

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061319.D
 Acq On : 26 Mar 2019 1:31
 Operator : VA/AP
 Sample : K2045-01
 Misc : 6.85g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB439-190318-(13-14)

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_D\METHOD\82D032519S.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	2.209	77	80	86	rBV	16405	34958	1.37%	0.177%
2	3.223	175	183	195	rBV	87335	258411	10.16%	1.310%
3	3.824	238	244	254	rBV	55795	166200	6.53%	0.843%
4	3.991	256	261	270	rVB	23929	75696	2.97%	0.384%
5	4.700	328	333	339	rVB4	7756	26791	1.05%	0.136%
6	6.058	463	471	474	rBV3	27596	92135	3.62%	0.467%
7	6.147	474	480	498	rVB	145161	517569	20.34%	2.624%
8	6.925	552	559	566	rBV	360005	1029131	40.44%	5.218%
9	7.043	566	571	588	rVB	567064	1691389	66.47%	8.577%
10	7.456	607	613	626	rBV2	226394	738239	29.01%	3.743%
11	7.693	632	637	642	rBV	21470	59093	2.32%	0.300%
12	8.214	684	690	703	rBV	713784	1862510	73.19%	9.444%
13	9.730	838	844	852	rVB	53073	139429	5.48%	0.707%
14	9.849	852	856	863	rVB2	15661	36034	1.42%	0.183%
15	10.410	907	913	920	rBV	770876	1882952	74.00%	9.548%
16	10.508	920	923	927	rVB	22695	46975	1.85%	0.238%
17	11.227	991	996	1002	rBV2	10739	34728	1.36%	0.176%
18	11.876	1059	1062	1066	rVB2	19847	36680	1.44%	0.186%
19	12.359	1107	1111	1122	rVB2	1175162	2544614	100.00%	12.903%
20	13.038	1177	1180	1185	rVB3	14923	30389	1.19%	0.154%
21	13.324	1206	1209	1216	rBV5	10550	33334	1.31%	0.169%
22	13.461	1219	1223	1227	rBV3	14623	30330	1.19%	0.154%
23	13.550	1229	1232	1237	rBV	852521	1264676	49.70%	6.413%
24	13.708	1246	1248	1256	rVB2	59259	93298	3.67%	0.473%
25	13.835	1257	1261	1263	rVB3	18288	31962	1.26%	0.162%
26	13.885	1263	1266	1268	rBV2	25100	38671	1.52%	0.196%
27	13.954	1269	1273	1277	rVB6	26050	55692	2.19%	0.282%
28	14.023	1277	1280	1285	rVB2	32715	58998	2.32%	0.299%
29	14.111	1285	1289	1292	rBV4	21707	53520	2.10%	0.271%
30	14.190	1292	1297	1300	rBV5	24371	74692	2.94%	0.379%
31	14.249	1300	1303	1306	rVB3	28741	59378	2.33%	0.301%
32	14.318	1306	1310	1312	rBV2	47668	92107	3.62%	0.467%
33	14.357	1312	1314	1317	rVV4	29066	57269	2.25%	0.290%
34	14.456	1321	1324	1327	rBV	140502	232215	9.13%	1.178%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	14.515	1327	1330	1336	rVB2	1407139	2101097	82.57%	10.654%
36	14.643	1339	1343	1346	rVB4	29852	67821	2.67%	0.344%
37	14.692	1346	1348	1350	rBV2	20606	26207	1.03%	0.133%
38	14.731	1350	1352	1356	rBV3	17764	29906	1.18%	0.152%
39	14.800	1356	1359	1365	rBV	639882	1015507	39.91%	5.149%
40	14.928	1369	1372	1375	rBV3	59575	97101	3.82%	0.492%
41	15.017	1378	1381	1383	rBV3	25381	47776	1.88%	0.242%
42	15.135	1387	1393	1396	rBV3	91896	226139	8.89%	1.147%
43	15.233	1401	1403	1405	rVV2	35939	52691	2.07%	0.267%
44	15.283	1405	1408	1413	rVV2	148877	321527	12.64%	1.630%
45	15.391	1416	1419	1421	rVV	80507	139057	5.46%	0.705%
46	15.460	1421	1426	1429	rVV4	108997	362024	14.23%	1.836%
47	15.509	1429	1431	1435	rVV2	52637	95577	3.76%	0.485%
48	15.588	1435	1439	1442	rVV3	64669	145851	5.73%	0.740%
49	15.667	1444	1447	1448	rVV	48153	90716	3.57%	0.460%
50	15.696	1448	1450	1453	rVV2	54704	123804	4.87%	0.628%
51	15.755	1454	1456	1459	rVV3	45361	114140	4.49%	0.579%
52	15.814	1459	1462	1465	rVV2	134351	296333	11.65%	1.503%
53	15.854	1465	1466	1471	rVB2	95209	170908	6.72%	0.867%
54	15.942	1471	1475	1481	rBV5	72326	229949	9.04%	1.166%
55	16.041	1481	1485	1487	rVV4	38066	88238	3.47%	0.447%
56	16.100	1489	1491	1494	rVV2	55647	118971	4.68%	0.603%
57	16.149	1494	1496	1500	rVB	124261	165719	6.51%	0.840%
58	16.267	1505	1508	1510	rVB3	23085	47175	1.85%	0.239%
59	16.513	1531	1533	1539	rVB3	15780	38328	1.51%	0.194%
60	16.651	1544	1547	1549	rVB2	21589	28241	1.11%	0.143%

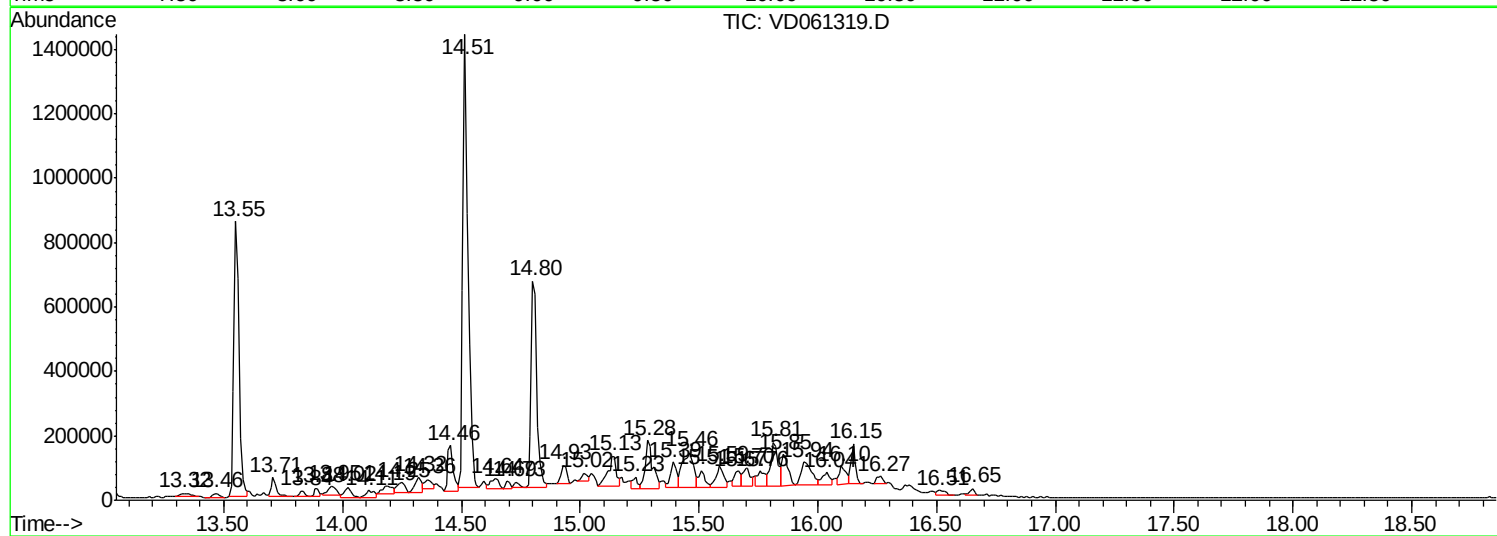
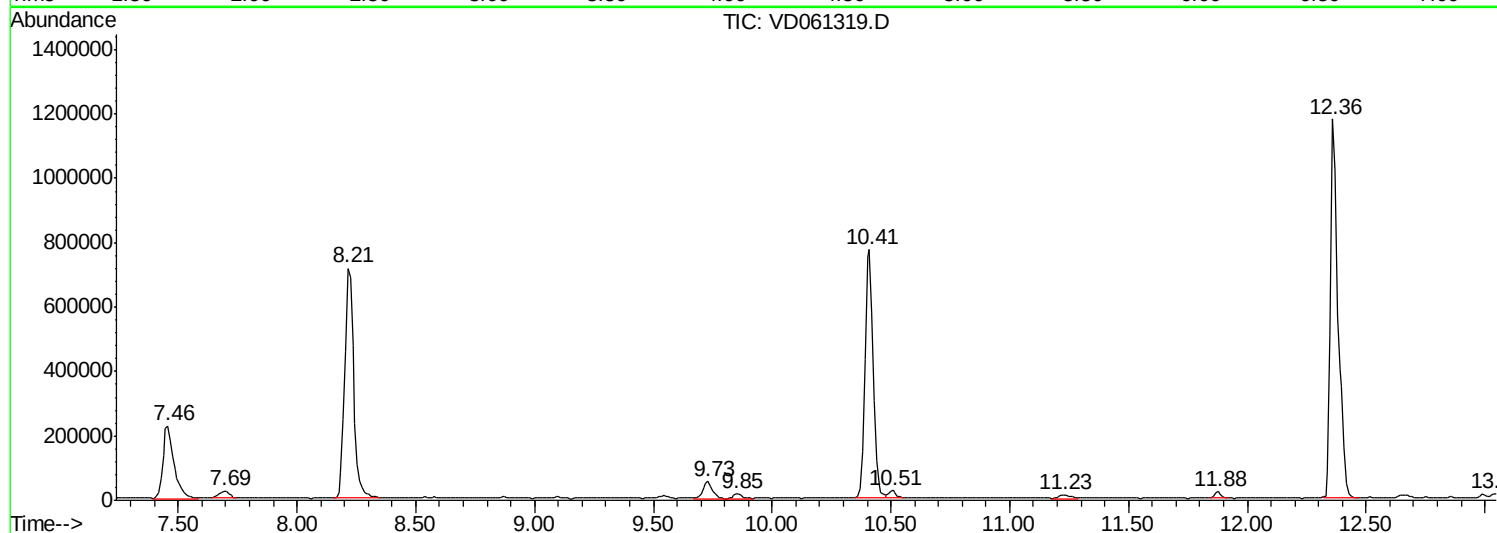
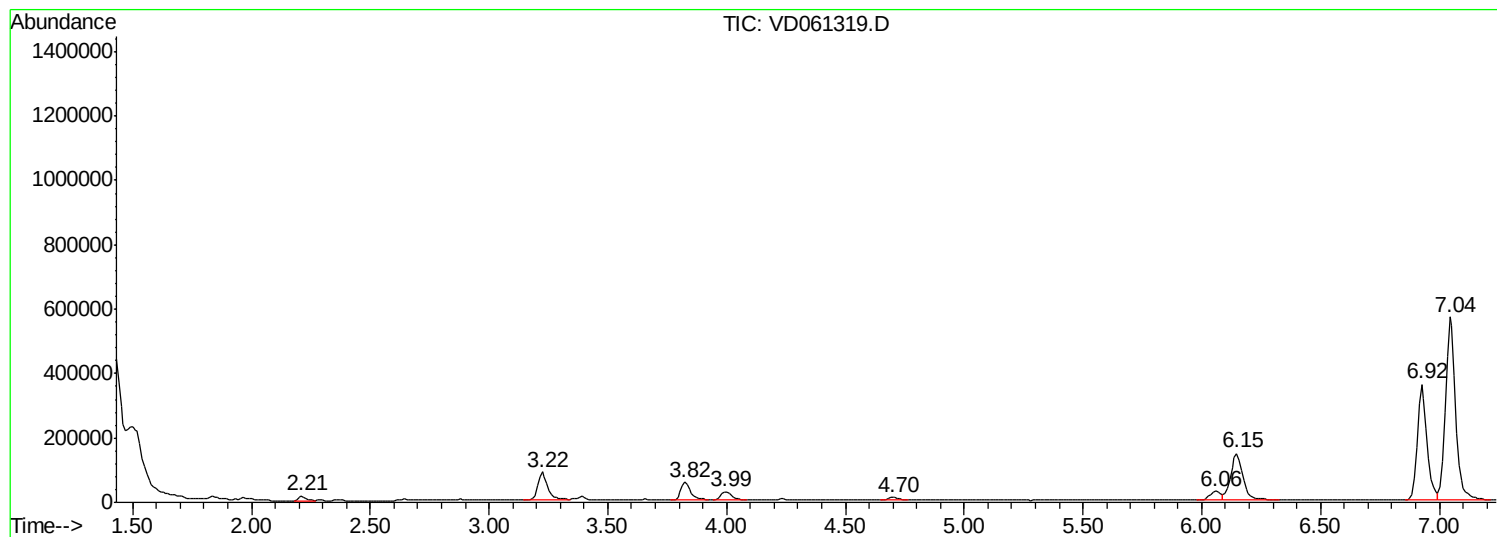
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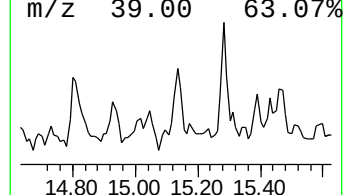
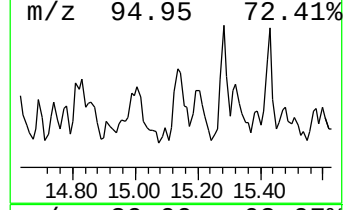
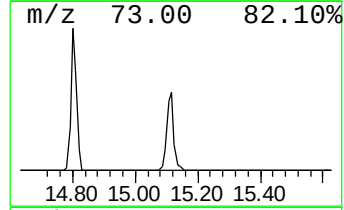
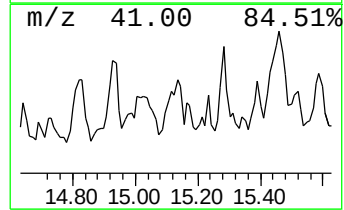
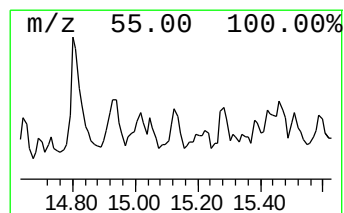
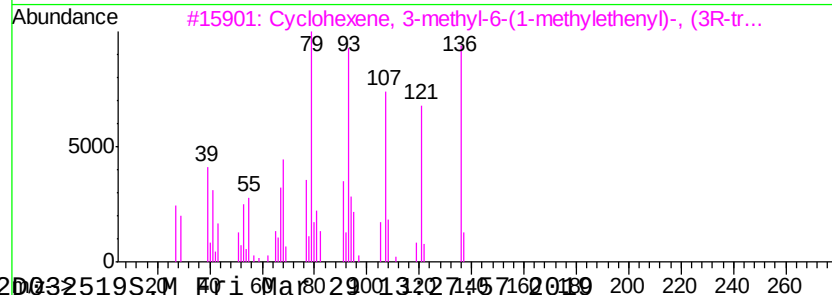
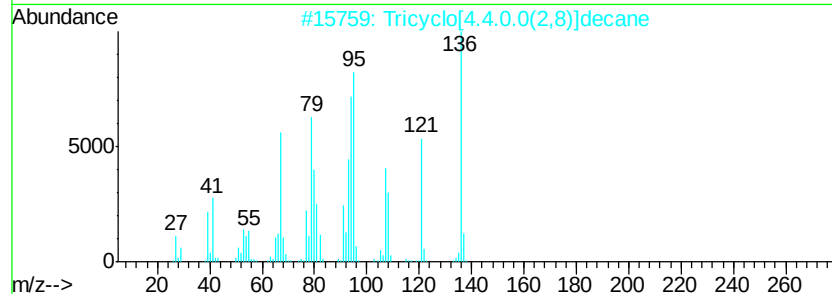
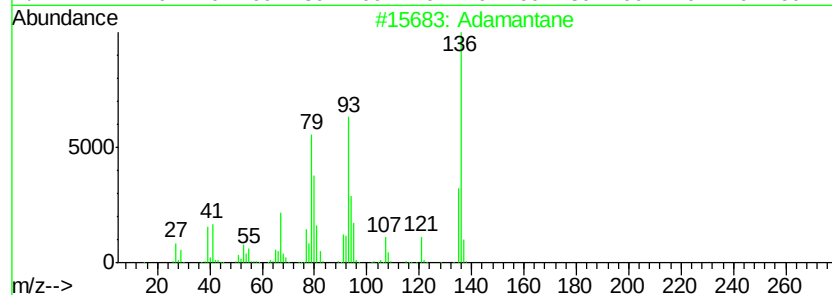
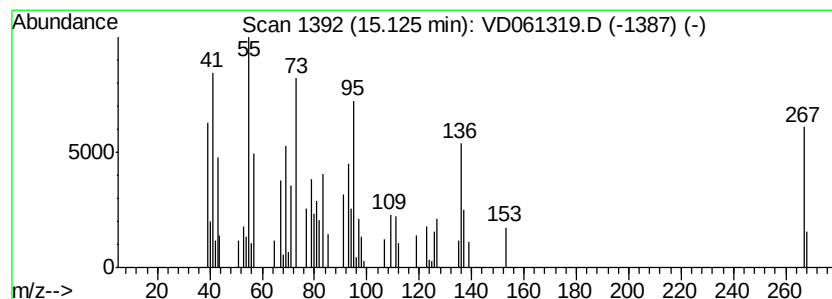
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ClientSampleId :
WP022SB439-190318-(13-14)

Quant Title :

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

Peak Number 2 Adamantane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.13	5.38 ug/l	226139	1,4-Dichlorobenzene-d4	14.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	93
2	Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	53
3	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	005113-87-1	50
4	Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	50
5	Bicyclo[3.2.0]heptane, 6-methylene-	108	C8H12	003642-22-6	47



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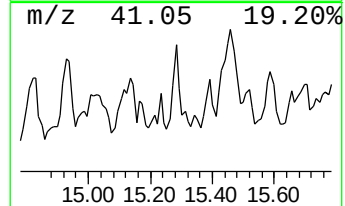
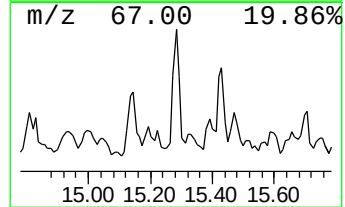
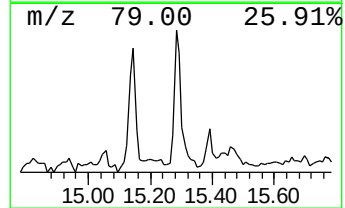
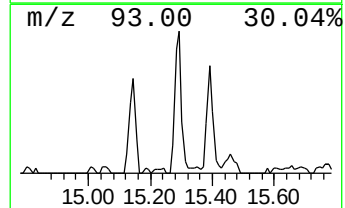
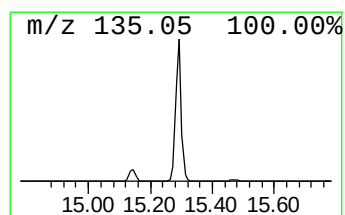
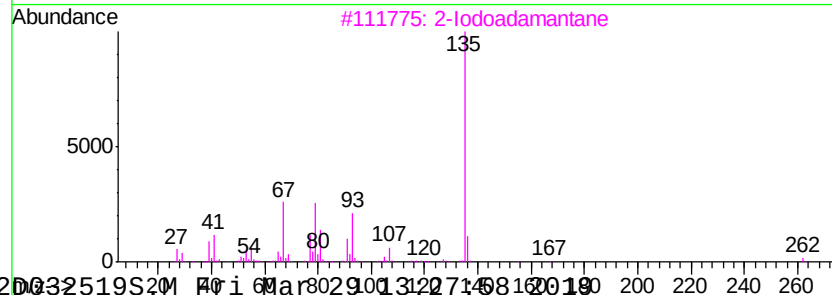
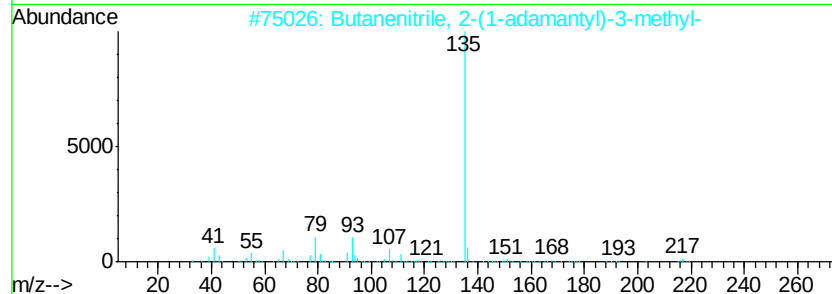
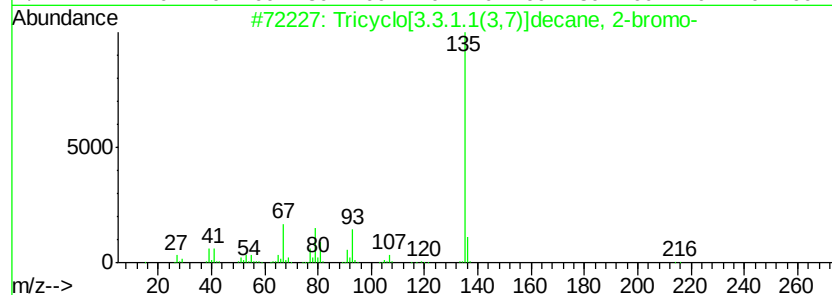
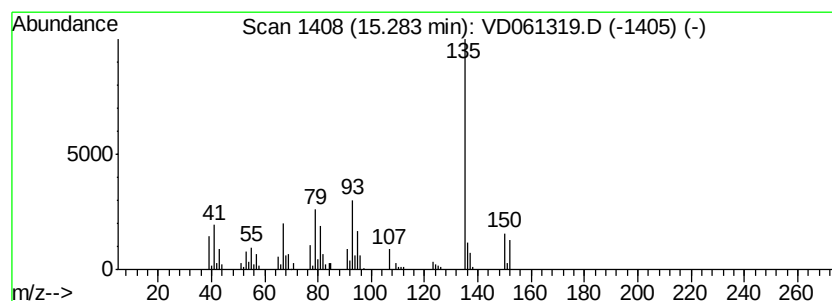
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Quant Title :

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

Peak Number 3 Tricyclo[3.3.1.1(3,7)]decane... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.28	7.65 ug/l	321527	1,4-Dichlorobenzene-d4	14.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[3.3.1.1(3,7)]decane, 2-...	214	C10H15Br	007314-85-4	59
2	Butanenitrile, 2-(1-adamantyl)-3...	217	C15H23N	1000266-44-6	59
3	2-Iodoadamantane	262	C10H15I	018971-91-0	58
4	Tricyclo[3.3.1.1(3,7)]decane, 1-...	181	C10H15NO2	007575-82-8	53
5	1-sec-Butyladamantane	192	C14H24	014449-42-4	53



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ALS Vial : 34 Sample Multiplier: 1

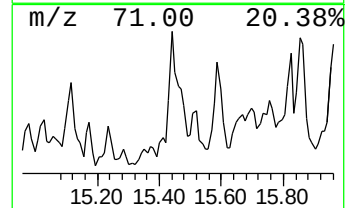
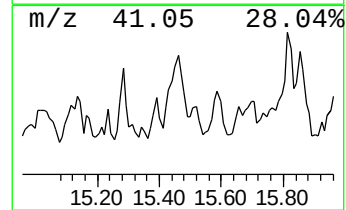
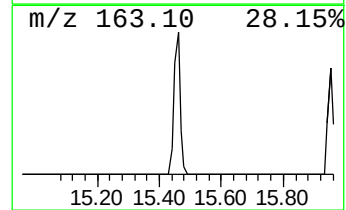
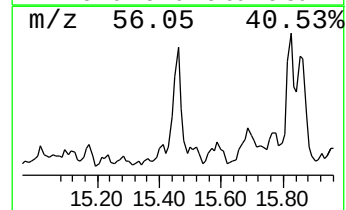
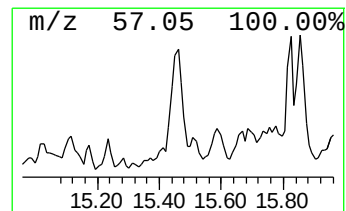
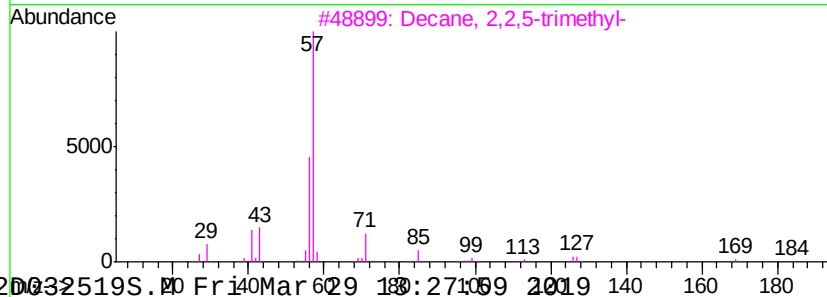
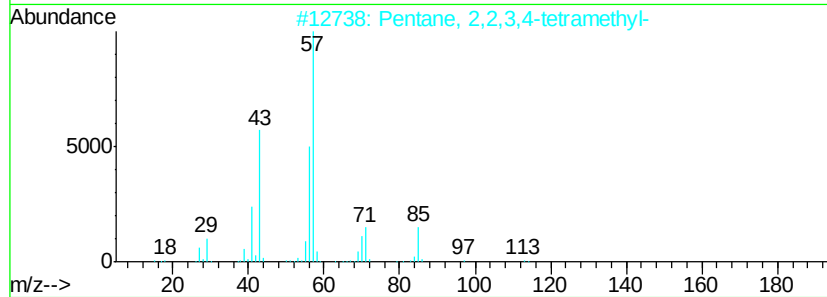
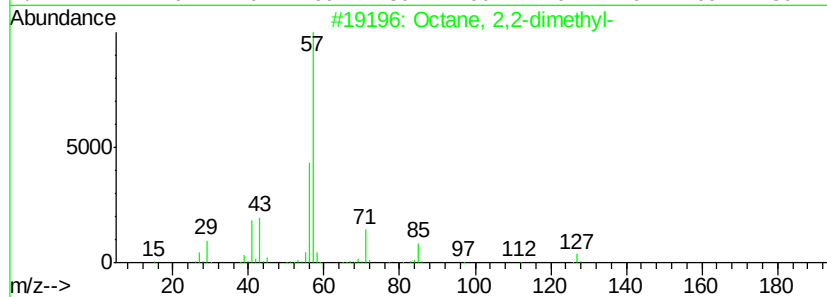
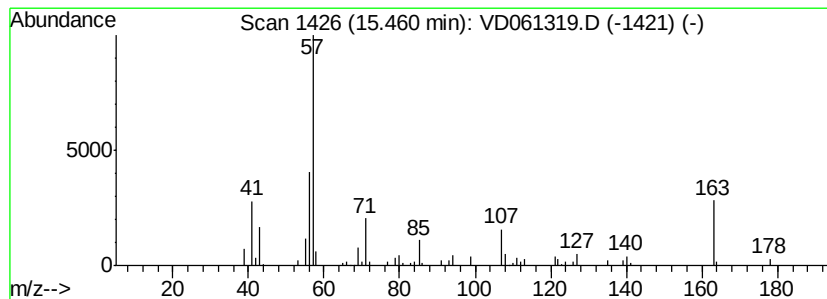
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 2,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.46	8.62 ug/l	362024	1,4-Dichlorobenzene-d4	14.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	50
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
3	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	47
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	43
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43



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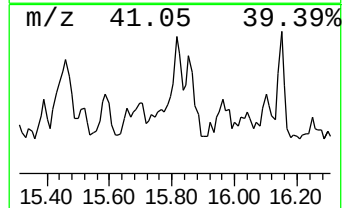
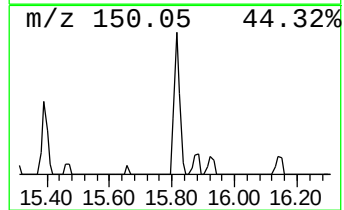
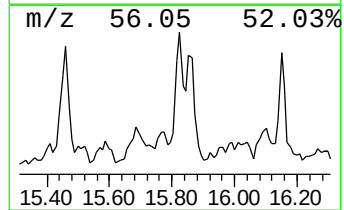
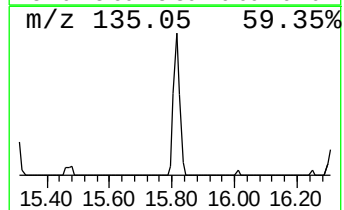
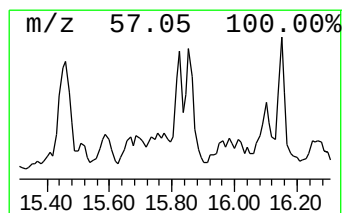
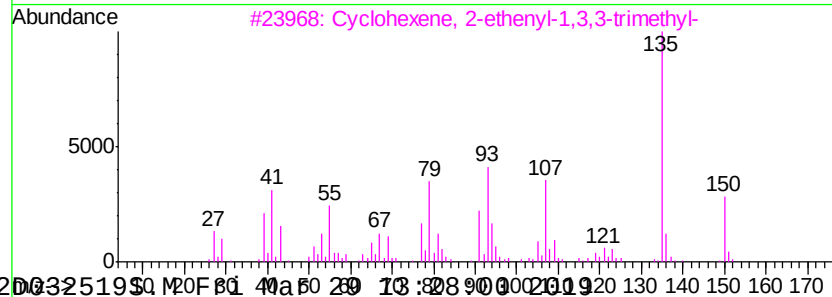
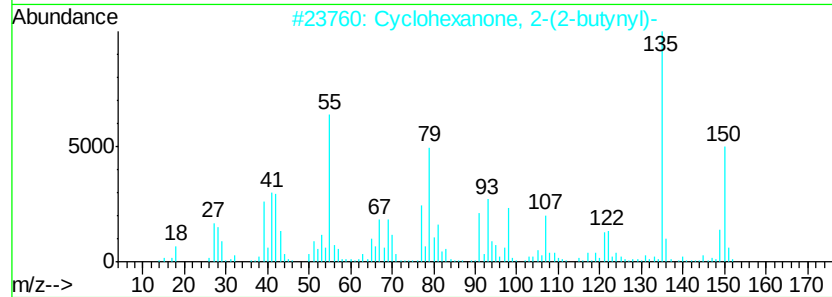
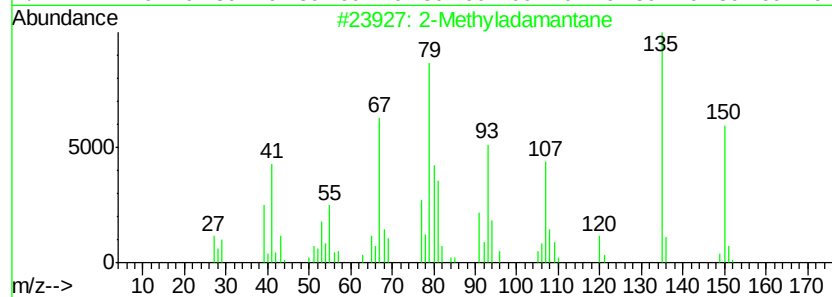
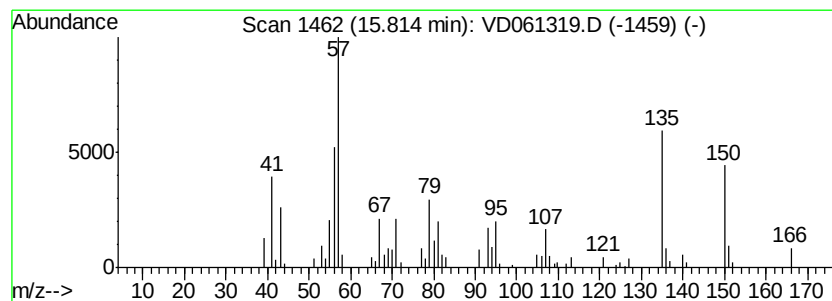
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Peak Number 5 2-Methyladamantane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	7.05 ug/l	296333	1,4-Dichlorobenzene-d4	14.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Methyladamantane	150 C11H18	000700-56-1	60
2	Cyclohexanone, 2-(2-butylnyl)-	150 C10H14O	054166-48-2	46
3	Cyclohexene, 2-ethenyl-1,3,3-tri...	150 C11H18	005293-90-3	35
4	Thymol	150 C10H14O	000089-83-8	35
5	Ethanone, 1-(2-hydroxy-5-methylp...	150 C9H10O2	001450-72-2	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Adamantane	15.13	5.4	ug/l	226139	4	14.51	2101100	50.0
Tricyclo[3.3.1.1(...	15.28	7.7	ug/l	321527	4	14.51	2101100	50.0
Octane, 2,2-dimet...	15.46	8.6	ug/l	362024	4	14.51	2101100	50.0
2-Methyladamantane	15.81	7.0	ug/l	296333	4	14.51	2101100	50.0