

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF012319\
 Data File : VF061490.D
 Acq On : 23 Jan 2019 18:41
 Operator : VA/AP
 Sample : K1223-08
 Misc : 5.38g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-T

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	1.067	40	44	48	rBV2	7464	18172	2.54%	0.406%
2	2.172	151	156	159	rBV5	8151	19097	2.67%	0.427%
3	2.231	159	162	168	rVV	24417	64702	9.04%	1.446%
4	3.059	245	246	253	rVB2	5411	9942	1.39%	0.222%
5	4.016	337	343	346	rBV2	2804	10130	1.42%	0.226%
6	4.115	346	353	362	rVV	110116	349843	48.90%	7.817%
7	4.332	365	375	388	rVB	45585	157570	22.02%	3.521%
8	4.855	420	428	442	rBV2	199275	715452	100.00%	15.987%
9	5.594	496	503	513	rBV	245190	644674	90.11%	14.406%
10	6.265	563	571	579	rBV4	4475	14015	1.96%	0.313%
11	6.433	581	588	594	rBV2	7382	30023	4.20%	0.671%
12	6.887	630	634	641	rVB2	7788	19789	2.77%	0.442%
13	7.133	654	659	666	rBV3	4860	13648	1.91%	0.305%
14	7.548	692	701	713	rBV	250222	614675	85.91%	13.735%
15	9.501	896	899	904	rVB3	3291	8283	1.16%	0.185%
16	9.767	921	926	935	rBV	255104	571983	79.95%	12.781%
17	10.842	1031	1035	1039	rVB	18214	32762	4.58%	0.732%
18	11.207	1070	1072	1078	rBV4	3404	7336	1.03%	0.164%
19	11.405	1088	1092	1101	rBV	168204	308895	43.17%	6.902%
20	11.572	1104	1109	1114	rVB3	39424	72702	10.16%	1.625%
21	11.651	1114	1117	1121	rBV5	6682	12695	1.77%	0.284%
22	12.006	1147	1153	1157	rBV6	4537	12084	1.69%	0.270%
23	12.194	1169	1172	1177	rVB5	4998	11056	1.55%	0.247%
24	12.282	1177	1181	1183	rBV	21702	34253	4.79%	0.765%
25	12.312	1183	1184	1189	rVB3	4706	7388	1.03%	0.165%
26	12.460	1194	1199	1203	rVV2	25211	40588	5.67%	0.907%
27	12.549	1204	1208	1222	rVB	222366	364454	50.94%	8.144%
28	12.894	1240	1243	1249	rBV5	3086	7185	1.00%	0.161%
29	13.782	1328	1333	1338	rVV	47903	82016	11.46%	1.833%
30	13.871	1338	1342	1345	rVB4	4171	7333	1.02%	0.164%
31	14.423	1395	1398	1401	rBV	52108	93685	13.09%	2.093%
32	14.601	1413	1416	1420	rBV4	4139	9693	1.35%	0.217%
33	14.808	1434	1437	1440	rVV3	5898	10858	1.52%	0.243%
34	15.192	1474	1476	1480	rBV	16081	15307	2.14%	0.342%

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35	15.252	1480	1482	1484	rBV	28313	21583	3.02%	0.482%
36	15.735	1527	1531	1534	rBV2	22058	39802	5.56%	0.889%
37	15.843	1539	1542	1544	rVV3	3661	8295	1.16%	0.185%
38	15.883	1544	1546	1551	rVB4	6384	13220	1.85%	0.295%

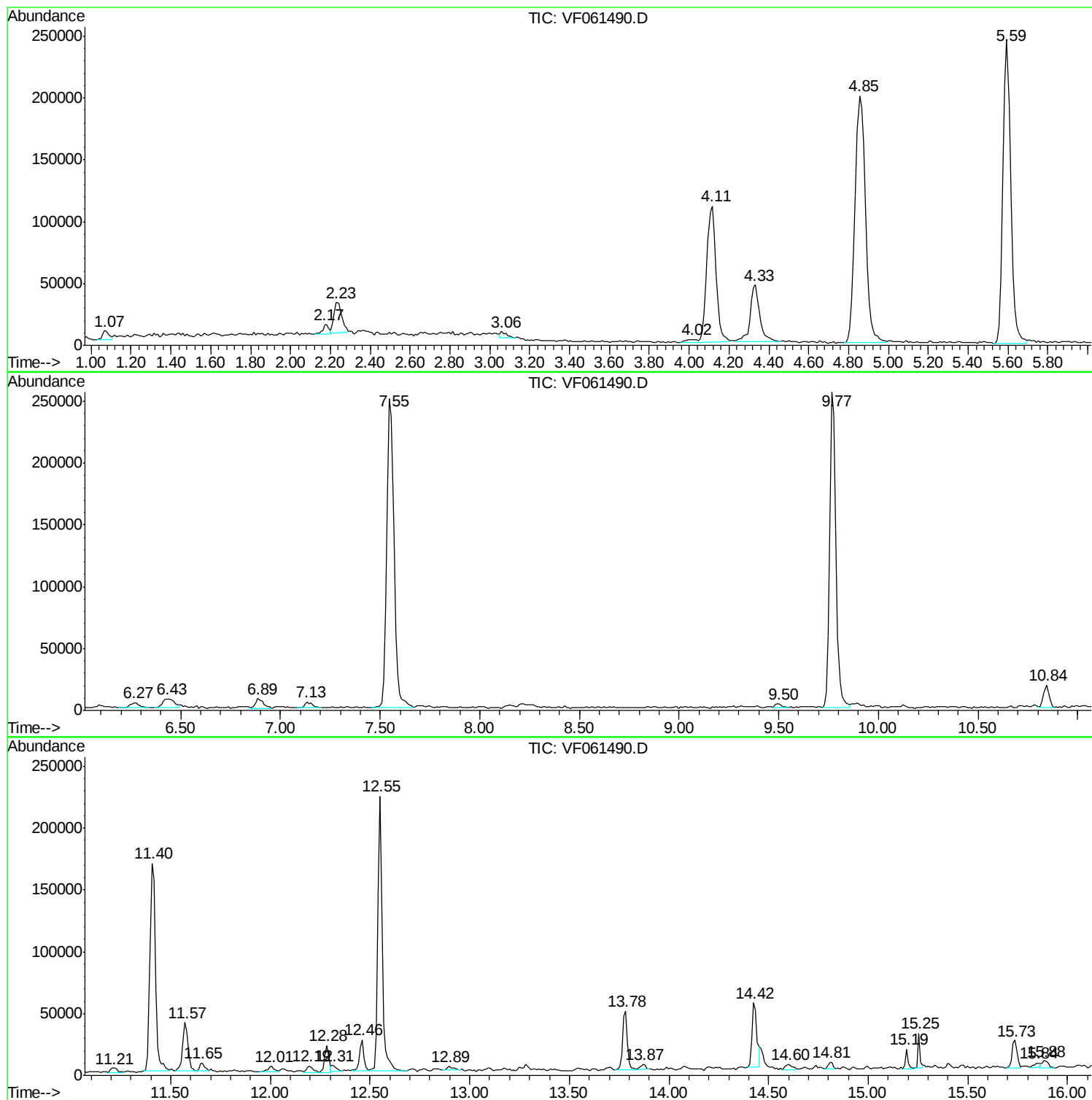
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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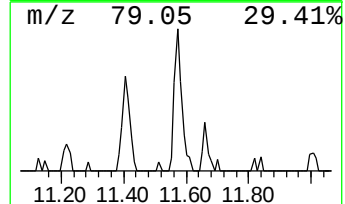
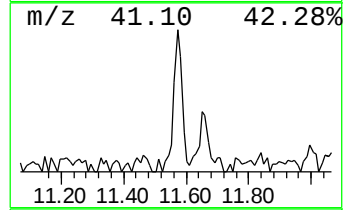
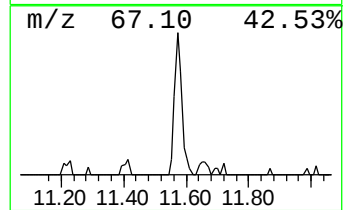
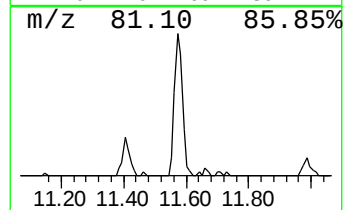
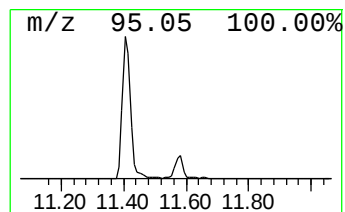
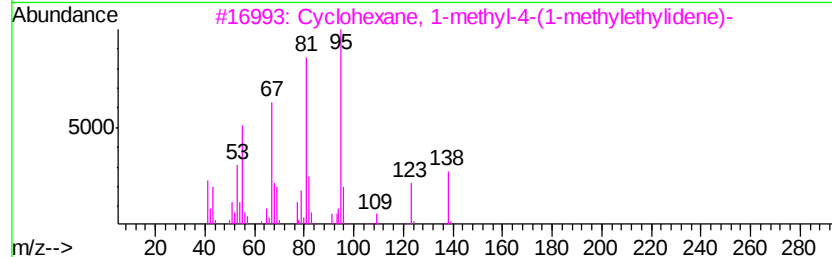
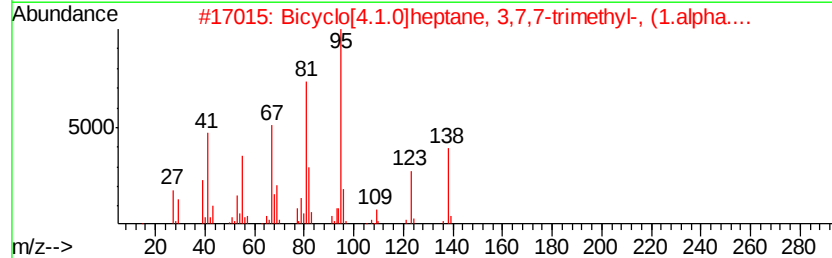
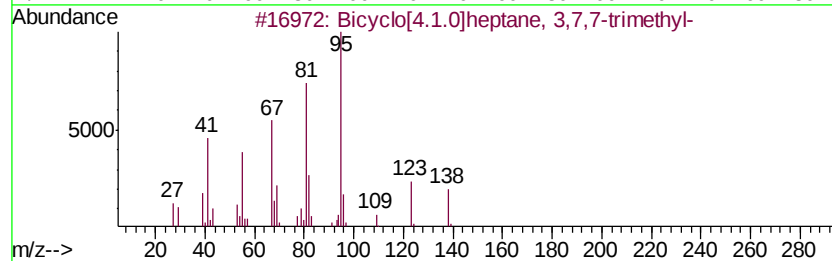
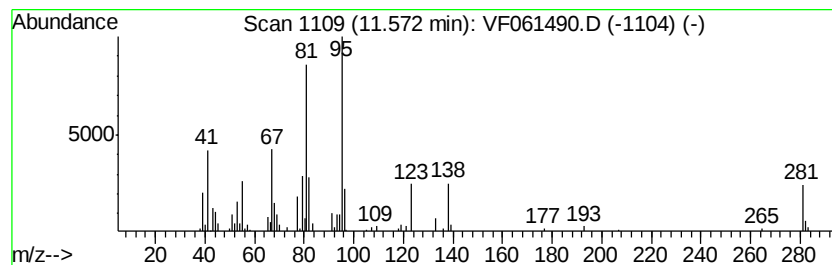
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Bicyclo[4.1.0]heptane, 3,7,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.57	9.97 ug/l	72702	1,4-Dichlorobenzene-d4	12.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	90
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	90
3	Cyclohexane, 1-methyl-4-(1-methyl...	138	C10H18	001124-27-2	90
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	90
5	Cyclohexene, 4-methyl-1-(1-methyl...	138	C10H18	000500-00-5	87



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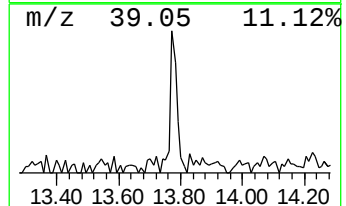
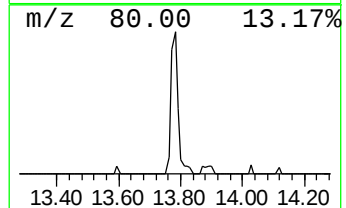
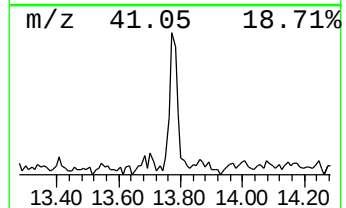
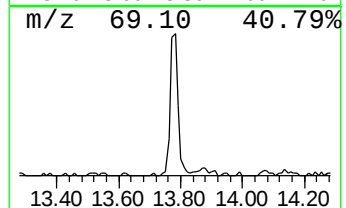
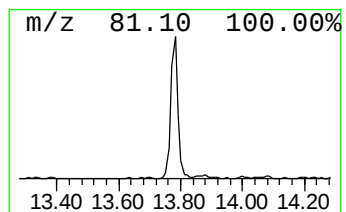
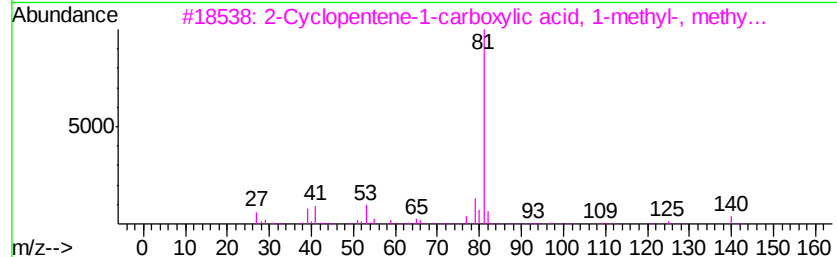
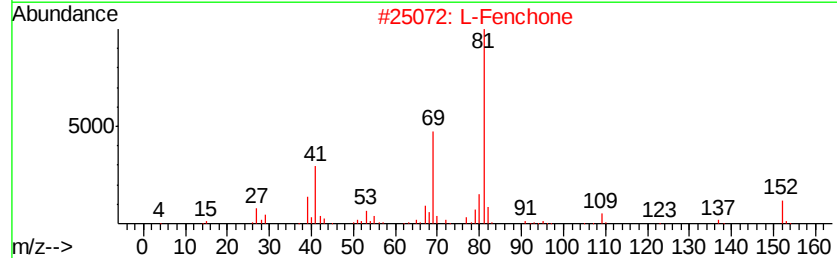
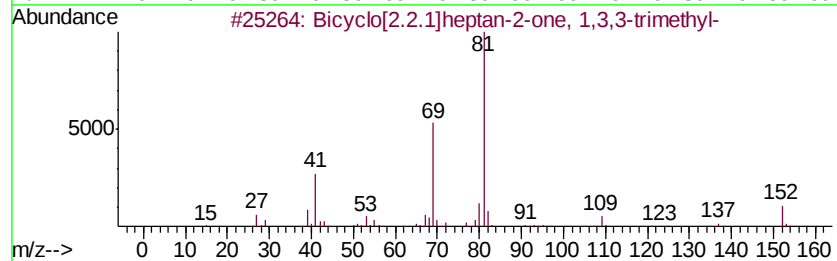
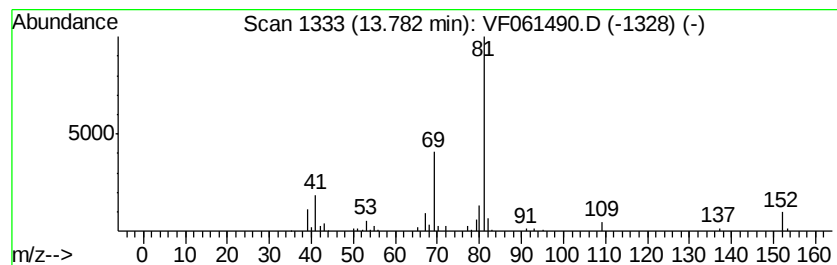
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Peak Number 2 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	11.25 ug/l	82016	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	94
2		L-Fenchone	152	C10H16O	007787-20-4	91
3		2-Cyclopentene-1-carboxylic acid...	140	C8H12O2	068317-73-7	50
4		Ethanone, 1-(2-methyl-2-cyclopenten...	124	C8H12O	001767-84-6	42
5		D-Fenchone	152	C10H16O	004695-62-9	38



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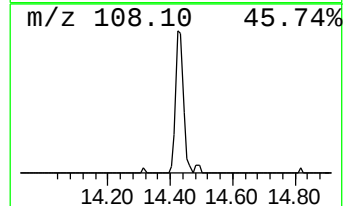
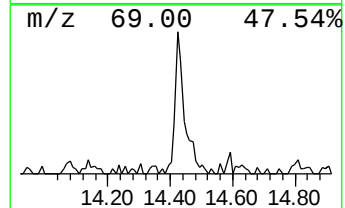
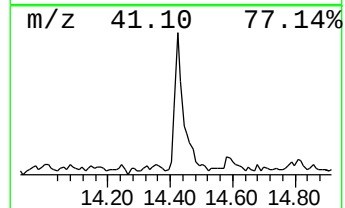
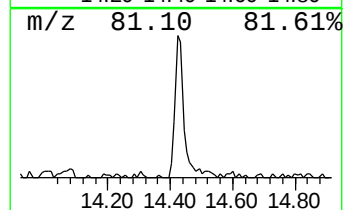
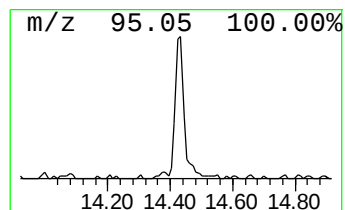
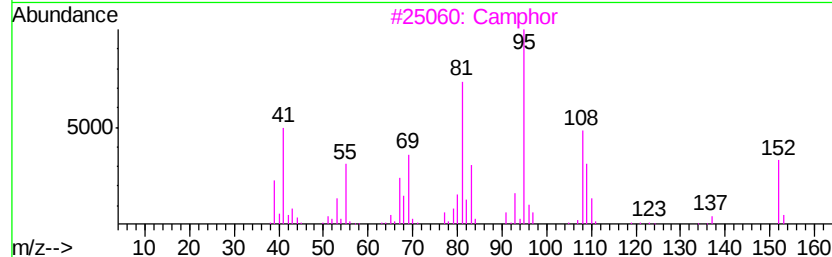
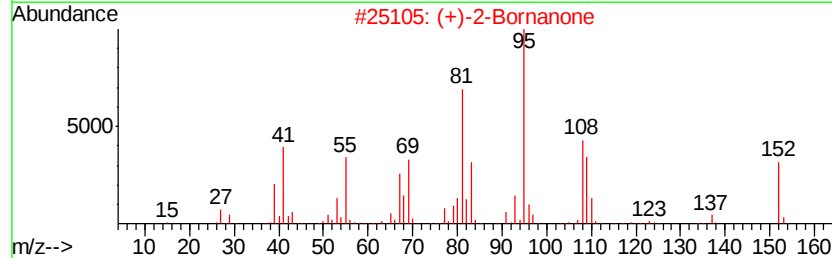
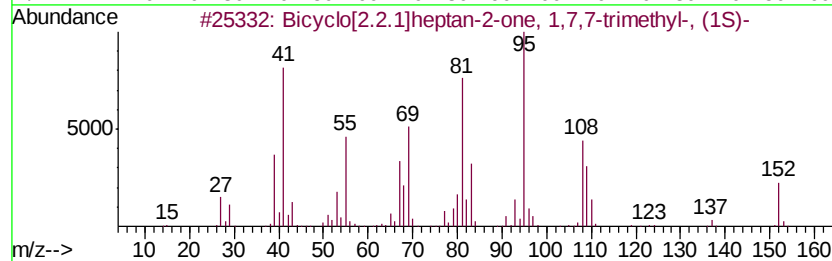
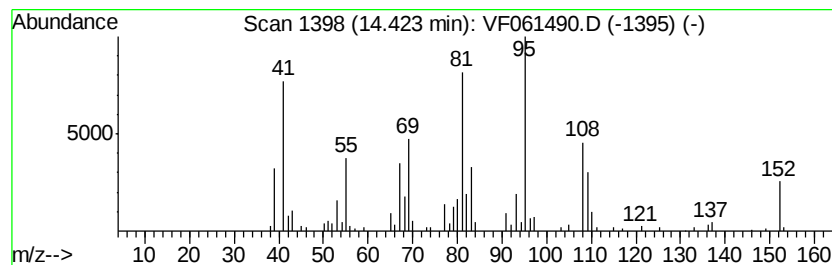
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Peak Number 3 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	12.85 ug/l	93685	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
2		(+)-2-Bornanone	152	C10H16O	000464-49-3	94
3		Camphor	152	C10H16O	000076-22-2	94
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	38
5		2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	25



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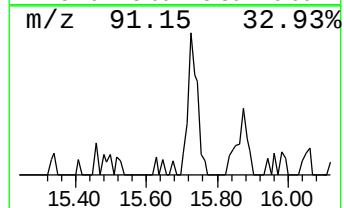
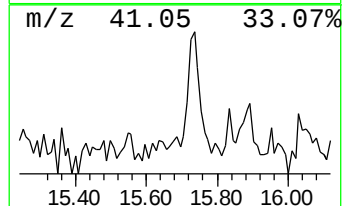
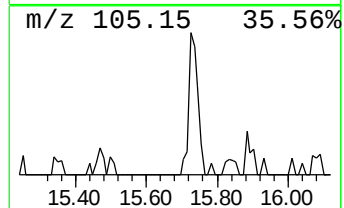
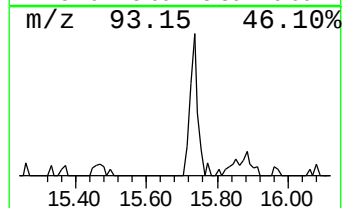
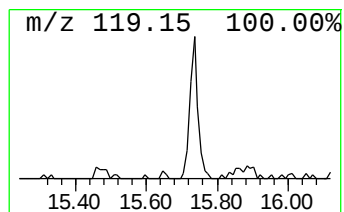
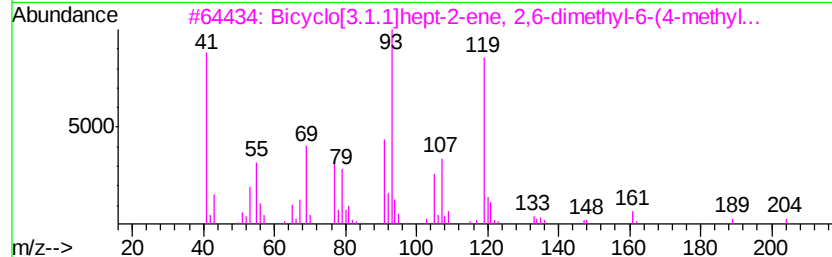
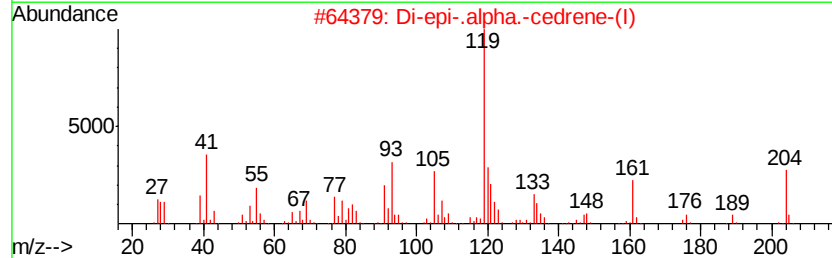
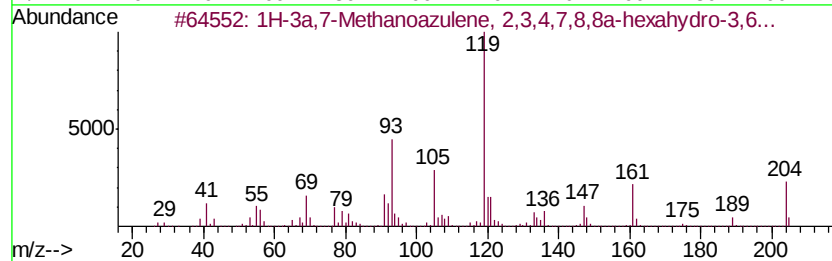
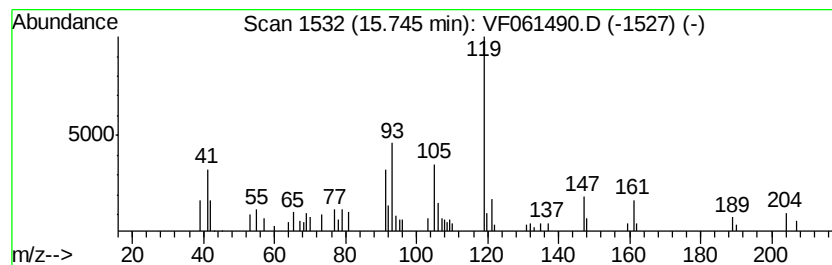
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Peak Number 4 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	5.46 ug/l	39802	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	93
2		Di-epi-.alpha.-cedrene-(I)	204	C15H24	021996-77-0	68
3		Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	49
4		1,3-Cyclohexadiene, 5-(1,5-dimet...	204	C15H24	000495-60-3	47
5		Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	46



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Bicyclo[4.1.0]hep...	11.57	10.0	ug/l	72702	4	12.55	364454	50.0
Bicyclo[2.2.1]hep...	13.78	11.3	ug/l	82016	4	12.55	364454	50.0
Bicyclo[2.2.1]hep...	14.42	12.9	ug/l	93685	4	12.55	364454	50.0
1H-3a,7-Methanoaz...	15.74	5.5	ug/l	39802	4	12.55	364454	50.0