

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\
 Data File : VF061482.D
 Acq On : 23 Jan 2019 14:51
 Operator : VA/AP
 Sample : K1216-01
 Misc : 5.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MULCH-1

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_F\METHODS\82F011519S.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	1.062	40	44	47	rBV2	6437	13840	2.56%	0.428%
2	1.101	47	48	51	rVV2	3183	5636	1.04%	0.174%
3	1.417	76	80	84	rBV5	2356	9652	1.79%	0.299%
4	2.166	152	156	159	rBV3	8103	20193	3.74%	0.625%
5	2.226	159	162	167	rVB3	9616	25167	4.66%	0.779%
6	3.064	245	247	251	rVB2	10200	13674	2.53%	0.423%
7	4.100	345	352	361	rVV	94221	293429	54.36%	9.080%
8	4.849	420	428	439	rBV2	150654	539812	100.00%	16.703%
9	5.579	494	502	518	rBV	150881	419445	77.70%	12.979%
10	7.542	695	701	713	rBV	200688	505743	93.69%	15.649%
11	9.486	894	898	902	rVV3	3579	8204	1.52%	0.254%
12	9.762	919	926	934	rBV	157856	357962	66.31%	11.076%
13	9.870	934	937	944	rVV5	2624	10497	1.94%	0.325%
14	10.117	957	962	967	rBV2	3602	8917	1.65%	0.276%
15	10.778	1025	1029	1032	rVV2	2019	5710	1.06%	0.177%
16	11.202	1068	1072	1075	rVB4	3468	6435	1.19%	0.199%
17	11.399	1086	1092	1099	rBV	145761	250492	46.40%	7.751%
18	11.547	1104	1107	1118	rVB4	7899	22376	4.15%	0.692%
19	11.804	1128	1133	1135	rBV3	2791	6819	1.26%	0.211%
20	12.189	1170	1172	1176	rVB2	4698	7110	1.32%	0.220%
21	12.317	1179	1185	1191	rVB2	27728	53457	9.90%	1.654%
22	12.455	1194	1199	1204	rBV	16421	29643	5.49%	0.917%
23	12.544	1204	1208	1211	rBV	193186	316017	58.54%	9.779%
24	12.583	1211	1212	1214	rVV	41825	34224	6.34%	1.059%
25	12.642	1214	1218	1220	rVV3	32031	44675	8.28%	1.382%
26	12.889	1240	1243	1246	rVV3	4649	7526	1.39%	0.233%
27	13.274	1278	1282	1286	rVV	6494	13742	2.55%	0.425%
28	13.698	1322	1325	1327	rBV4	3421	6819	1.26%	0.211%
29	13.777	1329	1333	1337	rVV	27419	47148	8.73%	1.459%
30	13.865	1339	1342	1347	rVV5	5740	12158	2.25%	0.376%
31	14.073	1359	1363	1367	rVB3	3725	8210	1.52%	0.254%
32	14.201	1373	1376	1377	rVB3	3858	6564	1.22%	0.203%
33	14.418	1395	1398	1400	rBV2	15353	29553	5.47%	0.914%
34	14.447	1400	1401	1405	rVB3	16794	19360	3.59%	0.599%

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Integration Parameters: RTEINT.P

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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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35	14.595	1413	1416	1420	rVB5	6694	11825	2.19%	0.366%
36	15.394	1491	1497	1499	rBV4	2930	8219	1.52%	0.254%
37	15.730	1527	1531	1536	rBV3	26954	51484	9.54%	1.593%

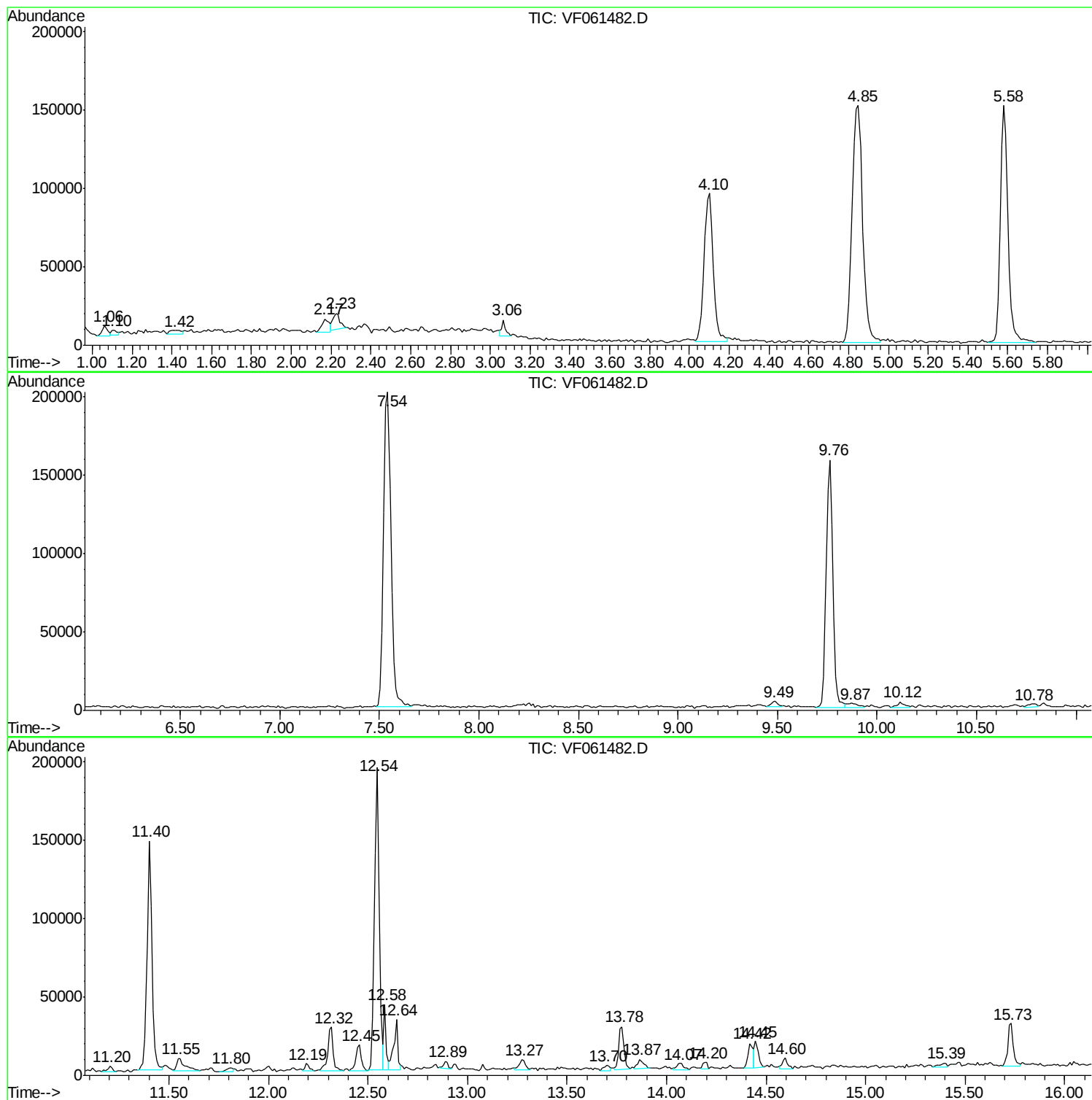
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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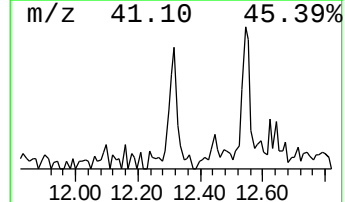
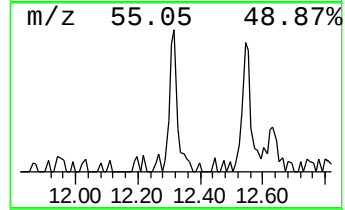
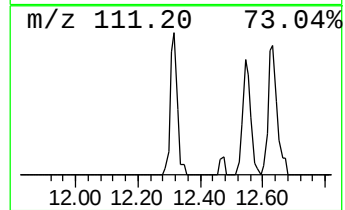
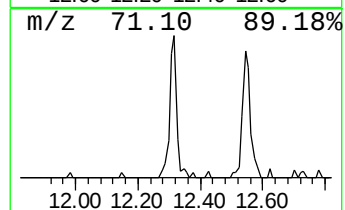
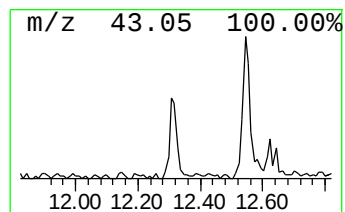
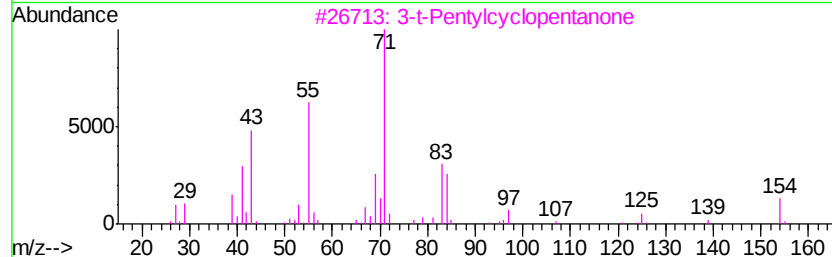
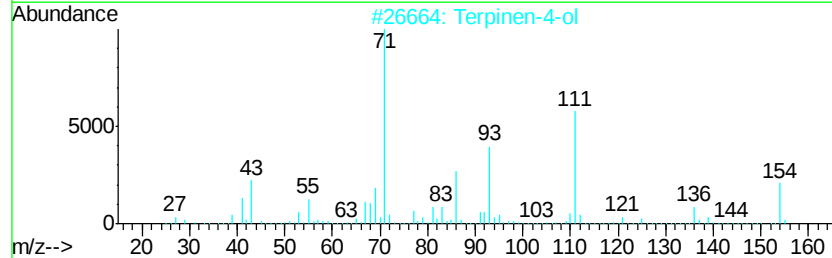
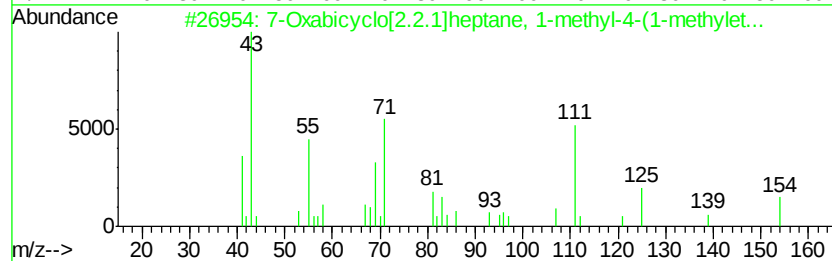
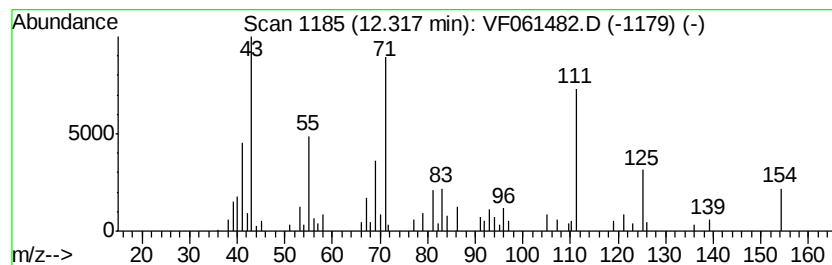
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.32	8.46 ug/l	53457	1,4-Dichlorobenzene-d4	12.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	86
2	Terpinen-4-ol	154	C10H18O	000562-74-3	58
3	3-t-Pentylcyclopentanone	154	C10H18O	1000114-66-3	43
4	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	30
5	trans-3-Penten-2-ol	86	C5H10O	003899-34-1	27



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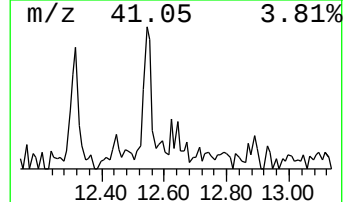
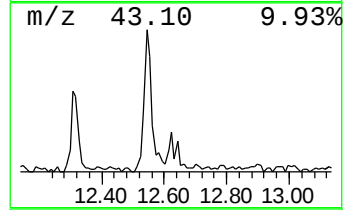
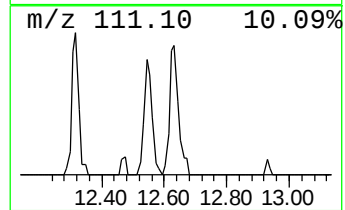
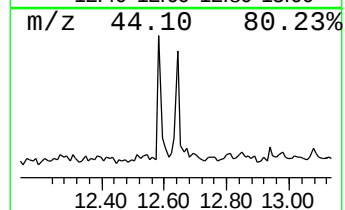
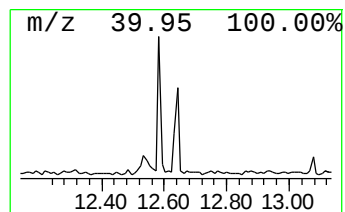
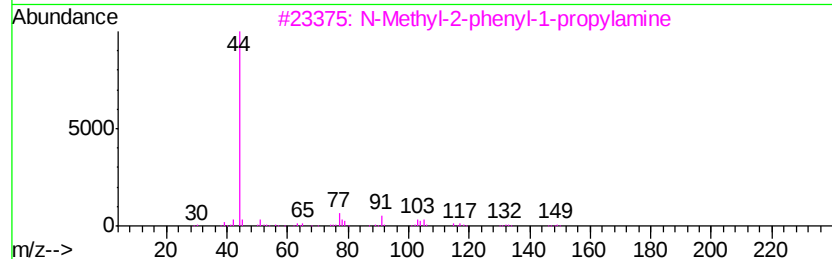
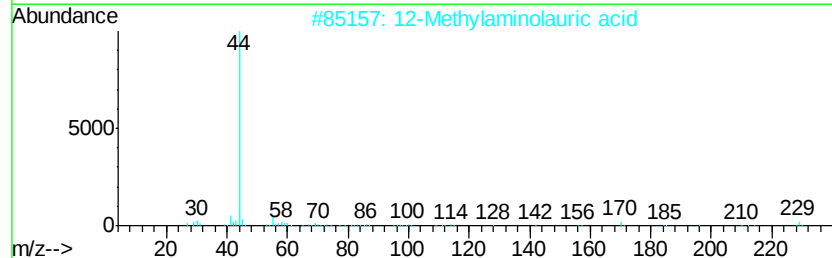
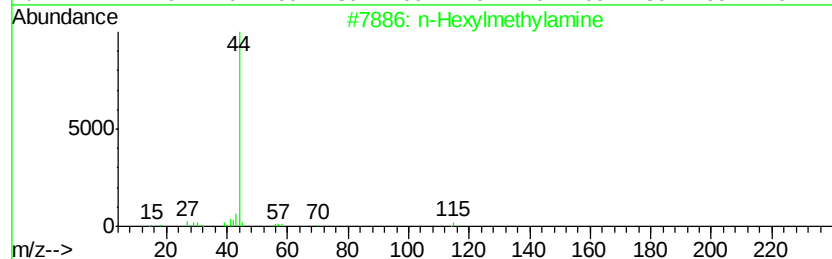
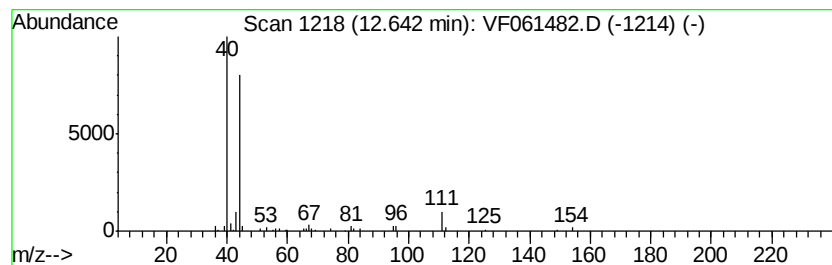
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown12.64 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	7.07 ug/l	44675	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexylmethylaniline	115	C7H17N	035161-70-7	36
2		12-Methylaminolauric acid	229	C13H27NO2	007408-81-3	36
3		N-Methyl-2-phenyl-1-propylamine	149	C10H15N	1000379-96-9	9
4		1-Propanol, 2-amino-, (.+/-.)-	75	C3H9NO	006168-72-5	9
5		Phenethylamine, p,.alpha.-dimethyl-	149	C10H15N	000064-11-9	9



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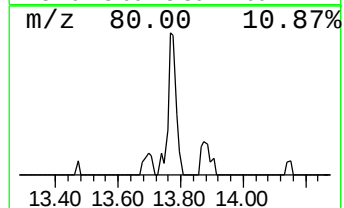
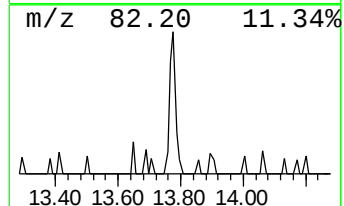
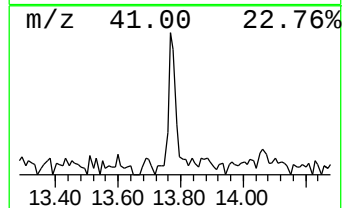
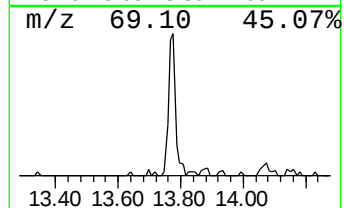
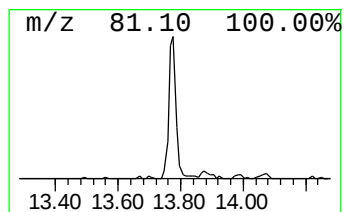
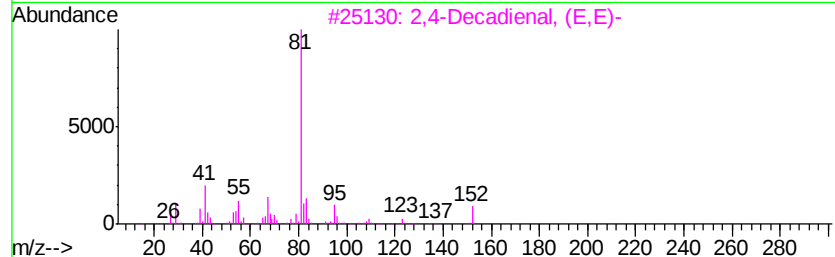
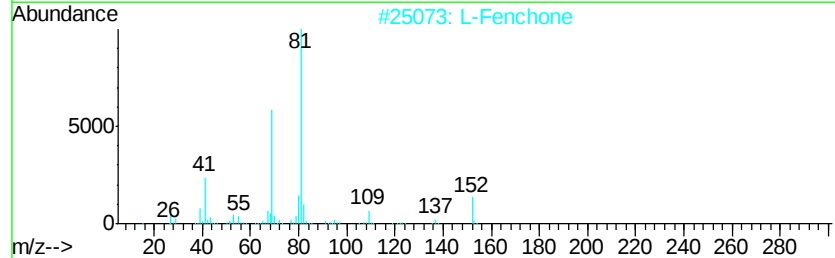
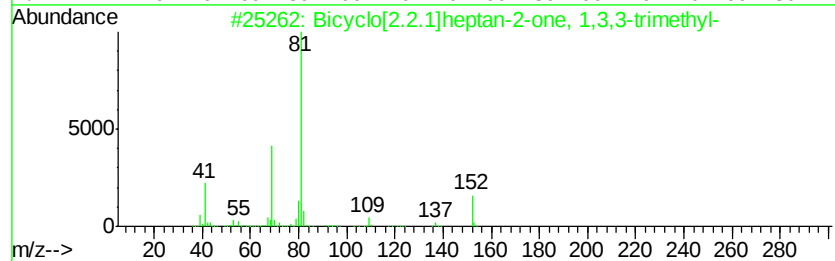
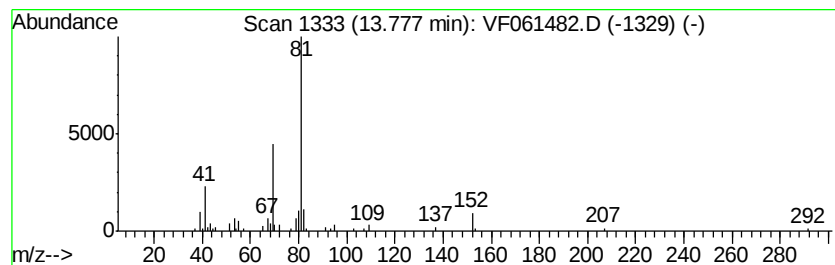
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	7.46 ug/l	47148	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	91
2		L-Fenchone	152	C10H16O	007787-20-4	80
3		2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	45
4		2-Furanacetaldehyde, .alpha.-pro...	152	C9H12O2	031681-26-2	38
5		Furan, 2-hexyl-	152	C10H16O	003777-70-6	38



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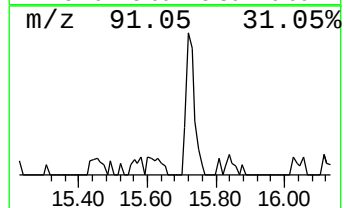
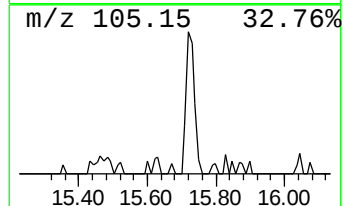
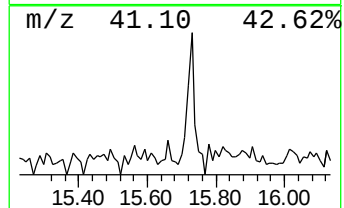
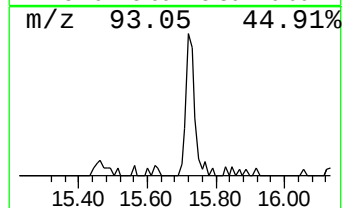
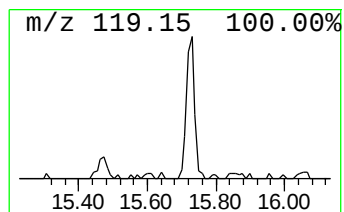
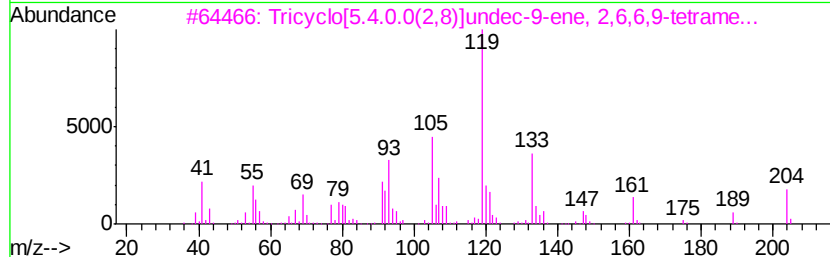
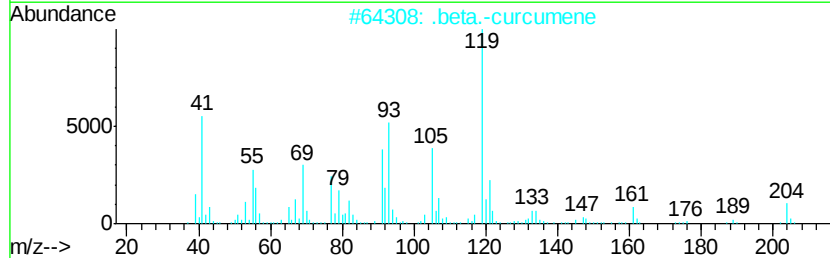
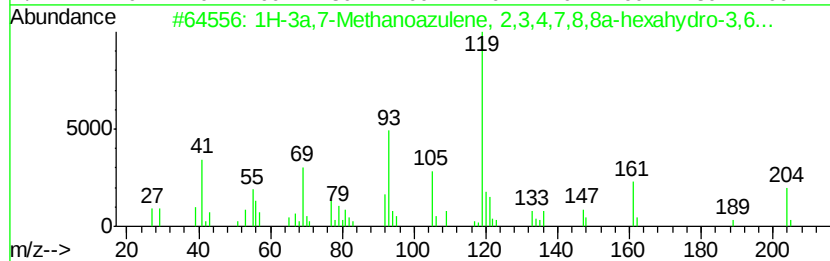
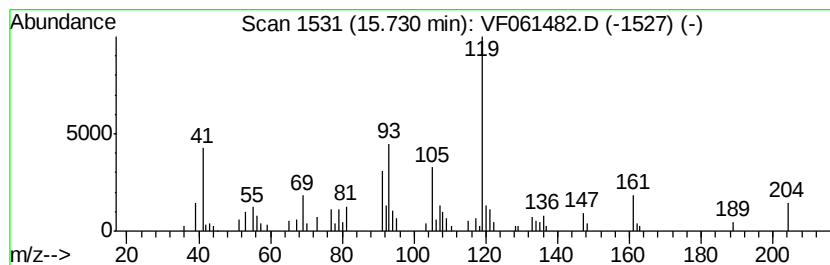
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Peak Number 4 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	8.15 ug/l	51484	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-3a,7-Methanoazulene, 2,3,4,7,...	204 C15H24	000469-61-4	98
2	.beta.-curcumene	204 C15H24	1000374-17-4	91
3	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204 C15H24	005989-08-2	70
4	Bicyclo[3.1.1]heptane, 6-methyl-...	204 C15H24	055123-21-2	64
5	Di-epi-.alpha.-cedrene	204 C15H24	050894-66-1	55



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7-Oxabicyclo[2.2.1]hept-2-en-5-ol	12.32	8.5	ug/l	53457	4	12.54	316017	50.0
unknown	12.64	7.1	ug/l	44675	4	12.54	316017	50.0
Bicyclo[2.2.1]hept-2-en-5-ol	13.78	7.5	ug/l	47148	4	12.54	316017	50.0
1H-3a,7-Methanoazepine	15.73	8.2	ug/l	51484	4	12.54	316017	50.0