LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
Data File : VL042250.D
Acq On : 08 Apr 2025 01:17
Operator : SY/MD
Sample : Q1725-08 4X
Misc : 400mL/MSVOA_L
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-2-03312025

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\VL032725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

Signal : TIC: VL042250.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.434	411	416	422	rBV	4492919	5124373	100.00%	24.761%
2	1.492	430	434	443	rVB	297969	162176	3.16%	0.784%
3	1.564	452	456	460	rBV	148915	84508	1.65%	0.408%
4	1.729	502	507	514	rBV	3082608	1939692	37.85%	9.372%
5	1.842	538	542	553	rBV	2357941	1567991	30.60%	7.576%
6	1.894	553	558	571	rBV	3875144	2851049	55.64%	13.776%
7	2.570	762	767	780	rBV	324753	318977	6.22%	1.541%
8	2.803	831	839	846	rBV	717451	752038	14.68%	3.634%
9	2.861	846	857	867	rVB4	54377	86688	1.69%	0.419%
10	3.981	1186	1203	1221	rBV	908099	1376068	26.85%	6.649%
11	6.965	2110	2125	2142	rBV	44607	91700	1.79%	0.443%
12	8.250	2510	2522	2533	rBV3	97022	154460	3.01%	0.746%
13	8.904	2706	2724	2735	rBV	1124419	1588270	30.99%	7.674%
14	9.170	2796	2806	2820	rBV	868864	1176622	22.96%	5.685%
15	9.552	2913	2924	2929	rBV3	49948	76587	1.49%	0.370%
16	9.982	3042	3057	3068	rBV5	31409	57667	1.13%	0.279%
17	10.393	3170	3184	3197	rBV	1415377	1671963	32.63%	8.079%
18	11.555	3531	3543	3552	rBV4	44777	64432	1.26%	0.311%
19	12.060	3682	3699	3708	rBV	1338467	1341211	26.17%	6.481%
20	12.439	3805	3816	3827	rBV8	42462	64097	1.25%	0.310%
21	13.400	4104	4113	4122	rBV	129319	145001	2.83%	0.701%

Sum of corrected areas: 20695570

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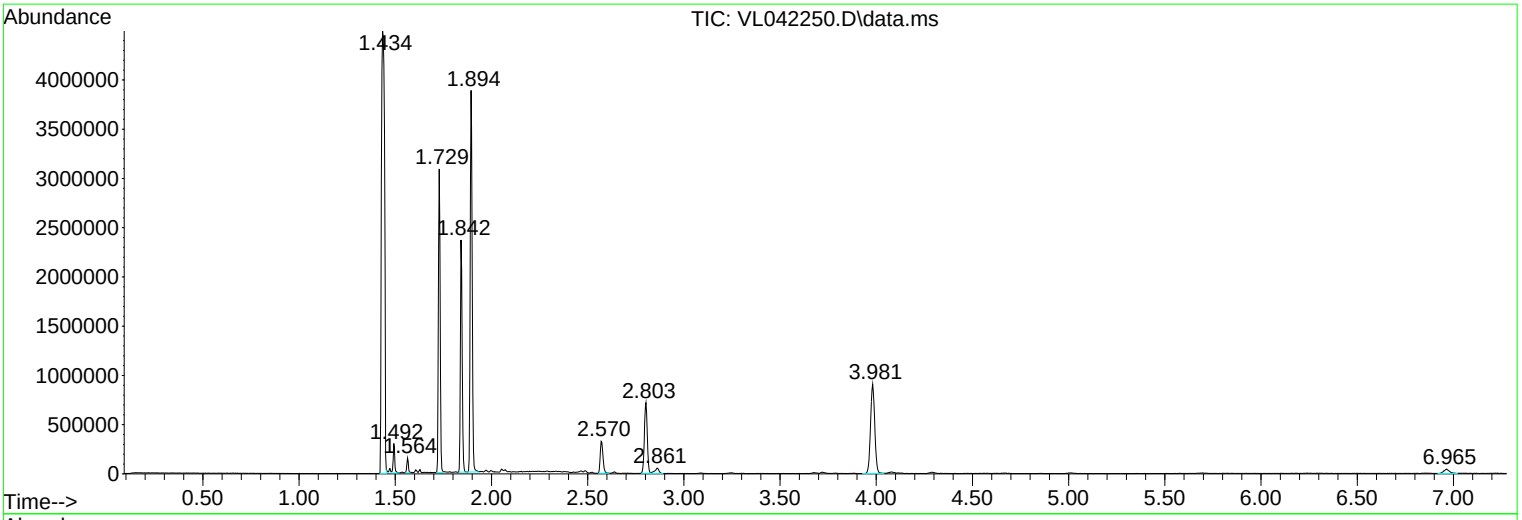
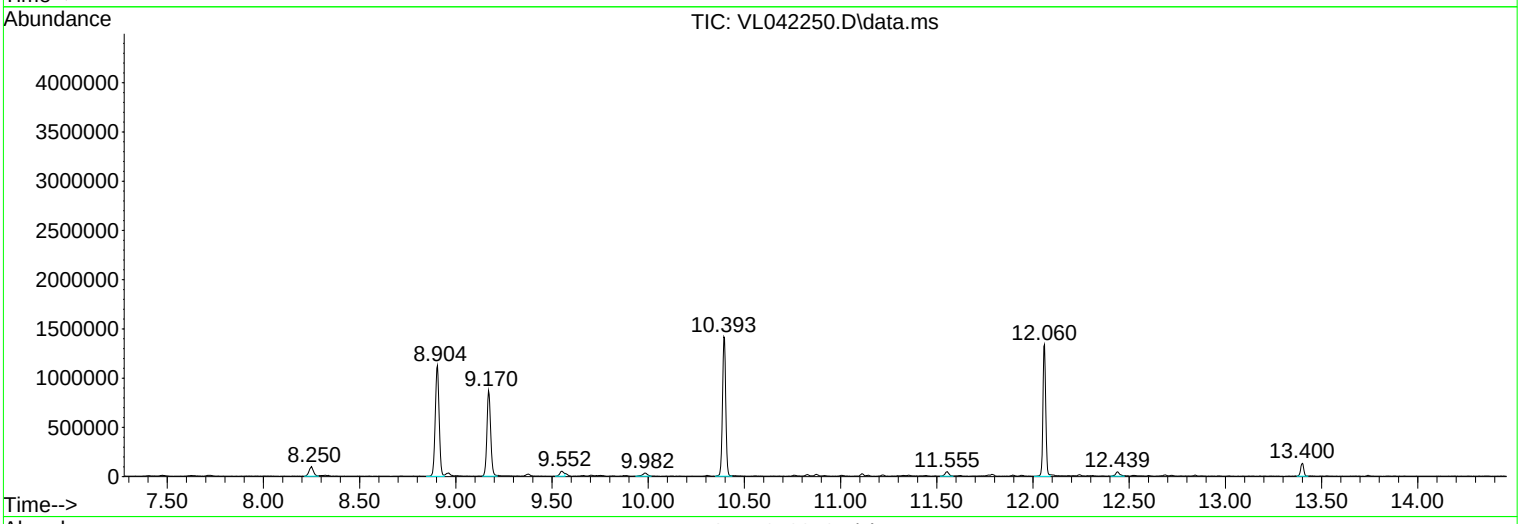
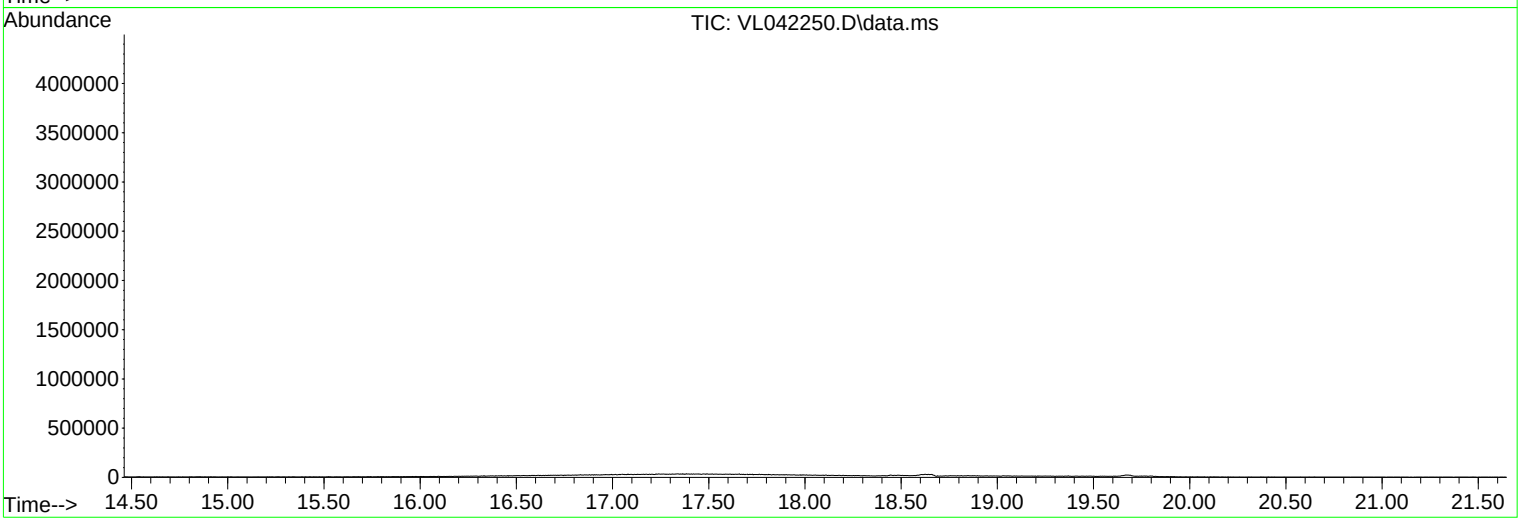
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

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







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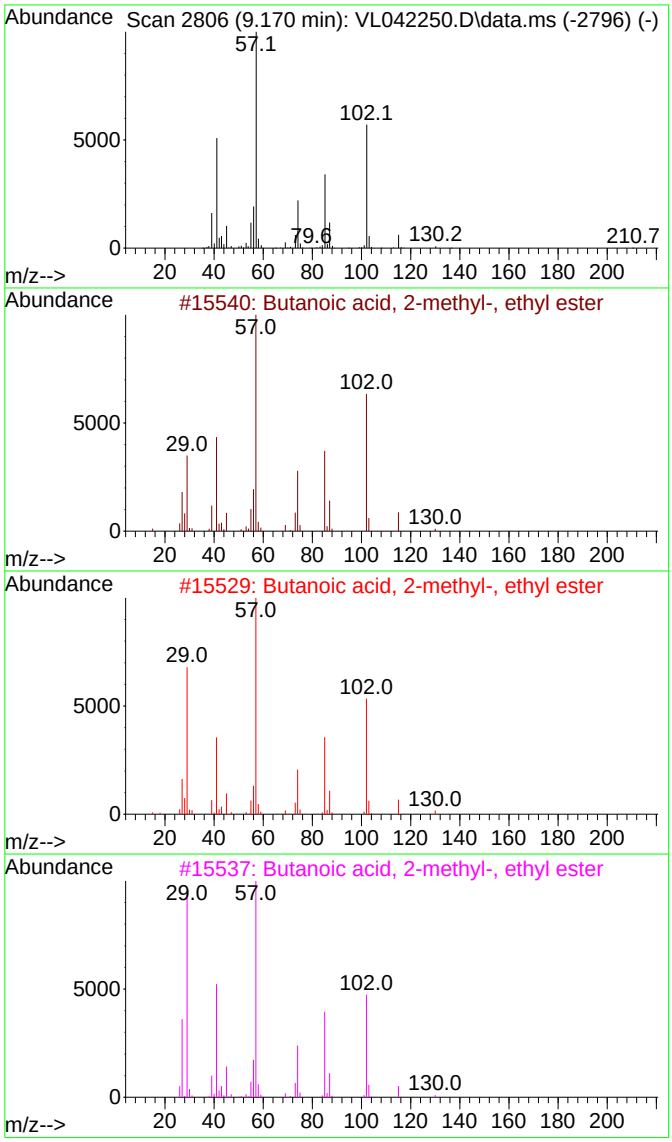
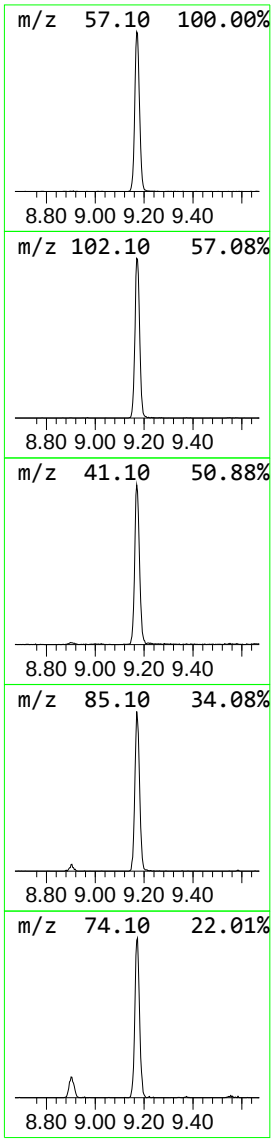
Peak Number 2 Butanoic acid, 2-methyl-, e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.170	7.41 ppbv	1176620	Chlorobenzene-d5	8.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, ethyl ...	130	C7H14O2	007452-79-1	95
2	Butanoic acid, 2-methyl-, ethyl ...	130	C7H14O2	007452-79-1	90
3	Butanoic acid, 2-methyl-, ethyl ...	130	C7H14O2	007452-79-1	90
4	Butanoic acid, 2-methyl-, ethyl ...	130	C7H14O2	007452-79-1	74
5	Butanoic acid, 2-methyl-, ethyl ...	130	C7H14O2	007452-79-1	64





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

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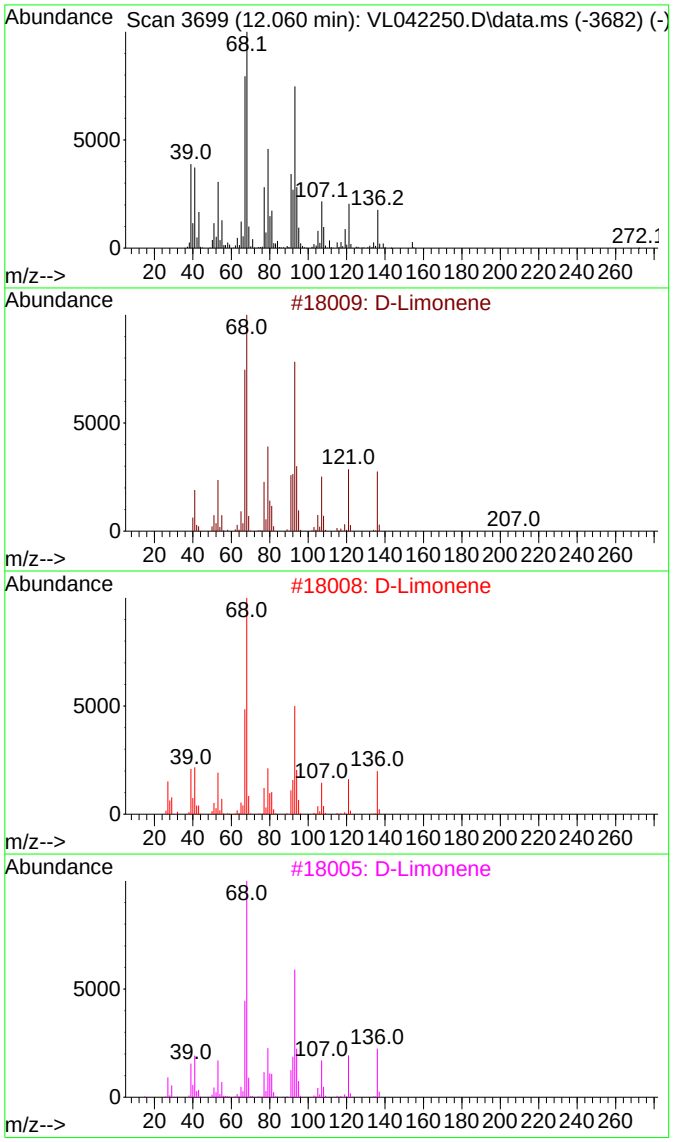
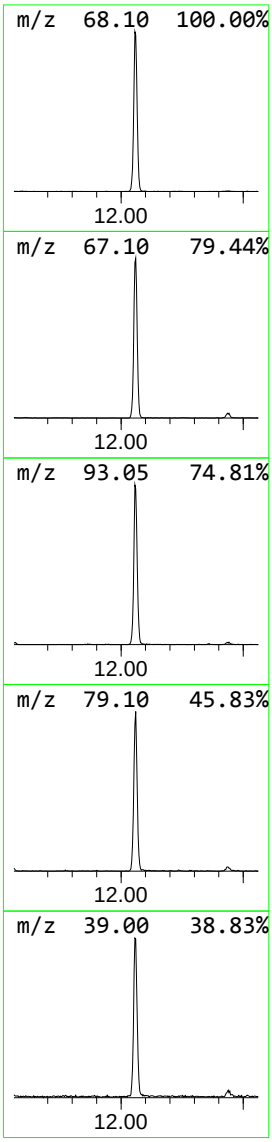
Peak Number 3 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	8.44 ppbv	1341210	Chlorobenzene-d5	8.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	96
2	D-Limonene	136	C10H16	005989-27-5	93
3	D-Limonene	136	C10H16	005989-27-5	93
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	91
5	Limonene	136	C10H16	000138-86-3	89





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butanoic acid, ...	9.170	7.4	ppbv	1176620	3	8.904	1588270	10.0
D-Limonene	12.060	8.4	ppbv	1341210	3	8.904	1588270	10.0