

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032012.D
 Acq On : 05 Aug 2025 14:59
 Operator : SY/MD
 Sample : Q2774-05
 Misc : 5.09g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 R5

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Title : SW846 8260

Signal : TIC: VW032012.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	491	503	520	rBV2	9655	36396	2.96%	0.422%
2	5.972	660	670	681	rBV4	7309	22716	1.85%	0.263%
3	7.904	971	987	991	rBV	172806	408018	33.19%	4.732%
4	7.959	991	996	1011	rVB	269450	609905	49.62%	7.073%
5	8.319	1044	1055	1067	rBV	173473	383033	31.16%	4.442%
6	8.849	1133	1142	1156	rBV	462792	938464	76.35%	10.884%
7	10.325	1376	1384	1394	rBV	687461	1229240	100.00%	14.256%
8	11.629	1590	1598	1610	rBV	690621	1179458	95.95%	13.679%
9	12.367	1710	1719	1726	rVB2	18712	34703	2.82%	0.402%
10	12.471	1728	1736	1745	rBV	306377	500619	40.73%	5.806%
11	12.617	1753	1760	1766	rBV	505730	802011	65.24%	9.301%
12	12.678	1766	1770	1771	rVV2	24779	33866	2.76%	0.393%
13	12.715	1771	1776	1787	rVB	194869	347528	28.27%	4.031%
14	12.934	1806	1812	1819	rBV5	9772	22723	1.85%	0.264%
15	13.025	1819	1827	1835	rVV	478070	788804	64.17%	9.148%
16	13.269	1860	1867	1877	rVB	45542	75418	6.14%	0.875%
17	13.464	1893	1899	1907	rBV4	13564	31726	2.58%	0.368%
18	13.556	1907	1914	1921	rBV	722993	1140452	92.78%	13.227%
19	16.031	2313	2320	2328	rBV2	18334	37321	3.04%	0.433%

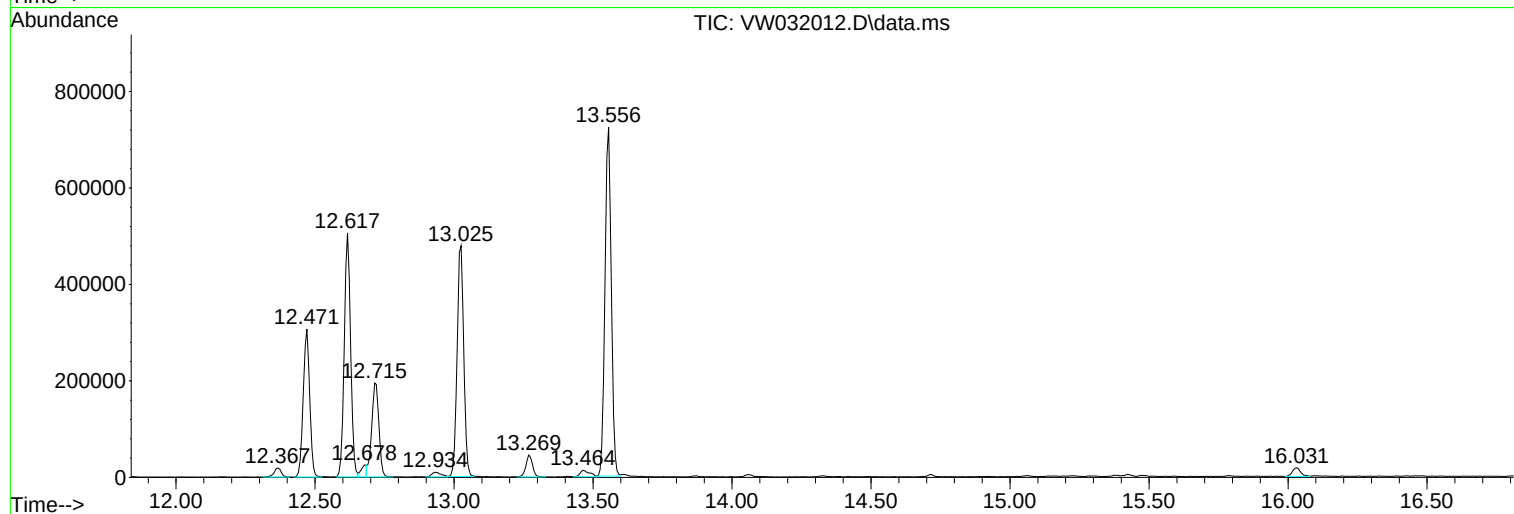
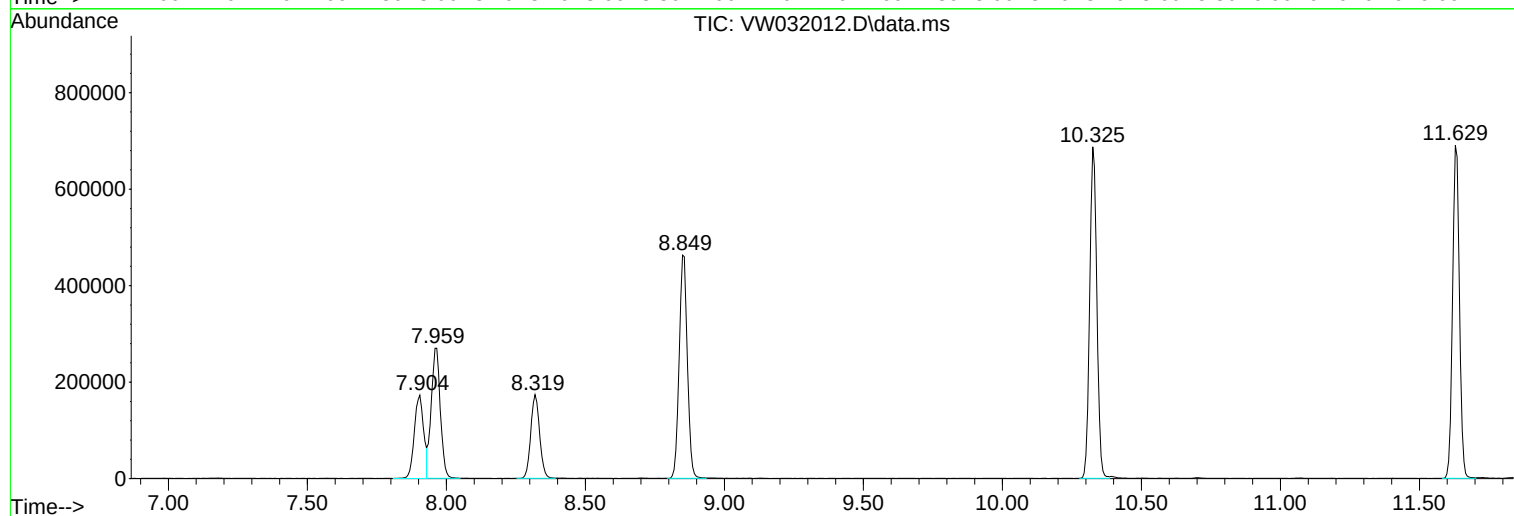
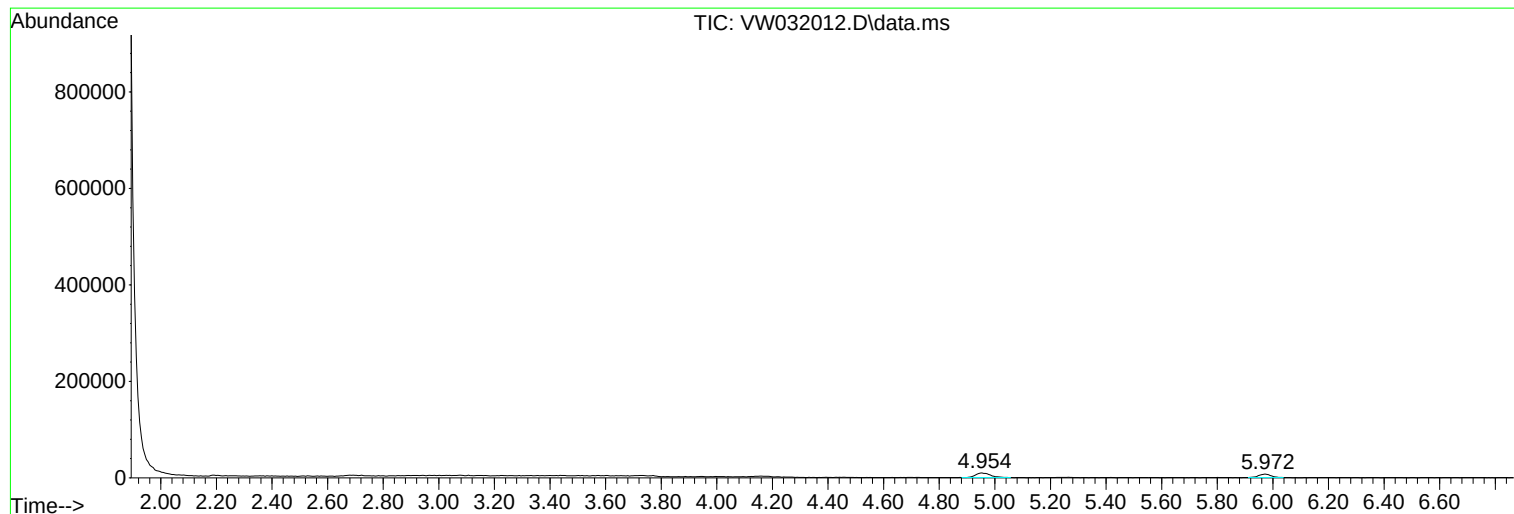
Sum of corrected areas: 8622401

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032012.D
Acq On : 05 Aug 2025 14:59
Operator : SY/MD
Sample : Q2774-05
Misc : 5.09g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
R5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032012.D
Acq On : 05 Aug 2025 14:59
Operator : SY/MD
Sample : Q2774-05
Misc : 5.09g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
R5

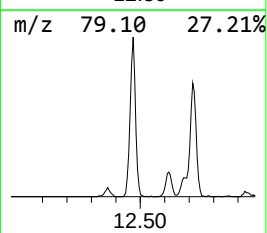
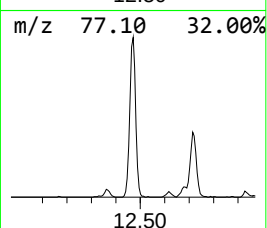
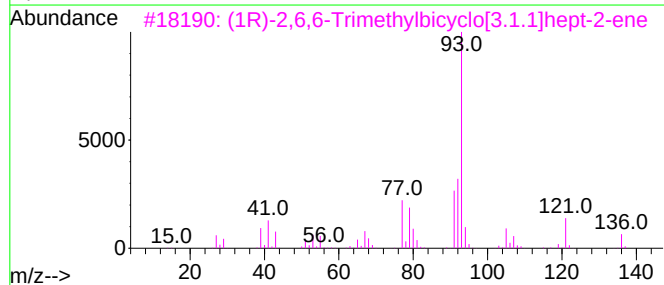
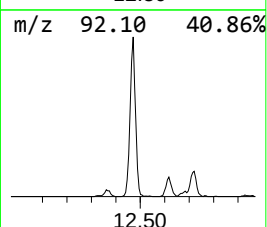
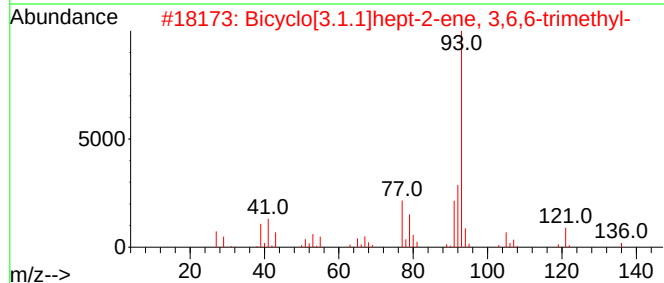
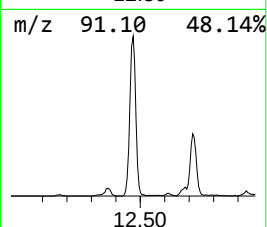
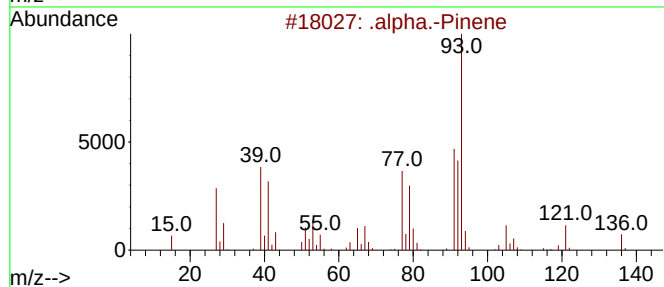
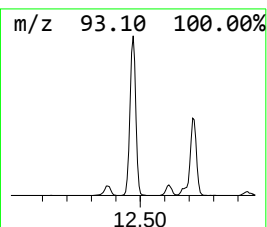
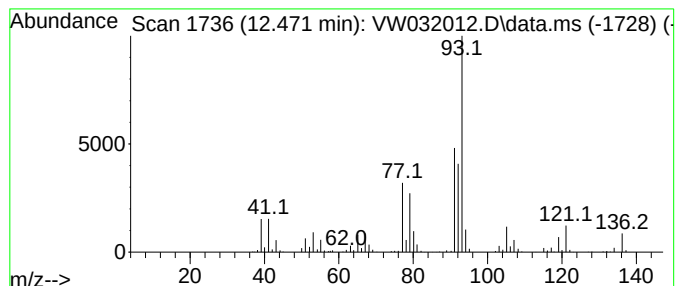
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 1 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.471	21.22 ug/l	500619	Chlorobenzene-d5	11.635

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	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	90
4	(1S)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-26-4	90
5	(+)-3-Carene			136	C10H16	000498-15-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032012.D
Acq On : 05 Aug 2025 14:59
Operator : SY/MD
Sample : Q2774-05
Misc : 5.09g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
R5

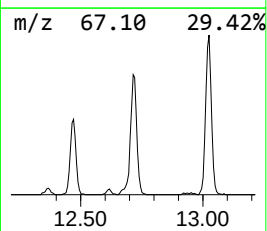
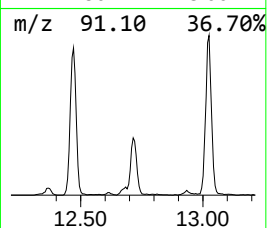
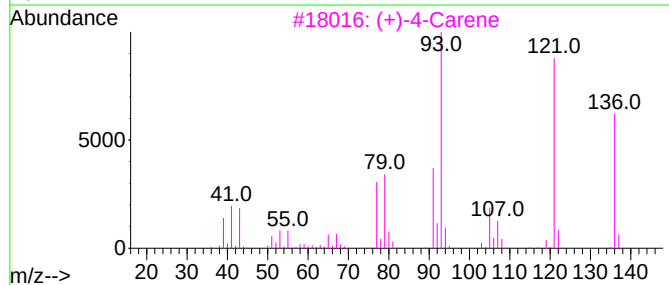
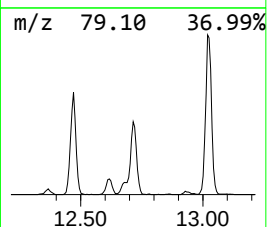
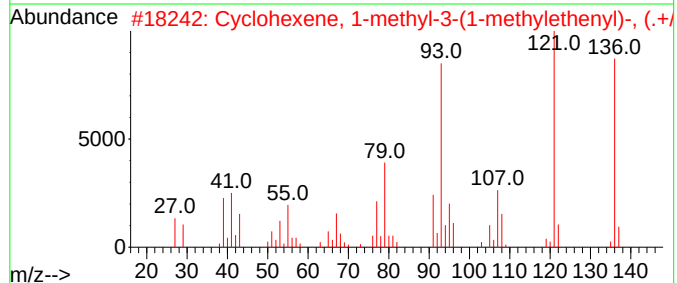
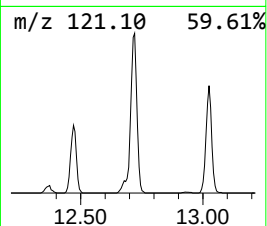
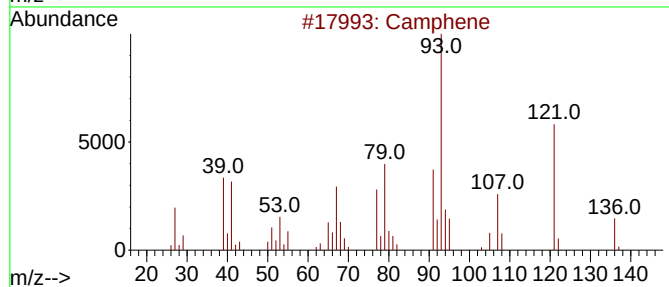
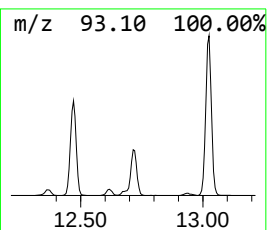
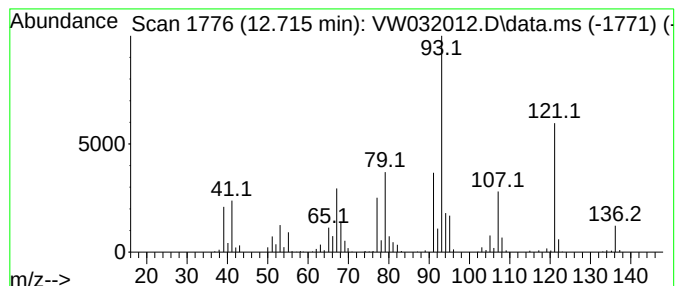
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 2 Camphene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.714	15.24 ug/l	347528	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	96
2			Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	90
3			(+)-4-Carene	136	C10H16	029050-33-7	74
4			2-Carene	136	C10H16	000554-61-0	74
5			.beta.-Pinene	136	C10H16	000127-91-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032012.D
Acq On : 05 Aug 2025 14:59
Operator : SY/MD
Sample : Q2774-05
Misc : 5.09g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
R5

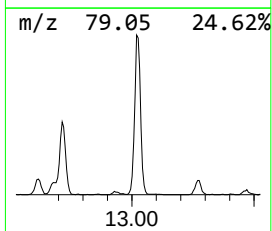
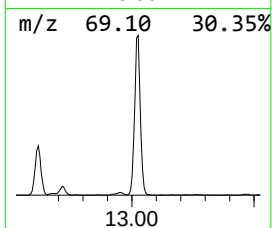
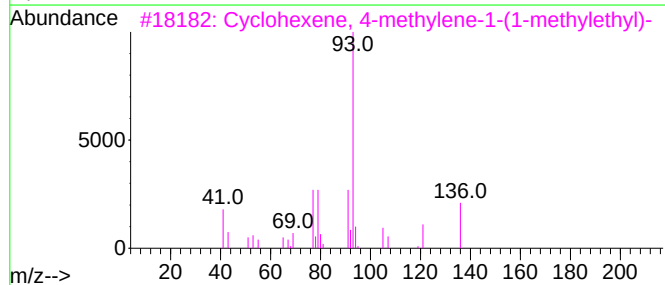
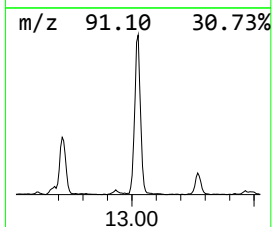
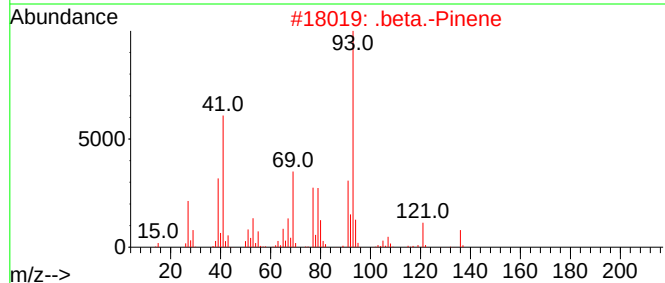
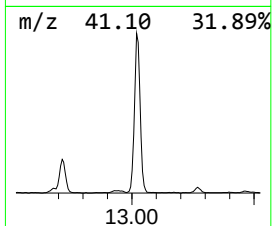
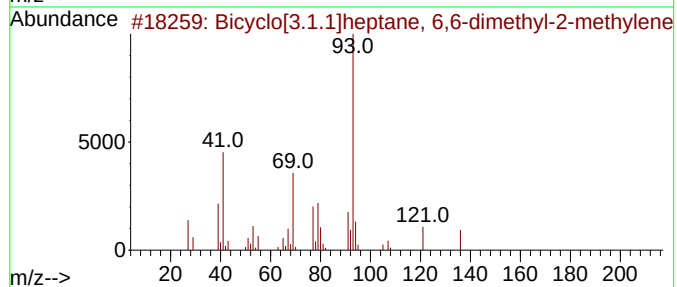
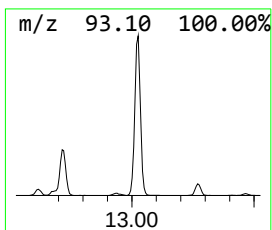
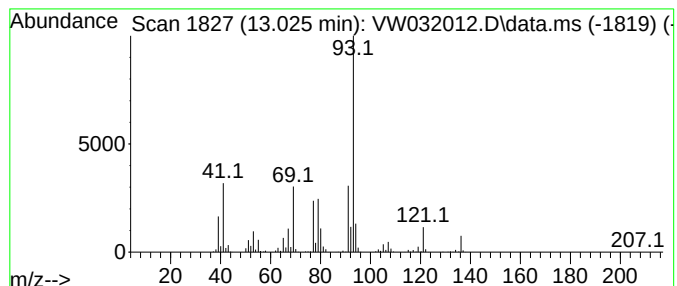
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

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

Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	34.58 ug/l	788804	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2			.beta.-Pinene	136	C10H16	000127-91-3	96
3			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4			.beta.-Myrcene	136	C10H16	000123-35-3	91
5			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032012.D
Acq On : 05 Aug 2025 14:59
Operator : SY/MD
Sample : Q2774-05
Misc : 5.09g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
R5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.471	21.2	ug/l	500619	3	11.635	1179460	50.0
Camphene	12.714	15.2	ug/l	347528	4	13.556	1140450	50.0
Bicyclo[3.1.1]h...	13.025	34.6	ug/l	788804	4	13.556	1140450	50.0