

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042805.D
 Acq On : 04 Aug 2025 15:10
 Operator : SY/MD
 Sample : Q2750-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-7

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: VL042805.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.424	409	413	416	rBV	4794971	4693777	9.74%	3.282%
2	1.437	416	417	423	rVV	4977727	2549195	5.29%	1.783%
3	1.473	423	428	430	rVV	4910832	2733172	5.67%	1.911%
4	1.486	430	432	441	rVB	2556174	1184694	2.46%	0.828%
5	1.557	450	454	459	rBV	4981058	2790837	5.79%	1.952%
6	1.729	495	507	527	rBV	3449178	8162960	16.95%	5.709%
7	1.835	535	540	550	rBV	4864726	3897891	8.09%	2.726%
8	1.926	550	568	569	rBV2	17617791	42108530	87.42%	29.447%
9	1.971	569	582	583	rVV	18510601	48167588	100.00%	33.685%
10	1.984	583	586	590	rVB2	18991414	15534993	32.25%	10.864%
11	2.790	826	835	841	rBV	618925	657845	1.37%	0.460%
12	2.842	841	851	862	rVB2	304498	566073	1.18%	0.396%
13	3.959	1184	1196	1212	rBV	787801	1230645	2.55%	0.861%
14	8.882	2704	2717	2728	rBV	965541	1435200	2.98%	1.004%
15	10.380	3163	3180	3190	rBV	1348921	1668485	3.46%	1.167%
16	10.859	3319	3328	3337	rVB	507327	597689	1.24%	0.418%
17	11.426	3494	3503	3513	rBV	750455	828140	1.72%	0.579%
18	11.853	3625	3635	3643	rBV	1151843	1230494	2.55%	0.861%
19	12.044	3685	3694	3703	rBV	2874799	2957952	6.14%	2.069%

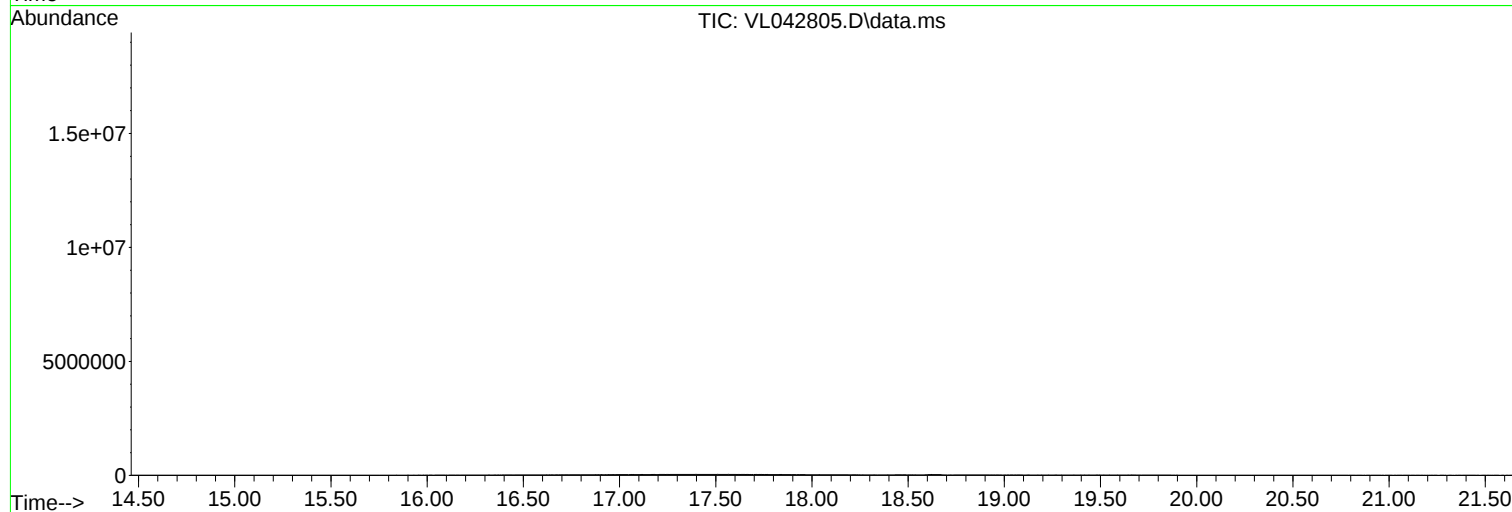
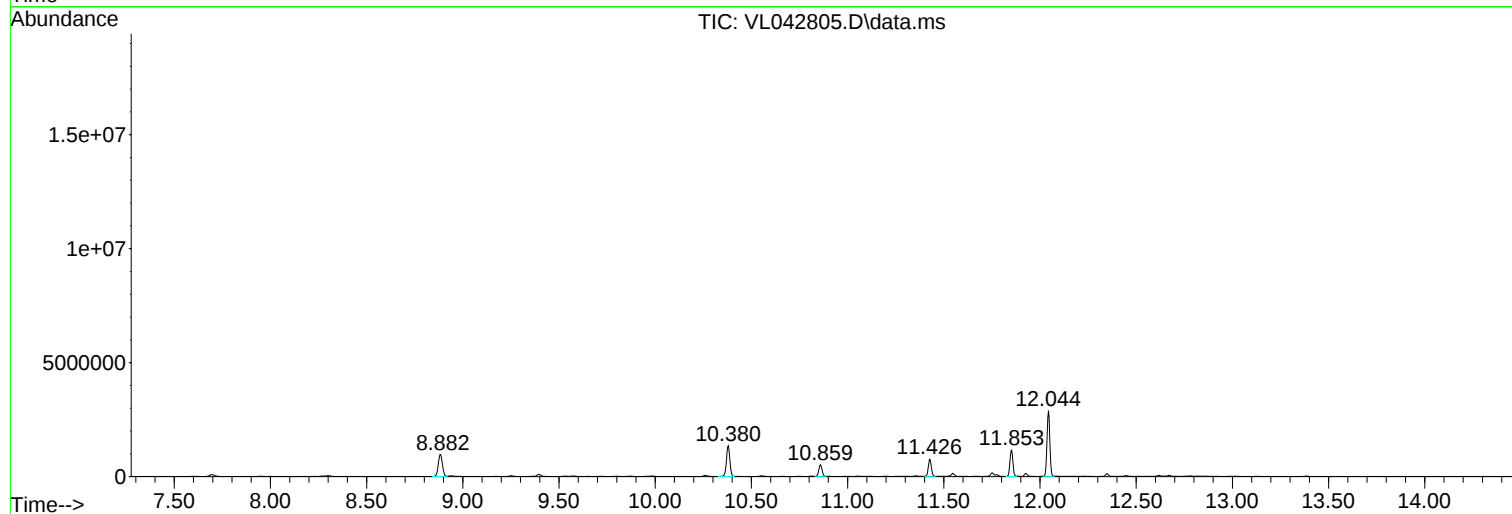
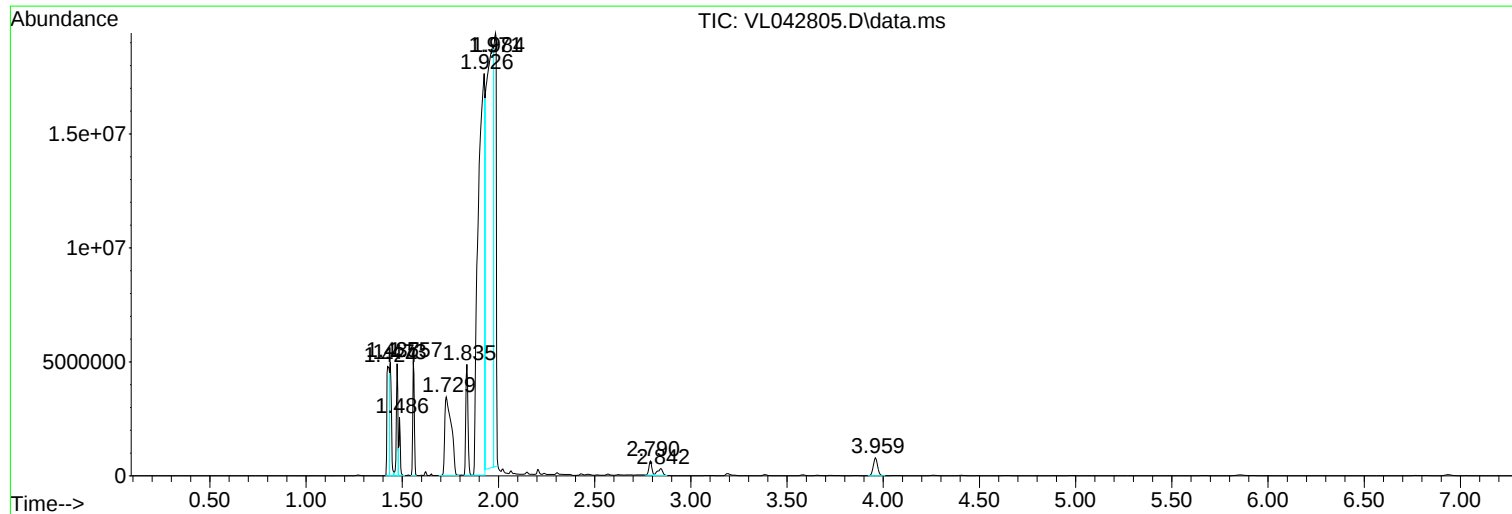
Sum of corrected areas: 142996160

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042805.D
Acq On : 04 Aug 2025 15:10
Operator : SY/MD
Sample : Q2750-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-7

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 : VL042805.D
Acq On : 04 Aug 2025 15:10
Operator : SY/MD
Sample : Q2750-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-7

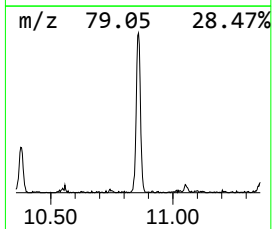
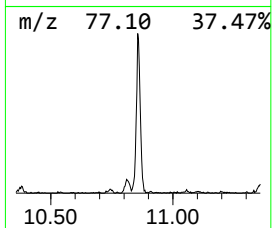
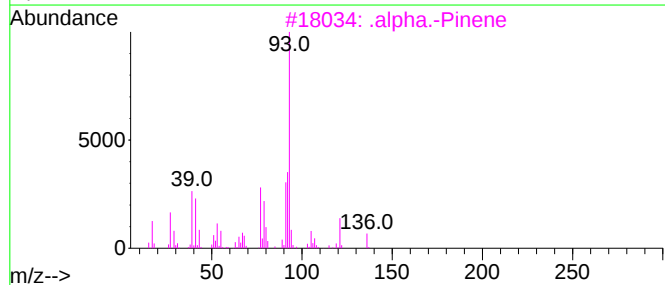
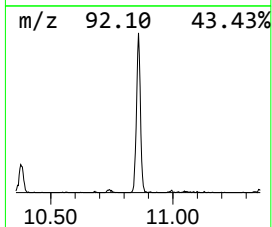
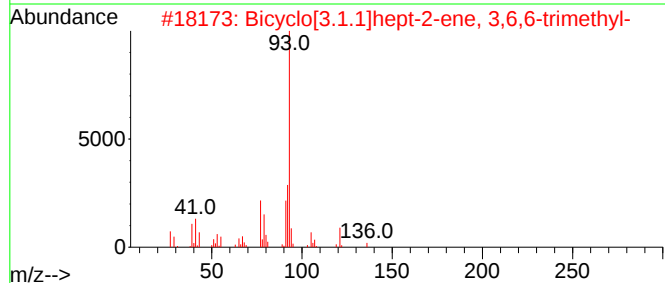
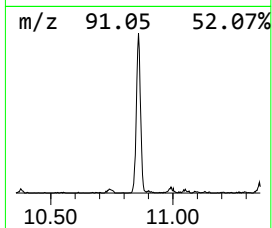
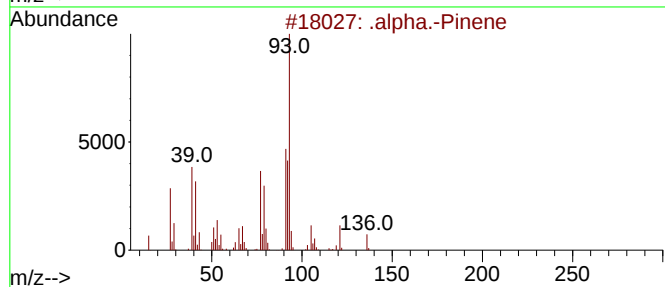
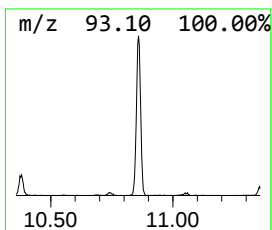
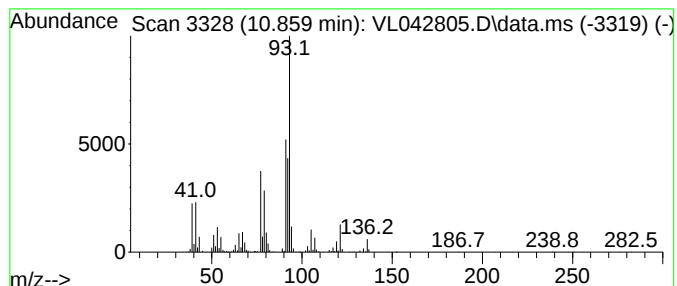
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 1 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.859	4.16 ppbv	597689	Chlorobenzene-d5	8.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	95
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	91
3	.		.alpha.-Pinene	136	C10H16	000080-56-8	91
4	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	90
5	.		.gamma.-Terpinene	136	C10H16	000099-85-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042805.D
Acq On : 04 Aug 2025 15:10
Operator : SY/MD
Sample : Q2750-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

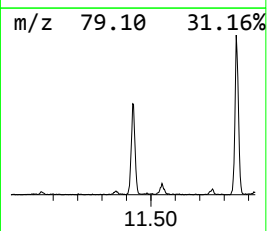
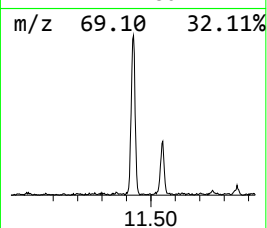
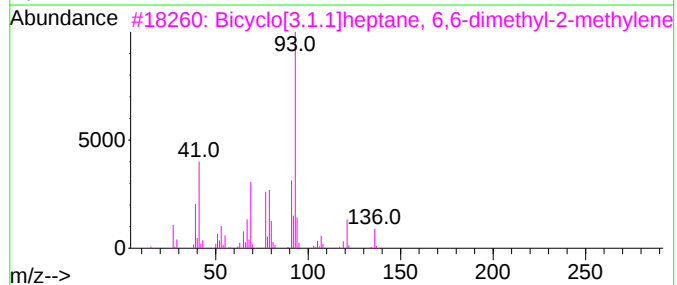
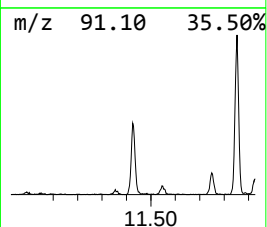
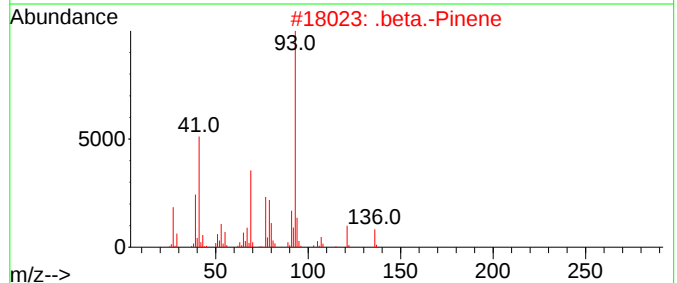
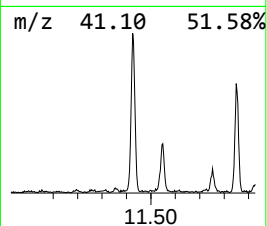
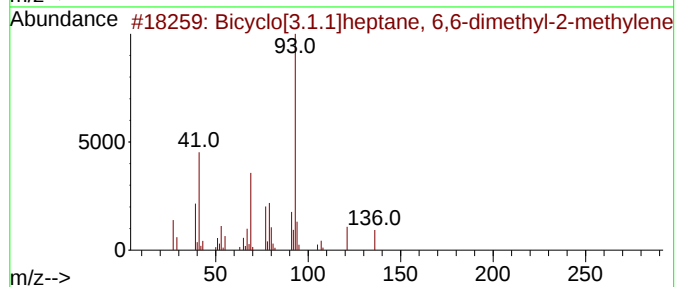
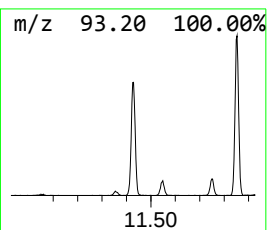
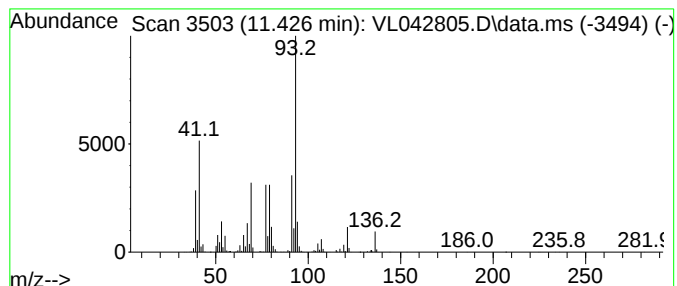
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-7

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.426	5.77 ppbv	828140	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	95
2	.beta.-Pinene		136	C10H16	000127-91-3	94
3	Bicyclo[3.1.1]heptane, 6,6-dimet...		136	C10H16	018172-67-3	94
4	.beta.-Pinene		136	C10H16	000127-91-3	93
5	.alpha.-Pinene		136	C10H16	000080-56-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042805.D
Acq On : 04 Aug 2025 15:10
Operator : SY/MD
Sample : Q2750-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

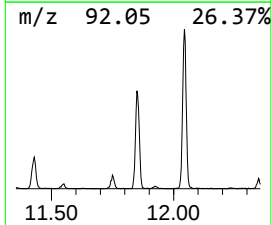
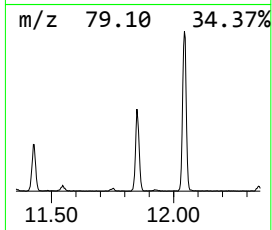
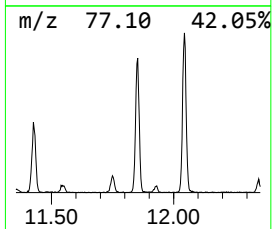
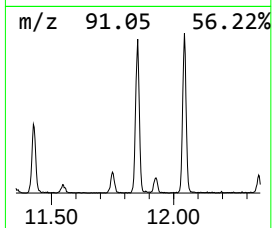
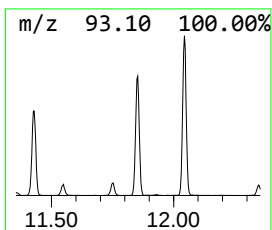
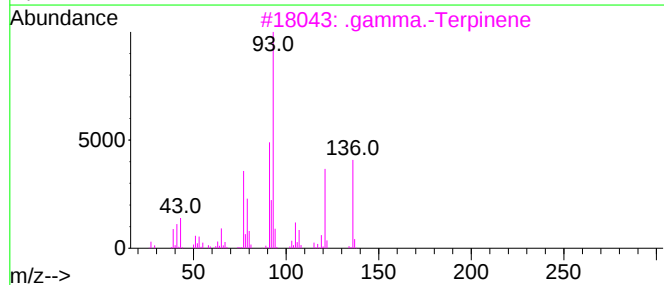
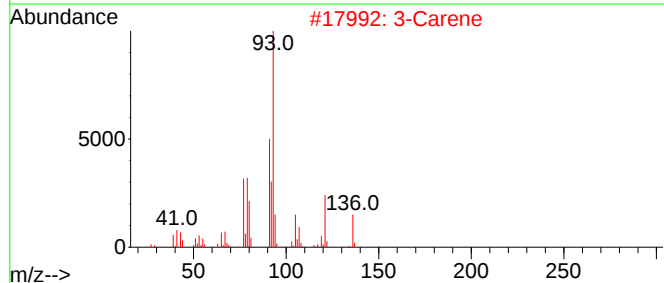
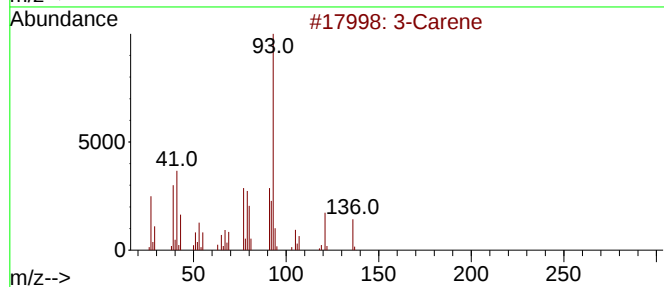
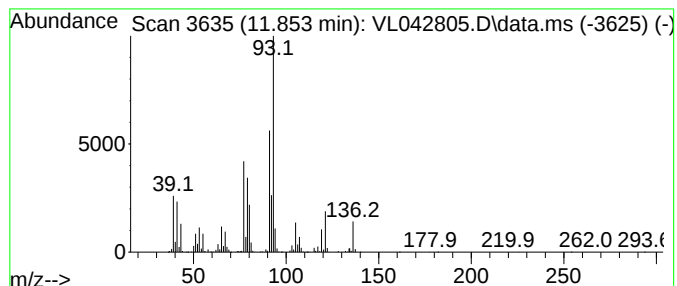
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-7

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 3-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.853	8.57 ppbv	1230490	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	.gamma.-Terpinene	136	C10H16	000099-85-4	94
4	.gamma.-Terpinene	136	C10H16	000099-85-4	91
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042805.D
Acq On : 04 Aug 2025 15:10
Operator : SY/MD
Sample : Q2750-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-7

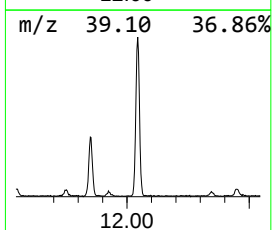
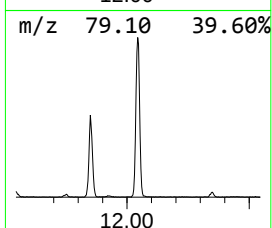
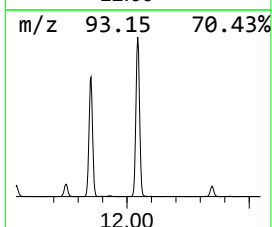
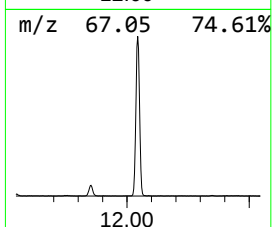
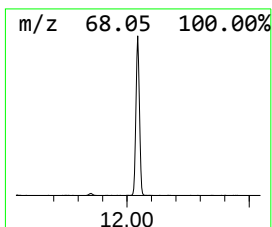
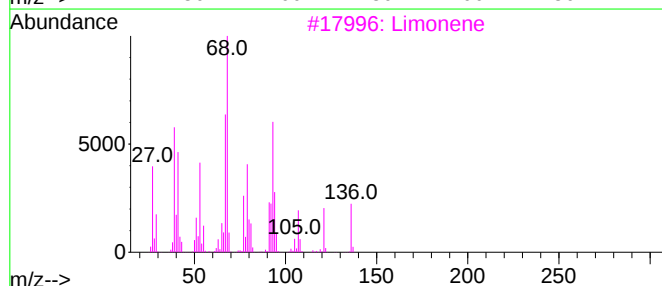
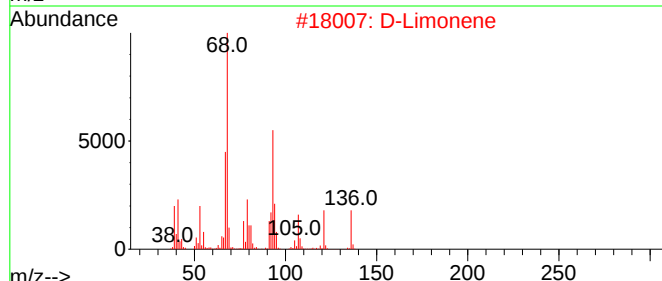
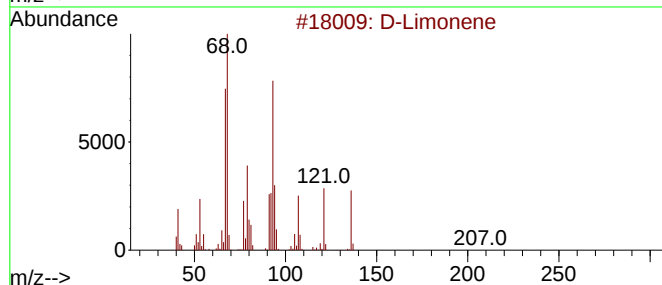
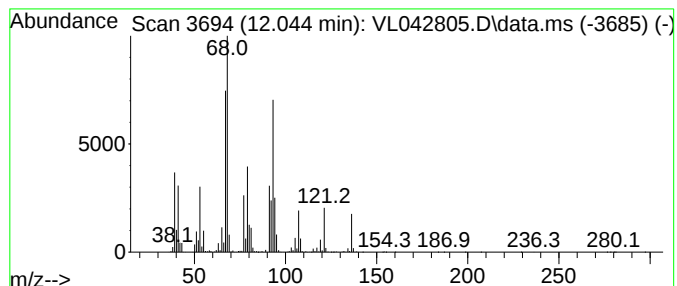
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 4 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.044	20.61 ppbv	2957950	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	91
4			Limonene	136	C10H16	000138-86-3	86
5			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042805.D
Acq On : 04 Aug 2025 15:10
Operator : SY/MD
Sample : Q2750-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-7

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	10.859	4.2	ppbv	597689	3	8.885	1435200	10.0
Bicyclo[3.1.1]h...	11.426	5.8	ppbv	828140	3	8.885	1435200	10.0
3-Carene	11.853	8.6	ppbv	1230490	3	8.885	1435200	10.0
D-Limonene	12.044	20.6	ppbv	2957950	3	8.885	1435200	10.0