

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016518.D
 Acq On : 10 Sep 2020 12:49
 Operator : SY/VA
 Sample : L3945-09
 Misc : 6.36G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWY3

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\SOM2WLM090320S.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	3.678	289	291	293	rBV2	653	754	0.38%	0.051%
2	4.038	340	350	359	rBV2	23975	64712	33.03%	4.363%
3	4.202	376	377	380	rVB2	747	730	0.37%	0.049%
4	4.227	380	381	385	rBV4	496	583	0.30%	0.039%
5	4.373	401	405	406	rBV3	590	509	0.26%	0.034%
6	4.483	419	423	425	rBV5	399	641	0.33%	0.043%
7	4.574	436	438	441	rBV2	877	933	0.48%	0.063%
8	4.599	441	442	444	rBV2	631	471	0.24%	0.032%
9	4.647	449	450	452	rBV2	524	491	0.25%	0.033%
10	4.855	483	484	488	rVB4	520	532	0.27%	0.036%
11	4.891	488	490	491	rBV2	1048	945	0.48%	0.064%
12	4.922	491	495	502	rVV7	3732	9988	5.10%	0.673%
13	4.995	506	507	508	rBV	750	462	0.24%	0.031%
14	5.184	535	538	540	rVB3	906	790	0.40%	0.053%
15	5.263	550	551	553	rBV	531	520	0.27%	0.035%
16	5.312	557	559	561	rBV2	1004	752	0.38%	0.051%
17	5.336	561	563	565	rBV3	618	627	0.32%	0.042%
18	5.483	586	587	590	rVB2	613	579	0.30%	0.039%
19	5.519	590	593	594	rBV2	500	587	0.30%	0.040%
20	5.562	598	600	602	rVB2	543	506	0.26%	0.034%
21	5.604	605	607	612	rVB4	354	524	0.27%	0.035%
22	5.751	629	631	633	rBV3	912	664	0.34%	0.045%
23	5.836	643	645	648	rBV2	682	901	0.46%	0.061%
24	5.946	652	663	664	rBV3	2616	5001	2.55%	0.337%
25	6.098	686	688	691	rVB3	517	444	0.23%	0.030%
26	6.141	693	695	697	rVB	691	466	0.24%	0.031%
27	6.178	697	701	704	rBV2	856	1194	0.61%	0.081%
28	6.245	710	712	715	rBV4	606	725	0.37%	0.049%
29	6.318	722	724	725	rBV2	500	524	0.27%	0.035%
30	6.452	744	746	749	rBV4	551	555	0.28%	0.037%
31	6.495	751	753	754	rBV2	565	456	0.23%	0.031%
32	6.537	759	760	762	rVB	1125	589	0.30%	0.040%
33	6.562	762	764	766	rBV3	496	552	0.28%	0.037%
34	6.580	766	767	772	rVB3	758	619	0.32%	0.042%

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35	6.702	784	787	790	rVB3	842	1011	0.52%	0.068%
36	6.738	790	793	795	rBV3	466	465	0.24%	0.031%
37	6.775	797	799	802	rBV3	707	893	0.46%	0.060%
38	6.885	815	817	820	rVV3	759	732	0.37%	0.049%
39	6.982	829	833	834	rBV3	617	812	0.41%	0.055%
40	7.080	847	849	860	rVB4	2952	6521	3.33%	0.440%
41	7.293	881	884	886	rBV3	888	1179	0.60%	0.079%
42	7.354	890	894	895	rBV3	382	513	0.26%	0.035%
43	7.409	900	903	906	rVB3	631	735	0.38%	0.050%
44	7.446	906	909	910	rBV2	763	650	0.33%	0.044%
45	7.513	919	920	925	rVB3	947	984	0.50%	0.066%
46	7.555	925	927	928	rBV2	612	538	0.27%	0.036%
47	7.659	933	944	955	rVB	35630	91056	46.48%	6.140%
48	7.750	955	959	962	rBV4	549	790	0.40%	0.053%
49	7.811	967	969	972	rBV2	521	535	0.27%	0.036%
50	8.287	1035	1047	1061	rBV3	62486	195915	100.00%	13.210%
51	8.506	1082	1083	1087	rVV3	535	655	0.33%	0.044%
52	8.628	1101	1103	1104	rBV2	721	518	0.26%	0.035%
53	8.677	1108	1111	1114	rBV3	350	462	0.24%	0.031%
54	8.708	1114	1116	1118	rBV3	503	512	0.26%	0.035%
55	8.848	1131	1139	1149	rBV	83470	167269	85.38%	11.278%
56	9.006	1163	1165	1169	rVB4	727	1119	0.57%	0.075%
57	9.281	1203	1210	1221	rBV	43904	90386	46.14%	6.094%
58	9.433	1232	1235	1238	rVB2	882	1047	0.53%	0.071%
59	9.464	1238	1240	1242	rBV2	467	465	0.24%	0.031%
60	9.665	1270	1273	1277	rBV4	662	1065	0.54%	0.072%
61	9.945	1316	1319	1320	rBV3	708	685	0.35%	0.046%
62	9.963	1320	1322	1324	rVV2	647	465	0.24%	0.031%
63	10.037	1327	1334	1342	rBV	23828	47577	24.28%	3.208%
64	10.091	1342	1343	1346	rVB2	1187	866	0.44%	0.058%
65	10.329	1375	1382	1390	rBV	78706	148461	75.78%	10.010%
66	10.390	1390	1392	1398	rVB6	3080	4473	2.28%	0.302%
67	10.500	1409	1410	1414	rVB2	726	851	0.43%	0.057%
68	10.530	1414	1415	1417	rBV2	855	674	0.34%	0.045%
69	10.585	1417	1424	1430	rBV2	14542	26416	13.48%	1.781%
70	10.701	1439	1443	1449	rVB4	2490	4813	2.46%	0.325%
71	10.805	1459	1460	1463	rBV2	514	534	0.27%	0.036%

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72	10.866	1463	1470	1476	rVV	36914	65777	33.57%	4.435%
73	10.927	1476	1480	1490	rVB	15911	28672	14.63%	1.933%
74	11.061	1500	1502	1505	rBV4	1010	985	0.50%	0.066%
75	11.146	1515	1516	1518	rBV2	654	484	0.25%	0.033%
76	11.518	1575	1577	1579	rBV2	519	585	0.30%	0.039%
77	11.573	1583	1586	1587	rBV2	496	475	0.24%	0.032%
78	11.634	1589	1596	1606	rVV	98307	172912	88.26%	11.659%
79	11.786	1618	1621	1622	rBV2	560	537	0.27%	0.036%
80	11.841	1625	1630	1635	rVV3	2281	4612	2.35%	0.311%
81	11.920	1641	1643	1645	rBV3	730	479	0.24%	0.032%
82	11.981	1652	1653	1657	rBV2	881	995	0.51%	0.067%
83	12.091	1668	1671	1673	rBV3	443	585	0.30%	0.039%
84	12.384	1715	1719	1721	rVB2	863	1155	0.59%	0.078%
85	12.408	1721	1723	1725	rBV	706	491	0.25%	0.033%
86	12.548	1744	1746	1748	rVV2	683	661	0.34%	0.045%
87	12.615	1750	1757	1762	rVB6	2924	5671	2.89%	0.382%
88	12.695	1762	1770	1777	rBV2	31894	53252	27.18%	3.591%
89	12.975	1812	1816	1822	rVB	12244	19266	9.83%	1.299%
90	13.170	1846	1848	1850	rVB3	611	465	0.24%	0.031%
91	13.195	1850	1852	1853	rBV2	859	627	0.32%	0.042%
92	13.371	1878	1881	1882	rBV2	1091	1273	0.65%	0.086%
93	13.475	1892	1898	1902	rBV7	4907	8387	4.28%	0.566%
94	13.560	1906	1912	1918	rBV	64718	106154	54.18%	7.158%
95	13.755	1942	1944	1946	rVB2	1025	555	0.28%	0.037%
96	13.853	1954	1960	1967	rVB	51137	89583	45.73%	6.040%
97	14.072	1991	1996	2000	rBV	7924	12981	6.63%	0.875%
98	14.371	2043	2045	2047	rBV2	947	813	0.41%	0.055%
99	14.481	2062	2063	2065	rBV2	663	473	0.24%	0.032%
100	14.524	2069	2070	2075	rVB4	1841	2210	1.13%	0.149%

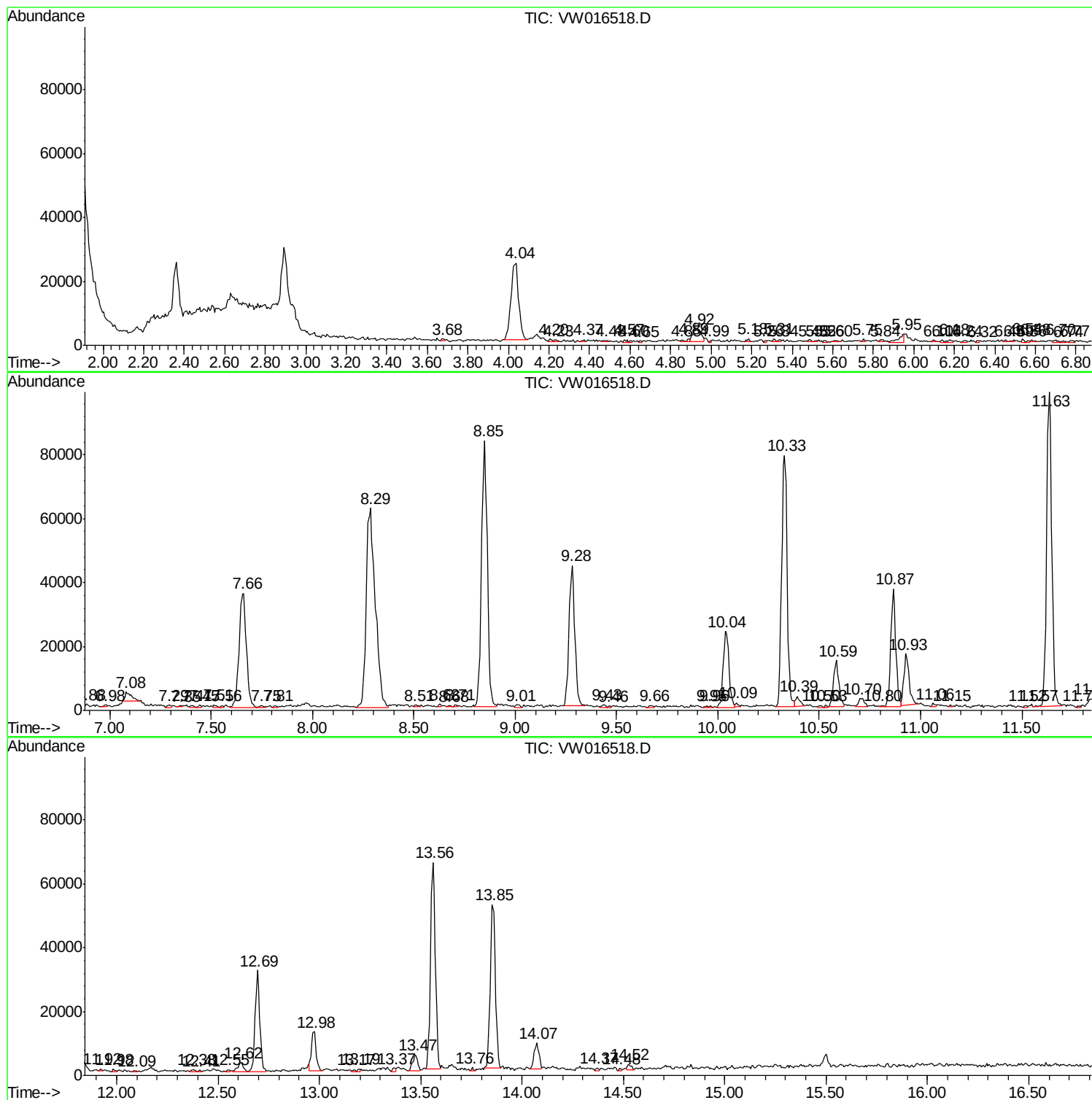
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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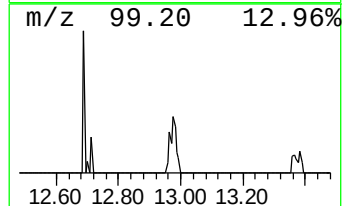
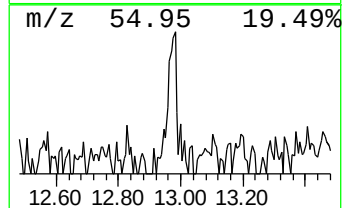
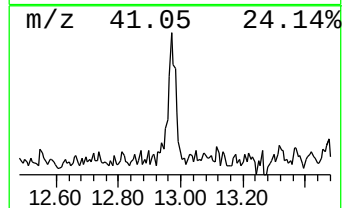
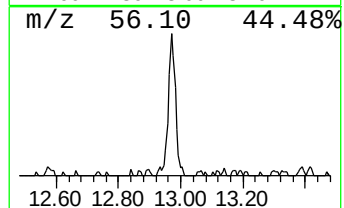
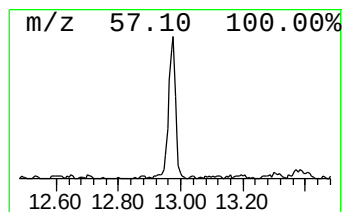
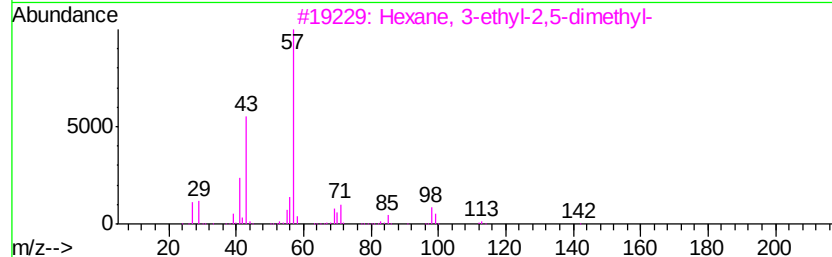
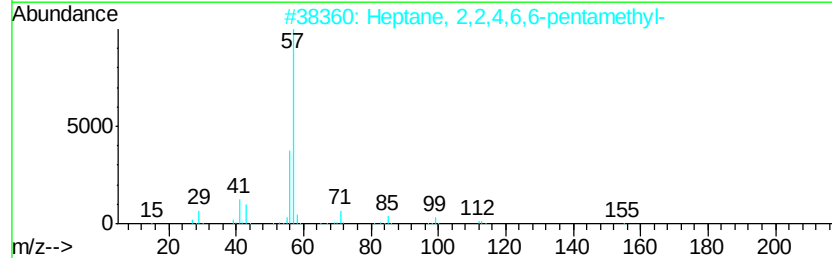
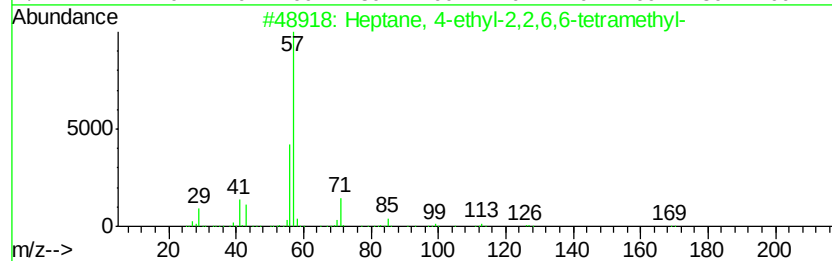
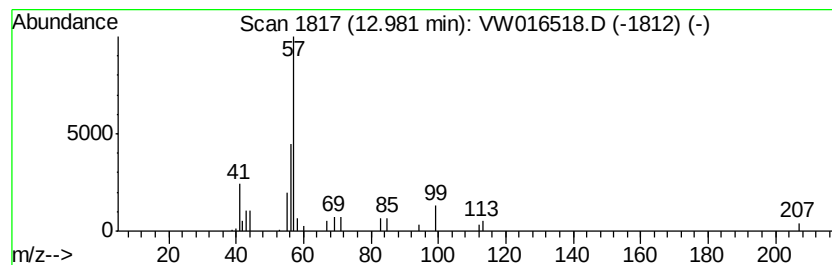
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	4.54 ug/L	19266	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
2		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	56
3		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	53
4		2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	50
5		Tridecane, 2,2,4,10,12,12-hexame...	394	C28H58	003035-75-4	50



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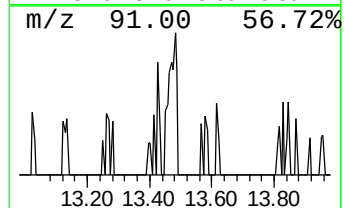
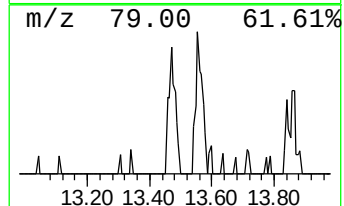
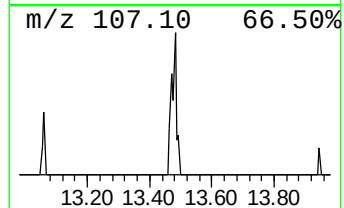
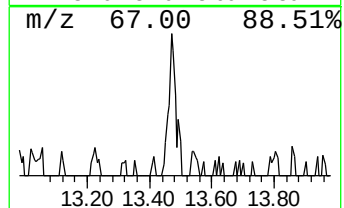
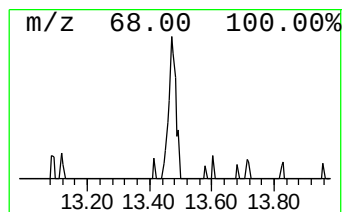
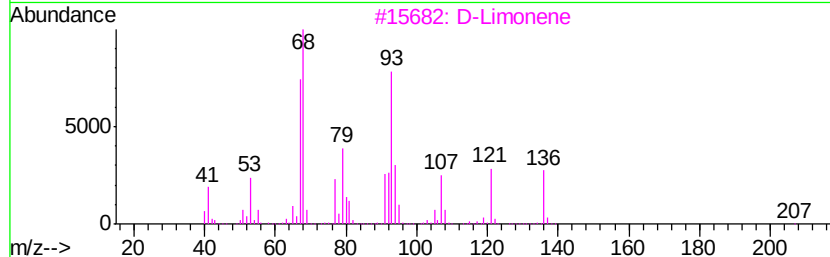
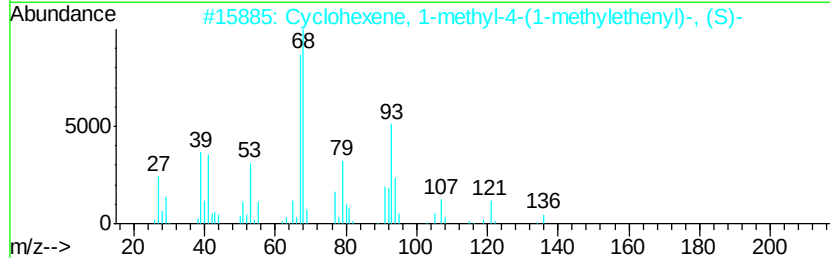
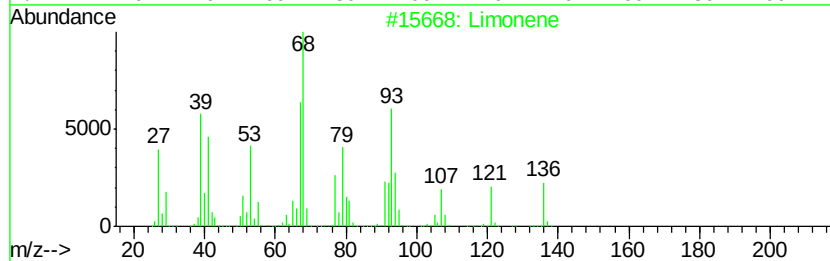
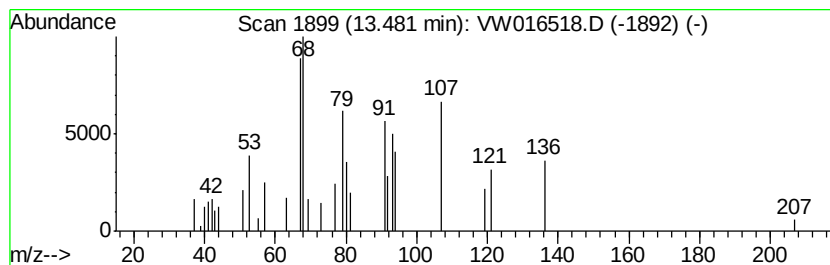
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	1.98 ug/L	8387	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Limonene		136	C10H16	000138-86-3	81
2	Cyclohexene, 1-methyl-4-(1-methy...		136	C10H16	005989-54-8	72
3	D-Limonene		136	C10H16	005989-27-5	68
4	D-Limonene		136	C10H16	005989-27-5	58
5	Limonene		136	C10H16	000138-86-3	58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	12.98	4.5	ug/L	19266	3	13.56	106154	25.0
Limonene	13.48	2.0	ug/L	8387	3	13.56	106154	25.0