

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042801.D
 Acq On : 04 Aug 2025 12:56
 Operator : SY/MD
 Sample : Q2750-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-3

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_L Fri Aug 26 06:05:16 2022

Signal : TIC: VL042801.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.421	409	412	416	rBV	5022723	5049182	7.29%	3.208%
2	1.437	416	417	423	rVV	4429835	1836067	2.65%	1.167%
3	1.473	423	428	430	rVV	5235885	3059963	4.42%	1.944%
4	1.486	430	432	435	rVB	2598248	1102870	1.59%	0.701%
5	1.557	450	454	459	rBV	5667598	3007634	4.34%	1.911%
6	1.725	500	506	528	rVB	3474318	9048380	13.06%	5.749%
7	1.832	535	539	550	rBV	4883049	3957220	5.71%	2.514%
8	1.929	550	569	570	rBV2	18287455	48004713	69.30%	30.499%
9	1.988	570	587	592	rVV	19443643	69270102	100.00%	44.010%
10	3.956	1182	1195	1208	rVB	788918	1234206	1.78%	0.784%
11	8.878	2704	2716	2728	rBV	987245	1463498	2.11%	0.930%
12	10.377	3165	3179	3190	rBV	1398881	1712247	2.47%	1.088%
13	10.856	3319	3327	3336	rVB	658387	764516	1.10%	0.486%
14	11.426	3492	3503	3513	rVB	943768	1060779	1.53%	0.674%
15	11.850	3625	3634	3643	rBV	1558484	1630574	2.35%	1.036%
16	12.041	3684	3693	3703	rBV	4171582	4488018	6.48%	2.851%
17	13.384	4101	4108	4117	rVB	671369	706150	1.02%	0.449%

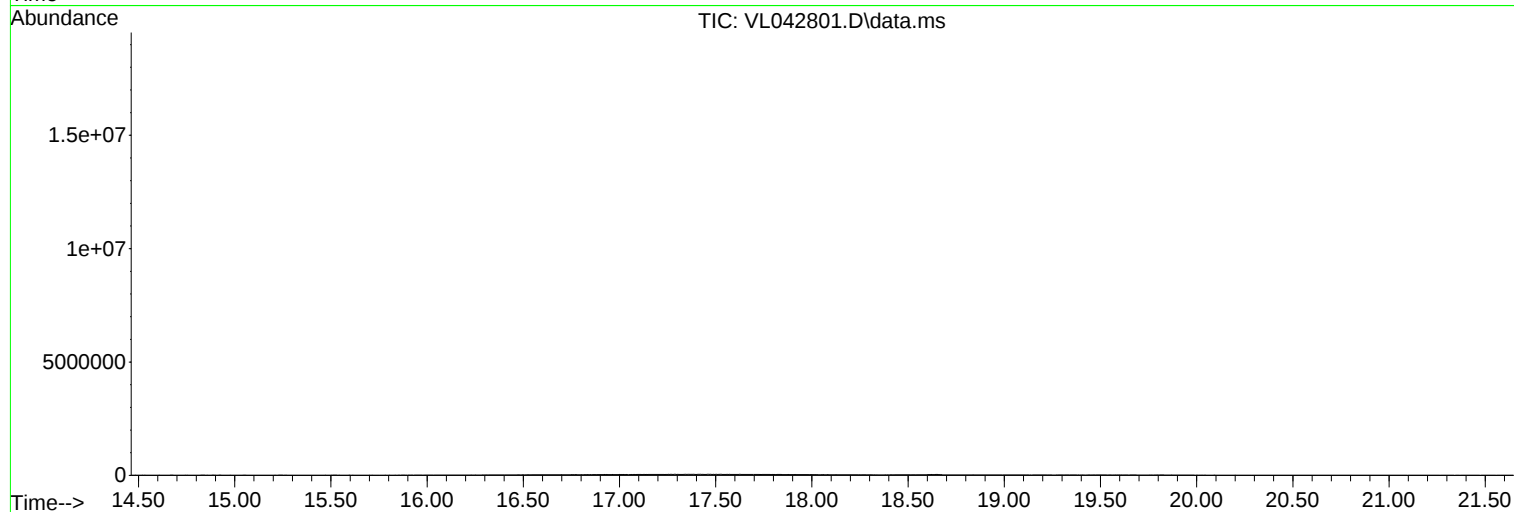
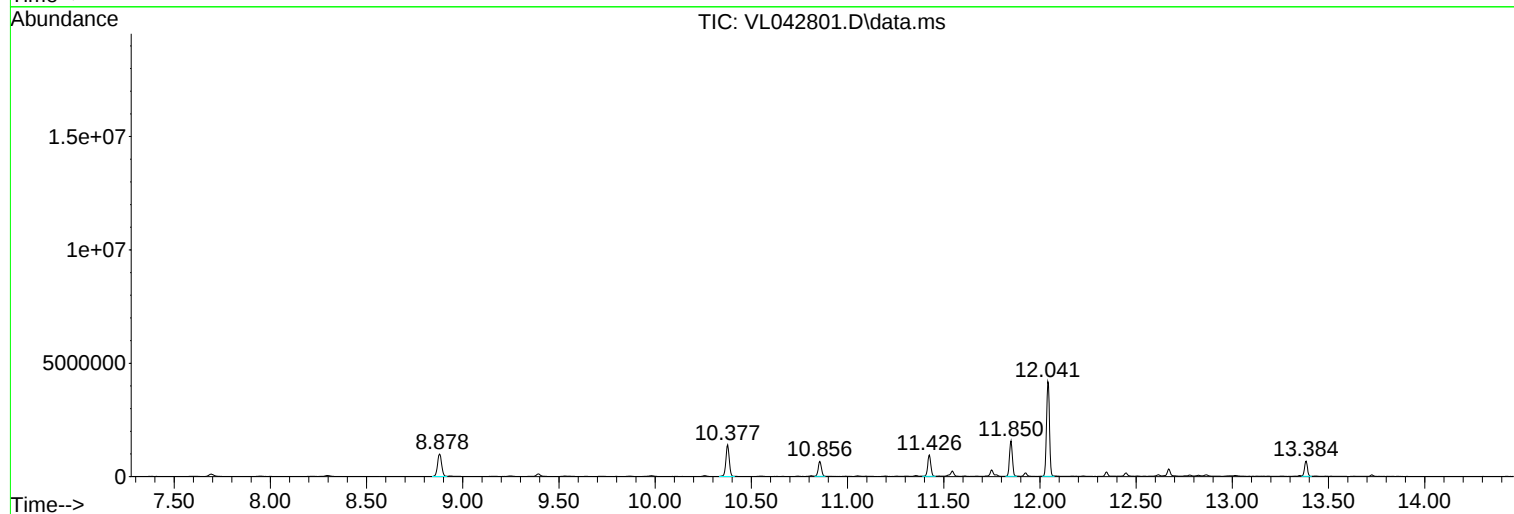
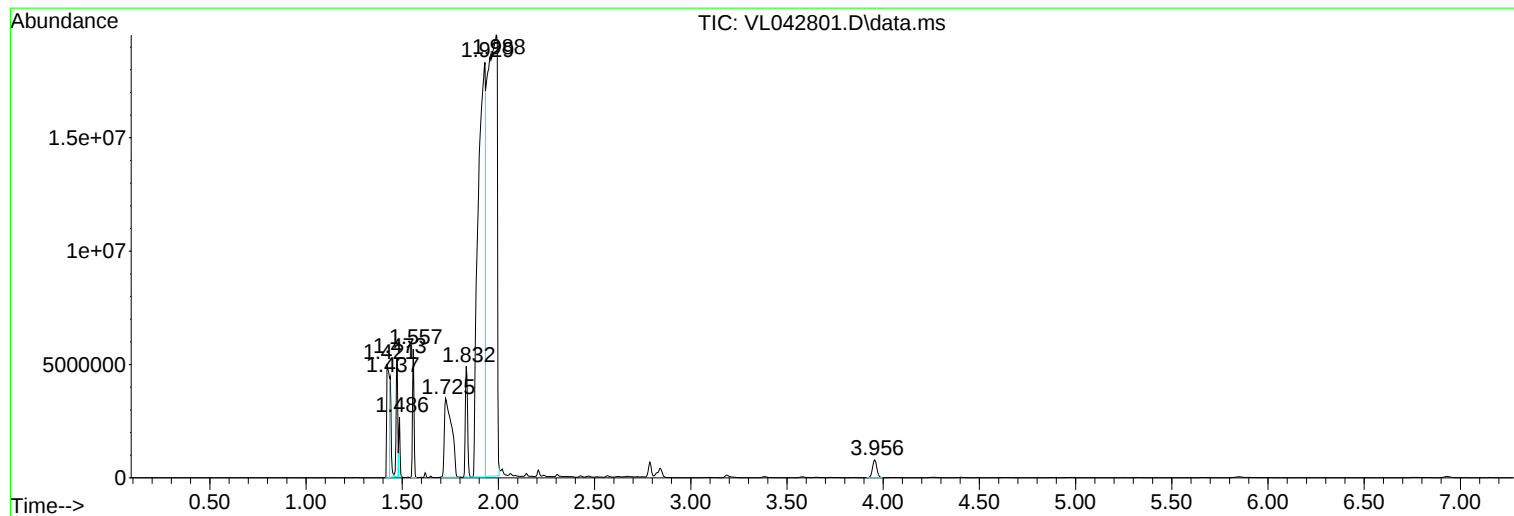
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Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042801.D
Acq On : 04 Aug 2025 12:56
Operator : SY/MD
Sample : Q2750-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3

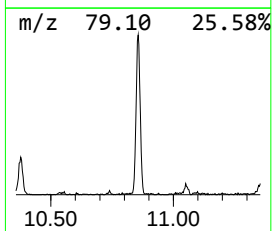
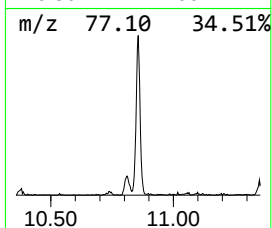
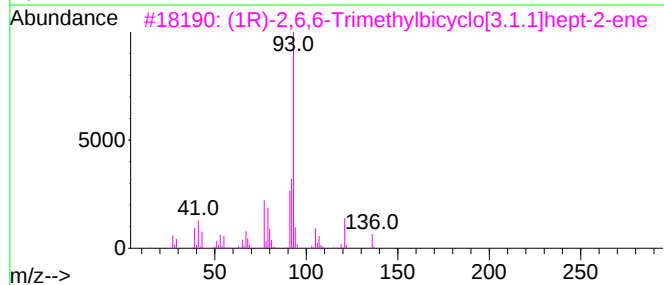
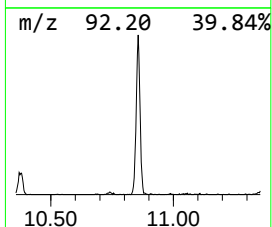
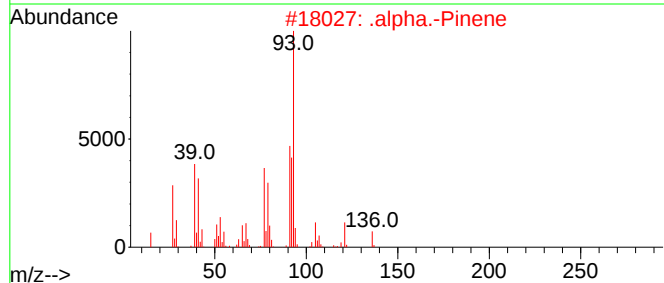
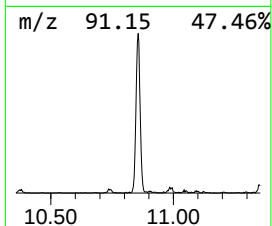
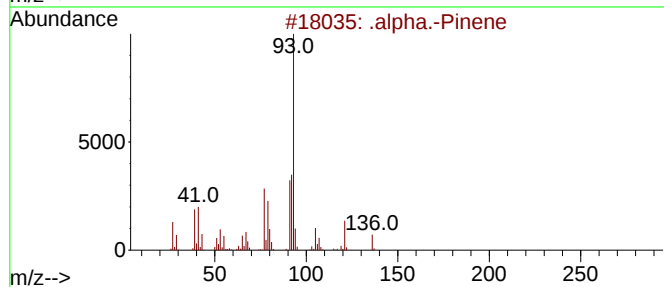
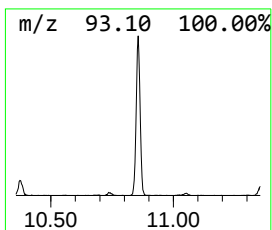
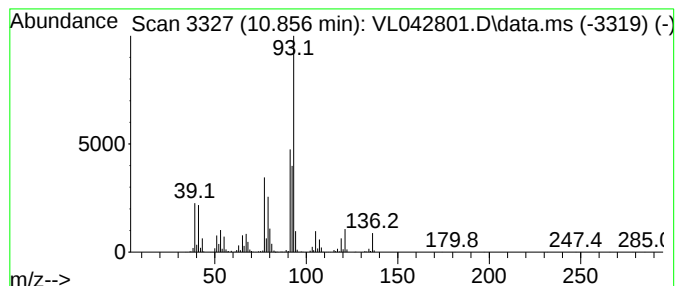
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 2 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.856	5.22 ppbv	764516	Chlorobenzene-d5	8.878

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	94
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
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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Sample : Q2750-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

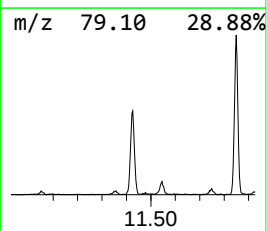
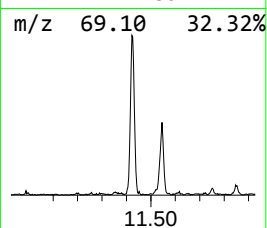
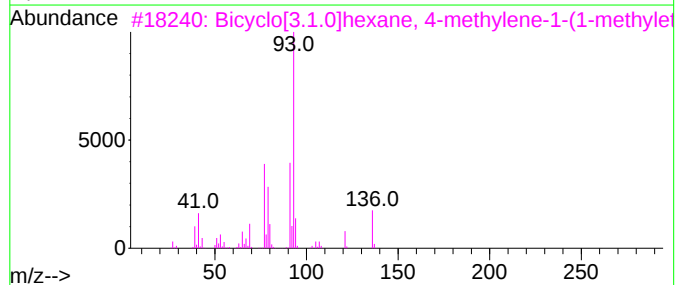
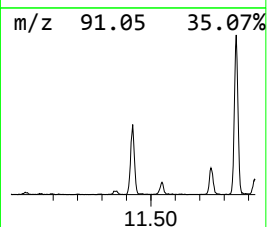
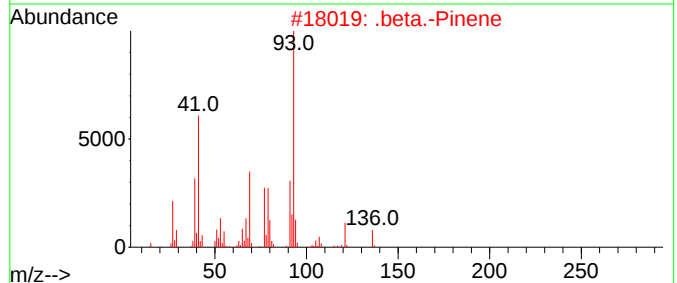
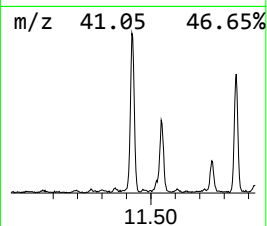
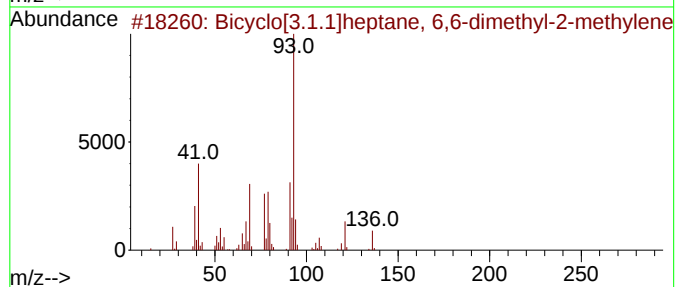
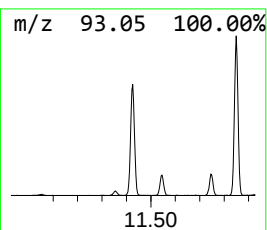
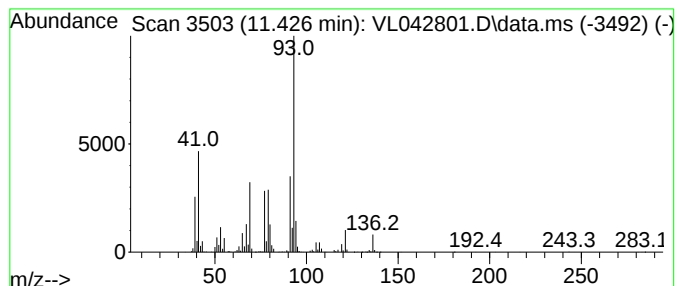
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3

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

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

Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 3

R



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Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3

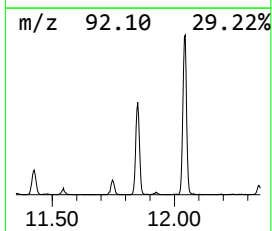
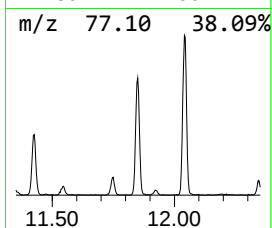
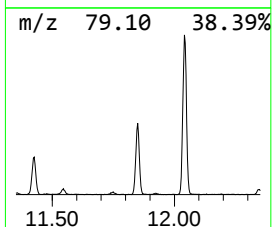
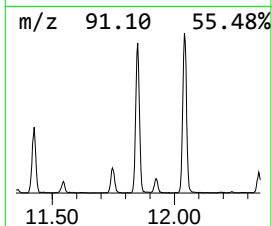
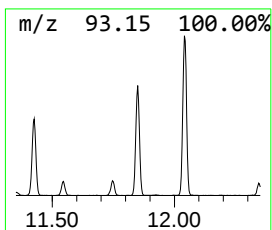
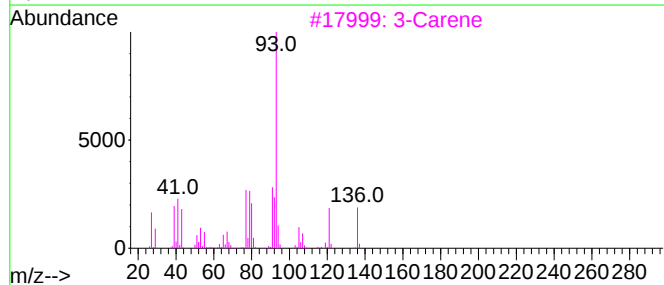
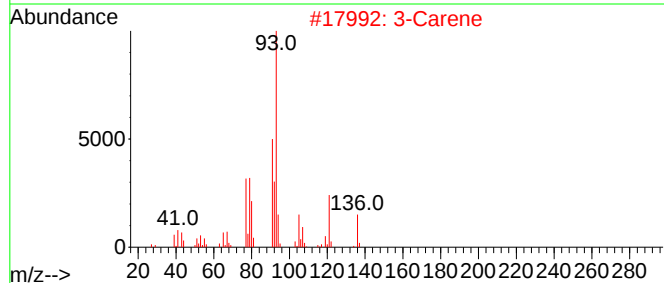
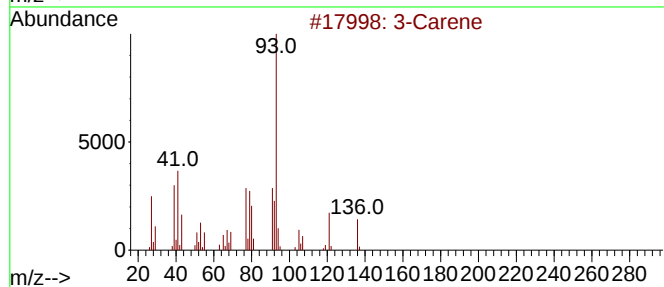
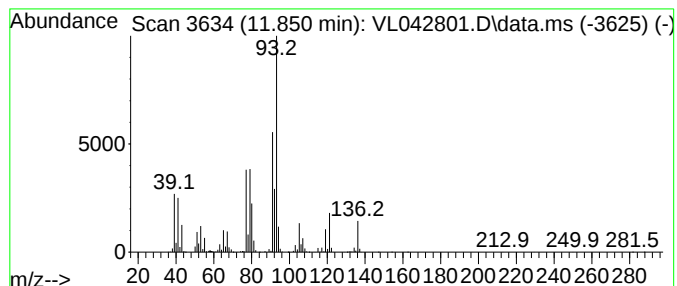
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 4 3-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.850	11.14 ppbv	1630570	Chlorobenzene-d5	8.878

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene			136	C10H16	013466-78-9	96
2	3-Carene			136	C10H16	013466-78-9	95
3	3-Carene			136	C10H16	013466-78-9	95
4	(1S)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-26-4	90
5	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	90



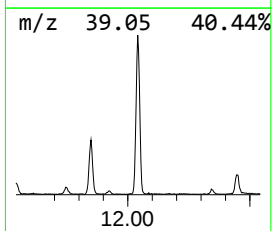
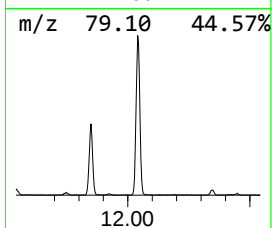
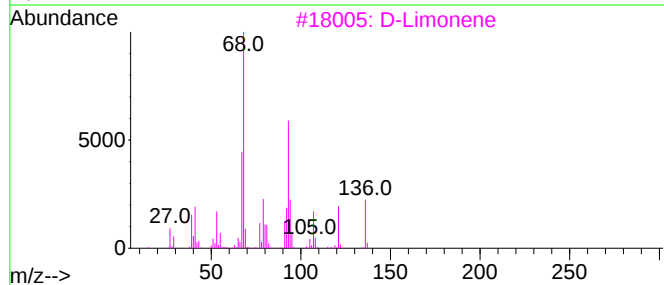
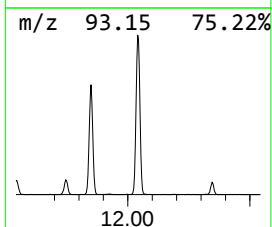
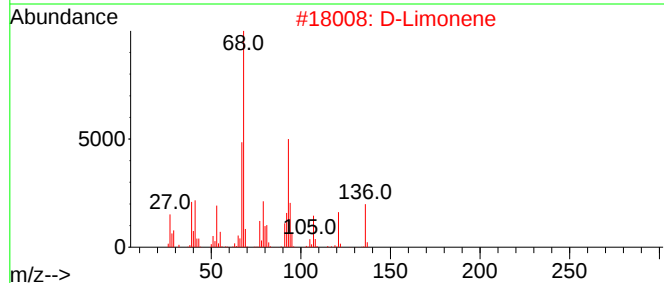
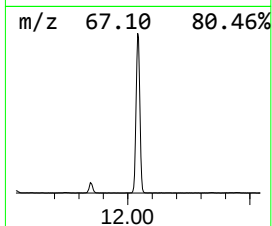
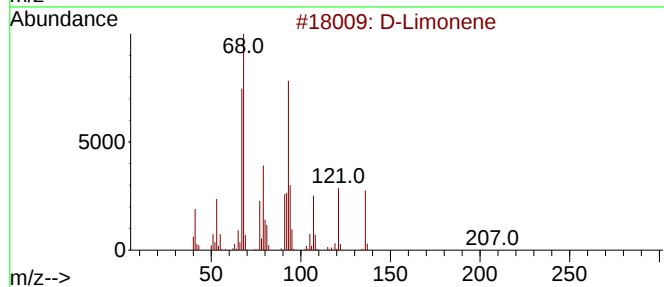
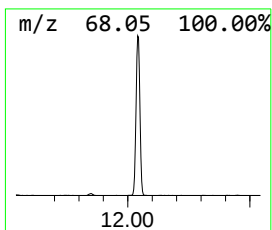
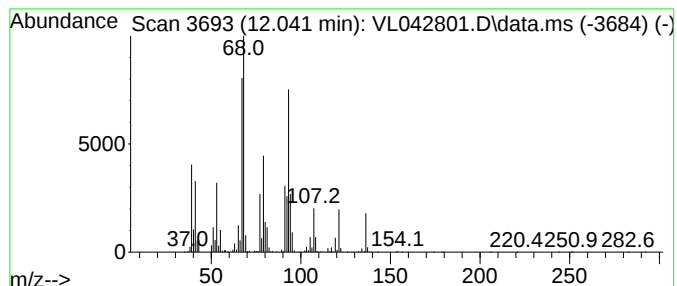
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
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Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 5 D-Limonene Concentration Rank 1



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Sample : Q2750-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-3

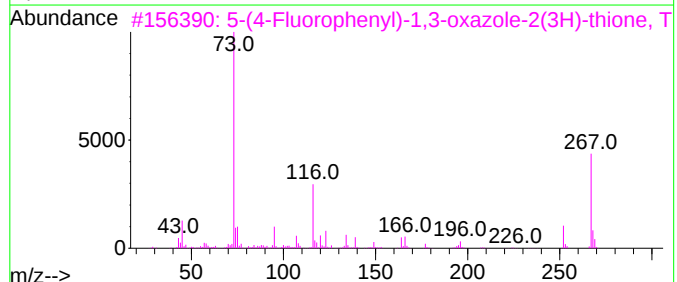
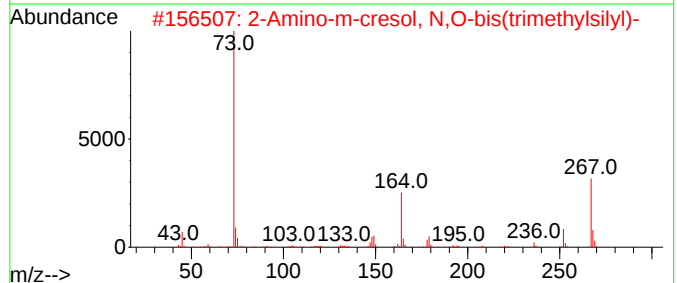
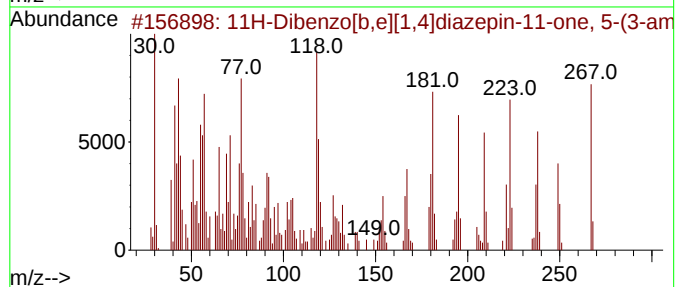
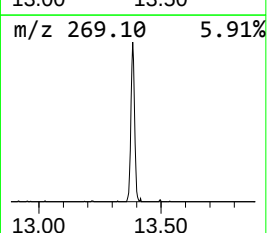
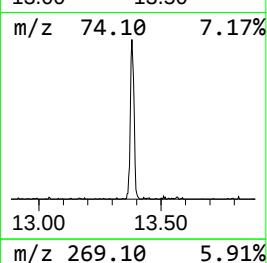
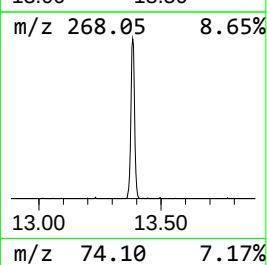
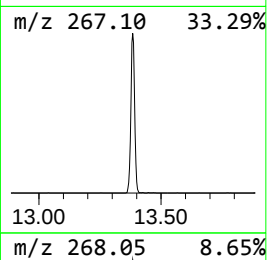
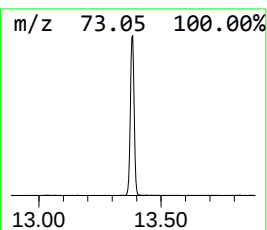
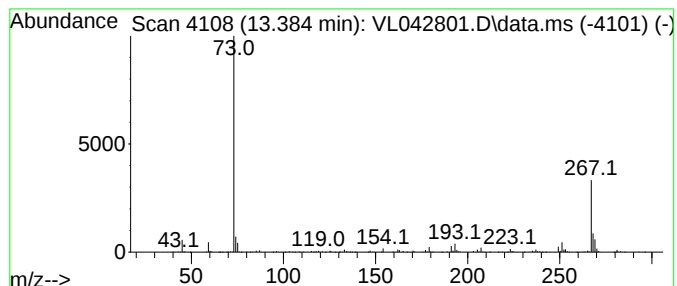
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 6 11H-Dibenzo[b,e][1,4]diazep... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.384	4.83 ppbv	706150	Chlorobenzene-d5	8.878

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	95
2			2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	59
3			5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSi	1000497-07-6	59
4			Benzeneethanamine, N-methyl-.bet...	311	C15H29N02Si2	029522-18-7	50
5			5-(3-Pyridinyl)-1,3,4-thiadiazol...	267	C10H13N3S2Si	1000471-43-6	45



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	10.856	5.2	ppbv	764516	3	8.878	1463500	10.0
Bicyclo[3.1.1]h...	11.426	7.3	ppbv	1060780	3	8.878	1463500	10.0
3-Carene	11.850	11.1	ppbv	1630570	3	8.878	1463500	10.0
D-Limonene	12.041	30.7	ppbv	4488020	3	8.878	1463500	10.0
11H-Dibenzo[b,e...	13.384	4.8	ppbv	706150	3	8.878	1463500	10.0