

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016043.D
 Acq On : 19 Oct 2023 17:33
 Operator : SY/MD
 Sample : 04938-14
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-7(2-6)

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\82Y101823S.M
 Title : SW846 8260

Signal : TIC: VY016043.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	4	7	18	rVB2	5192	9536	1.34%	0.176%
2	3.125	207	214	225	rVB4	3660	10586	1.49%	0.195%
3	4.716	465	475	494	rVB2	16096	50584	7.10%	0.934%
4	5.753	634	645	657	rVB3	8281	26488	3.72%	0.489%
5	7.722	958	968	973	rBV	104093	245322	34.43%	4.529%
6	7.789	973	979	994	rVB	174768	404480	56.76%	7.467%
7	8.149	1027	1038	1050	rBV	105460	241693	33.92%	4.462%
8	8.691	1119	1127	1138	rBV	262633	522001	73.26%	9.637%
9	10.185	1364	1372	1380	rBV	413528	712561	100.00%	13.155%
10	11.496	1580	1587	1599	rBV	389035	627252	88.03%	11.580%
11	11.593	1599	1603	1611	rVB3	5862	10389	1.46%	0.192%
12	12.203	1696	1703	1715	rVB3	5540	10867	1.53%	0.201%
13	12.337	1719	1725	1732	rBV	94014	155466	21.82%	2.870%
14	12.489	1741	1750	1758	rBV	313194	513604	72.08%	9.482%
15	12.806	1795	1802	1811	rBV	258584	421055	59.09%	7.773%
16	12.898	1811	1817	1822	rVB	42758	70021	9.83%	1.293%
17	13.123	1846	1854	1859	rBV5	6573	11954	1.68%	0.221%
18	13.233	1868	1872	1877	rBV2	10754	17951	2.52%	0.331%
19	13.343	1885	1890	1898	rBV2	32195	55289	7.76%	1.021%
20	13.428	1898	1904	1913	rVB	403016	624561	87.65%	11.530%
21	13.593	1926	1931	1935	rBV	19513	28039	3.93%	0.518%
22	13.879	1973	1978	1986	rBV5	8324	13923	1.95%	0.257%
23	13.965	1987	1992	1999	rBV	19346	31276	4.39%	0.577%
24	14.733	2104	2118	2119	rBV6	9751	24652	3.46%	0.455%
25	14.763	2119	2123	2129	rVB2	11712	23072	3.24%	0.426%
26	14.983	2151	2159	2164	rBV6	4536	7882	1.11%	0.146%
27	15.239	2190	2201	2208	rBV	184678	307440	43.15%	5.676%
28	16.294	2367	2374	2384	rVB	49291	105239	14.77%	1.943%
29	16.495	2399	2407	2417	rVB	64254	133652	18.76%	2.467%

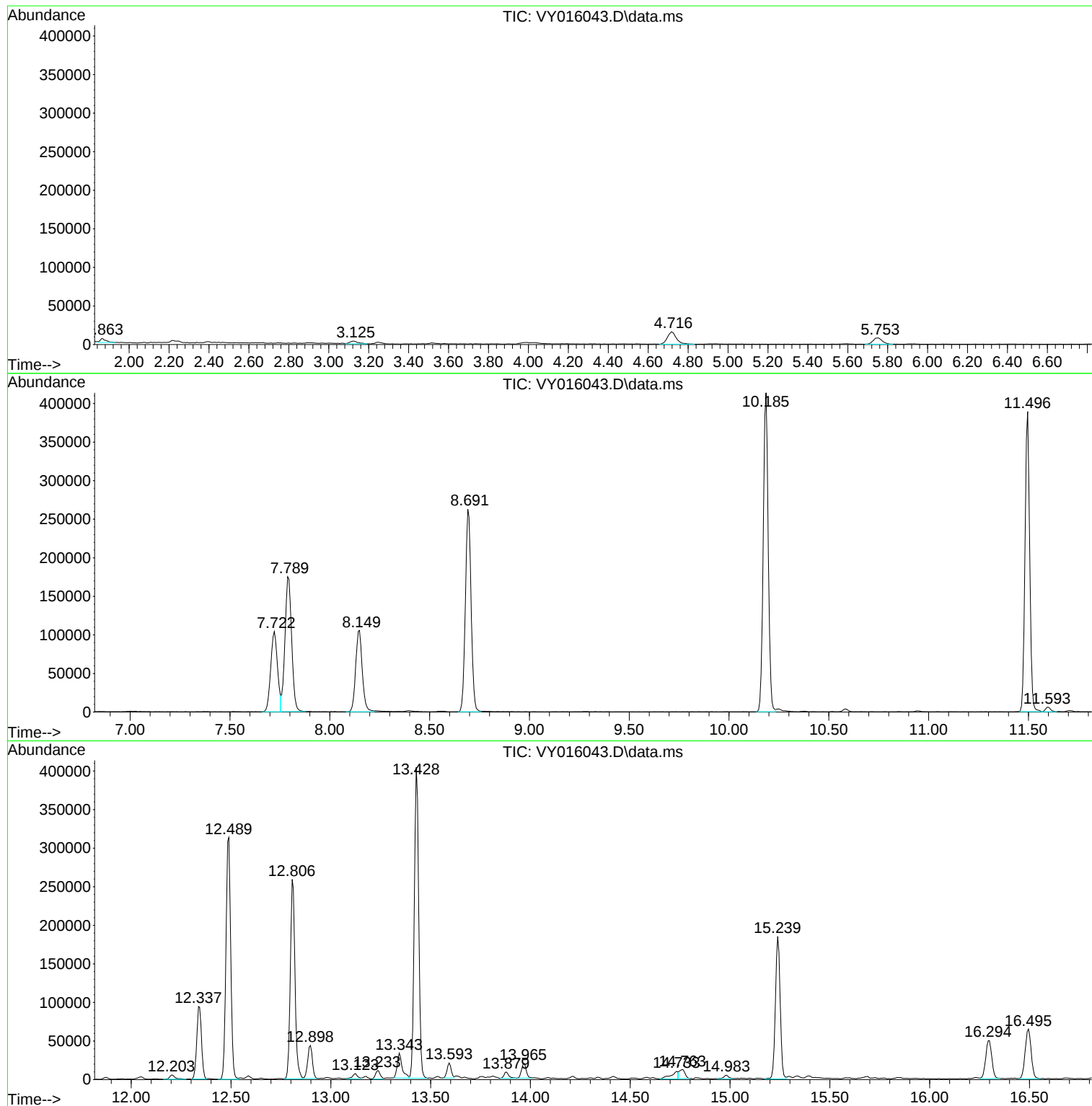
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Instrument :
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ClientSampleId :
A-7(2-6)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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



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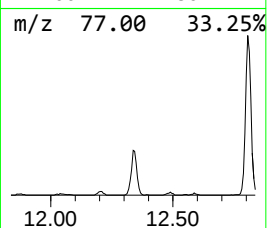
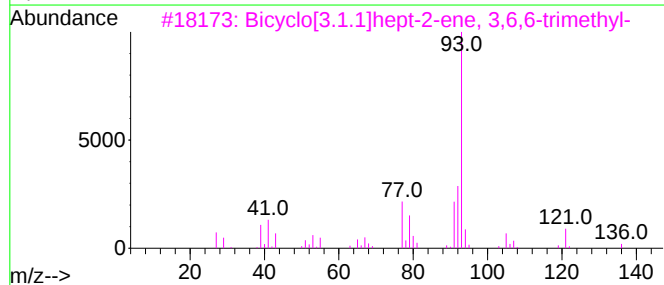
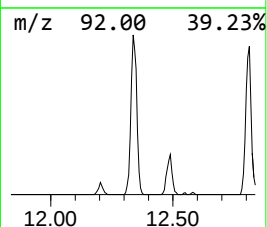
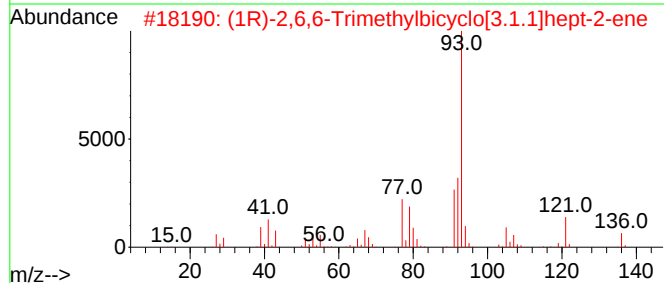
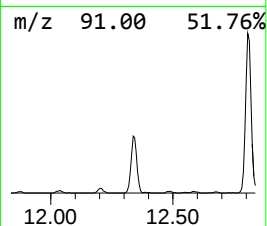
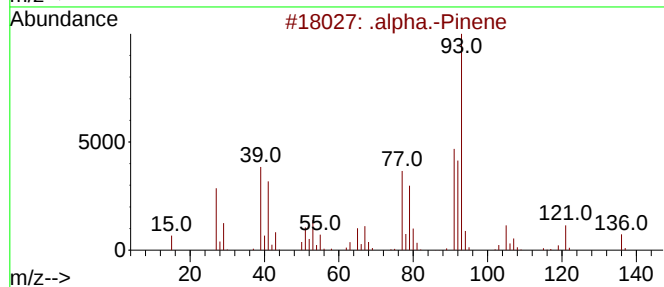
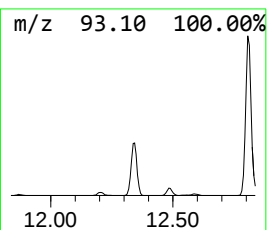
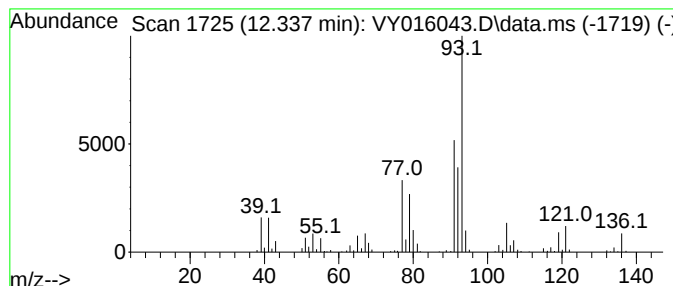
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ClientSampleId :
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Quant Title : SW846 8260

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.	
12.337	12.39 ug/l	155466	Chlorobenzene-d5	11.496	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene, 3,6,6-trimethylbicyclo[3.1.1]hept-2-ene, 3,6,6-trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethylbicyclo[3.1.1]hept-2-ene, 3,6,6-trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	004889-83-2	91
4	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	90
5	.gamma.-Terpinene	136	C10H16	000099-85-4	81



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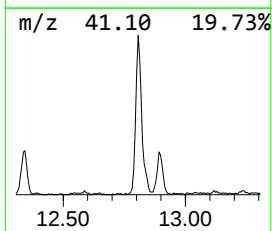
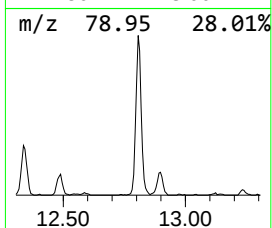
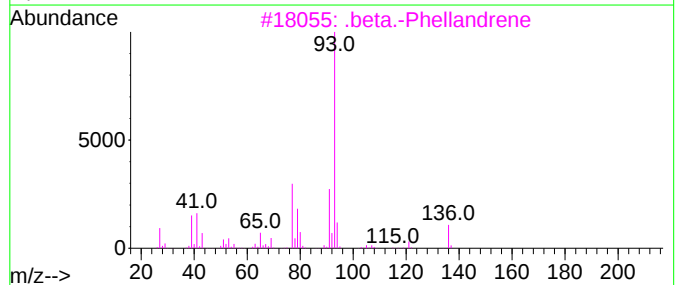
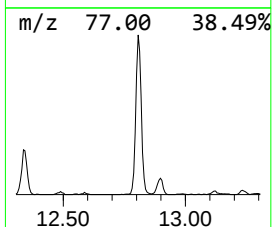
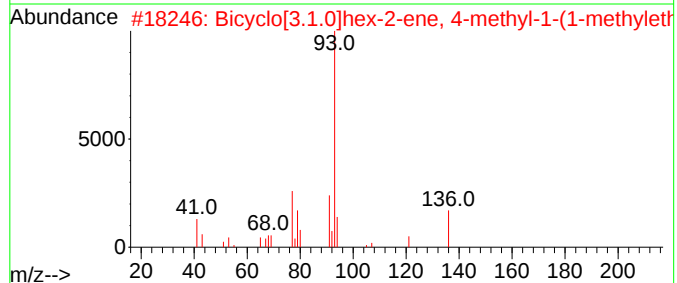
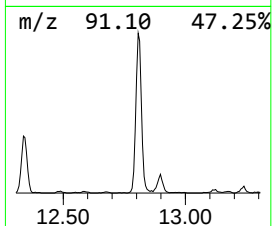
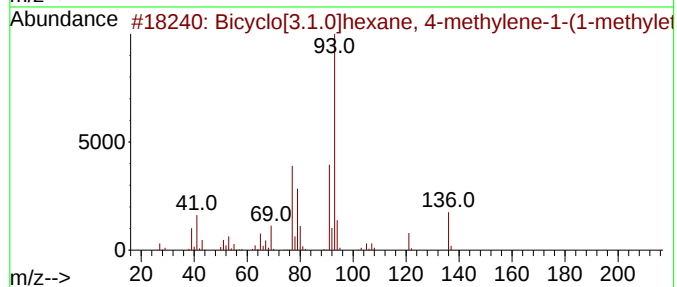
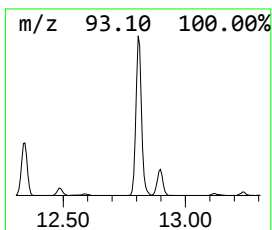
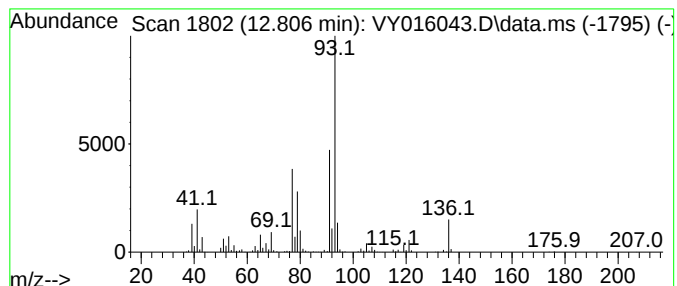
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 2 Bicyclo[3.1.0]hexane, 4-met... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.806	33.71 ug/l	421055	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	97
2			Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	91
3			.beta.-Phellandrene	136	C10H16	000555-10-2	90
4			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	80
5			.gamma.-Terpinene	136	C10H16	000099-85-4	80



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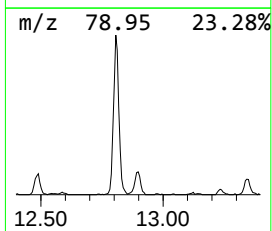
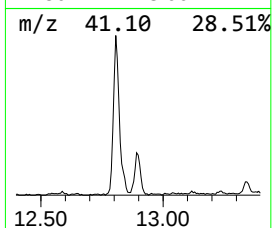
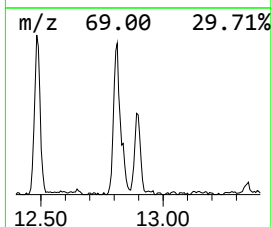
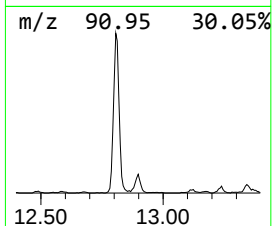
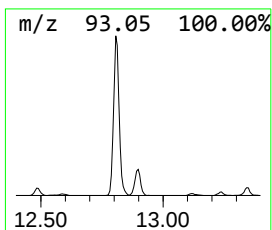
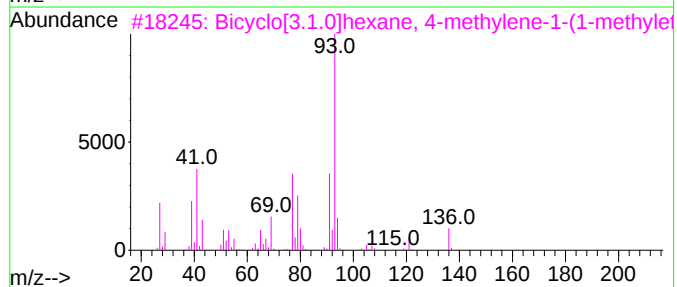
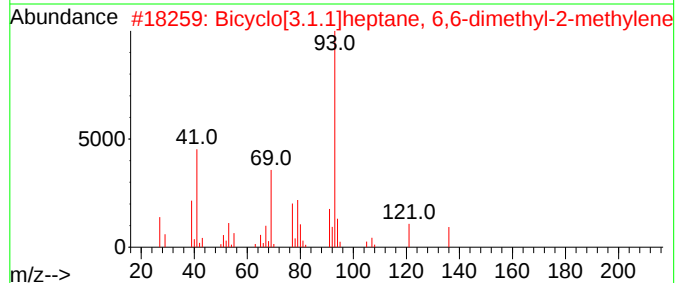
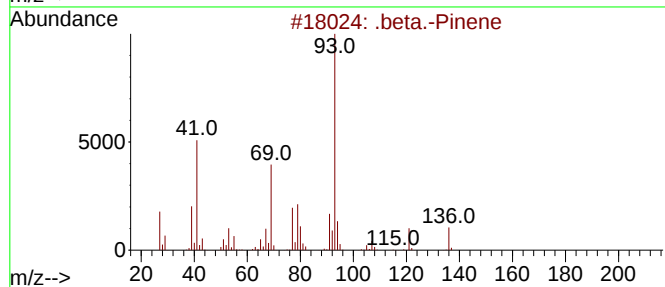
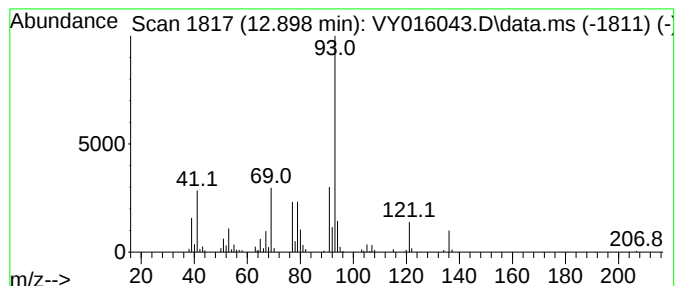
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 .beta.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.898	5.61 ug/l	70021	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Pinene	136	C10H16	000127-91-3	94
2			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	94
3			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	90
4			3-Carene	136	C10H16	013466-78-9	86
5			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	86



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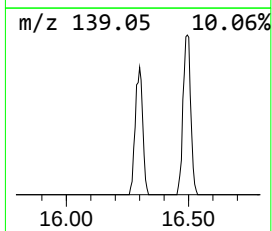
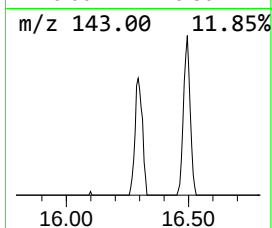
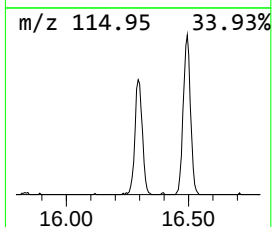
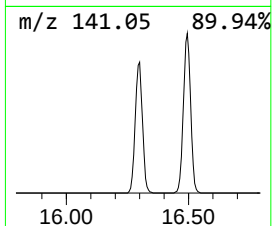
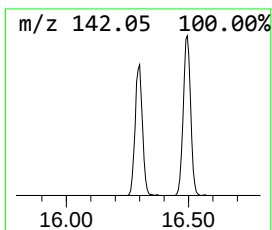
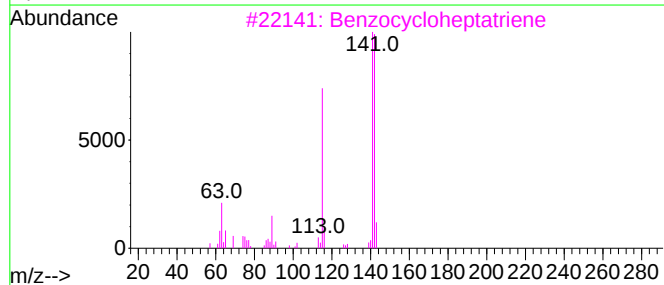
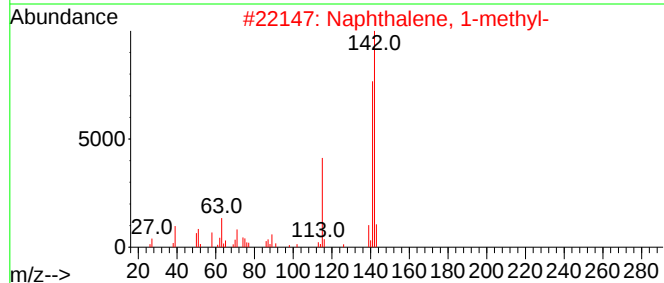
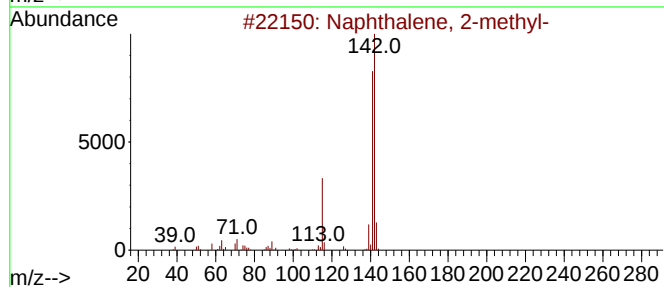
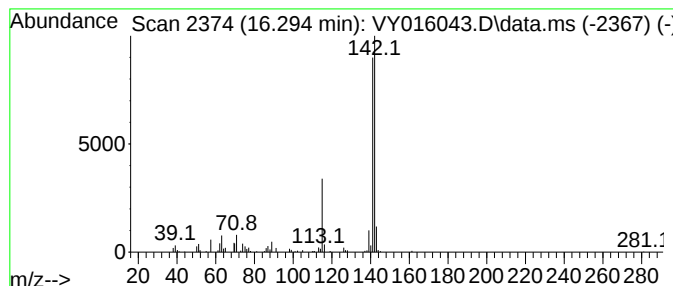
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Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	8.43 ug/l	105239	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90



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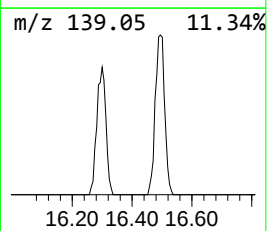
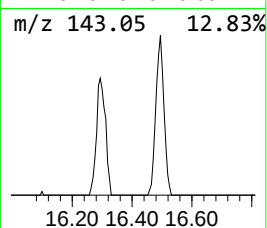
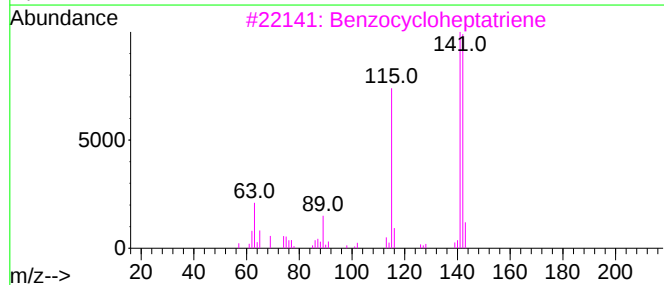
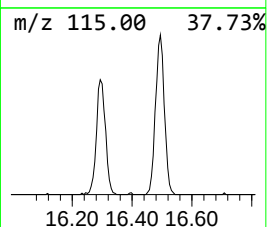
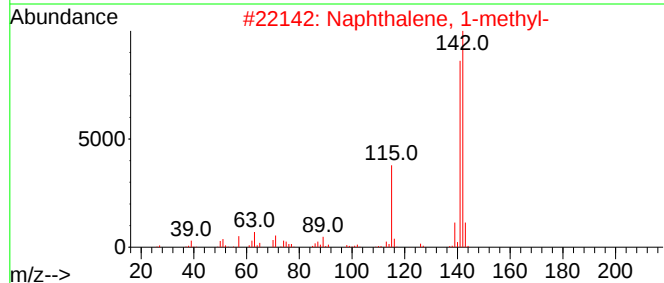
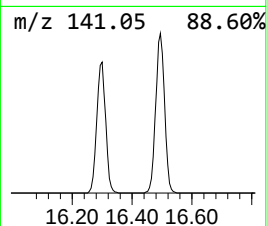
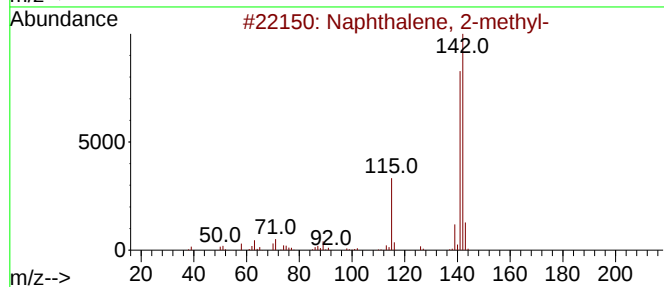
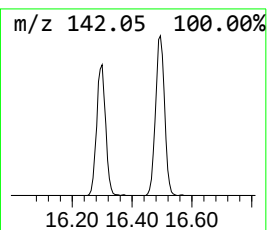
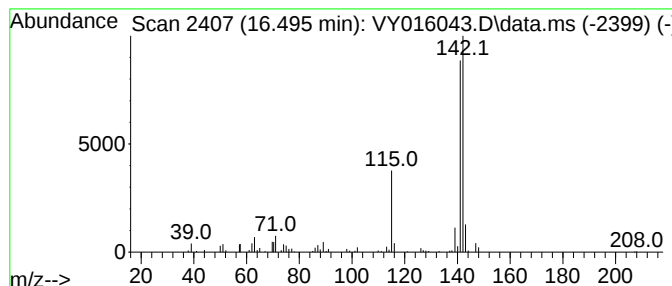
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Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.495	10.70 ug/l	133652	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3			Benzocycloheptatriene	142	C11H10	000264-09-5	90
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5			3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.337	12.4	ug/l	155466	3	11.496	627252	50.0
Bicyclo[3.1.0]h...	12.806	33.7	ug/l	421055	4	13.428	624561	50.0
.beta.-Pinene	12.898	5.6	ug/l	70021	4	13.428	624561	50.0
Naphthalene, 2-...	16.294	8.4	ug/l	105239	4	13.428	624561	50.0
Naphthalene, 1-...	16.495	10.7	ug/l	133652	4	13.428	624561	50.0