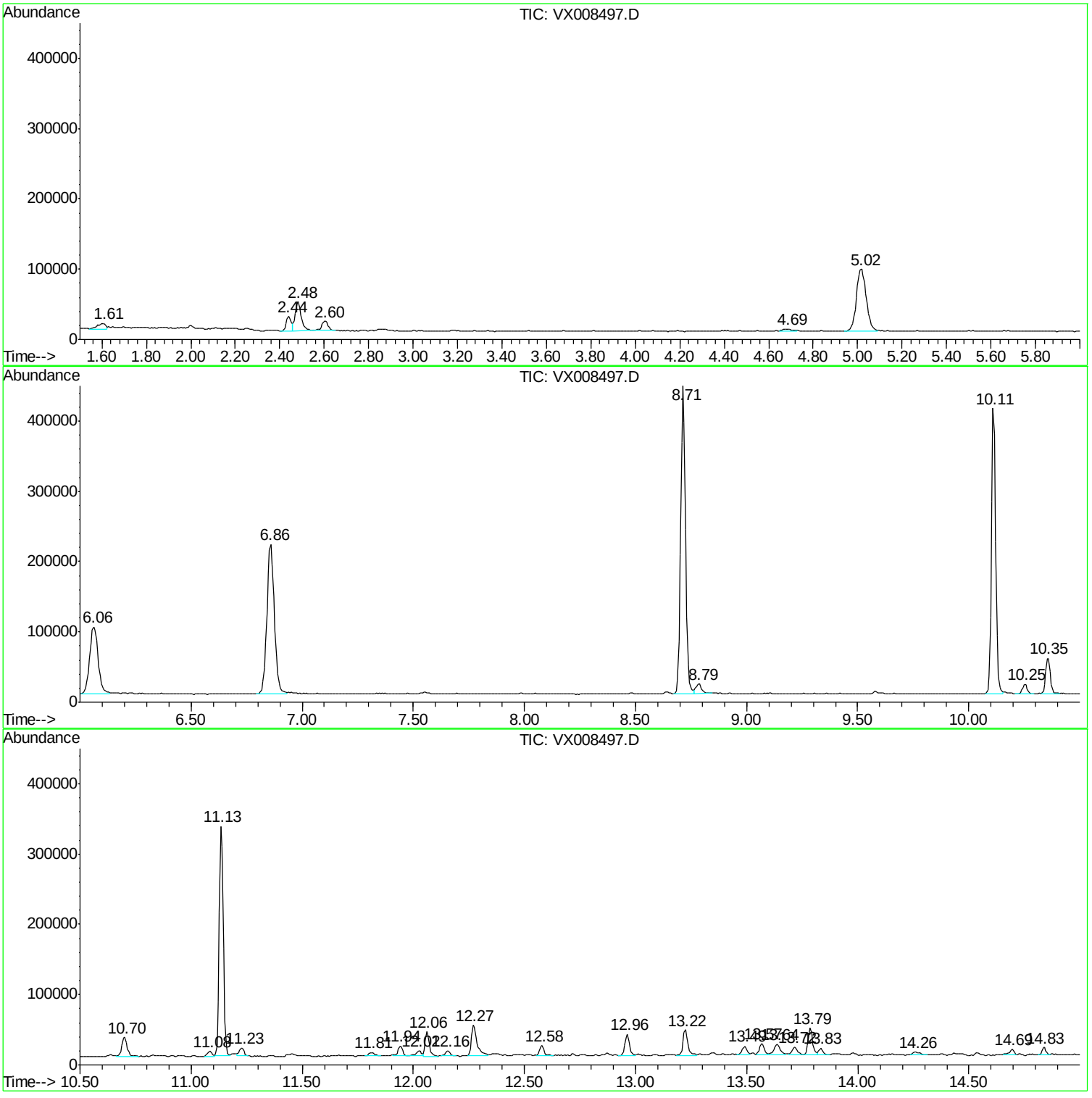
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-3H-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008497.D
Acq On : 27 Mar 2019 20:53
Operator : JC/SP
Sample : K2103-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-C05-SETTLED-3H-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

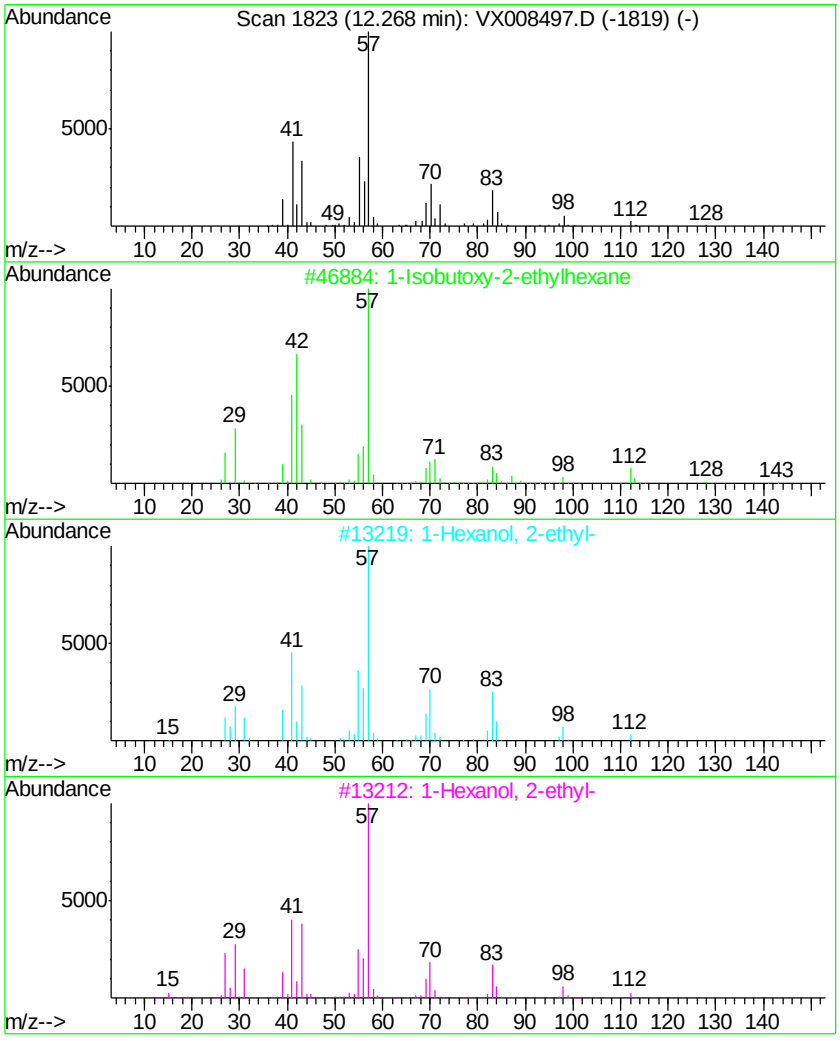
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

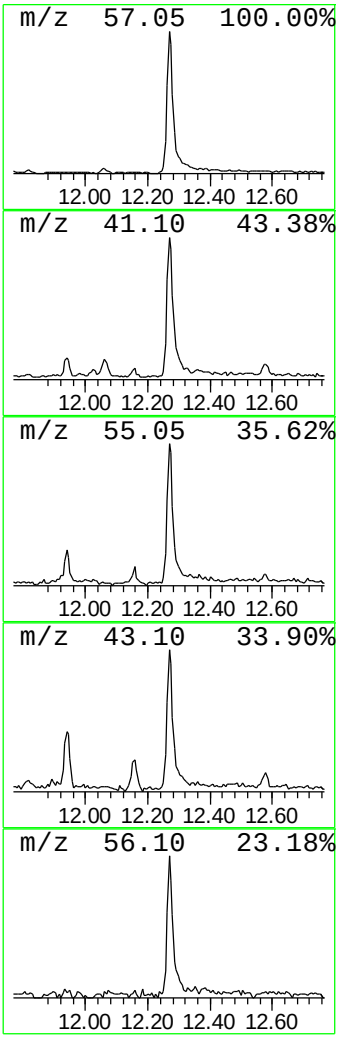
****

Peak Number 1 1-Isobutoxy-2-ethylhexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	4.16 ug/l	77741	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53





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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-C05-SETTLED-3H-A

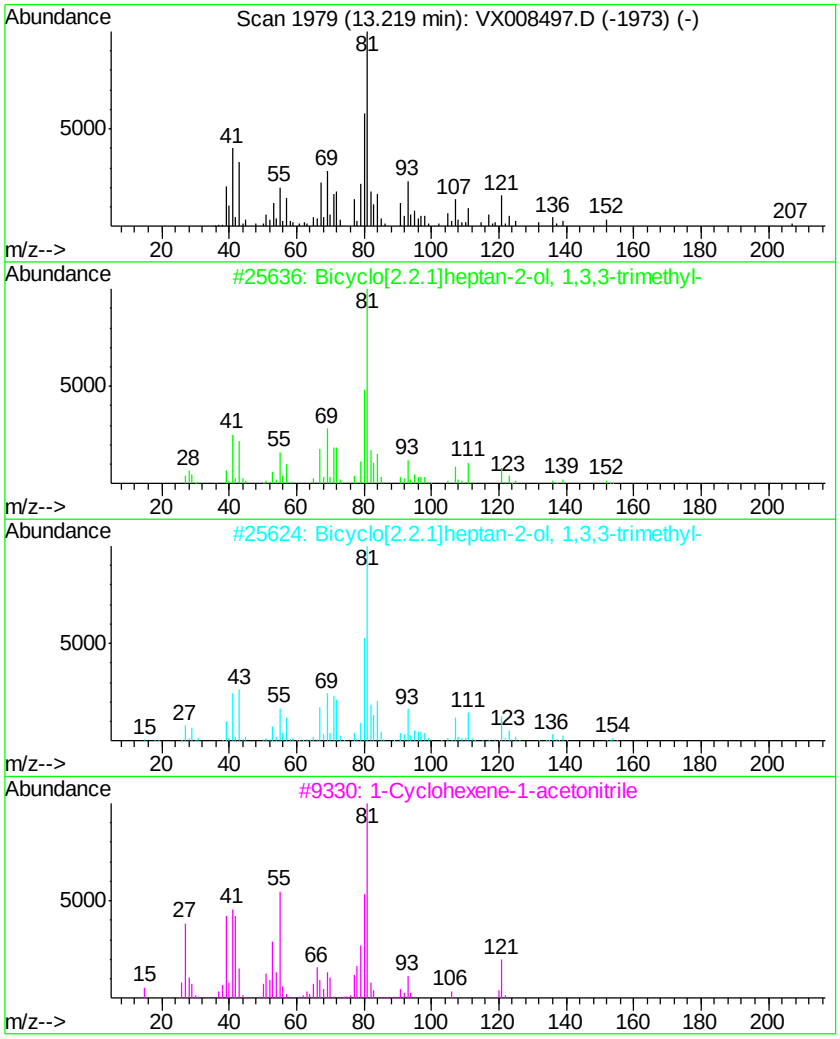
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

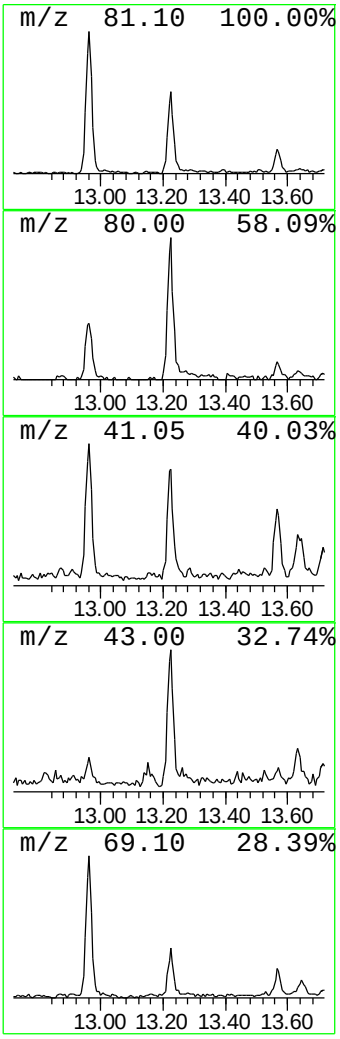
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	3.15 ug/l	58866	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	64
2	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	58
3	1-Cyclohexene-1-acetonitrile	121	C8H11N	006975-71-9	53
4	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	47
5	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	47





Tentatively Identified Compound (LSC) summary

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Sample : K2103-05
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ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-C05-SETTLED-3H-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Isobutoxy-2-eth...	12.27	4.2	ug/l	77741	3	10.11	560303	30.0
Bicyclo[2.2.1]hep...	13.22	3.1	ug/l	58866	3	10.11	560303	30.0