LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
Data File : VW009310.D
Acq On : 21 Mar 2019 02:45
Operator : SY/VA
Sample : K1988-11
Misc : 5.17G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF0C2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.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	2.355	70	74	85	rVB	80488	175669	12.45%	1.443%
2	4.013	338	346	364	rVB2	144034	477615	33.84%	3.923%
3	4.538	430	432	433	rBV	1814	1311	0.09%	0.011%
4	4.696	456	458	460	rBV2	1144	1016	0.07%	0.008%
5	4.794	472	474	477	rVB2	1800	1584	0.11%	0.013%
6	4.818	477	478	479	rBV	2065	787	0.06%	0.006%
7	4.903	481	492	493	rBV7	8412	19076	1.35%	0.157%
8	5.038	512	514	518	rVB	2357	1869	0.13%	0.015%
9	5.068	518	519	521	rBV2	1471	1134	0.08%	0.009%
10	5.092	521	523	524	rBV2	1721	911	0.06%	0.007%
11	5.159	533	534	537	rVB	2544	1816	0.13%	0.015%
12	5.184	537	538	539	rBV	2574	1433	0.10%	0.012%
13	5.287	553	555	557	rVB2	2687	2439	0.17%	0.020%
14	5.318	557	560	563	rBV	1833	2693	0.19%	0.022%
15	5.342	563	564	565	rBV	2080	910	0.06%	0.007%
16	5.464	583	584	587	rVB	2675	1631	0.12%	0.013%
17	5.531	593	595	598	rBV2	1321	1439	0.10%	0.012%
18	5.574	600	602	603	rBV2	985	712	0.05%	0.006%
19	5.726	625	627	629	rBV	1501	1592	0.11%	0.013%
20	5.885	651	653	654	rBV2	1613	881	0.06%	0.007%
21	5.922	656	659	660	rBV2	2488	2778	0.20%	0.023%
22	6.056	679	681	682	rVB	1905	1175	0.08%	0.010%
23	6.098	684	688	690	rVB2	1309	2005	0.14%	0.016%
24	6.208	703	706	707	rBV	1354	1669	0.12%	0.014%
25	6.263	714	715	717	rBV	1073	1039	0.07%	0.009%
26	6.379	733	734	738	rBV2	1473	1769	0.13%	0.015%
27	6.409	738	739	742	rBV	1843	1701	0.12%	0.014%
28	6.501	750	754	757	rBV2	1512	2477	0.18%	0.020%
29	6.562	762	764	768	rVB	1524	1775	0.13%	0.015%
30	6.598	768	770	771	rVB	1374	803	0.06%	0.007%
31	6.610	771	772	773	rBV	1907	924	0.07%	0.008%
32	6.647	776	778	779	rVV	1228	723	0.05%	0.006%
33	6.665	779	781	783	rVV2	1082	751	0.05%	0.006%
34	6.690	783	785	786	rVV	1462	1170	0.08%	0.010%

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Misc : 5.17G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF0C2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Title : VOC Analysis

35	6.714	786	789	791	rVB3	2370	2796	0.20%	0.023%
36	6.732	791	792	795	rBV2	2646	2895	0.21%	0.024%
37	6.793	799	802	805	rBV	1593	2606	0.18%	0.021%
38	6.830	805	808	809	rVV	1804	2098	0.15%	0.017%
39	6.866	812	814	815	rVB	1739	915	0.06%	0.008%
40	6.915	820	822	824	rBV	1909	1511	0.11%	0.012%
41	7.074	841	848	854	rBV	42847	113908	8.07%	0.936%
42	7.165	855	863	874	rVB	377972	990026	70.15%	8.133%
43	7.385	897	899	902	rVB2	1714	1607	0.11%	0.013%
44	7.409	902	903	904	rBV	2111	1243	0.09%	0.010%
45	7.476	911	914	915	rBV2	2045	1948	0.14%	0.016%
46	7.513	919	920	922	rBV	1375	1088	0.08%	0.009%
47	7.568	927	929	930	rBV2	1396	1285	0.09%	0.011%
48	7.647	932	942	954	rVB	264402	648715	45.96%	5.329%
49	7.799	965	967	969	rBV2	779	967	0.07%	0.008%
50	7.982	993	997	1000	rVB	2224	3715	0.26%	0.031%
51	8.007	1000	1001	1003	rBV	1860	1509	0.11%	0.012%
52	8.031	1003	1005	1008	rVB	2065	2002	0.14%	0.016%
53	8.061	1008	1010	1012	rBV2	1939	1926	0.14%	0.016%
54	8.104	1016	1017	1019	rVB	1320	936	0.07%	0.008%
55	8.128	1019	1021	1024	rBV	1161	1464	0.10%	0.012%
56	8.177	1027	1029	1031	rVB	1927	1610	0.11%	0.013%
57	8.195	1031	1032	1035	rBV	1901	2516	0.18%	0.021%
58	8.269	1035	1044	1059	rBV2	475420	1411344	100.00%	11.594%
59	8.464	1073	1076	1078	rBV	1448	1552	0.11%	0.013%
60	8.488	1078	1080	1083	rVV	1368	1257	0.09%	0.010%
61	8.549	1088	1090	1091	rVB	2312	1074	0.08%	0.009%
62	8.580	1094	1095	1097	rBV	1445	890	0.06%	0.007%
63	8.628	1099	1103	1107	rBV5	1556	2969	0.21%	0.024%
64	8.842	1129	1138	1148	rVV	500306	973884	69.00%	8.000%
65	9.086	1171	1178	1187	rVB	207850	413037	29.27%	3.393%
66	9.275	1201	1209	1220	rBV	338647	675118	47.84%	5.546%
67	9.421	1231	1233	1235	rVB	2654	1665	0.12%	0.014%
68	9.476	1240	1242	1248	rVB2	2018	3214	0.23%	0.026%
69	9.518	1248	1249	1250	rBV	1773	1146	0.08%	0.009%
70	9.695	1276	1278	1280	rBV2	1532	1656	0.12%	0.014%
71	9.762	1288	1289	1292	rVB2	2773	1671	0.12%	0.014%

LSC Area Percent Report

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Misc : 5.17G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF0C2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Title : VOC Analysis

72	9.829	1299	1300	1302	rBV2	1394	737	0.05%	0.006%
73	9.854	1302	1304	1305	rBV	1302	708	0.05%	0.006%
74	10.031	1325	1333	1345	rBV	171801	314441	22.28%	2.583%
75	10.323	1373	1381	1388	rBV	645617	1116038	79.08%	9.168%
76	10.579	1415	1423	1431	rBV	114302	205858	14.59%	1.691%
77	10.707	1440	1444	1447	rBV2	6071	8552	0.61%	0.070%
78	10.774	1454	1455	1456	rBV	1546	632	0.04%	0.005%
79	10.860	1464	1469	1474	rBV3	11380	20189	1.43%	0.166%
80	10.927	1474	1480	1491	rVV	173360	297543	21.08%	2.444%
81	11.152	1515	1517	1519	rBV	2389	2035	0.14%	0.017%
82	11.286	1535	1539	1541	rBV5	3247	4885	0.35%	0.040%
83	11.378	1550	1554	1558	rVB4	3358	4458	0.32%	0.037%
84	11.500	1571	1574	1578	rBV4	1746	3302	0.23%	0.027%
85	11.628	1587	1595	1603	rBV	713811	1220322	86.47%	10.025%
86	11.981	1647	1653	1657	rBV7	7865	19898	1.41%	0.163%
87	12.615	1752	1757	1762	rVB4	20033	37749	2.67%	0.310%
88	12.695	1762	1770	1776	rBV	282859	498384	35.31%	4.094%
89	12.780	1780	1784	1790	rVB3	57623	103140	7.31%	0.847%
90	12.926	1804	1808	1817	rVB3	40748	83817	5.94%	0.689%
91	13.560	1905	1912	1920	rVB	744751	1185773	84.02%	9.741%
92	13.853	1954	1960	1970	rVB	606615	1017521	72.10%	8.359%
93	14.213	2017	2019	2023	rBV4	3748	6190	0.44%	0.051%
94	14.335	2035	2039	2043	rVB6	7876	13964	0.99%	0.115%
95	14.688	2095	2097	2098	rBV	1564	916	0.06%	0.008%
96	15.011	2147	2150	2151	rBV2	1640	1622	0.11%	0.013%
97	15.334	2199	2203	2205	rBV	2797	3941	0.28%	0.032%
98	15.670	2256	2258	2259	rBV2	1517	1249	0.09%	0.010%
99	15.895	2294	2295	2296	rBV	2664	1470	0.10%	0.012%
100	16.188	2342	2343	2344	rBV	1690	821	0.06%	0.007%

Sum of corrected areas: 12173195

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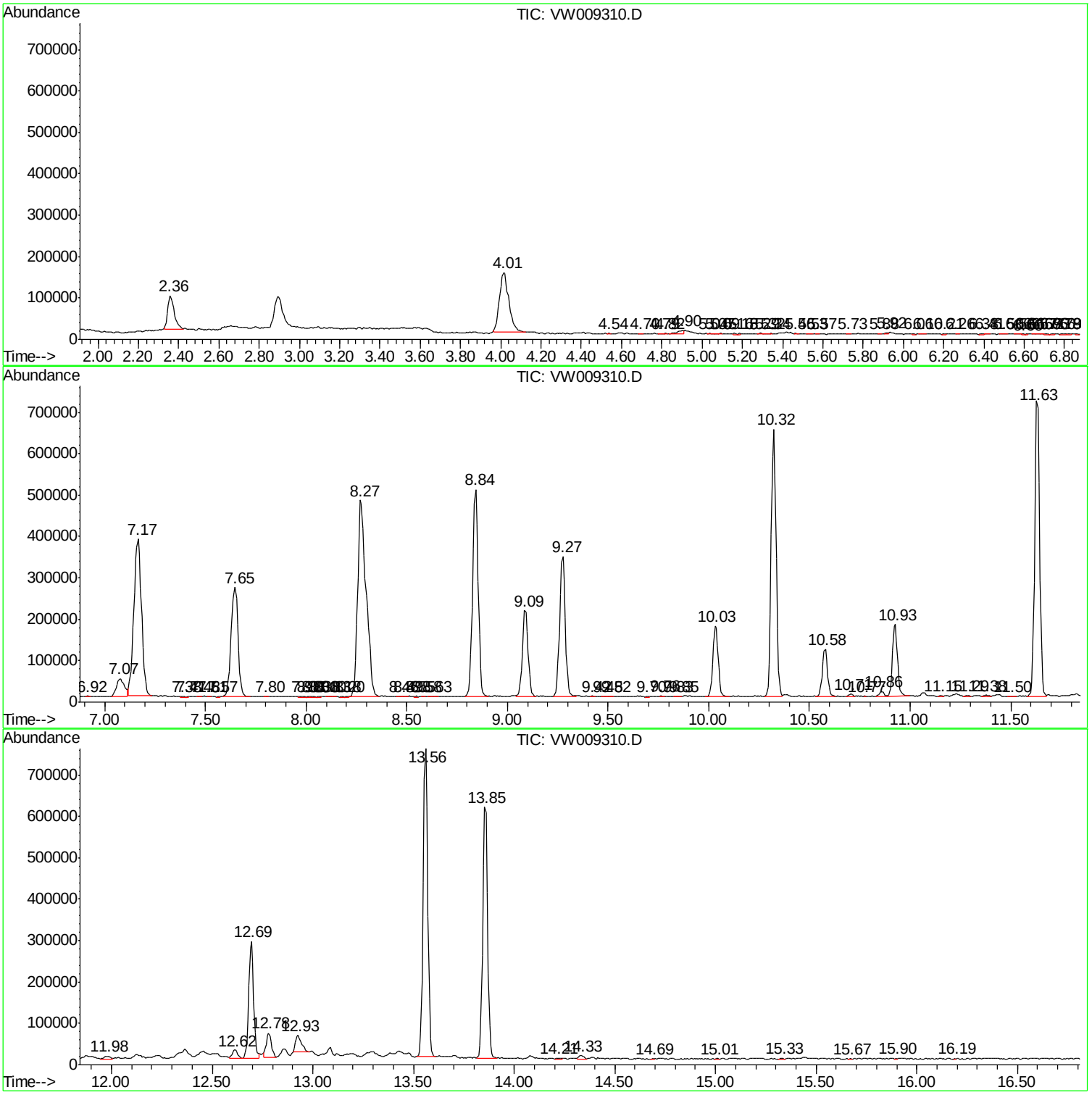
Instrument : MSVOA_W
ClientSampleId : BF0C2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032019\
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Acq On : 21 Mar 2019 02:45
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF0C2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

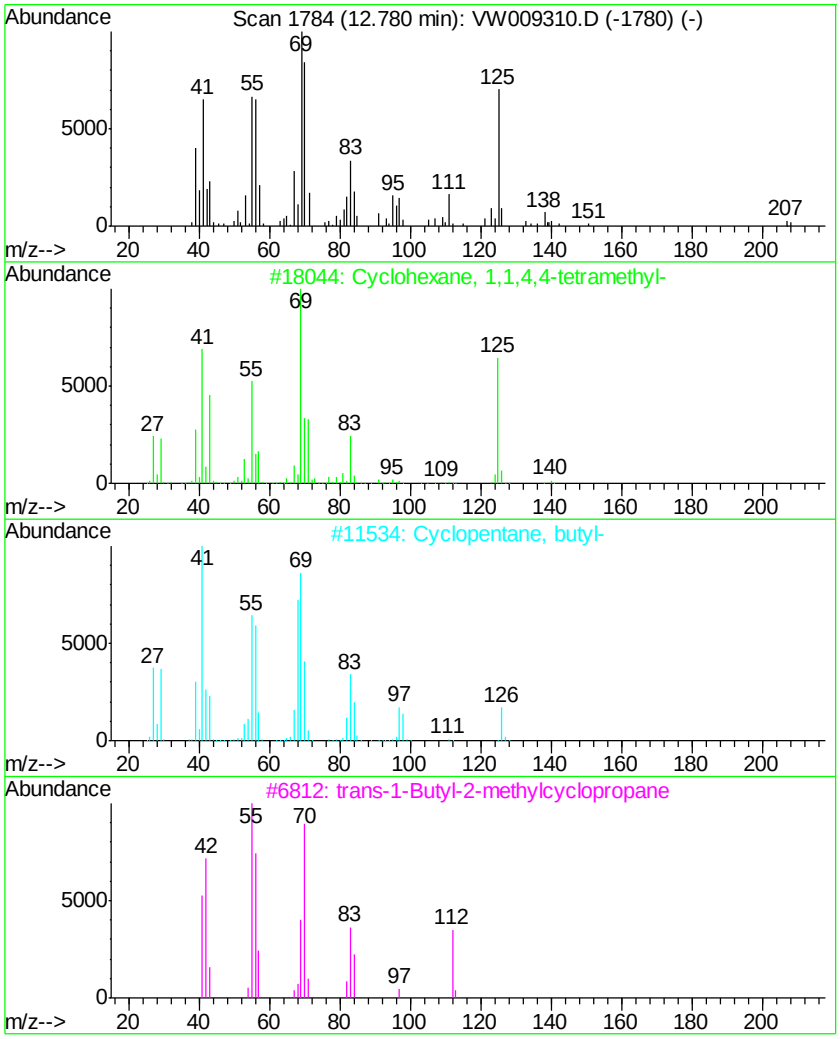
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

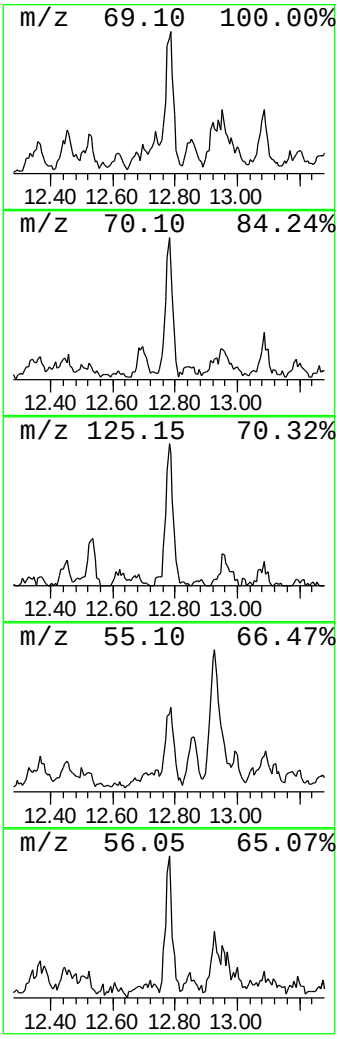
****

Peak Number 2 (DEL) Alkane: Cyclic12.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	2.17 ug/L	103140	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	55
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	49
3	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	45
4	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	43
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	43





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Instrument : MSVOA_W
ClientSampleId : BF0C2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

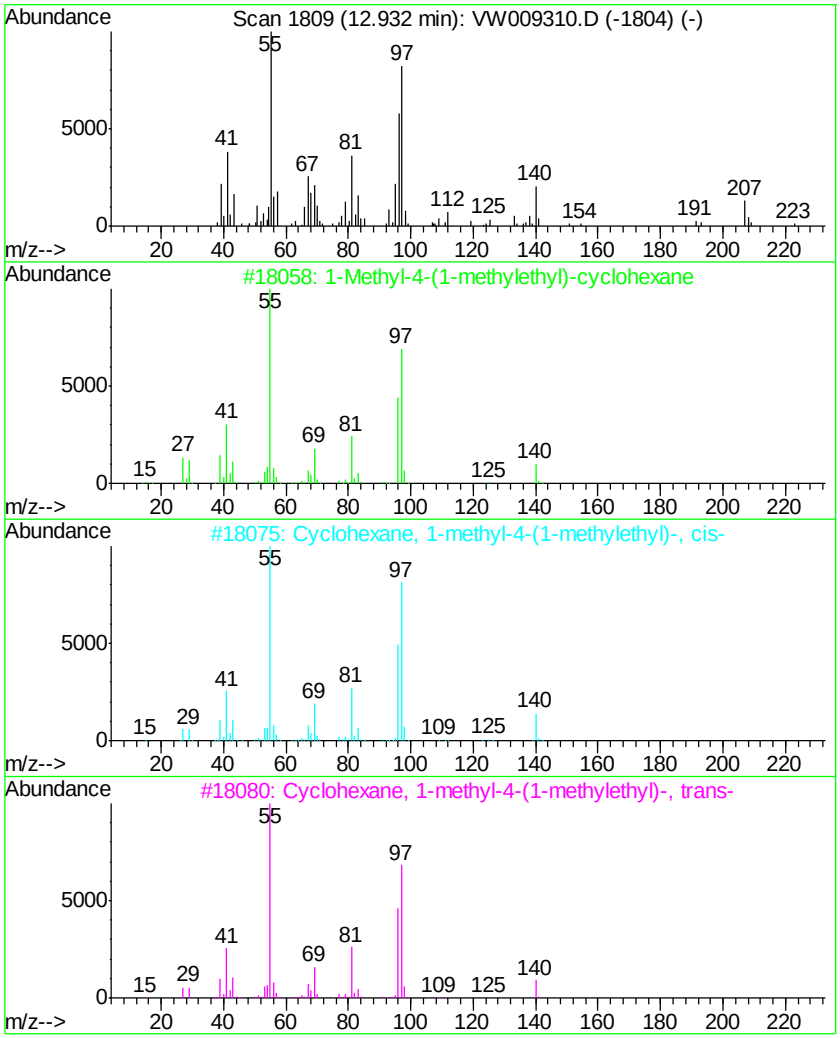
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

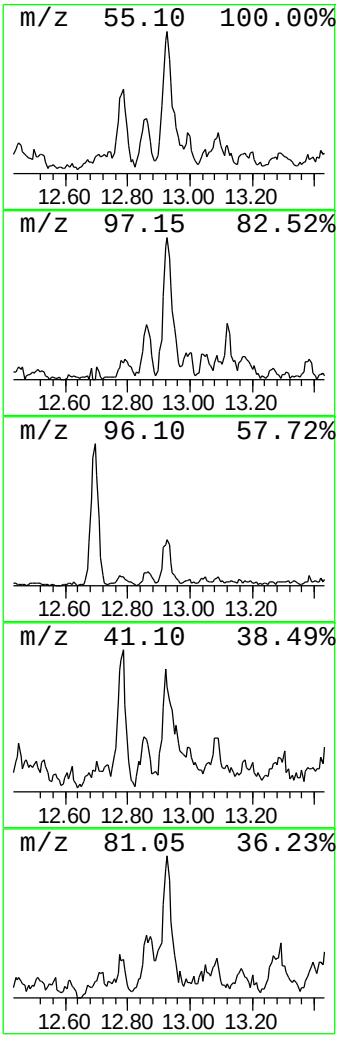
****

Peak Number 3 (DEL) Alkane: Cyclic12.93 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	1.77 ug/L	83817	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	76
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	76
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	76
4	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	72
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	68





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	12.78	2.2	ug/L	103140	3	13.56	1185770	25.0
(DEL) Alkane: Cyc...	12.93	1.8	ug/L	83817	3	13.56	1185770	25.0