LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042807.D
Acq On : 04 Aug 2025 16:17
Operator : SY/MD
Sample : Q2750-08
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-9

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: VL042807.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.428	410	414	416	rBV	4755785	4235504	10.40%	4.131%
2	1.438	416	417	421	rVV	4895670	2376896	5.83%	2.318%
3	1.473	424	428	431	rVV	3433643	2058255	5.05%	2.008%
4	1.489	431	433	439	rVB	1695029	777305	1.91%	0.758%
5	1.561	451	455	459	rBV	3965534	2128198	5.22%	2.076%
6	1.729	499	507	519	rBV	3229970	5136003	12.61%	5.010%
7	1.836	535	540	548	rBV	4782612	3633120	8.92%	3.544%
8	1.926	551	568	569	rBV2	17442401	40740364	100.00%	39.739%
9	1.959	569	578	581	rVB2	17826574	32437431	79.62%	31.640%
10	2.790	826	835	842	rBV	603882	628941	1.54%	0.613%
11	3.959	1184	1196	1209	rBV	750934	1172219	2.88%	1.143%
12	8.885	2704	2718	2728	rBV	953835	1392895	3.42%	1.359%
13	10.380	3164	3180	3191	rBV	1309529	1589757	3.90%	1.551%
14	11.429	3494	3504	3514	rVB	507243	561482	1.38%	0.548%
15	11.853	3627	3635	3643	rBV	837229	885230	2.17%	0.863%
16	12.044	3684	3694	3705	rBV	2225409	2302669	5.65%	2.246%
17	13.387	4102	4109	4117	rVB	470616	463652	1.14%	0.452%

Sum of corrected areas: 102519921

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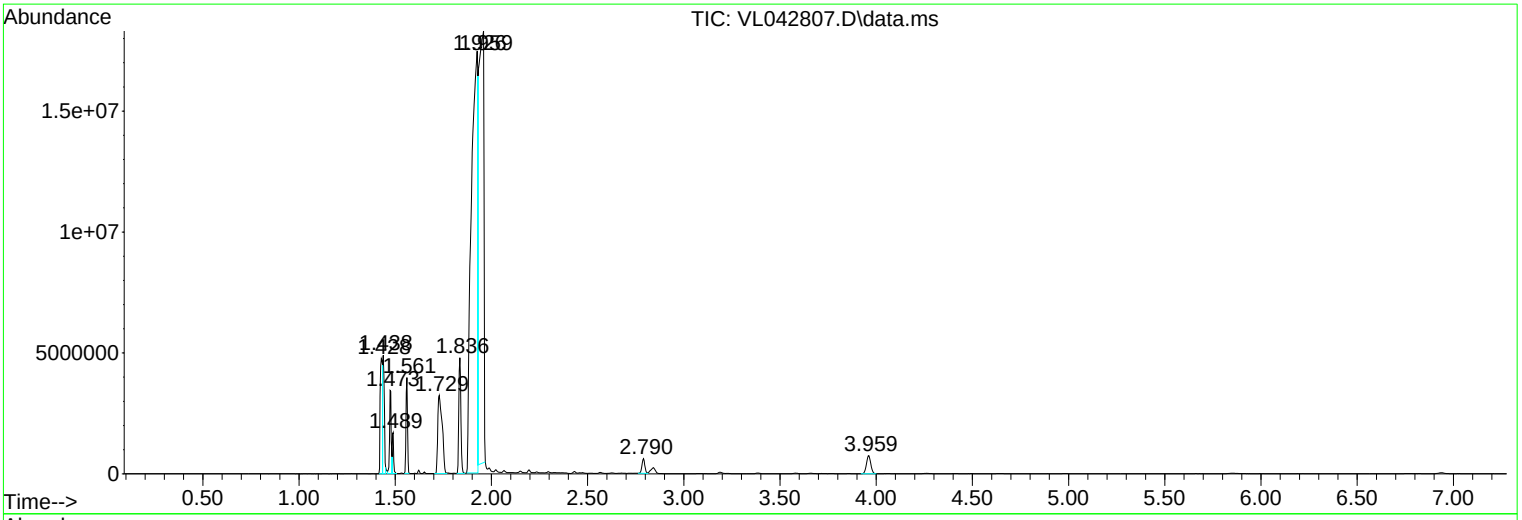
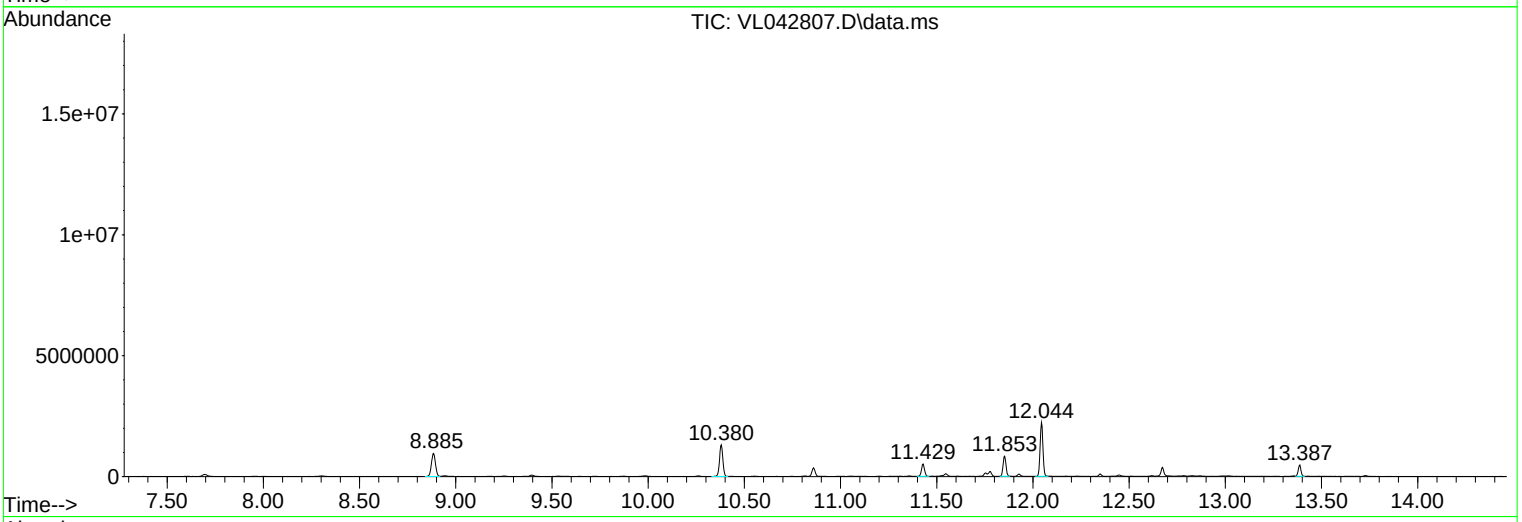
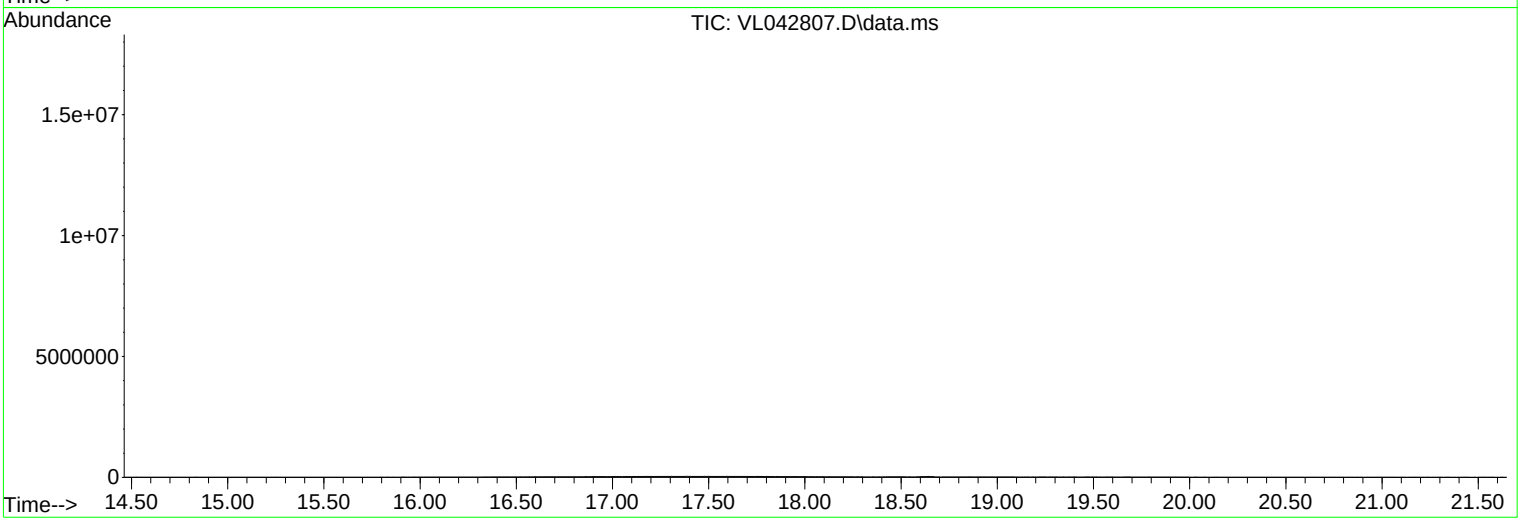
MSVOA_L
ClientSampleId :
WONDER IA-9

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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Data File : VL042807.D
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Operator : SY/MD
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Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-9

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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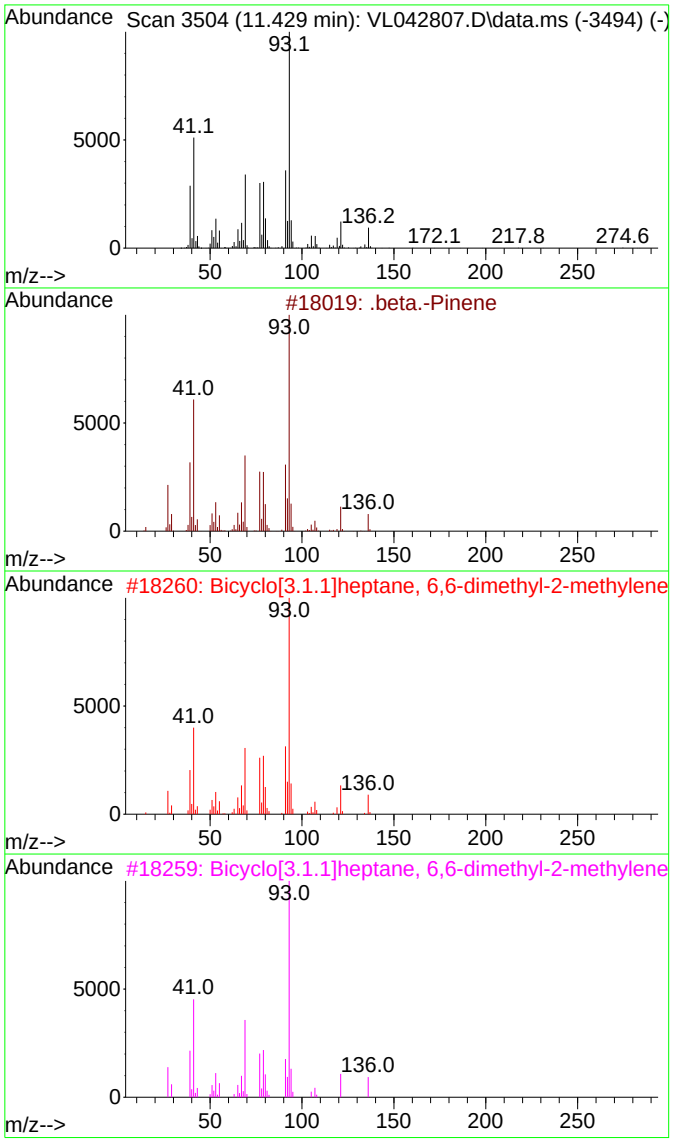
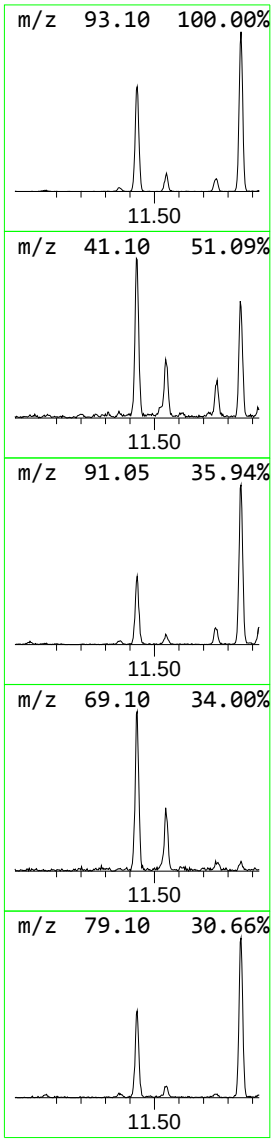
Peak Number 1 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.429	4.03 ppbv	561482	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	96
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	95
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	90





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Sample : Q2750-08
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-9

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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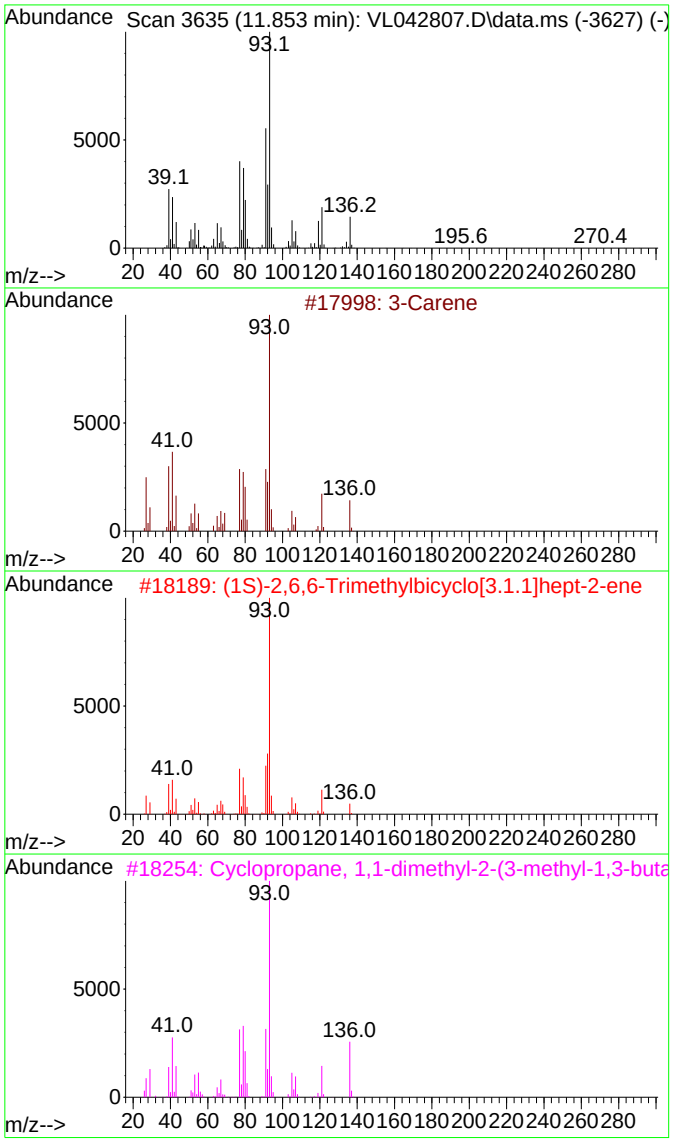
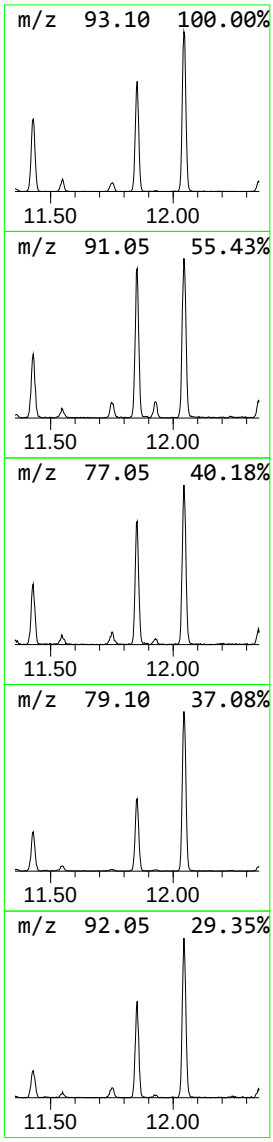
Peak Number 2 3-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.853	6.36 ppbv	885230	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	94
2	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90
3	Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	90
4	Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	90
5	.gamma.-Terpinene	136	C10H16	000099-85-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042807.D
Acq On : 04 Aug 2025 16:17
Operator : SY/MD
Sample : Q2750-08
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-9

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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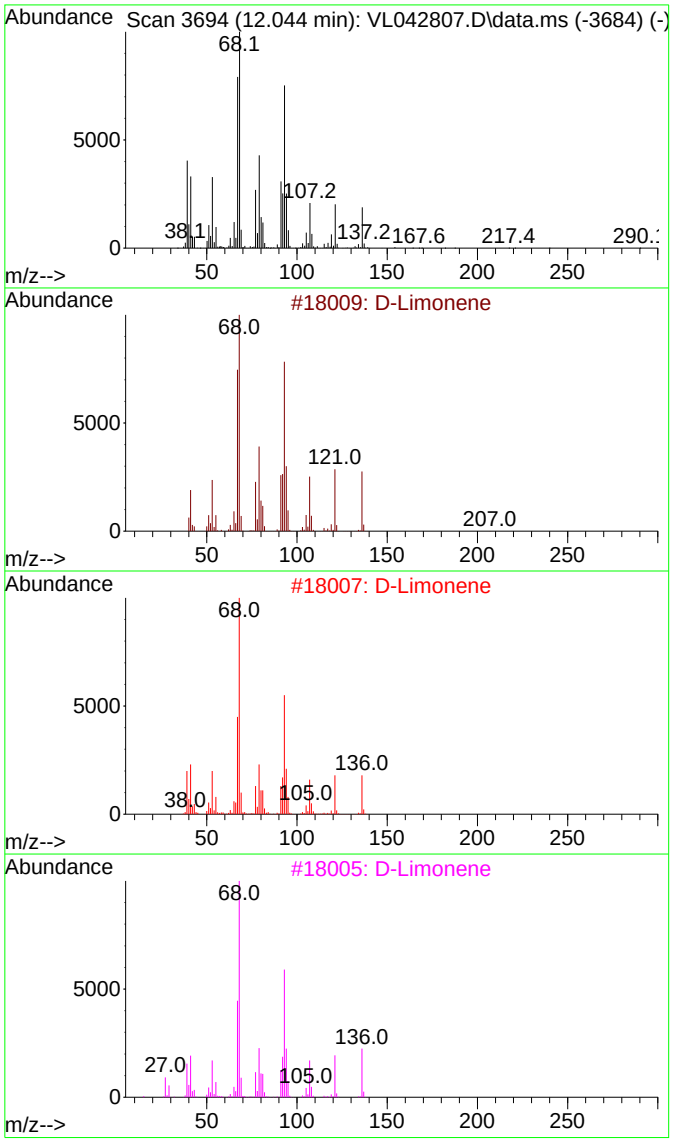
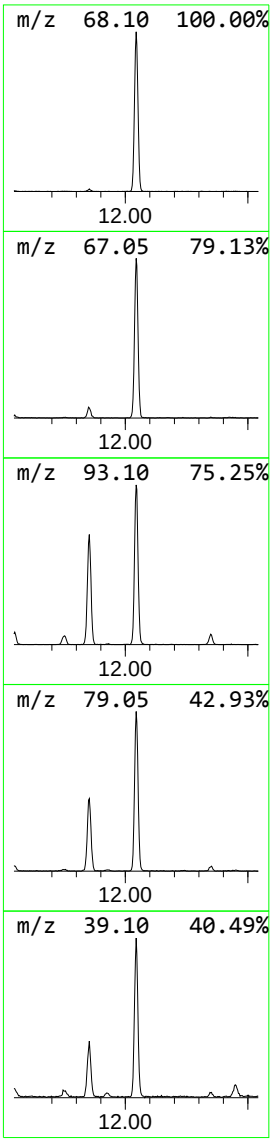
Peak Number 3 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.044	16.53 ppbv	2302670	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	D-Limonene	136	C10H16	005989-27-5	93
4	D-Limonene	136	C10H16	005989-27-5	93
5	Limonene	136	C10H16	000138-86-3	89





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Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-9

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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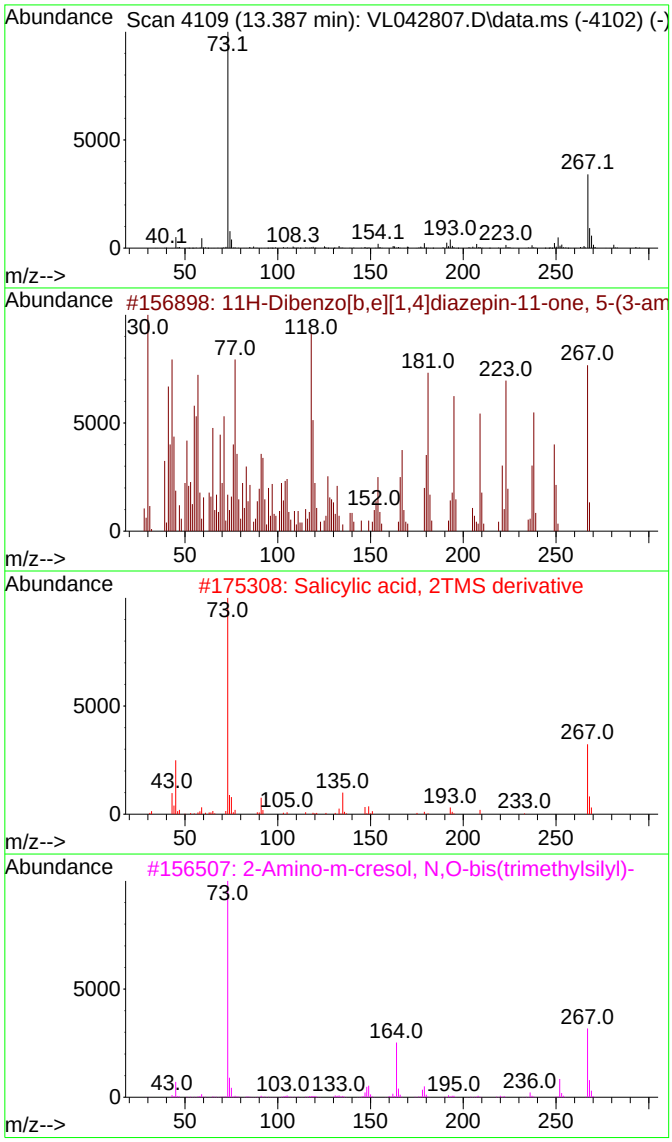
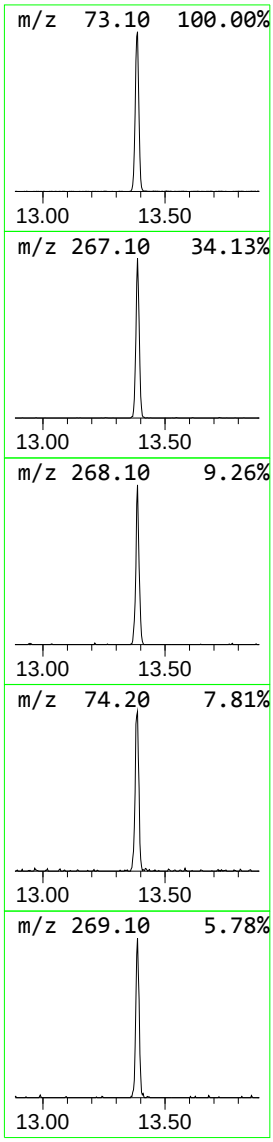
Peak Number 4 11H-Dibenzo[b,e][1,4]diazep... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.387	3.33 ppbv	463652	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	94
2	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	64
3	2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	59
4	5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSSi	1000497-07-6	59
5	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	53





Tentatively Identified Compound (LSC) summary

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Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-9

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
.beta.-Pinene	11.429	4.0	ppbv	561482	3	8.885	1392900	10.0
3-Carene	11.853	6.4	ppbv	885230	3	8.885	1392900	10.0
D-Limonene	12.044	16.5	ppbv	2302670	3	8.885	1392900	10.0
11H-Dibenzo[b,e...	13.387	3.3	ppbv	463652	3	8.885	1392900	10.0