LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042803.D
Acq On : 04 Aug 2025 14:03
Operator : SY/MD
Sample : Q2750-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-5

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: VL042803.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.425	409	413	416	rBV	4793955	4948046	11.08%	3.212%
2	1.438	416	417	423	rVV2	4515586	1945262	4.35%	1.263%
3	1.473	423	428	430	rVV	5063960	2978453	6.67%	1.933%
4	1.486	430	432	440	rVB	2073019	923439	2.07%	0.599%
5	1.557	450	454	459	rBV	4568148	2370546	5.31%	1.539%
6	1.726	500	506	528	rVB	3357518	8493945	19.02%	5.514%
7	1.833	535	539	548	rBV	4752567	3814593	8.54%	2.476%
8	1.926	550	568	569	rVV6	17908968	44667897	100.00%	28.996%
9	1.965	569	580	581	rVV2	18815912	42026958	94.09%	27.282%
10	1.985	581	586	591	rVV2	19340474	26993682	60.43%	17.523%
11	2.787	825	834	839	rBV	628054	660522	1.48%	0.429%
12	2.823	839	845	865	rVB2	643911	1131115	2.53%	0.734%
13	3.956	1181	1195	1207	rBV	786441	1238300	2.77%	0.804%
14	8.879	2704	2716	2728	rBV	1002821	1459471	3.27%	0.947%
15	10.377	3163	3179	3190	rBV	1358048	1732248	3.88%	1.124%
16	10.856	3317	3327	3337	rVB	637170	747751	1.67%	0.485%
17	11.423	3487	3502	3513	rVB	915818	1050918	2.35%	0.682%
18	11.850	3624	3634	3642	rBV	1483268	1608325	3.60%	1.044%
19	12.041	3683	3693	3705	rBV	4190543	4418887	9.89%	2.869%
20	13.381	4101	4107	4116	rVB	809486	837908	1.88%	0.544%

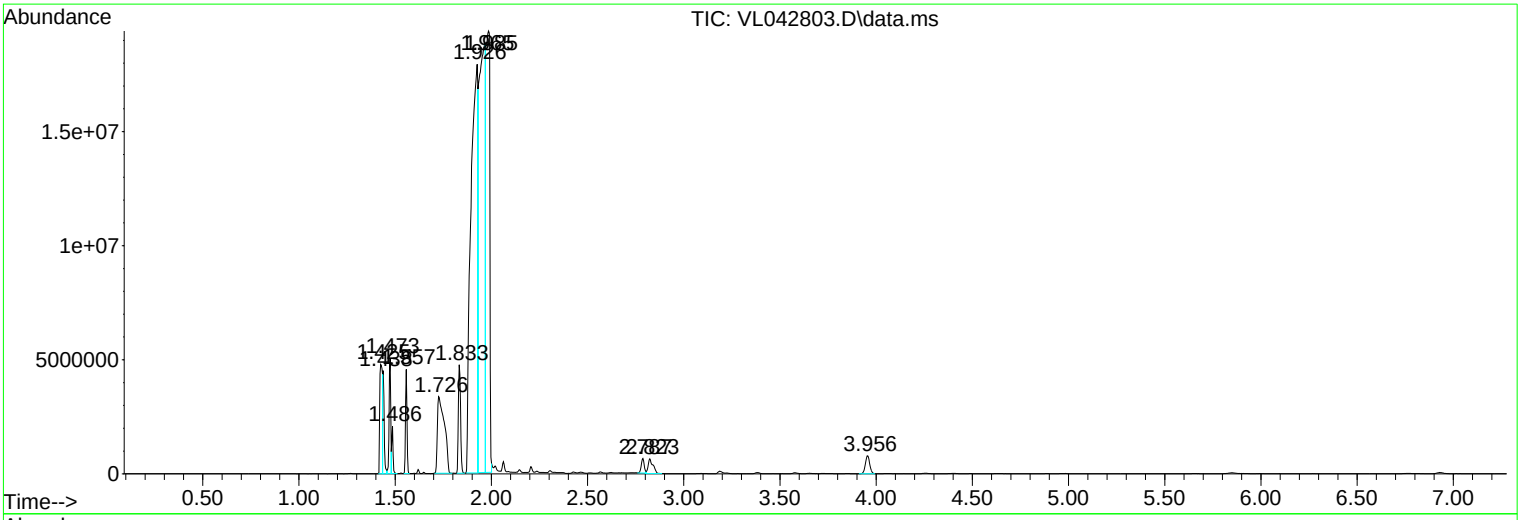
Sum of corrected areas: 154048266

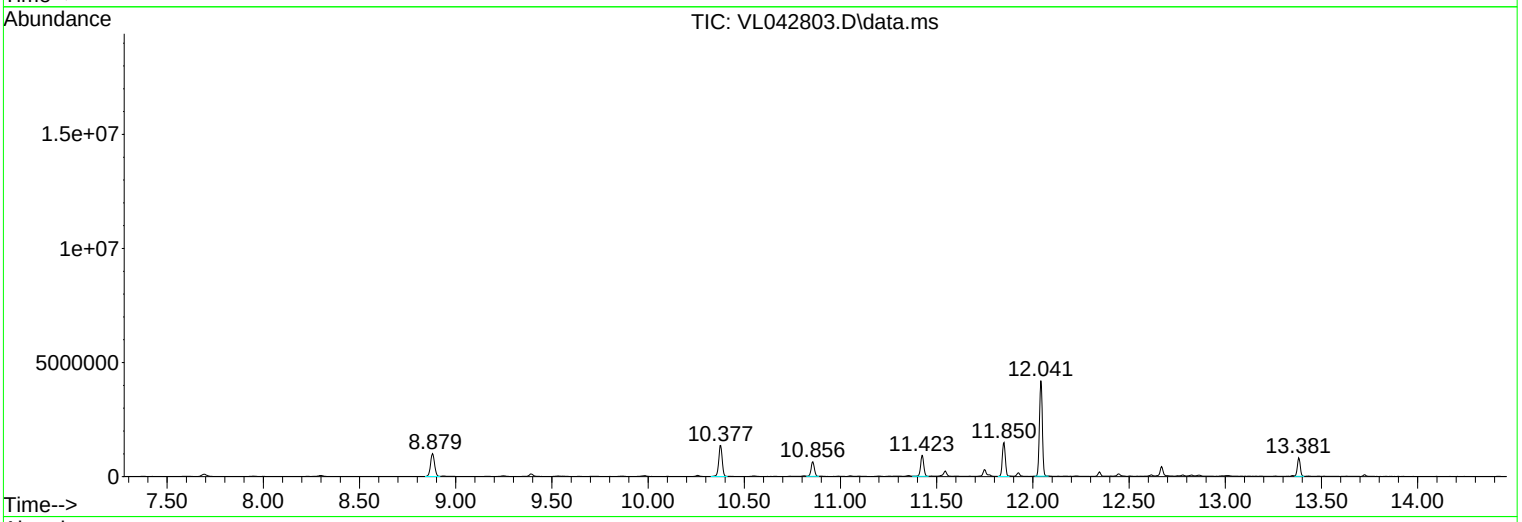
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042803.D
Acq On : 04 Aug 2025 14:03
Operator : SY/MD
Sample : Q2750-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

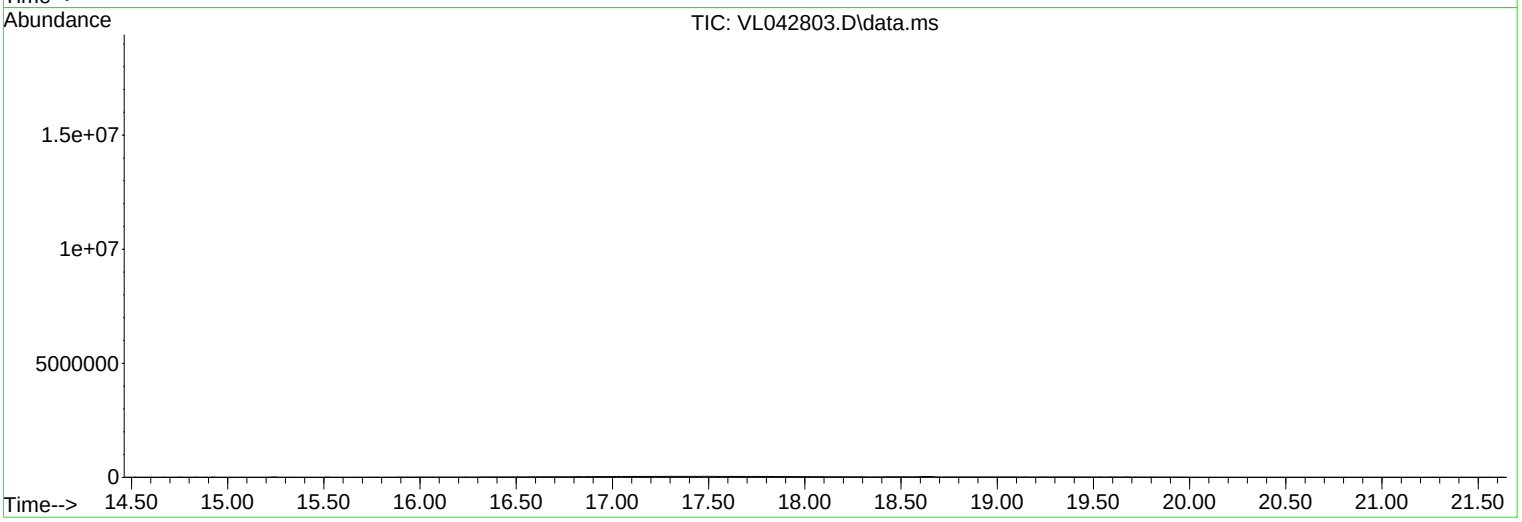
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-5

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042803.D
Acq On : 04 Aug 2025 14:03
Operator : SY/MD
Sample : Q2750-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-5

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

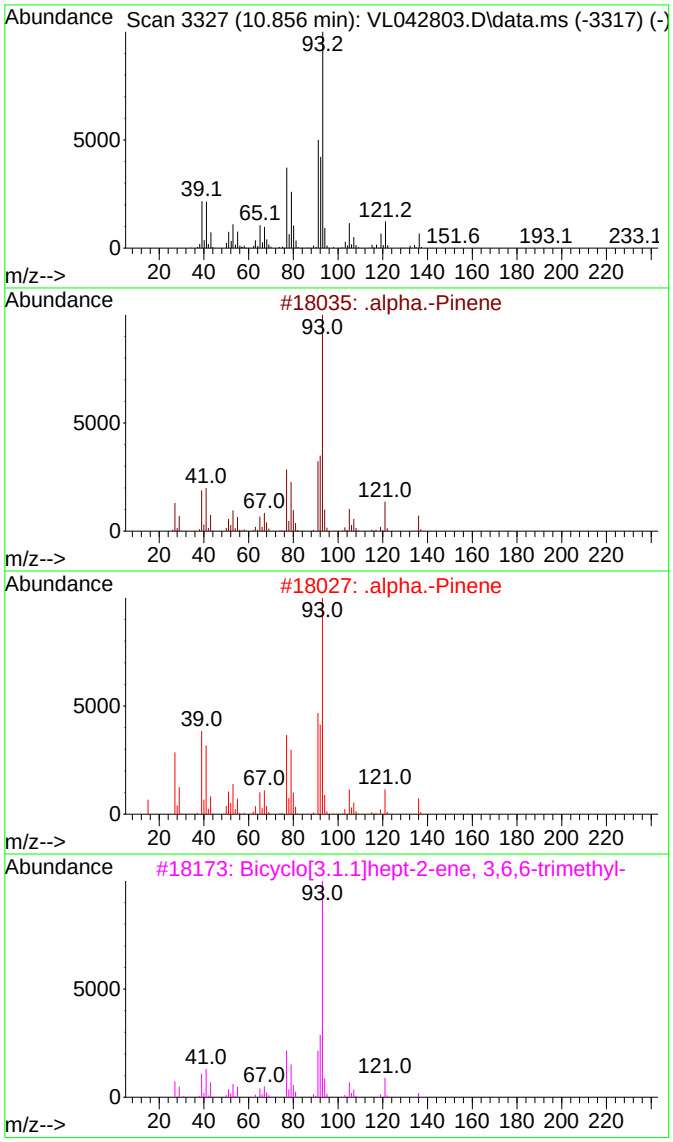
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

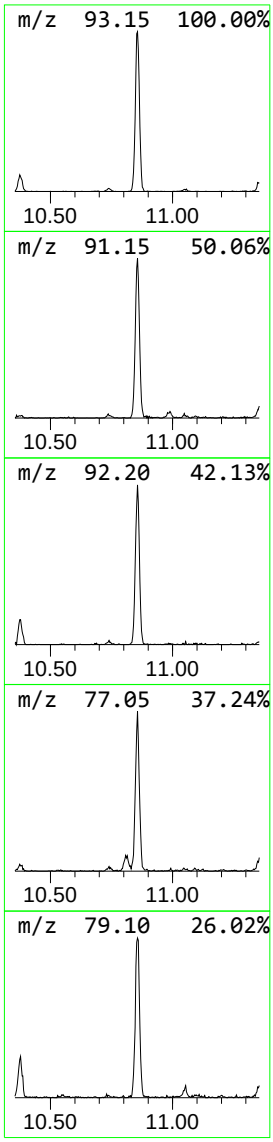
****

Peak Number 2 .alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.856	5.12 ppbv	747751	Chlorobenzene-d5	8.879

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042803.D
Acq On : 04 Aug 2025 14:03
Operator : SY/MD
Sample : Q2750-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-5

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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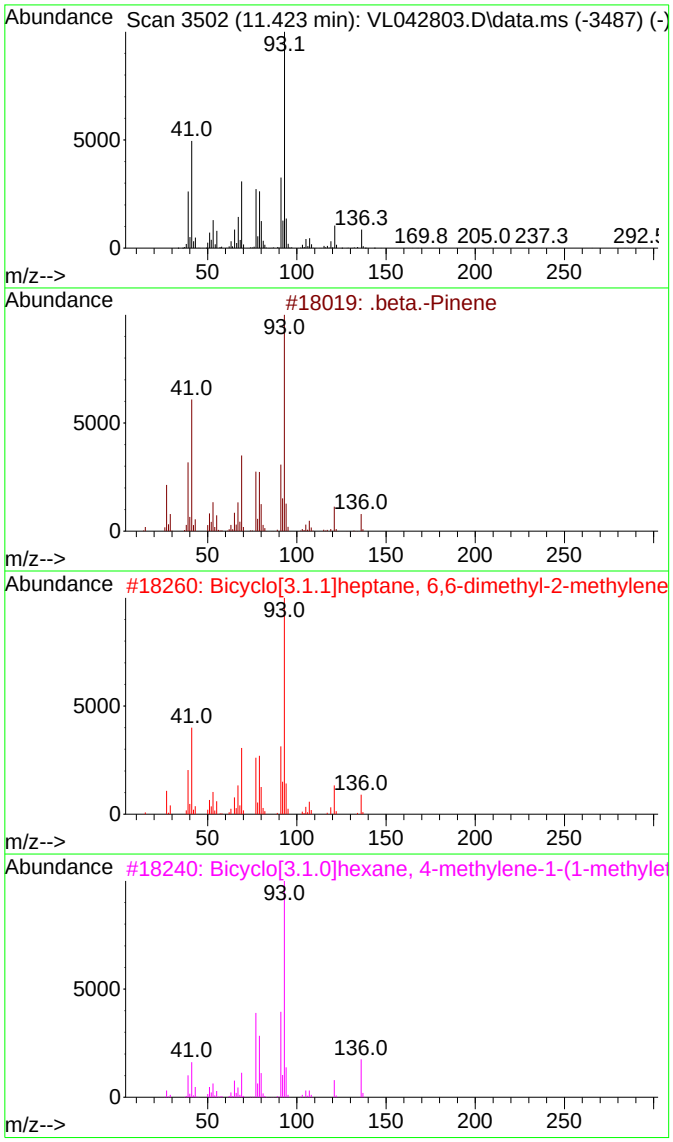
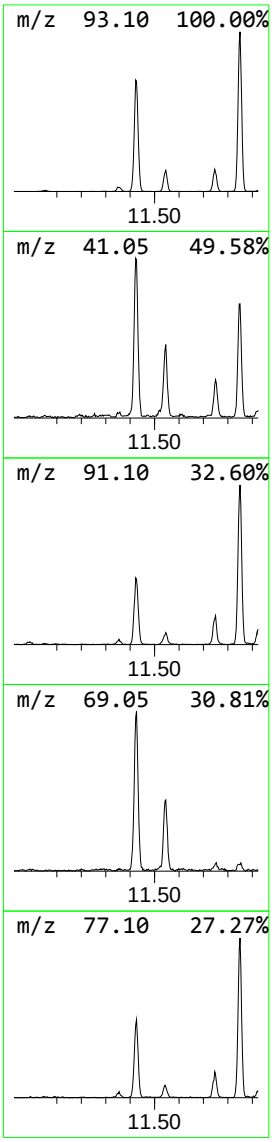
Peak Number 3 .beta.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.423	7.20 ppbv	1050920	Chlorobenzene-d5	8.879

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[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	94
4	.beta.-Pinene	136	C10H16	000127-91-3	94
5	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042803.D
Acq On : 04 Aug 2025 14:03
Operator : SY/MD
Sample : Q2750-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-5

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

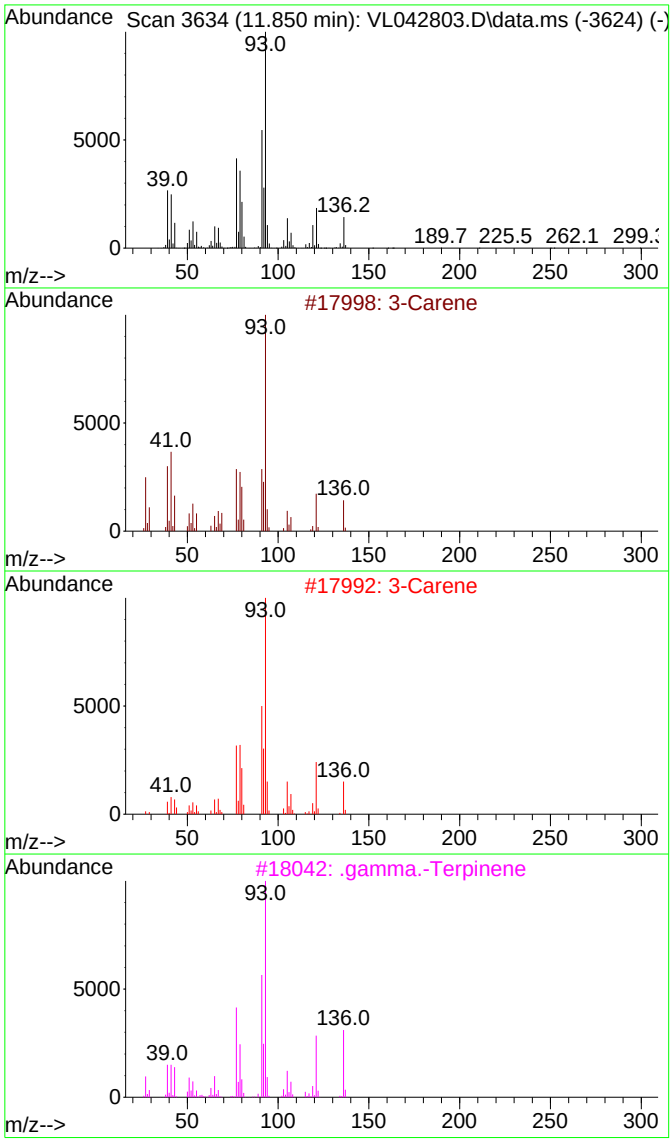
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

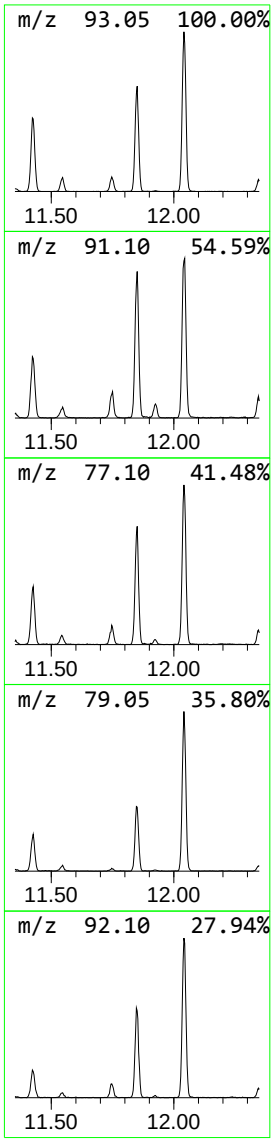
****

Peak Number 4 3-Carene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.850	11.02 ppbv	1608330	Chlorobenzene-d5	8.879

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	93
3	.gamma.-Terpinene	136	C10H16	000099-85-4	93
4	.gamma.-Terpinene	136	C10H16	000099-85-4	93
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042803.D
Acq On : 04 Aug 2025 14:03
Operator : SY/MD
Sample : Q2750-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-5

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

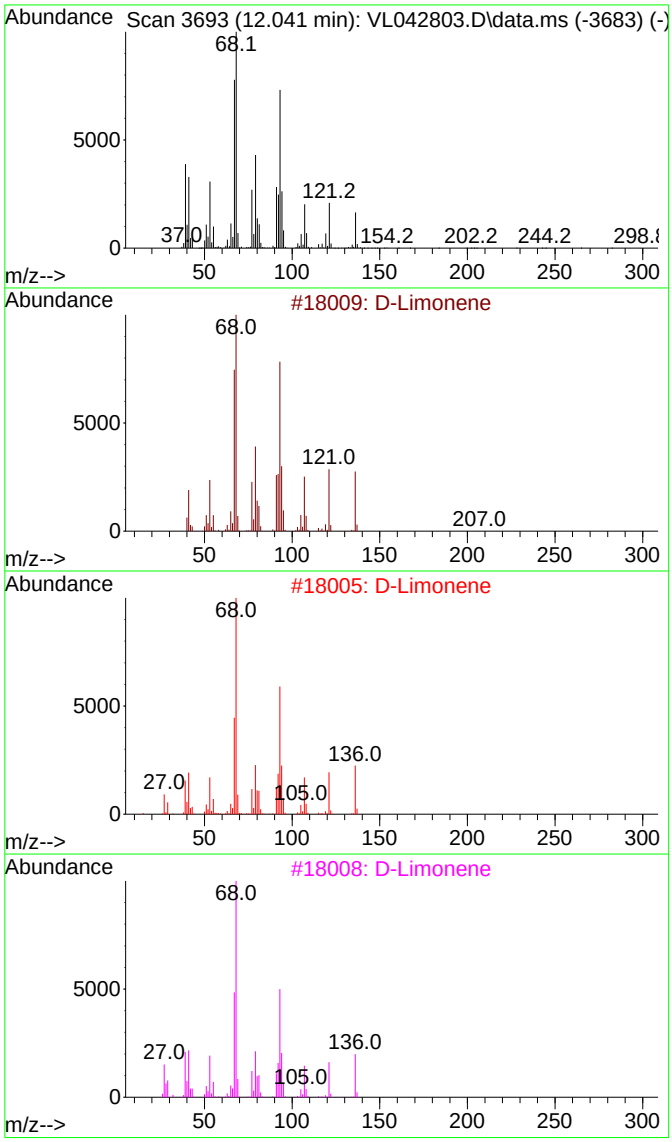
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

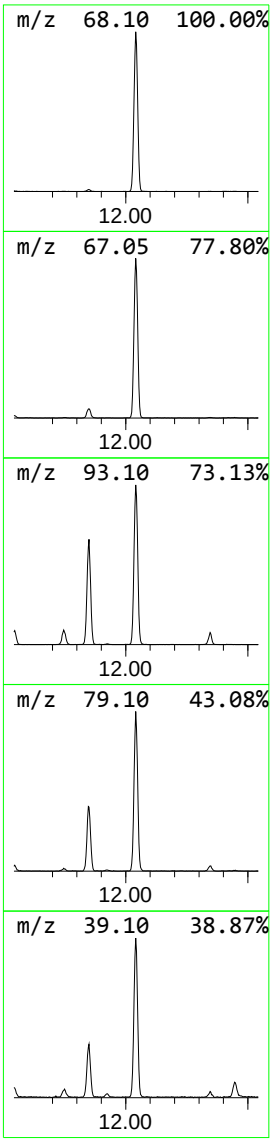
****

Peak Number 5 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.041	30.28 ppbv	4418890	Chlorobenzene-d5	8.879

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	93
3	D-Limonene	136	C10H16	005989-27-5	93
4	Limonene	136	C10H16	000138-86-3	86
5	D-Limonene	136	C10H16	005989-27-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042803.D
Acq On : 04 Aug 2025 14:03
Operator : SY/MD
Sample : Q2750-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-5

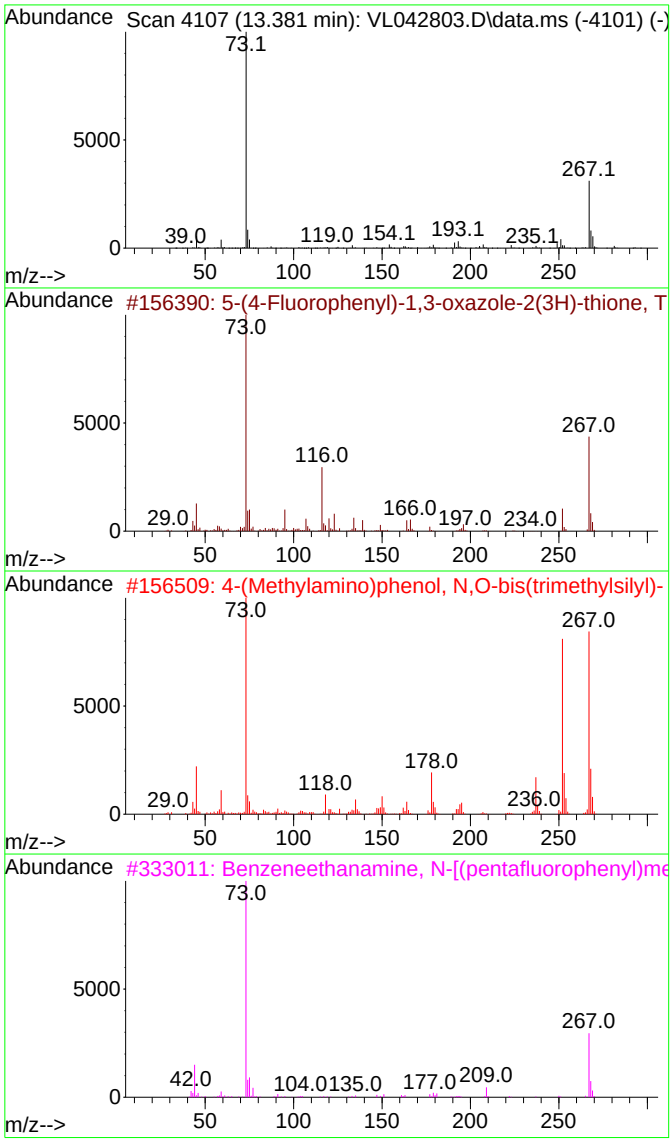
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

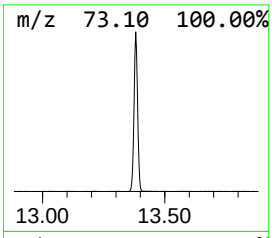
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

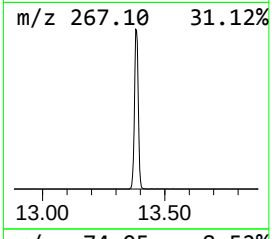
****
Peak Number 6 5-(4-Fluorophenyl)-1,3-oxaz... Concentration Rank 5

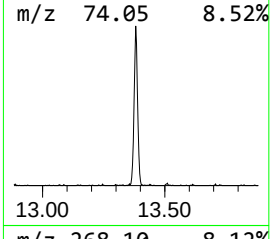
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.381	5.74 ppbv	837908	Chlorobenzene-d5	8.879

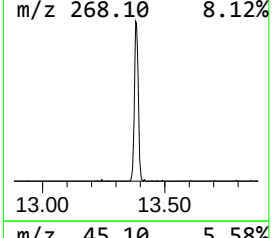
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSSi	1000497-07-6	53
2	4-(Methylamino)phenol, N,O-bis(t...	267	C13H25NOSi2	1000471-13-0	45
3	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	39
4	2-[(Trimethylsilyl)oxy]-2-{4-[(t...	297	C14H27NO2Si2	1000473-27-9	38
5	Benzeneethanamine, N-methyl-.bet...	311	C15H29NO2Si2	029522-18-7	38

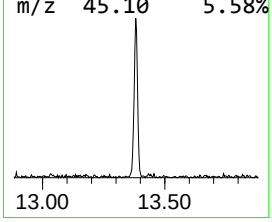












Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042803.D
Acq On : 04 Aug 2025 14:03
Operator : SY/MD
Sample : Q2750-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-5

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	10.856	5.1	ppbv	747751	3	8.879	1459470	10.0
.beta.-Pinene	11.423	7.2	ppbv	1050920	3	8.879	1459470	10.0
3-Carene	11.850	11.0	ppbv	1608330	3	8.879	1459470	10.0
D-Limonene	12.041	30.3	ppbv	4418890	3	8.879	1459470	10.0
5-(4-Fluorophen...	13.381	5.7	ppbv	837908	3	8.879	1459470	10.0