

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001881.D
 Acq On : 05 Mar 2020 14:58
 Operator : SY/MD
 Sample : L1778-24
 Misc : 5.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S9

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.402	263	273	284	rBV2	3467	11210	1.49%	0.265%
2	4.749	484	494	502	rBV2	6044	18331	2.44%	0.434%
3	7.742	974	985	990	rBV	94530	222292	29.61%	5.261%
4	7.809	990	996	1010	rVB	165828	373796	49.80%	8.846%
5	8.163	1045	1054	1067	rBV	101019	221003	29.44%	5.230%
6	8.706	1134	1143	1155	rVB	277319	544505	72.54%	12.886%
7	10.187	1378	1386	1395	rBV	431292	750622	100.00%	17.764%
8	11.498	1594	1601	1612	rBV	386190	613417	81.72%	14.517%
9	11.876	1656	1663	1670	rBV	81901	125466	16.71%	2.969%
10	12.345	1733	1740	1746	rVB	64850	108110	14.40%	2.558%
11	12.491	1757	1764	1769	rBV	268530	422628	56.30%	10.002%
12	12.552	1769	1774	1778	rVV	62215	107006	14.26%	2.532%
13	12.595	1778	1781	1787	rVB2	32047	47248	6.29%	1.118%
14	12.815	1811	1817	1819	rBV3	6802	11989	1.60%	0.284%
15	12.839	1819	1821	1826	rVV	7660	8973	1.20%	0.212%
16	12.900	1826	1831	1837	rVB2	13155	21370	2.85%	0.506%
17	13.351	1899	1905	1906	rBV3	8214	11467	1.53%	0.271%
18	13.375	1906	1909	1913	rVV	13989	20378	2.71%	0.482%
19	13.430	1913	1918	1924	rVV	324922	499266	66.51%	11.815%
20	13.497	1924	1929	1939	rVB4	19082	31673	4.22%	0.750%
21	14.772	2132	2138	2145	rBV2	20727	36059	4.80%	0.853%
22	14.954	2159	2168	2174	rBV2	10363	18757	2.50%	0.444%

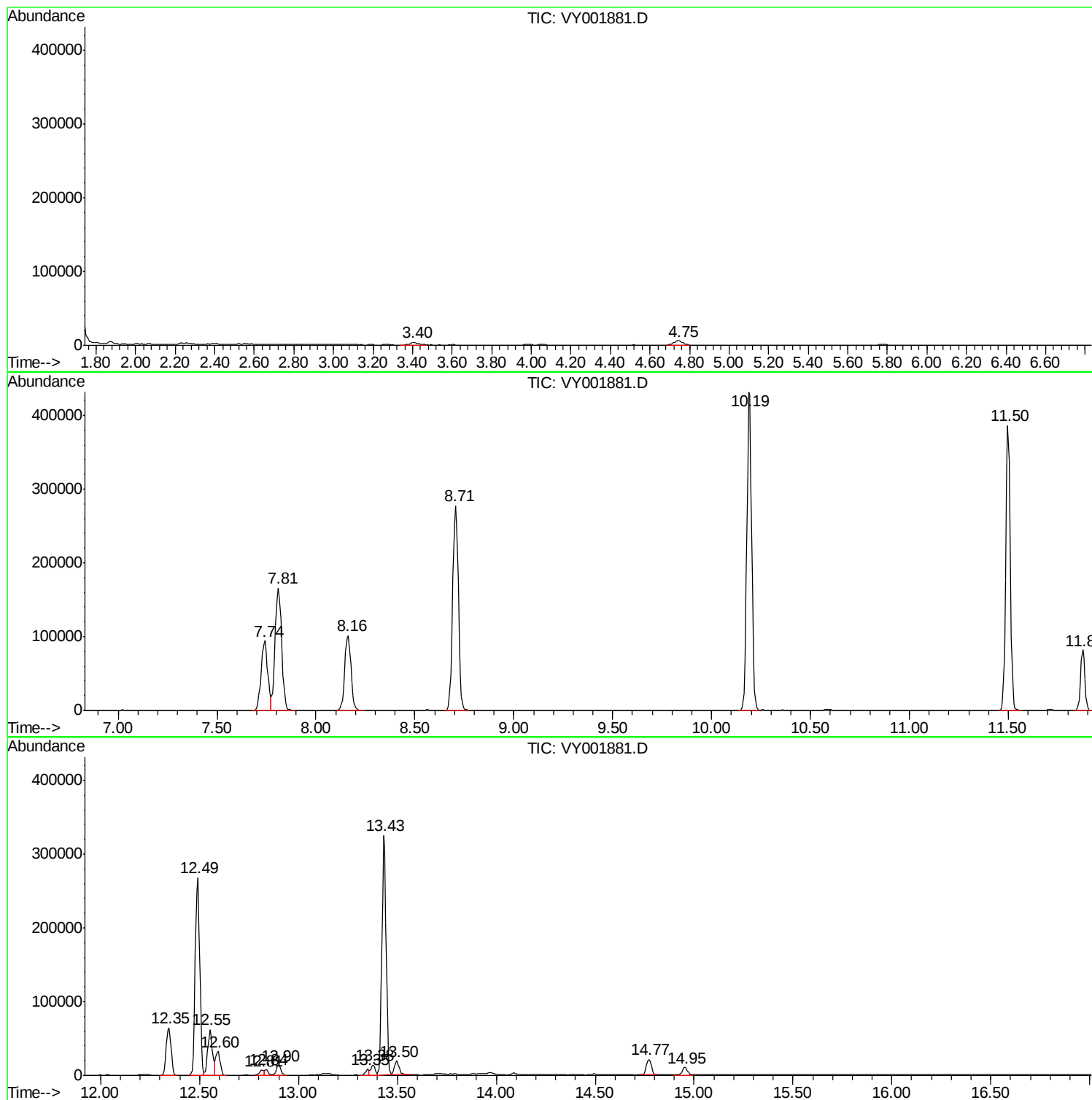
Sum of corrected areas: 4225566

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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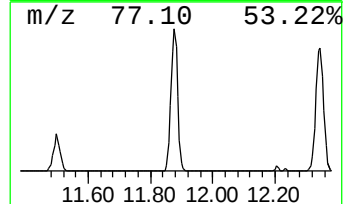
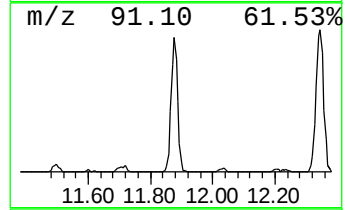
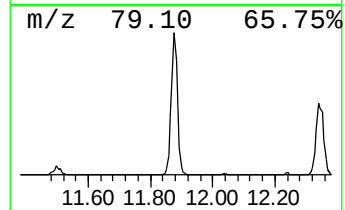
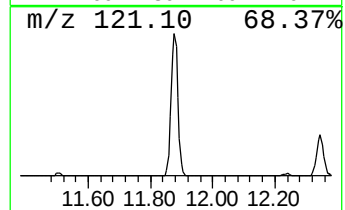
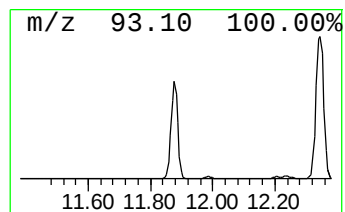
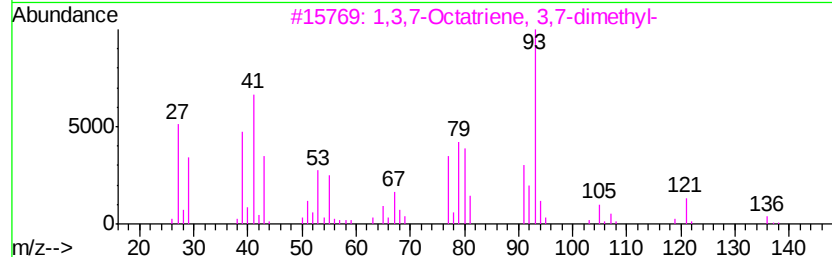
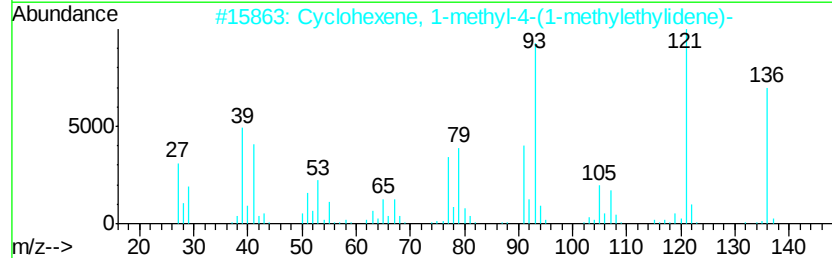
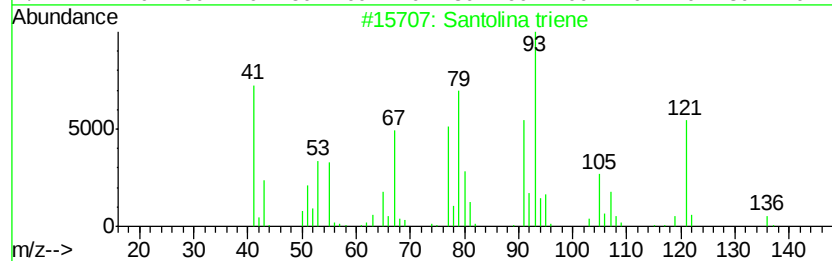
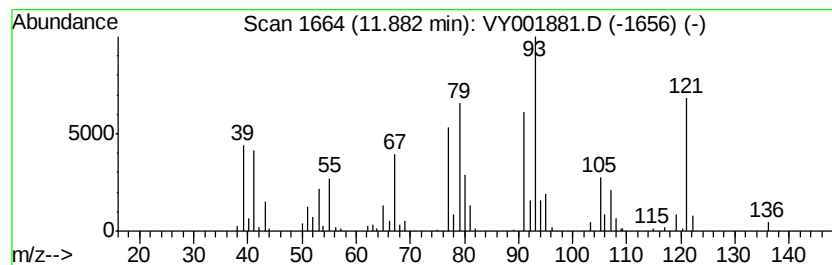
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 1 Santolina triene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.88	10.23 ug/l	125466	Chlorobenzene-d5	11.50		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Santolina triene	136	C10H16	002153-66-4	97
2		Cyclohexene, 1-methyl-4-(1-methyl-...	136	C10H16	000586-62-9	87
3		1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	58
4		1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	52
5		.beta.-Ocimene	136	C10H16	013877-91-3	52



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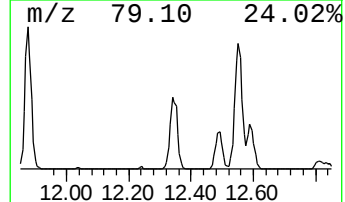
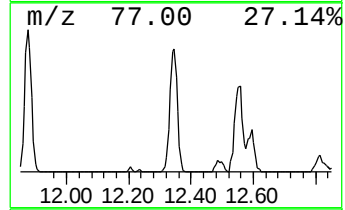
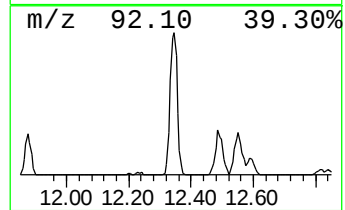
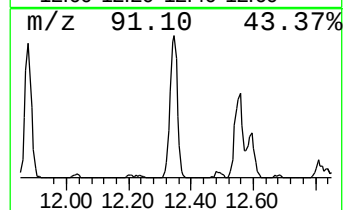
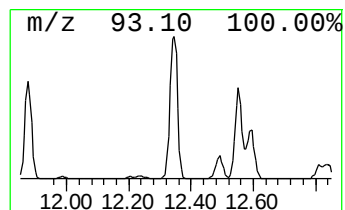
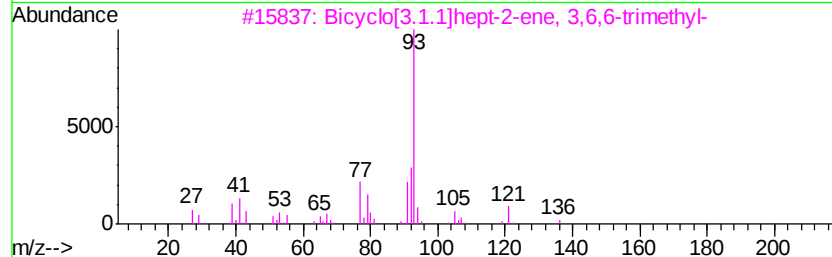
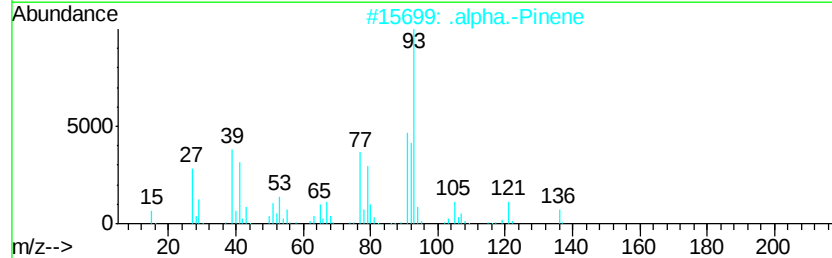
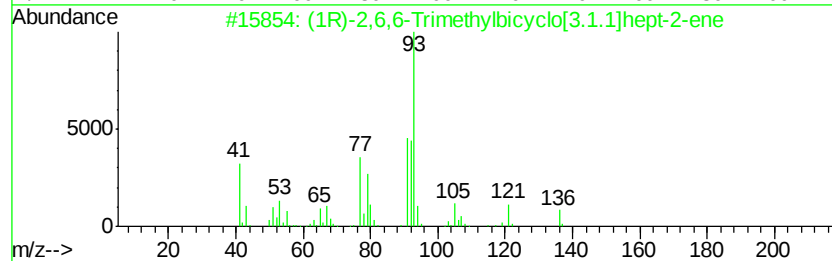
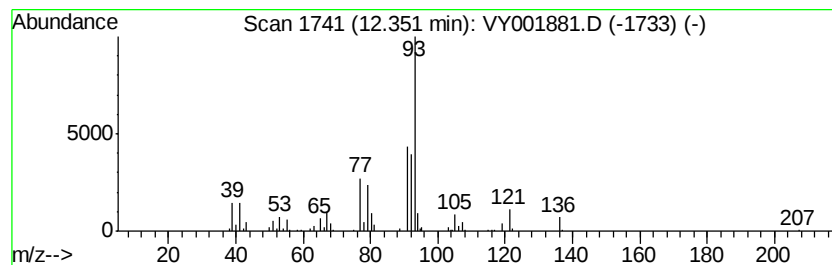
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Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	8.81 ug/l	108110	Chlorobenzene-d5	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	97
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
4		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91
5		.gamma.-Terpinene	136	C10H16	000099-85-4	81



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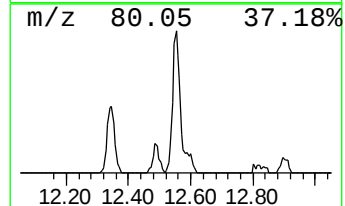
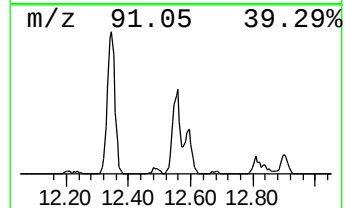
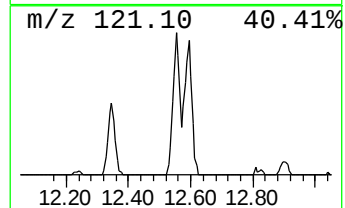
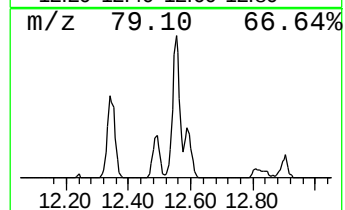
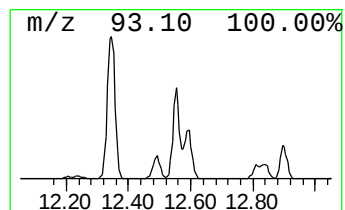
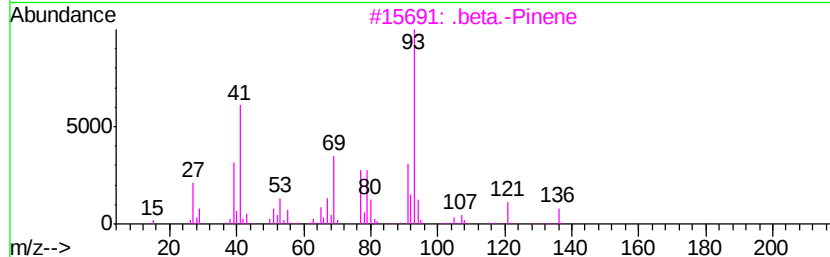
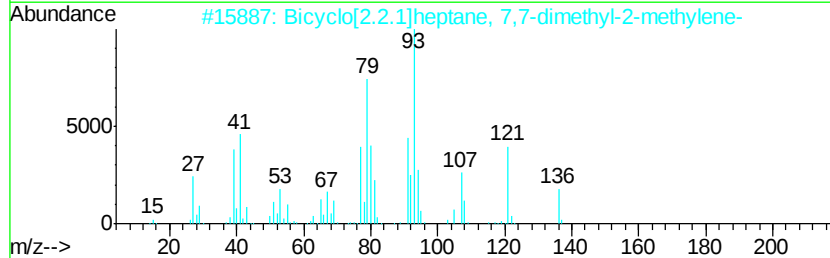
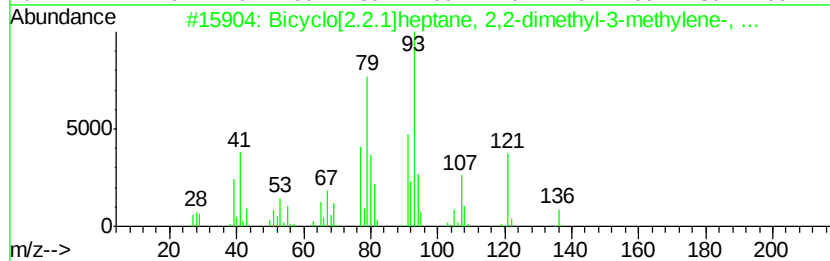
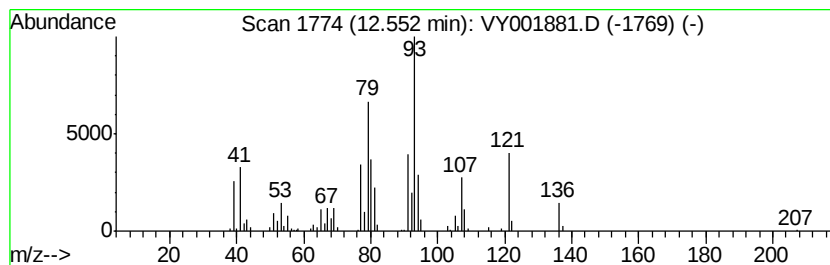
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Peak Number 3 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	10.72 ug/l	107006	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.1]heptane, 2,2-dimet...	136 C10H16	005794-03-6 98
2		Bicyclo[2.2.1]heptane, 7,7-dimet...	136 C10H16	000471-84-1 96
3		.beta.-Pinene	136 C10H16	000127-91-3 64
4		Camphene	136 C10H16	000079-92-5 64
5		3-Carene	136 C10H16	013466-78-9 58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Santolina triene	11.88	10.2	ug/l	125466	3	11.50	613417	50.0
(1R)-2,6,6-Trimet...	12.35	8.8	ug/l	108110	3	11.50	613417	50.0
Bicyclo[2.2.1]hep...	12.55	10.7	ug/l	107006	4	13.43	499266	50.0