

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016814.D
 Acq On : 22 Dec 2023 17:34
 Operator : SY/MD
 Sample : 05877-16
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM55

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_Y\methods\82Y122023S.M
 Title : SW846 8260

Signal : TIC: VY016814.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.753	468	481	492	rBV3	14038	42689	1.09%	0.362%
2	7.746	961	972	978	rBV	94402	229755	5.86%	1.947%
3	7.820	978	984	995	rVB	130230	291119	7.43%	2.467%
4	8.167	1031	1041	1053	rBV	81302	186568	4.76%	1.581%
5	8.716	1119	1131	1143	rBV	262015	505353	12.89%	4.282%
6	10.203	1365	1375	1383	rBV	399960	678166	17.30%	5.747%
7	11.514	1582	1590	1603	rBV	406326	676608	17.26%	5.734%
8	12.355	1720	1728	1741	rBV	881414	1382651	35.27%	11.716%
9	12.502	1745	1752	1758	rVV2	317094	513701	13.10%	4.353%
10	12.569	1758	1763	1766	rVV	168459	298016	7.60%	2.525%
11	12.605	1766	1769	1778	rVB	137254	205354	5.24%	1.740%
12	12.849	1800	1809	1813	rBV	501767	714316	18.22%	6.053%
13	12.910	1813	1819	1833	rVB	2532960	3920065	100.00%	33.218%
14	13.160	1852	1860	1871	rVB	428034	692002	17.65%	5.864%
15	13.294	1877	1882	1887	rBV3	34745	67143	1.71%	0.569%
16	13.361	1887	1893	1895	rVV	287149	448938	11.45%	3.804%
17	13.386	1895	1897	1902	rVV	218224	293831	7.50%	2.490%
18	13.447	1902	1907	1913	rVV	389579	606611	15.47%	5.140%
19	13.508	1913	1917	1923	rVB2	30543	48009	1.22%	0.407%

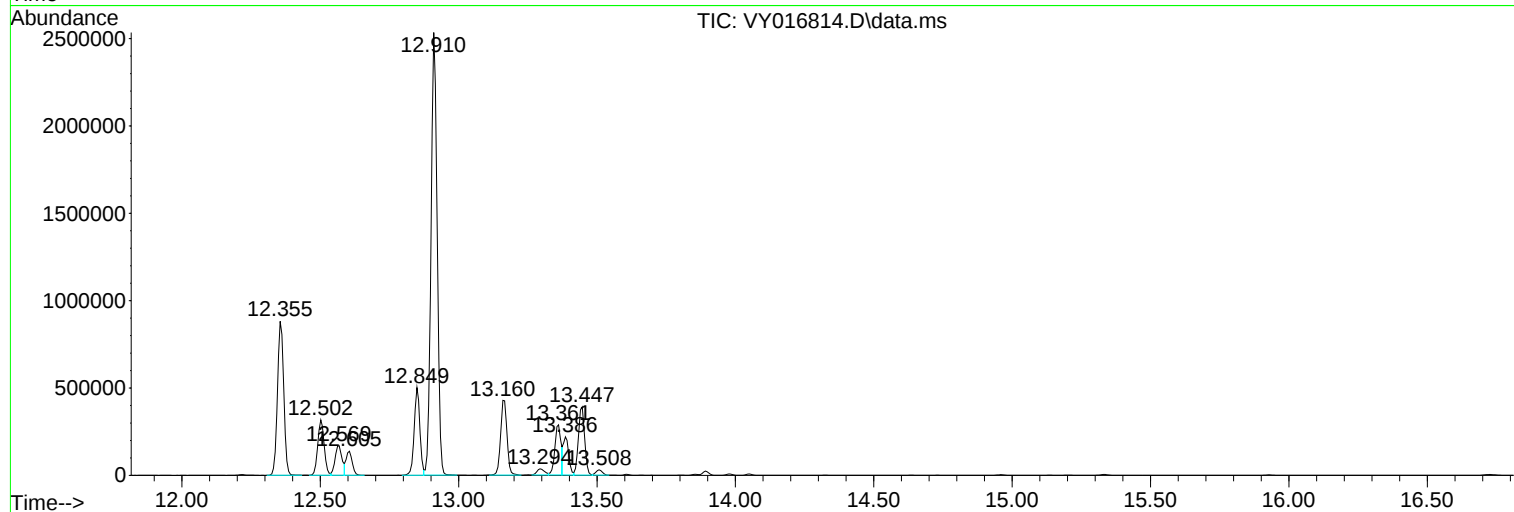
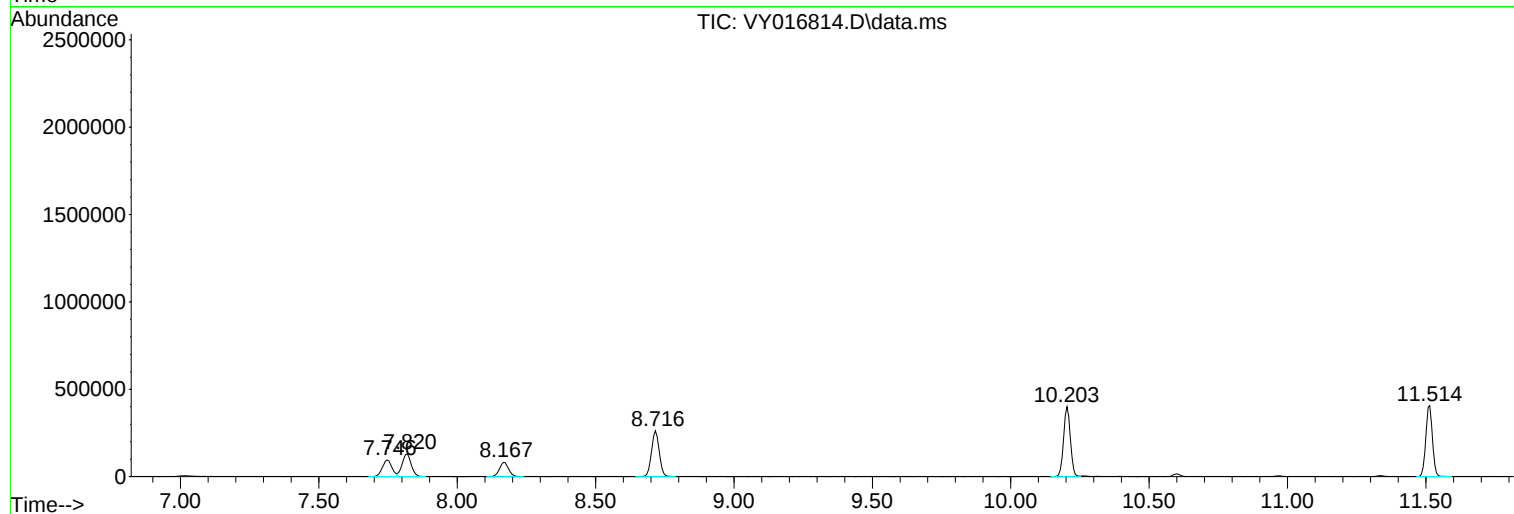
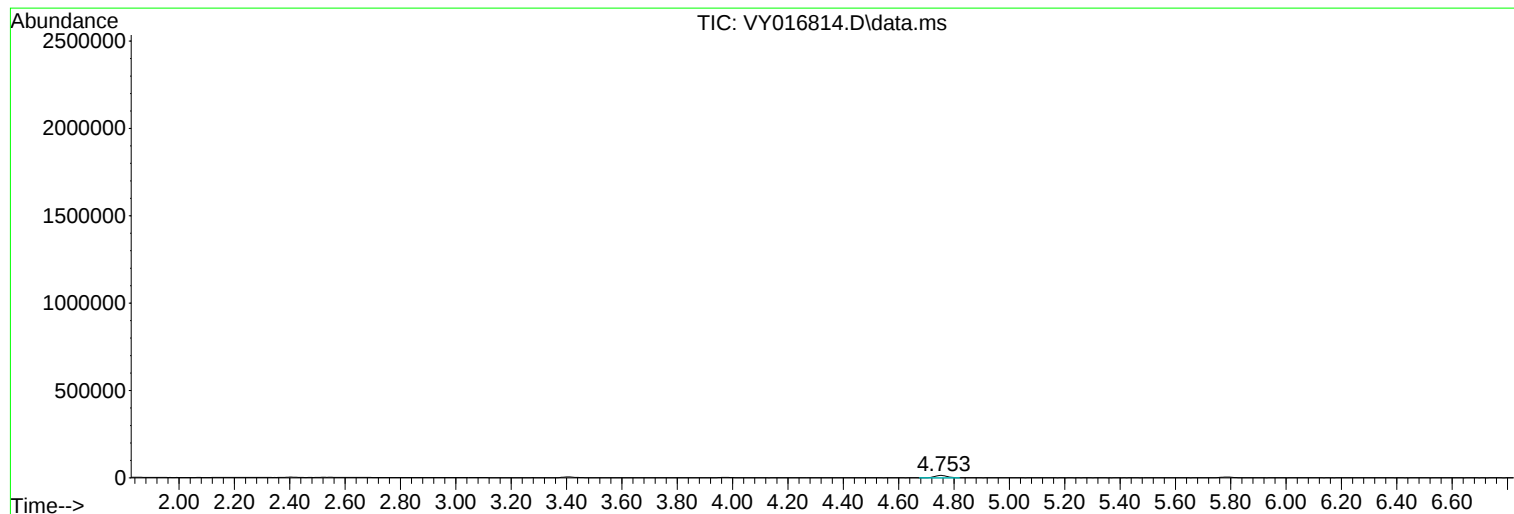
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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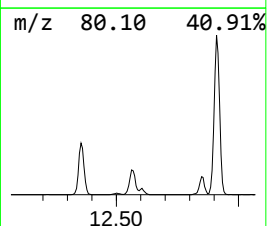
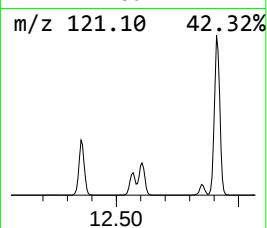
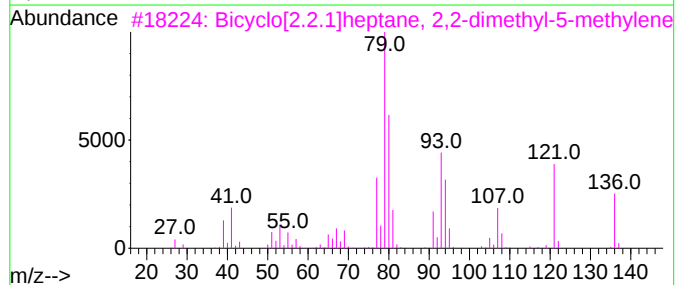
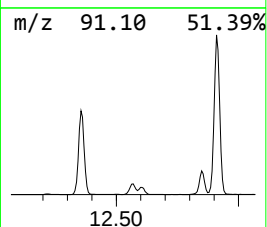
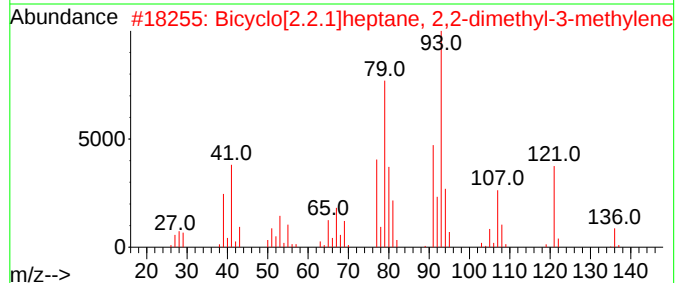
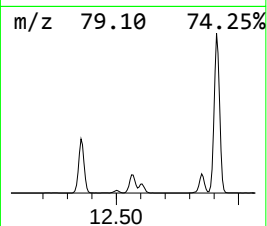
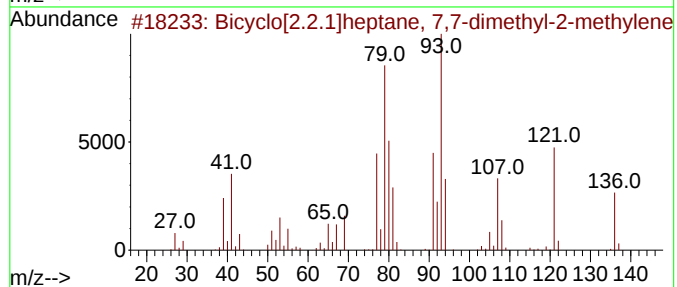
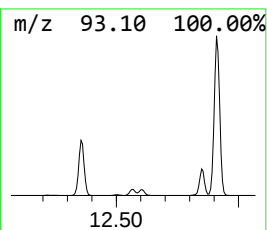
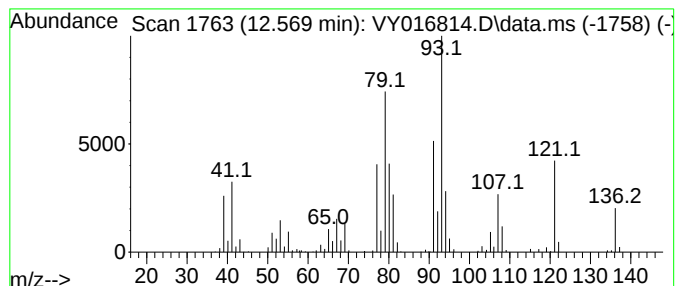
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260

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

Peak Number 1 Bicyclo[2.2.1]heptane, 7,7-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	24.56 ug/l	298016	1,4-Dichlorobenzene-d4	13.447

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	98
2			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	91
3			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	000497-32-5	52
4			Cyclobutane, 2-ethylidene-1-vinyl-	108	C8H12	1000150-32-4	52
5			Cyclohexene, 3-methyl-6-(1-methyl...	136	C10H16	000586-63-0	52



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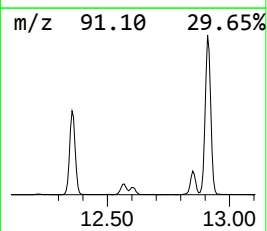
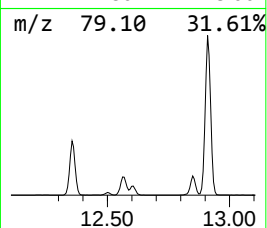
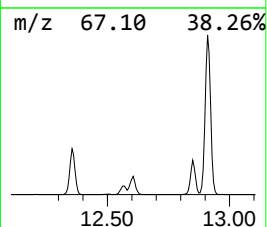
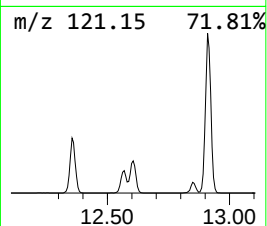
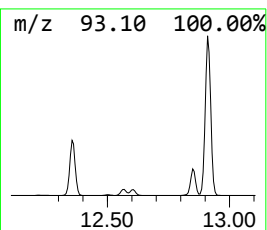
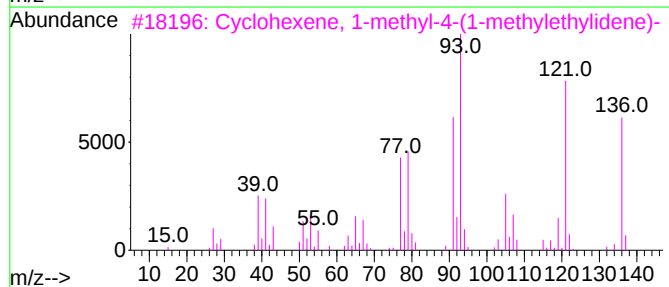
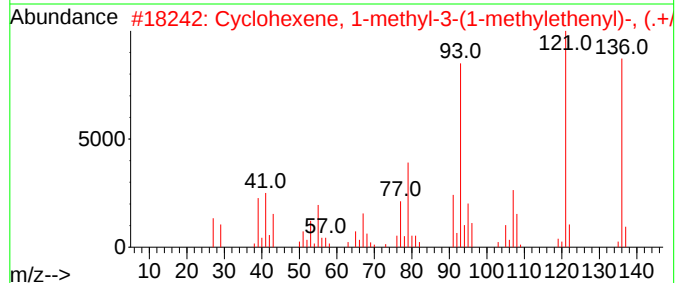
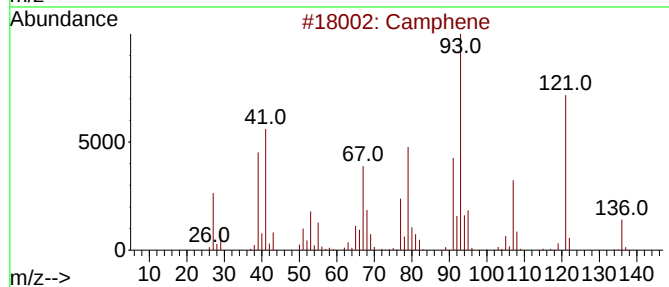
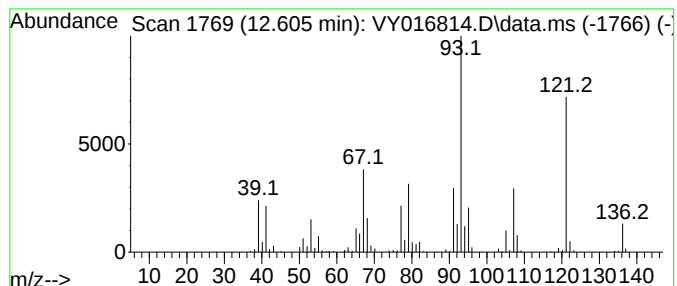
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Peak Number 2 Camphene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.605	16.93 ug/l	205354	1,4-Dichlorobenzene-d4	13.447

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	91
2			Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	74
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	70
4			2-Carene	136	C10H16	000554-61-0	62
5			.beta.-Pinene	136	C10H16	000127-91-3	62



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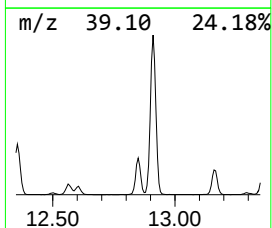
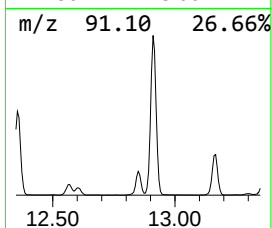
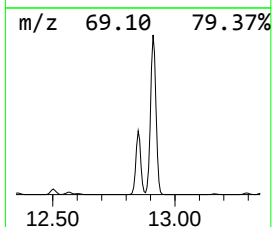
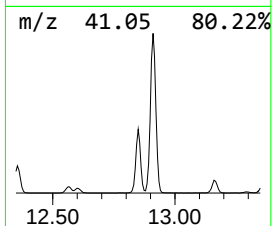
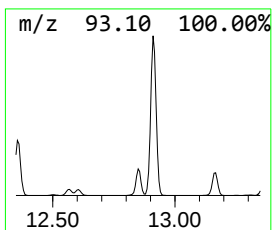
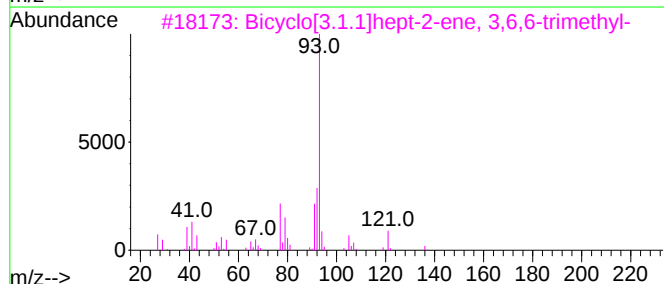
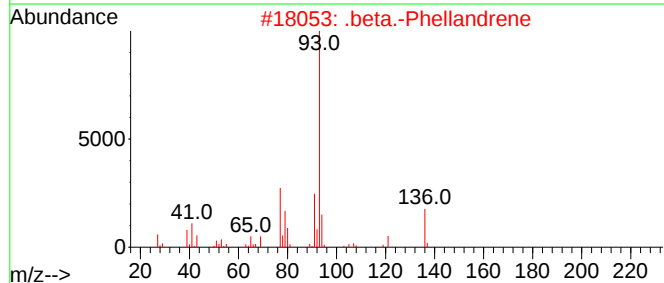
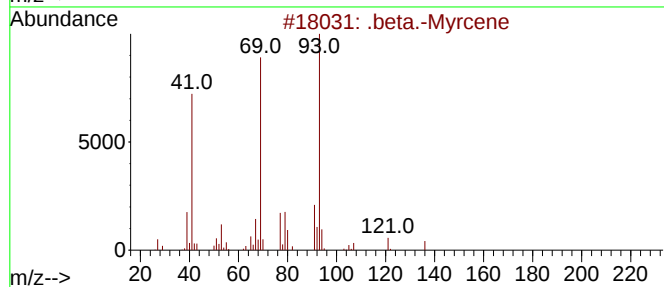
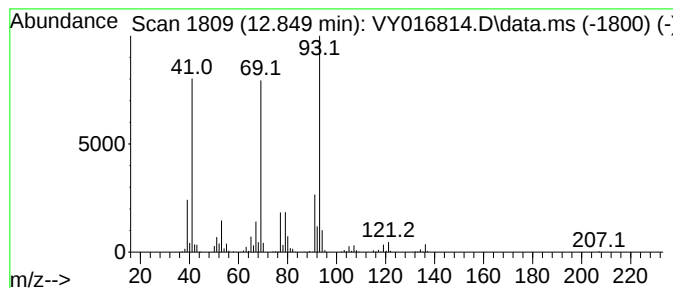
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 .beta.-Myrcene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.849	58.88 ug/l	714316	1,4-Dichlorobenzene-d4	13.447

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-Myrcene	136	C10H16	000123-35-3	95	
2	.	beta.-Phellandrene	136	C10H16	000555-10-2	47	
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	46		
4	Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	46		
5	2-Pyridinemethanamine, N-methyl-	122	C7H10N2	021035-59-6	41		



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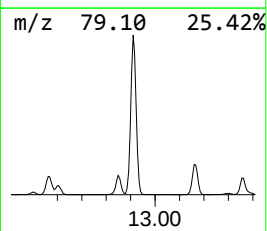
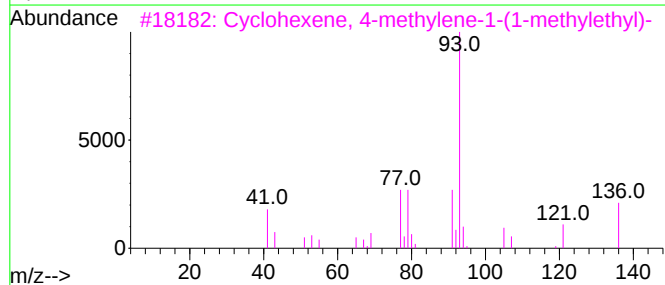
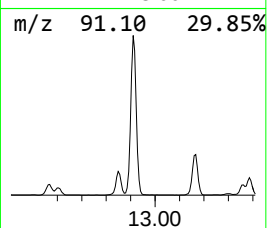
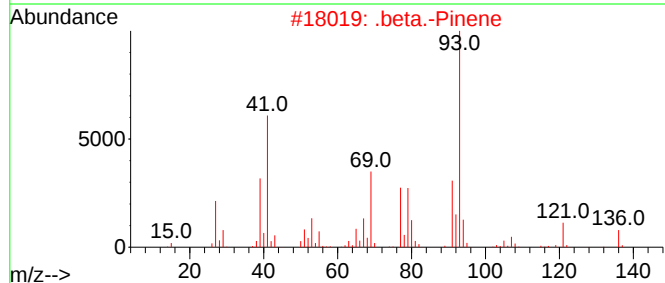
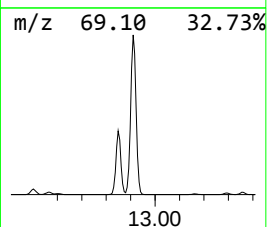
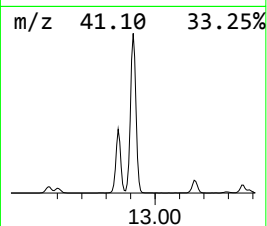
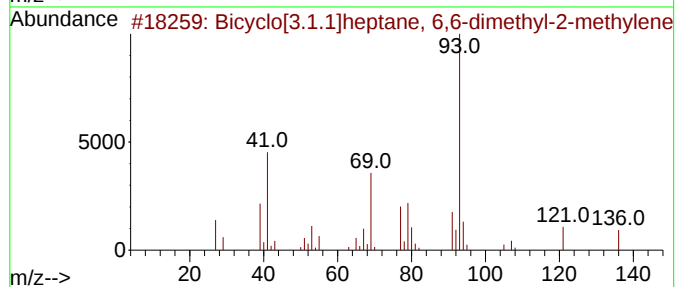
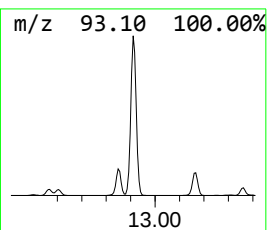
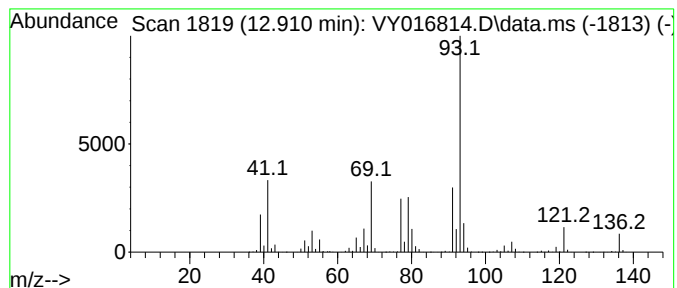
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Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.910	323.11 ug/l	3920070	1,4-Dichlorobenzene-d4	13.447

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			.alpha.-Pinene	136	C10H16	000080-56-8	91



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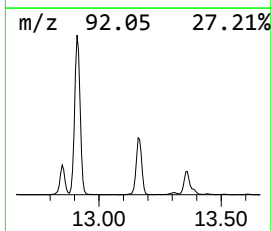
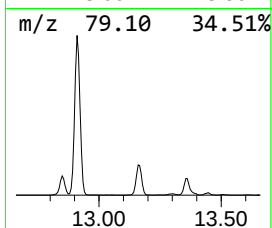
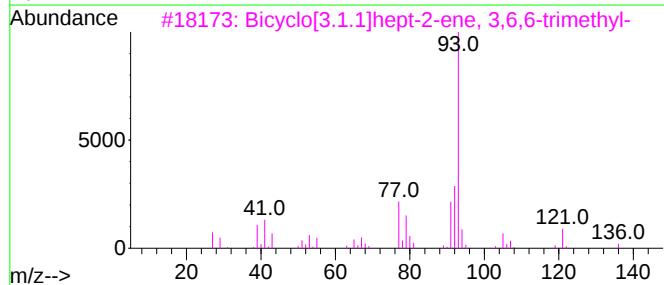
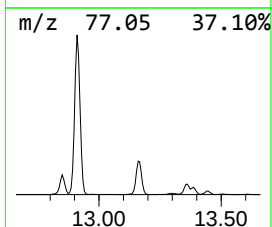
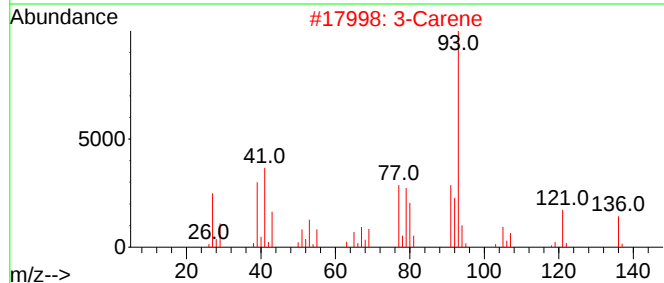
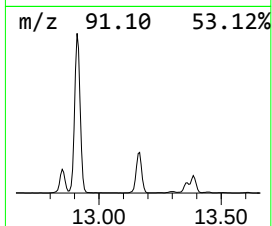
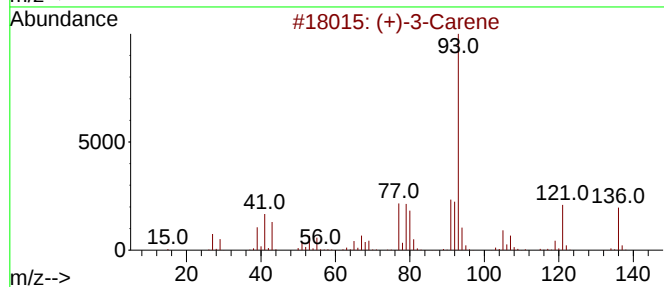
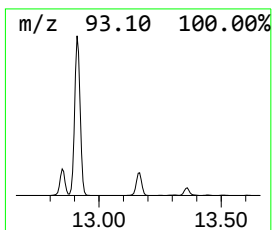
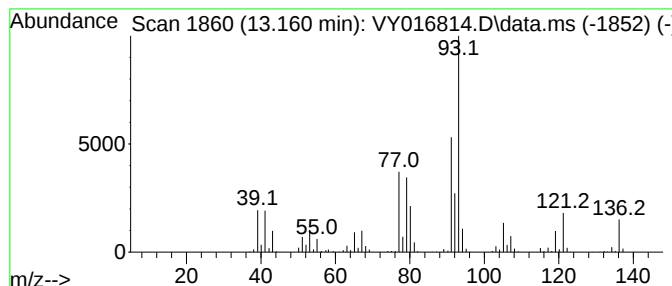
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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Peak Number 5 (+)-3-Carene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	57.04 ug/l	692002	1,4-Dichlorobenzene-d4	13.447

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(+)-3-Carene	136	C10H16	000498-15-7	96
2			3-Carene	136	C10H16	013466-78-9	95
3			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90
4			.gamma.-Terpinene	136	C10H16	000099-85-4	90
5			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90



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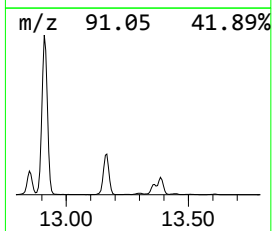
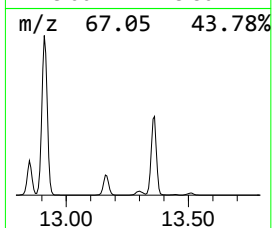
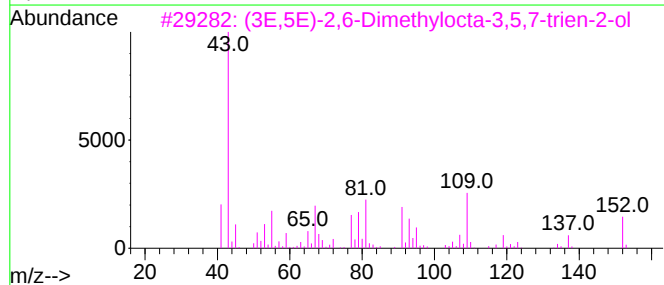
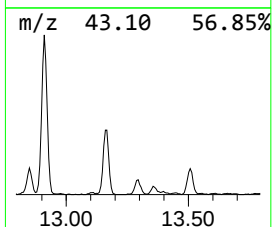
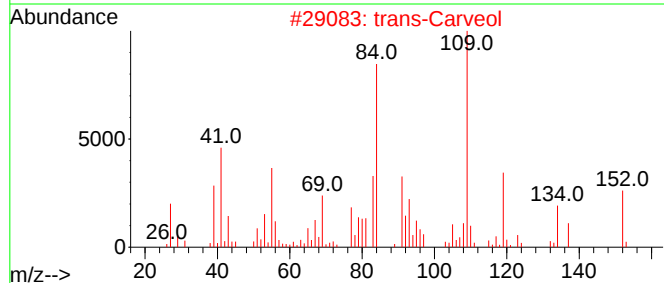
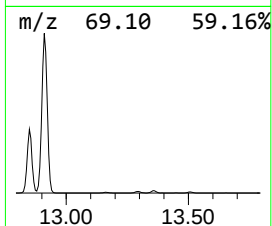
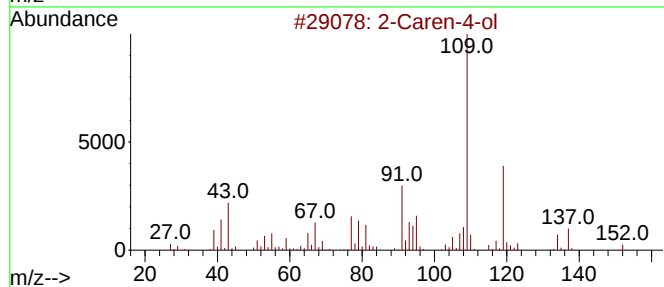
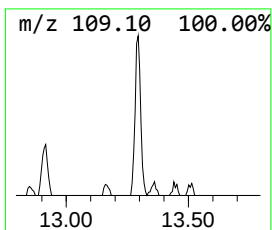
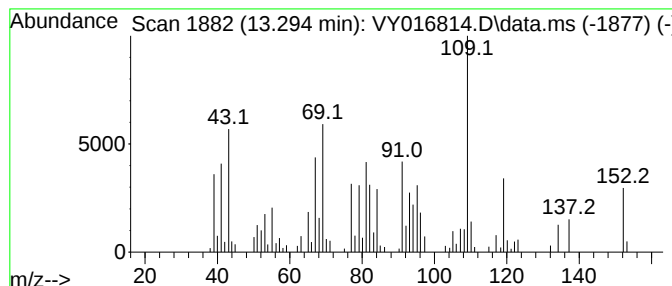
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260

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

Peak Number 6 2-Caren-4-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.294	5.53 ug/l	67143	1,4-Dichlorobenzene-d4	13.447

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Caren-4-ol	152	C10H16O	006617-35-2	52
2			trans-Carveol	152	C10H16O	001197-07-5	49
3			(3E,5E)-2,6-Dimethylocta-3,5,7-t...	152	C10H16O	206115-88-0	46
4			3,5-Dimethyl-1-butylpyrazole	152	C9H16N2	002655-37-0	43
5			(1,3-Dimethyl-2-methylene-cyclop...	140	C9H16O	1000190-16-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
Data File : VY016814.D
Acq On : 22 Dec 2023 17:34
Operator : SY/MD
Sample : 05877-16
Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COM55

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.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
Bicyclo[2.2.1]h...	12.569	24.6	ug/l	298016	4	13.447	606611	50.0
Camphene	12.605	16.9	ug/l	205354	4	13.447	606611	50.0
.beta.-Myrcene	12.849	58.9	ug/l	714316	4	13.447	606611	50.0
Bicyclo[3.1.1]h...	12.910	323.1	ug/l	3920070	4	13.447	606611	50.0
(+)-3-Carene	13.160	57.0	ug/l	692002	4	13.447	606611	50.0
2-Caren-4-ol	13.294	5.5	ug/l	67143	4	13.447	606611	50.0