LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042806.D
Acq On : 04 Aug 2025 15:44
Operator : SY/MD
Sample : Q2750-07
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-8

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\VL072325AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

Signal : TIC: VL042806.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.427	410	414	417	rBV	4763234	5005736	10.54%	3.999%
2	1.440	417	418	424	rVV	4460637	1863388	3.92%	1.489%
3	1.476	424	429	431	rVV	4285514	2478155	5.22%	1.980%
4	1.489	431	433	440	rVB	2178954	964602	2.03%	0.771%
5	1.560	451	455	460	rBV	4714628	2484908	5.23%	1.985%
6	1.728	501	507	526	rBV	3439109	6851145	14.43%	5.474%
7	1.835	536	540	551	rBV	4752713	3773375	7.95%	3.015%
8	1.929	551	569	570	rBV2	17712411	43153903	90.87%	34.478%
9	1.974	570	583	586	rVB	18330156	47487266	100.00%	37.940%
10	2.793	827	836	842	rBV	617804	651873	1.37%	0.521%
11	2.842	842	851	866	rVB2	284855	571574	1.20%	0.457%
12	3.962	1182	1197	1215	rVB	780401	1224588	2.58%	0.978%
13	8.885	2706	2718	2730	rBV	984710	1427640	3.01%	1.141%
14	10.380	3167	3180	3194	rBV	1349492	1650044	3.47%	1.318%
15	10.862	3320	3329	3340	rVB	469757	561639	1.18%	0.449%
16	11.429	3495	3504	3515	rVB	691924	770016	1.62%	0.615%
17	11.853	3627	3635	3643	rBV	1161586	1211888	2.55%	0.968%
18	12.047	3686	3695	3705	rBV	2900775	3032663	6.39%	2.423%

Sum of corrected areas: 125164403

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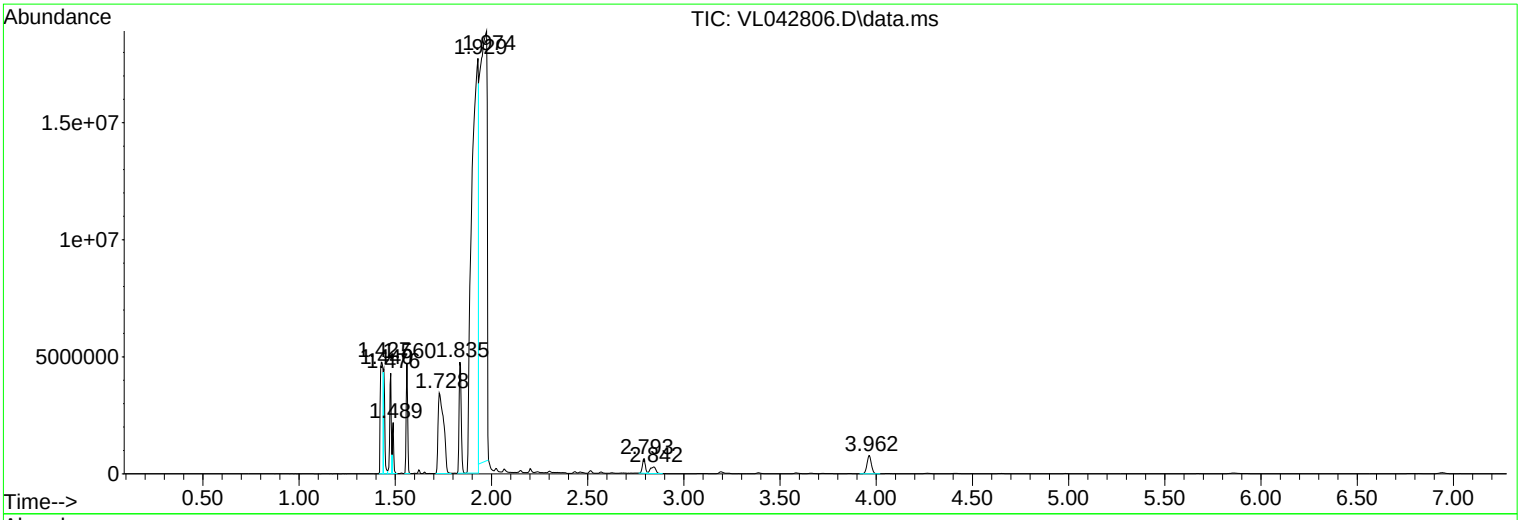
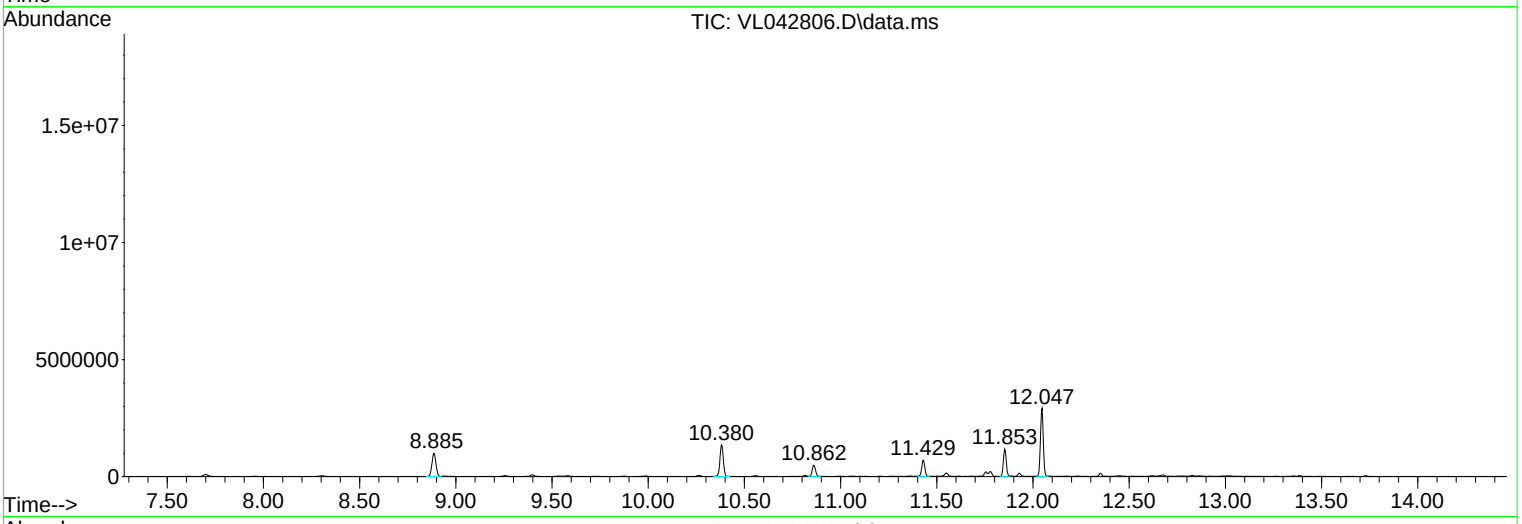
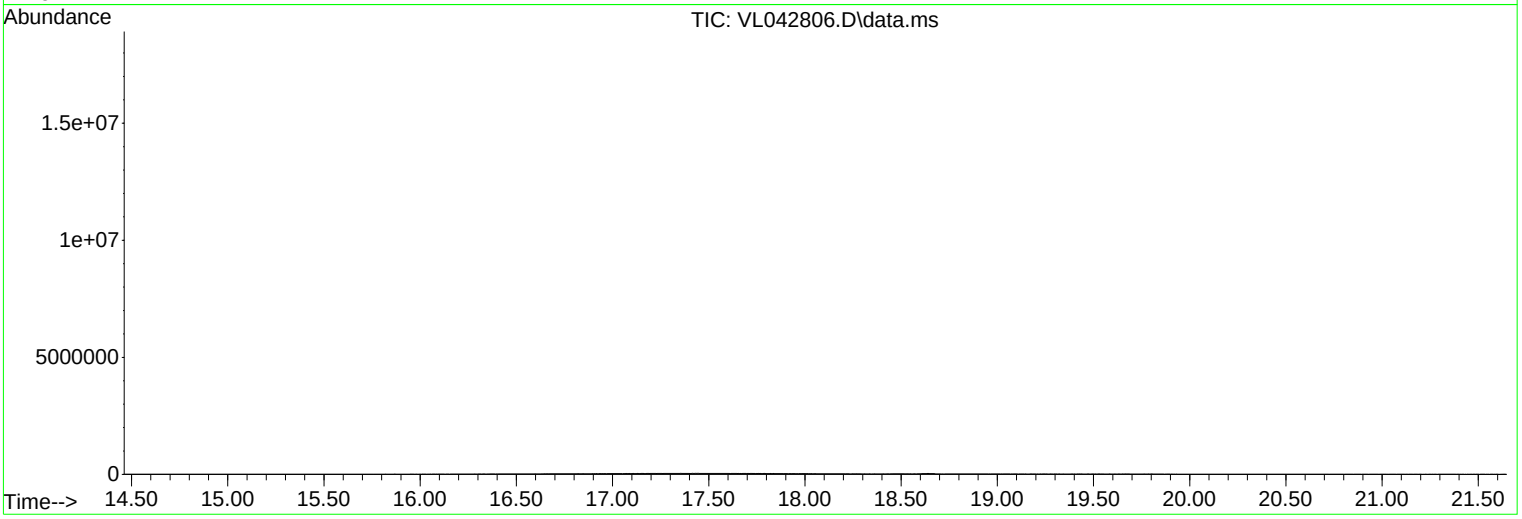
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.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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MSVOA_L
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

TIC Library : C:\Database\NIST20.L
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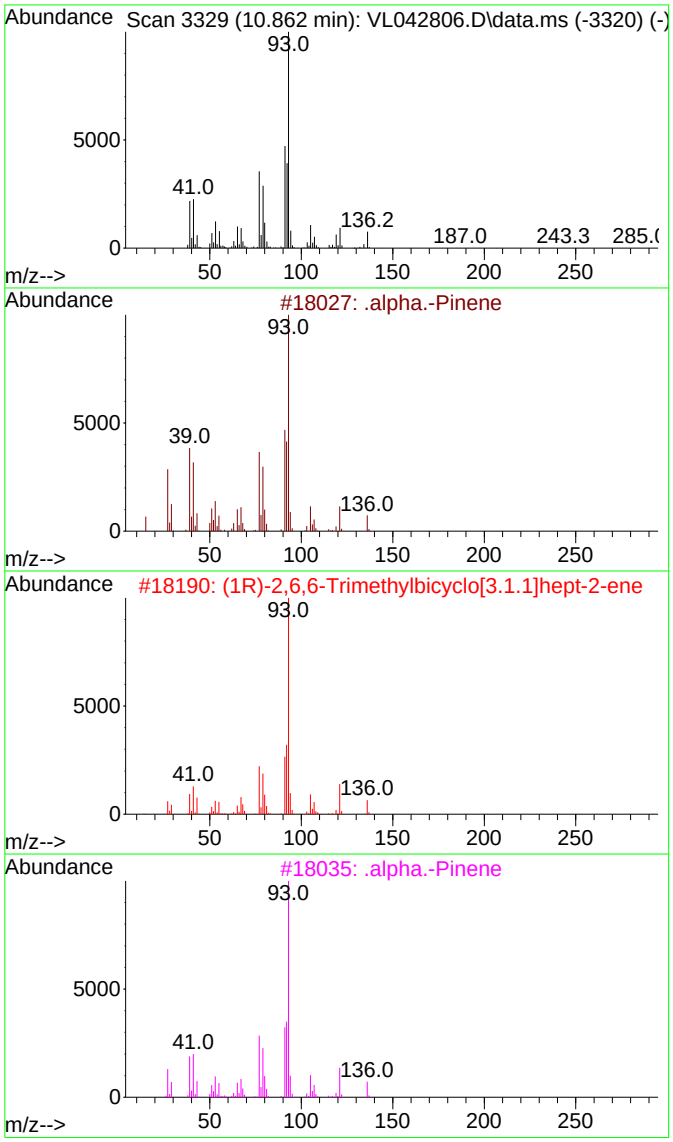
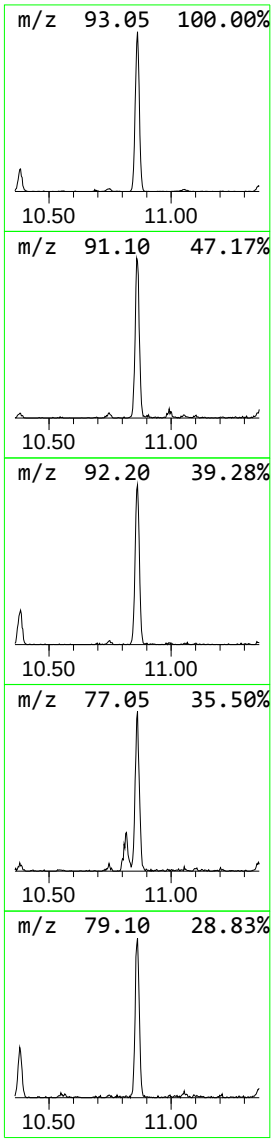
Peak Number 1 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.862	3.93 ppbv	561639	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	90
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90
5	.alpha.-Pinene	136	C10H16	000080-56-8	87





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.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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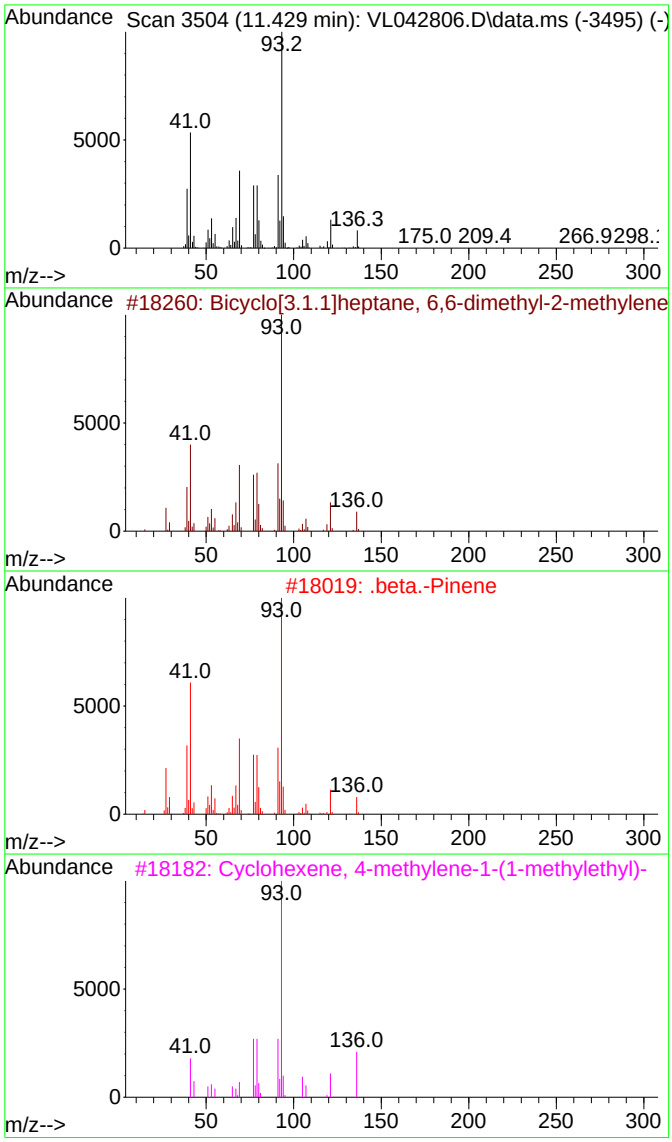
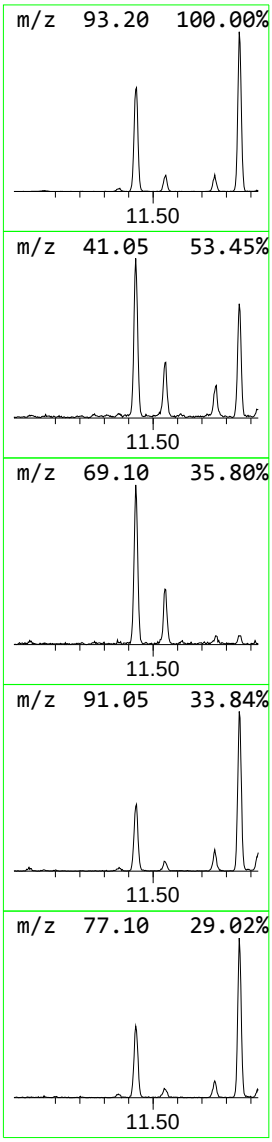
Peak Number 2 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.429	5.39 ppbv	770016	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
2	.beta.-Pinene	136	C10H16	000127-91-3	96
3	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
5	.beta.-Pinene	136	C10H16	000127-91-3	91





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Data File : VL042806.D
Acq On : 04 Aug 2025 15:44
Operator : SY/MD
Sample : Q2750-07
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.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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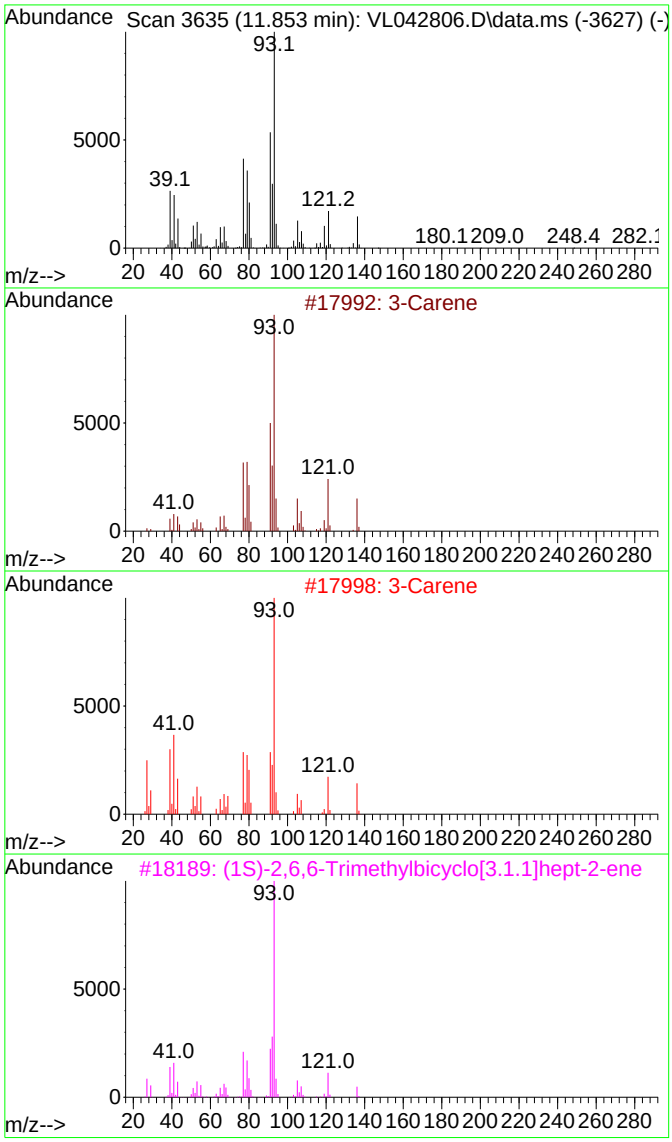
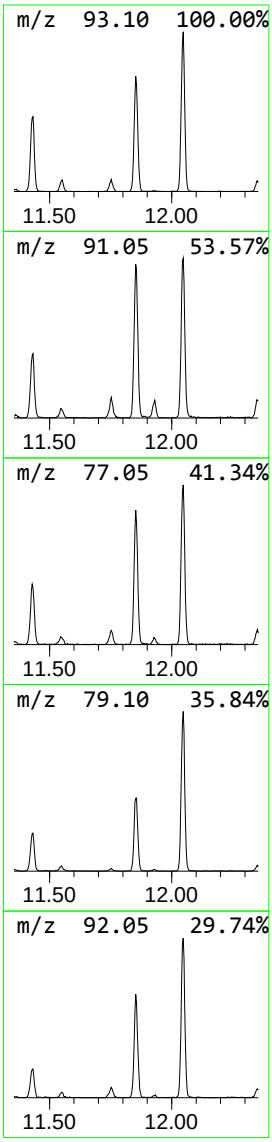
Peak Number 3 3-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.853	8.49 ppbv	1211890	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	95
2	3-Carene	136	C10H16	013466-78-9	95
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
4	3-Carene	136	C10H16	013466-78-9	90
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90





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Acq On : 04 Aug 2025 15:44
Operator : SY/MD
Sample : Q2750-07
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.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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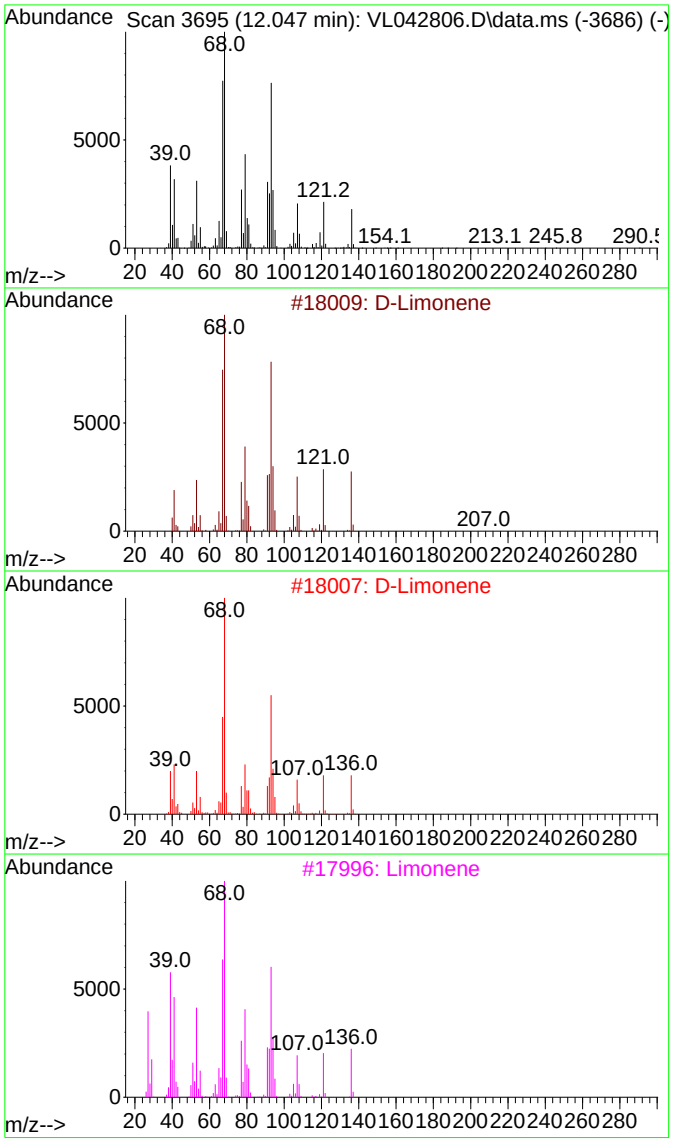
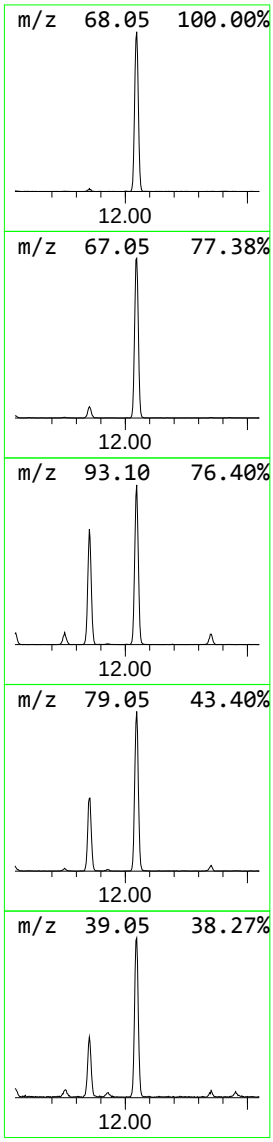
Peak Number 4 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.047	21.24 ppbv	3032660	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	D-Limonene	136	C10H16	005989-27-5	94
3	Limonene	136	C10H16	000138-86-3	94
4	D-Limonene	136	C10H16	005989-27-5	93
5	D-Limonene	136	C10H16	005989-27-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
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Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Pinene	10.862	3.9	ppbv	561639	3	8.885	1427640	10.0
Bicyclo[3.1.1]h...	11.429	5.4	ppbv	770016	3	8.885	1427640	10.0
3-Carene	11.853	8.5	ppbv	1211890	3	8.885	1427640	10.0
D-Limonene	12.047	21.2	ppbv	3032660	3	8.885	1427640	10.0