

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050719\
 Data File : VW010310.D
 Acq On : 07 May 2019 20:52
 Operator : SY/VA
 Sample : K2613-18
 Misc : 4.41G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFH57

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0 % 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_W\METHOD\SOM2WLM050719S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	37	41	48	rBV4	15068	30725	2.05%	0.258%
2	2.349	68	73	82	rBV	51277	127926	8.53%	1.074%
3	2.885	155	161	172	rVB	47645	129621	8.64%	1.088%
4	3.855	313	320	327	rVB7	2095	4997	0.33%	0.042%
5	4.001	334	344	361	rBV	124791	430531	28.69%	3.613%
6	4.288	389	391	394	rVB3	1072	891	0.06%	0.007%
7	4.336	396	399	401	rBV3	1071	1307	0.09%	0.011%
8	4.385	404	407	408	rBV2	1440	1607	0.11%	0.013%
9	4.647	447	450	453	rBV4	788	1143	0.08%	0.010%
10	4.909	482	493	507	rBV2	14389	64331	4.29%	0.540%
11	5.373	566	569	571	rVV	750	876	0.06%	0.007%
12	5.397	571	573	574	rVV2	1519	954	0.06%	0.008%
13	5.415	574	576	579	rVB2	890	921	0.06%	0.008%
14	5.537	593	596	599	rVV3	612	918	0.06%	0.008%
15	5.623	608	610	614	rVB3	754	1094	0.07%	0.009%
16	5.763	631	633	636	rVB2	826	914	0.06%	0.008%
17	5.873	649	651	652	rBV	912	915	0.06%	0.008%
18	5.921	652	659	667	rVB5	7394	18670	1.24%	0.157%
19	6.202	703	705	709	rVV3	880	1398	0.09%	0.012%
20	6.330	724	726	728	rVV3	786	946	0.06%	0.008%
21	6.409	737	739	743	rVB3	897	1285	0.09%	0.011%
22	6.702	783	787	789	rBV4	1204	1964	0.13%	0.016%
23	6.933	822	825	826	rBV2	842	1056	0.07%	0.009%
24	7.074	840	848	859	rBV	56067	155868	10.39%	1.308%
25	7.208	868	870	872	rVB2	1253	1065	0.07%	0.009%
26	7.275	877	881	885	rBV4	754	1306	0.09%	0.011%
27	7.641	929	941	954	rVB	282488	672052	44.79%	5.640%
28	7.842	971	974	976	rBV3	651	899	0.06%	0.008%
29	7.945	987	991	993	rBV3	1427	1931	0.13%	0.016%
30	8.019	1000	1003	1006	rVB3	834	1074	0.07%	0.009%
31	8.055	1006	1009	1011	rBV4	794	1127	0.08%	0.009%
32	8.128	1020	1021	1024	rBV	1152	1304	0.09%	0.011%
33	8.269	1033	1044	1058	rBV2	483155	1500461	100.00%	12.592%
34	8.470	1074	1077	1080	rVB4	719	946	0.06%	0.008%

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 Title : VOC Analysis

35	8.616	1098	1101	1105	rBV2	967	1620	0.11%	0.014%
36	8.714	1108	1117	1125	rBV5	3218	8713	0.58%	0.073%
37	8.842	1128	1138	1146	rBV	535439	1058139	70.52%	8.880%
38	9.073	1165	1176	1180	rBV7	5859	12661	0.84%	0.106%
39	9.159	1188	1190	1192	rBV3	1003	1086	0.07%	0.009%
40	9.274	1200	1209	1219	rBV	364663	750953	50.05%	6.302%
41	9.549	1250	1254	1257	rBV3	1665	2303	0.15%	0.019%
42	9.640	1266	1269	1270	rBV2	1220	1185	0.08%	0.010%
43	9.652	1270	1271	1276	rVB4	1519	2070	0.14%	0.017%
44	9.744	1282	1286	1287	rBV3	1686	1595	0.11%	0.013%
45	9.890	1304	1310	1314	rBV6	2301	5352	0.36%	0.045%
46	10.030	1324	1333	1343	rBV	169186	320689	21.37%	2.691%
47	10.244	1365	1368	1373	rVB5	1982	2684	0.18%	0.023%
48	10.323	1373	1381	1389	rBV	656065	1142693	76.16%	9.590%
49	10.384	1389	1391	1400	rVB4	7681	12936	0.86%	0.109%
50	10.506	1406	1411	1414	rBV4	1702	2936	0.20%	0.025%
51	10.579	1416	1423	1431	rVV	125755	221421	14.76%	1.858%
52	10.713	1437	1445	1449	rBV5	3850	8004	0.53%	0.067%
53	10.768	1452	1454	1457	rBV4	1568	2286	0.15%	0.019%
54	10.847	1462	1467	1472	rVB6	3881	6862	0.46%	0.058%
55	10.927	1473	1480	1489	rBV	234896	403592	26.90%	3.387%
56	11.177	1519	1521	1525	rVB5	1644	1651	0.11%	0.014%
57	11.518	1573	1577	1579	rBV5	1426	2034	0.14%	0.017%
58	11.542	1579	1581	1582	rBV	2065	1592	0.11%	0.013%
59	11.628	1588	1595	1609	rBV	847278	1447205	96.45%	12.146%
60	11.841	1624	1630	1633	rBV4	2771	5686	0.38%	0.048%
61	12.170	1676	1684	1694	rBV8	2980	7508	0.50%	0.063%
62	12.237	1694	1695	1698	rBV3	1491	1225	0.08%	0.010%
63	12.347	1709	1713	1716	rBV5	1512	1664	0.11%	0.014%
64	12.378	1716	1718	1721	rVB3	938	977	0.07%	0.008%
65	12.439	1724	1728	1729	rBV3	1167	1077	0.07%	0.009%
66	12.469	1729	1733	1735	rVB2	1297	1759	0.12%	0.015%
67	12.609	1752	1756	1761	rVB4	5645	9670	0.64%	0.081%
68	12.695	1763	1770	1778	rVB	322456	525822	35.04%	4.413%
69	12.896	1800	1803	1807	rVB4	2139	2202	0.15%	0.018%
70	13.054	1824	1829	1836	rVB6	9387	16940	1.13%	0.142%
71	13.115	1836	1839	1841	rBV3	1333	1841	0.12%	0.015%

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72	13.170	1845	1848	1849	rVV3	1465	1400	0.09%	0.012%
73	13.195	1849	1852	1857	rVB4	3266	4904	0.33%	0.041%
74	13.286	1864	1867	1868	rBV2	1067	1221	0.08%	0.010%
75	13.304	1868	1870	1874	rVB2	3035	3941	0.26%	0.033%
76	13.408	1882	1887	1893	rVB6	4742	8273	0.55%	0.069%
77	13.505	1893	1903	1906	rBV8	10682	23892	1.59%	0.201%
78	13.560	1906	1912	1923	rVV	769728	1214221	80.92%	10.190%
79	13.652	1923	1927	1933	rVB	26031	42299	2.82%	0.355%
80	13.761	1939	1945	1949	rBV8	2357	4588	0.31%	0.039%
81	13.853	1953	1960	1967	rBV	641998	1054028	70.25%	8.846%
82	14.018	1983	1987	1992	rBV7	1005	2025	0.13%	0.017%
83	14.097	1992	2000	2008	rBV2	55765	99830	6.65%	0.838%
84	14.322	2035	2037	2046	rVV8	2290	3653	0.24%	0.031%
85	14.530	2068	2071	2072	rVB2	1256	898	0.06%	0.008%
86	14.688	2093	2097	2101	rBV4	1072	2103	0.14%	0.018%
87	14.737	2101	2105	2106	rBV3	1444	1877	0.13%	0.016%
88	14.865	2123	2126	2127	rBV2	1465	1445	0.10%	0.012%
89	14.999	2143	2148	2153	rBV2	16299	27033	1.80%	0.227%
90	15.066	2153	2159	2167	rVV	139518	230309	15.35%	1.933%
91	15.310	2197	2199	2200	rBV	1282	1081	0.07%	0.009%
92	15.444	2218	2221	2225	rVB3	7350	10330	0.69%	0.087%
93	15.676	2257	2259	2260	rBV	1393	1082	0.07%	0.009%
94	15.804	2276	2280	2284	rBV6	3099	5306	0.35%	0.045%
95	16.011	2312	2314	2317	rVB3	2980	2642	0.18%	0.022%
96	16.292	2359	2360	2362	rBV	1042	976	0.07%	0.008%
97	16.377	2373	2374	2376	rBV2	1359	1292	0.09%	0.011%
98	16.615	2409	2413	2415	rVB3	1155	1429	0.10%	0.012%
99	16.645	2417	2418	2420	rBV2	1034	885	0.06%	0.007%
100	16.743	2432	2434	2437	rVV5	941	927	0.06%	0.008%

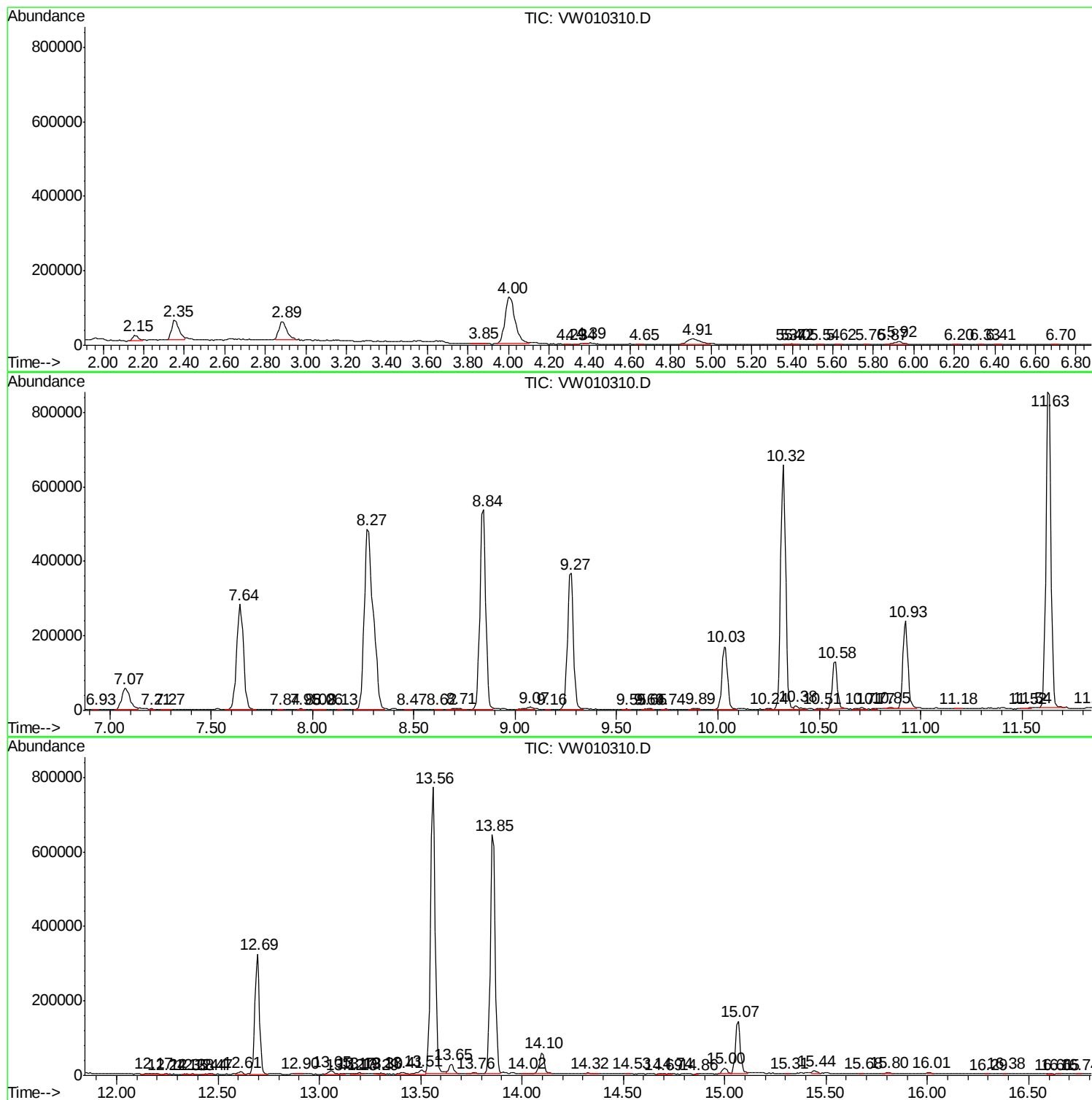
Sum of corrected areas: 11915546

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
Quant Title : VOC Analysis

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



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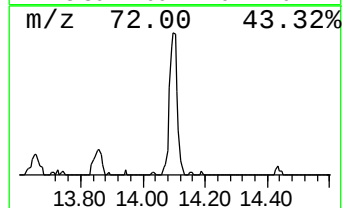
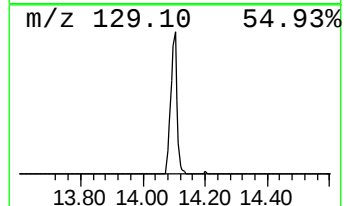
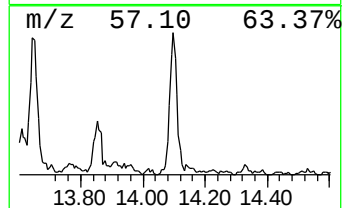
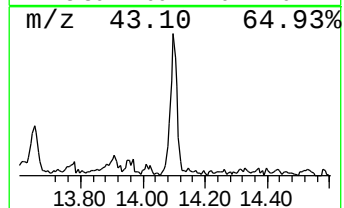
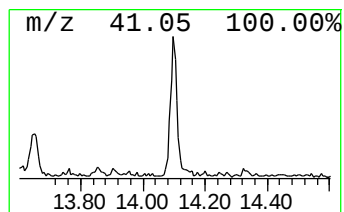
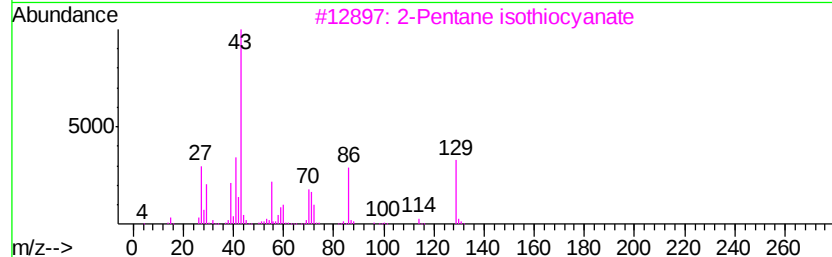
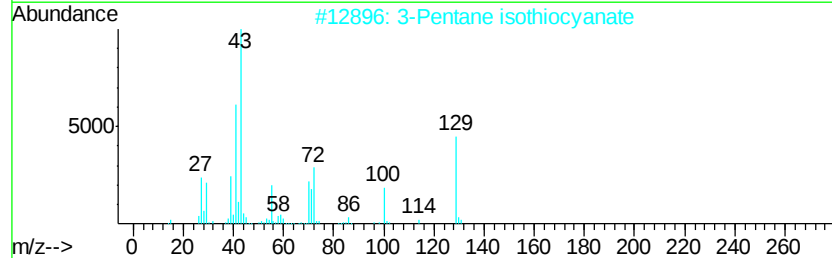
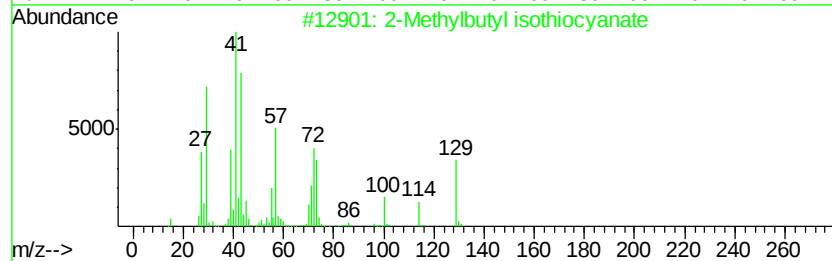
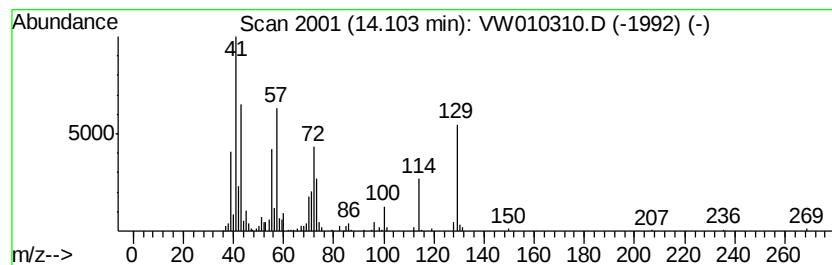
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
Quant Title : VOC Analysis

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

Peak Number 2 2-Methylbutyl isothiocyanate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.06 ug/L	99830	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylbutyl isothiocyanate	129	C6H11NS	004404-51-7	70
2		3-Pentane isothiocyanate	129	C6H11NS	201224-89-7	53
3		2-Pentane isothiocyanate	129	C6H11NS	201224-94-4	47
4		Neopentyl isothiocyanate	129	C6H11NS	000597-97-7	38
5		Paramethadione	157	C7H11NO3	000115-67-3	37



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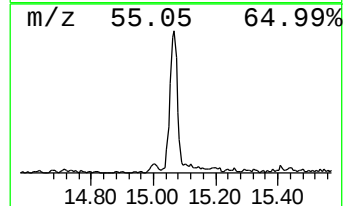
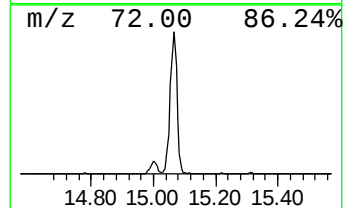
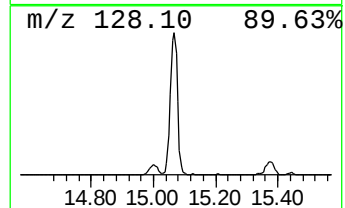
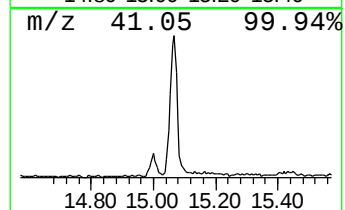
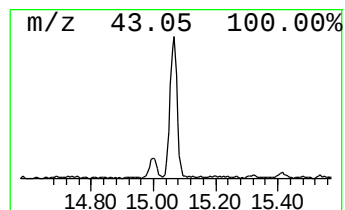
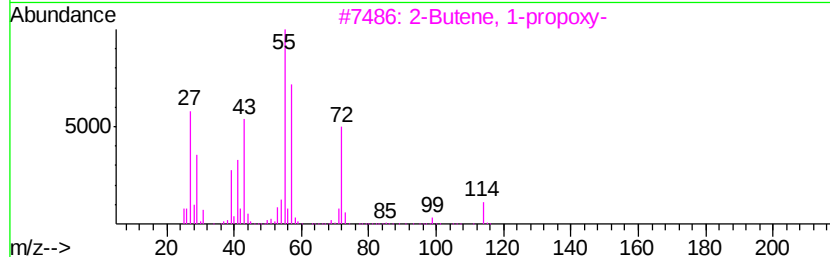
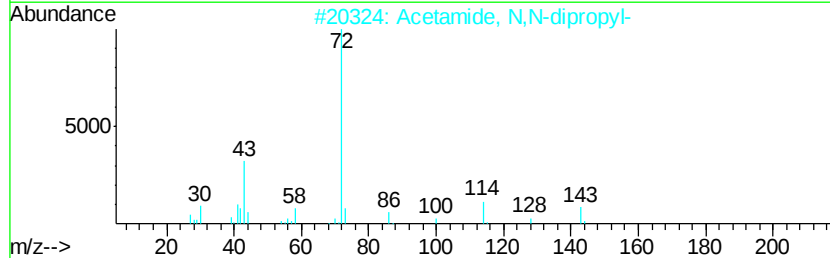
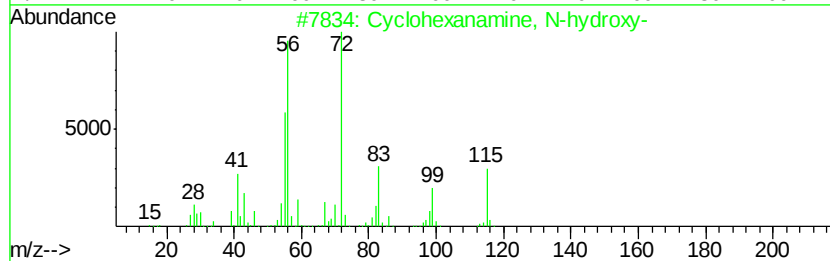
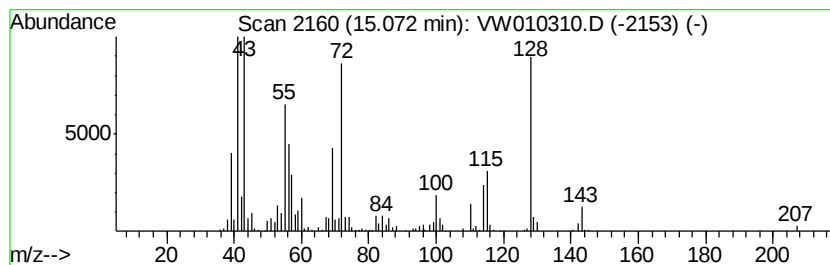
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexanamine, N-hydroxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.07	4.74 ug/L	230309	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexanamine, N-hydroxy-	115	C6H13NO	002211-64-5	38
2		Acetamide, N,N-dipropyl-	143	C8H17NO	001116-24-1	30
3		2-Butene, 1-propoxy-	114	C7H14O	018409-01-3	30
4		2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	30
5		Ethyl 3-(2,6-dimehylmorpholino)p...	215	C11H21NO3	1000370-34-5	27



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Methylbutyl iso...	14.10	2.1	ug/L	99830	3	13.56	1214220	25.0
Cyclohexanamine, ...	15.07	4.7	ug/L	230309	3	13.56	1214220	25.0