LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
Data File : VL040101.D
Acq On : 16 Jan 2023 17:09
Operator : SY/MD
Sample : 01143-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BH1N3

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 3 Min Area: 3 % of largest Peak
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 0

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

Signal : TIC: VL040101.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.664	13	19	25	rBV	387187	382702	1.25%	0.388%
2	2.719	32	36	48	rVB	383762	450272	1.47%	0.456%
3	3.234	186	196	218	rBV3	151356	331183	1.08%	0.336%
4	3.472	260	270	287	rBV3	291452	637572	2.08%	0.646%
5	3.558	287	297	320	rVV	1305990	2011412	6.55%	2.038%
6	3.726	341	349	361	rBV	234530	341731	1.11%	0.346%
7	3.877	383	396	404	rBV2	298589	454090	1.48%	0.460%
8	3.928	404	412	433	rVB2	707750	1088402	3.54%	1.103%
9	4.597	611	620	633	rVB5	164900	321504	1.05%	0.326%
10	5.079	757	770	794	rBV2	1786862	3162312	10.30%	3.204%
11	5.195	794	806	825	rVV2	2529169	5345184	17.41%	5.416%
12	6.658	1245	1261	1282	rBV	3749928	7386312	24.06%	7.484%
13	7.301	1441	1461	1494	rBV	14334892	30703614	100.00%	31.111%
14	10.632	2477	2497	2524	rBV2	11075040	25381864	82.67%	25.718%
15	11.127	2631	2651	2669	rBV4	402357	1081856	3.52%	1.096%
16	11.481	2735	2761	2795	rBV2	3795540	8745815	28.48%	8.862%
17	13.793	3461	3480	3507	rBV2	3768993	9069990	29.54%	9.190%
18	14.696	3745	3761	3785	rVB2	563078	1467021	4.78%	1.486%
19	16.391	4265	4288	4289	rBV3	175183	328889	1.07%	0.333%

Sum of corrected areas: 98691725

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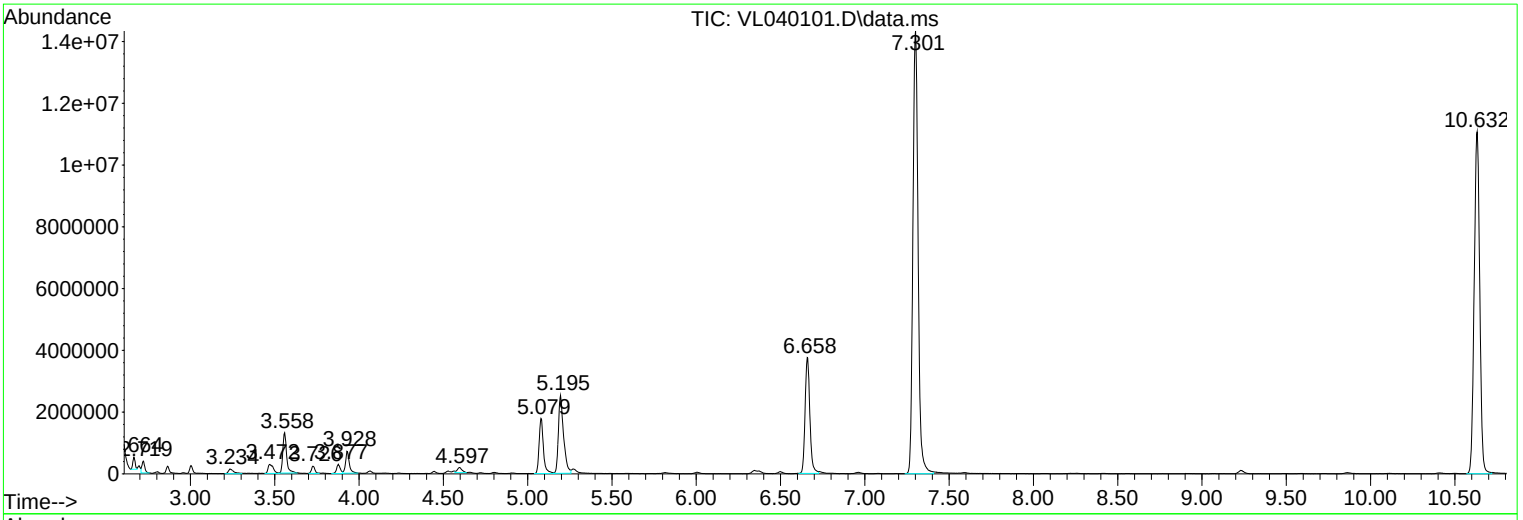
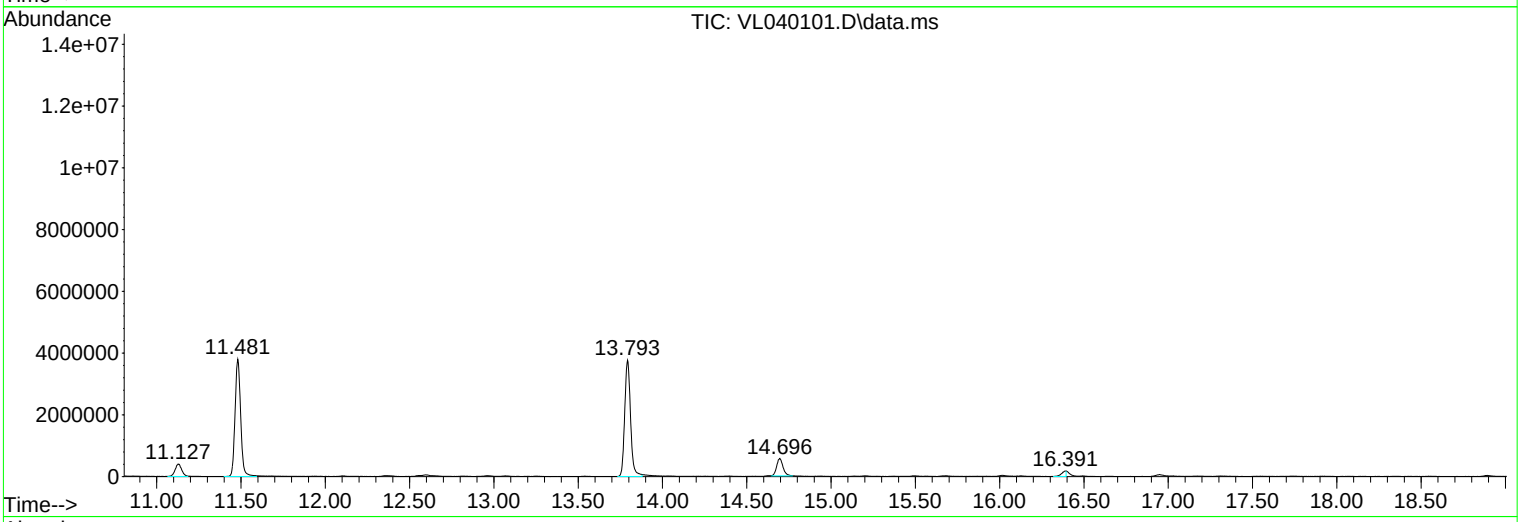
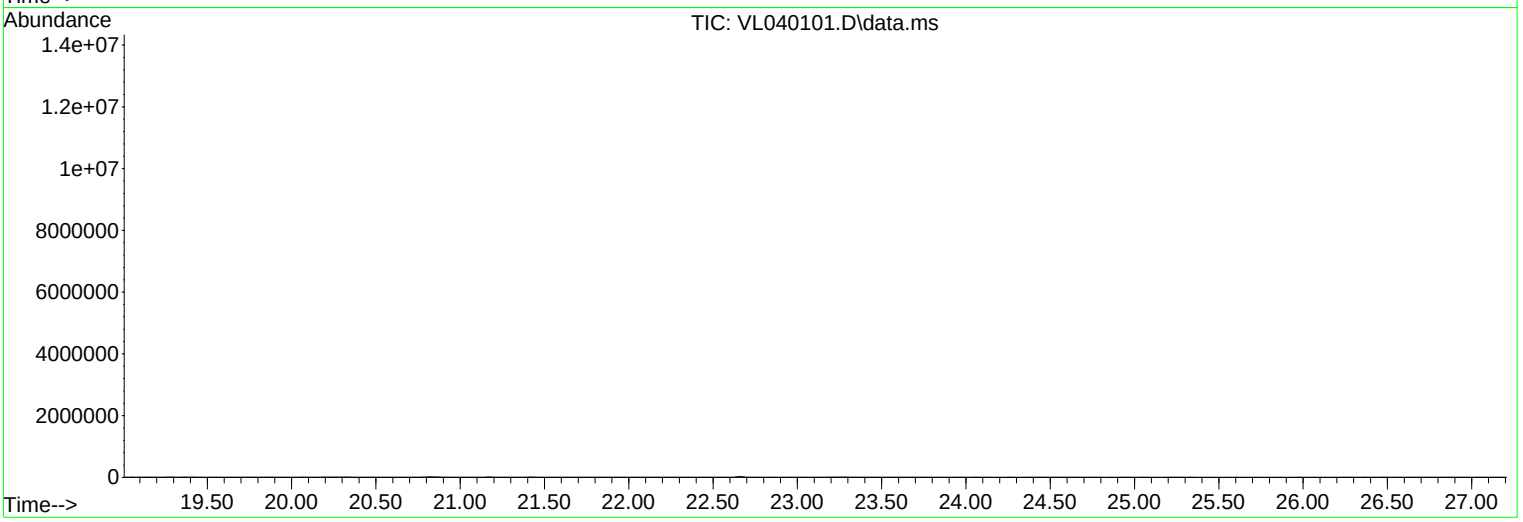
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

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







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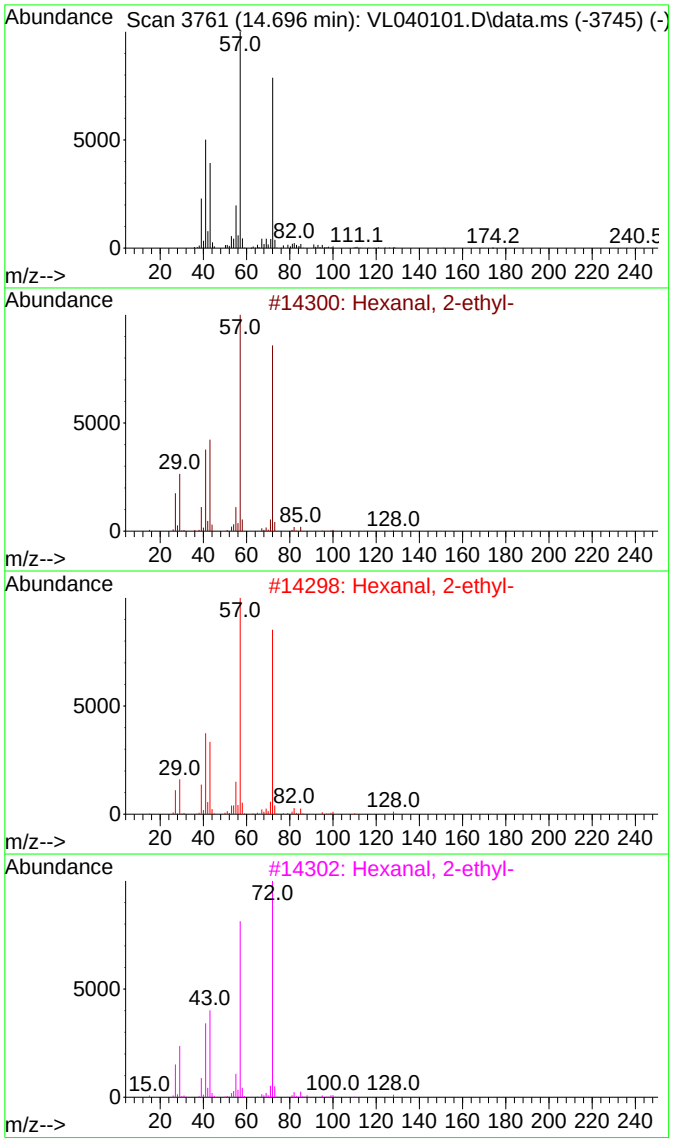
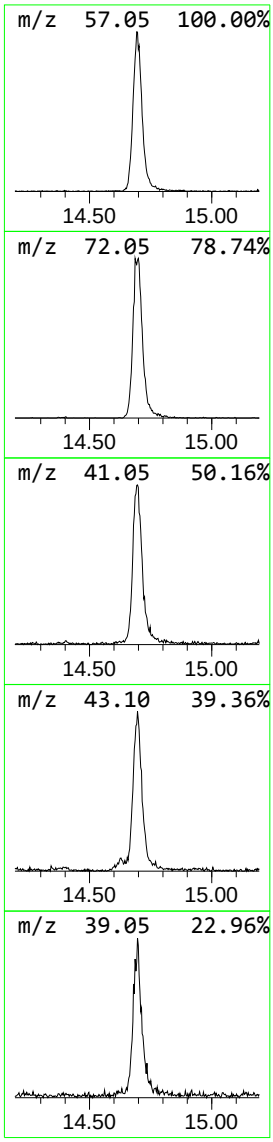
Peak Number 2 Hexanal, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.696	1.68 ppbv	1467020	Chlorobenzene-d5	11.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	91
2	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	78
3	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	78
4	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	78
5	2-Propanone, hydrazone	72	C3H8N2	005281-20-9	56





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal, 2-ethyl-	14.696	1.7	ppbv	1467020	3	11.481	8745820	10.0