LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061324\
Data File : VW029137.D
Acq On : 13 Jun 2024 20:06
Operator : SY/MD
Sample : P2870-10
Misc : 3.59g/10mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB1

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\SFAMWLM060324SMA.M
Title : SFAM01.0

Signal : TIC: VW029137.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	93	rBV	88332	213984	12.48%	2.067%
2	2.893	159	165	183	rVB	78316	226467	13.20%	2.188%
3	3.484	259	262	265	rBV5	901	1358	0.08%	0.013%
4	3.673	289	293	295	rBV5	761	1100	0.06%	0.011%
5	3.716	298	300	303	rBV4	926	1197	0.07%	0.012%
6	3.820	313	317	318	rBV4	1046	1302	0.08%	0.013%
7	4.021	338	350	364	rBV	168821	542803	31.65%	5.244%
8	4.320	395	399	401	rBV5	1335	1317	0.08%	0.013%
9	4.387	406	410	413	rBV2	2406	4631	0.27%	0.045%
10	4.624	440	449	452	rBV5	1831	4505	0.26%	0.044%
11	4.826	480	482	485	rBV3	594	624	0.04%	0.006%
12	4.917	485	497	510	rBV	51863	201518	11.75%	1.947%
13	5.326	563	564	566	rVB3	927	548	0.03%	0.005%
14	5.429	579	581	586	rVB5	1056	869	0.05%	0.008%
15	5.466	586	587	590	rVB3	927	871	0.05%	0.008%
16	5.569	602	604	605	rBV2	545	529	0.03%	0.005%
17	5.643	612	616	618	rVB5	1315	1091	0.06%	0.011%
18	5.667	618	620	623	rVB4	658	752	0.04%	0.007%
19	5.710	623	627	631	rBV6	588	1071	0.06%	0.010%
20	5.752	631	634	635	rBV3	904	1080	0.06%	0.010%
21	5.783	635	639	643	rVV7	1708	2976	0.17%	0.029%
22	5.850	646	650	653	rBV5	1064	1440	0.08%	0.014%
23	5.880	653	655	656	rBV2	932	698	0.04%	0.007%
24	5.941	656	665	676	rVB4	19954	61450	3.58%	0.594%
25	6.069	684	686	689	rVB4	654	640	0.04%	0.006%
26	6.118	692	694	696	rVV2	658	496	0.03%	0.005%
27	6.258	714	717	718	rBV3	497	519	0.03%	0.005%
28	6.319	726	727	728	rBV	923	537	0.03%	0.005%
29	6.460	748	750	752	rBV3	751	971	0.06%	0.009%
30	6.520	759	760	762	rVB2	639	453	0.03%	0.004%
31	6.594	770	772	773	rBV2	757	622	0.04%	0.006%
32	6.655	781	782	785	rVB2	865	646	0.04%	0.006%
33	6.691	787	788	790	rBV2	791	743	0.04%	0.007%
34	6.740	794	796	798	rBV3	988	612	0.04%	0.006%
35	6.770	798	801	806	rVB6	889	1520	0.09%	0.015%
36	6.807	806	807	809	rBV2	700	722	0.04%	0.007%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Title : SFAM01.0

37	6.978	832	835	836	rBV3	934	677	0.04%	0.007%
38	7.075	844	851	858	rBV	34009	102915	6.00%	0.994%
39	7.319	888	891	893	rBV3	808	912	0.05%	0.009%
40	7.490	917	919	922	rVB4	889	902	0.05%	0.009%
41	7.520	922	924	926	rBV2	558	603	0.04%	0.006%
42	7.648	935	945	958	rVB	307293	758899	44.25%	7.332%
43	8.051	1009	1011	1013	rBV4	771	730	0.04%	0.007%
44	8.167	1025	1030	1032	rBV5	825	1308	0.08%	0.013%
45	8.276	1037	1048	1063	rBV2	573518	1715058	100.00%	16.569%
46	8.557	1092	1094	1095	rBV	890	516	0.03%	0.005%
47	8.758	1125	1127	1128	rVB2	834	565	0.03%	0.005%
48	8.843	1130	1141	1153	rBV	551241	1080084	62.98%	10.435%
49	9.179	1193	1196	1197	rBV4	1093	1084	0.06%	0.010%
50	9.270	1202	1211	1223	rVV	413971	843251	49.17%	8.147%
51	9.520	1250	1252	1254	rBV3	584	565	0.03%	0.005%
52	9.825	1299	1302	1304	rBV3	728	1037	0.06%	0.010%
53	9.886	1307	1312	1315	rBV7	992	1567	0.09%	0.015%
54	9.947	1319	1322	1325	rVB5	553	652	0.04%	0.006%
55	9.977	1325	1327	1328	rBV2	755	762	0.04%	0.007%
56	10.032	1328	1336	1347	rBV	143791	262425	15.30%	2.535%
57	10.319	1374	1383	1399	rBV	726917	1299975	75.80%	12.559%
58	10.508	1410	1414	1415	rBV4	945	1337	0.08%	0.013%
59	10.575	1418	1425	1436	rVV	94731	165032	9.62%	1.594%
60	10.703	1441	1446	1452	rVB4	7728	14581	0.85%	0.141%
61	10.922	1476	1482	1492	rBV	97319	181413	10.58%	1.753%
62	11.453	1567	1569	1573	rVB5	1007	1084	0.06%	0.010%
63	11.489	1573	1575	1576	rBV2	893	786	0.05%	0.008%
64	11.507	1576	1578	1580	rVB3	777	564	0.03%	0.005%
65	11.538	1580	1583	1585	rBV3	727	822	0.05%	0.008%
66	11.629	1590	1598	1611	rVV	620910	1038995	60.58%	10.038%
67	12.160	1681	1685	1687	rBV5	1334	1984	0.12%	0.019%
68	12.251	1695	1700	1702	rBV5	938	1862	0.11%	0.018%
69	12.300	1706	1708	1709	rBV2	701	521	0.03%	0.005%
70	12.373	1718	1720	1721	rBV2	707	477	0.03%	0.005%
71	12.391	1721	1723	1727	rVB5	1020	1127	0.07%	0.011%
72	12.465	1728	1735	1743	rBV	35729	64335	3.75%	0.622%
73	12.599	1751	1757	1764	rBV2	9651	16650	0.97%	0.161%
74	12.690	1764	1772	1785	rBV	225332	377201	21.99%	3.644%
75	12.824	1792	1794	1796	rBV2	985	920	0.05%	0.009%
76	12.867	1799	1801	1803	rBV3	594	600	0.03%	0.006%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SFAM01.0

77	13.019	1822	1826	1831	rVB5	3844	6739	0.39%	0.065%
78	13.202	1854	1856	1858	rBV3	1865	2115	0.12%	0.020%
79	13.288	1867	1870	1873	rBV5	1116	1575	0.09%	0.015%
80	13.385	1884	1886	1887	rBV2	1054	784	0.05%	0.008%
81	13.464	1895	1899	1900	rBV3	944	1252	0.07%	0.012%
82	13.556	1907	1914	1926	rBV	337216	553268	32.26%	5.345%
83	13.751	1942	1946	1952	rBV8	1863	3076	0.18%	0.030%
84	13.848	1955	1962	1972	rVV	315502	511855	29.84%	4.945%
85	14.062	1993	1997	2006	rVB	12281	21155	1.23%	0.204%
86	14.464	2061	2063	2064	rBV2	562	486	0.03%	0.005%
87	14.543	2075	2076	2079	rVB3	698	490	0.03%	0.005%
88	14.574	2079	2081	2084	rBV3	453	471	0.03%	0.005%
89	14.720	2101	2105	2108	rVB6	2135	3049	0.18%	0.029%
90	14.751	2108	2110	2111	rBV2	815	635	0.04%	0.006%
91	14.879	2127	2131	2134	rBV6	681	1099	0.06%	0.011%
92	15.062	2158	2161	2163	rBV3	653	785	0.05%	0.008%
93	15.312	2201	2202	2205	rBV3	858	552	0.03%	0.005%
94	15.336	2205	2206	2209	rBV3	460	471	0.03%	0.005%
95	15.421	2218	2220	2226	rVB2	6279	9091	0.53%	0.088%
96	15.872	2292	2294	2299	rBV6	1033	1459	0.09%	0.014%
97	15.952	2305	2307	2310	rBV3	1065	1095	0.06%	0.011%
98	16.427	2384	2385	2387	rBV2	691	560	0.03%	0.005%
99	16.555	2404	2406	2409	rBV4	995	1088	0.06%	0.011%
100	16.775	2440	2442	2443	rBV2	752	467	0.03%	0.005%

Sum of corrected areas: 10351057

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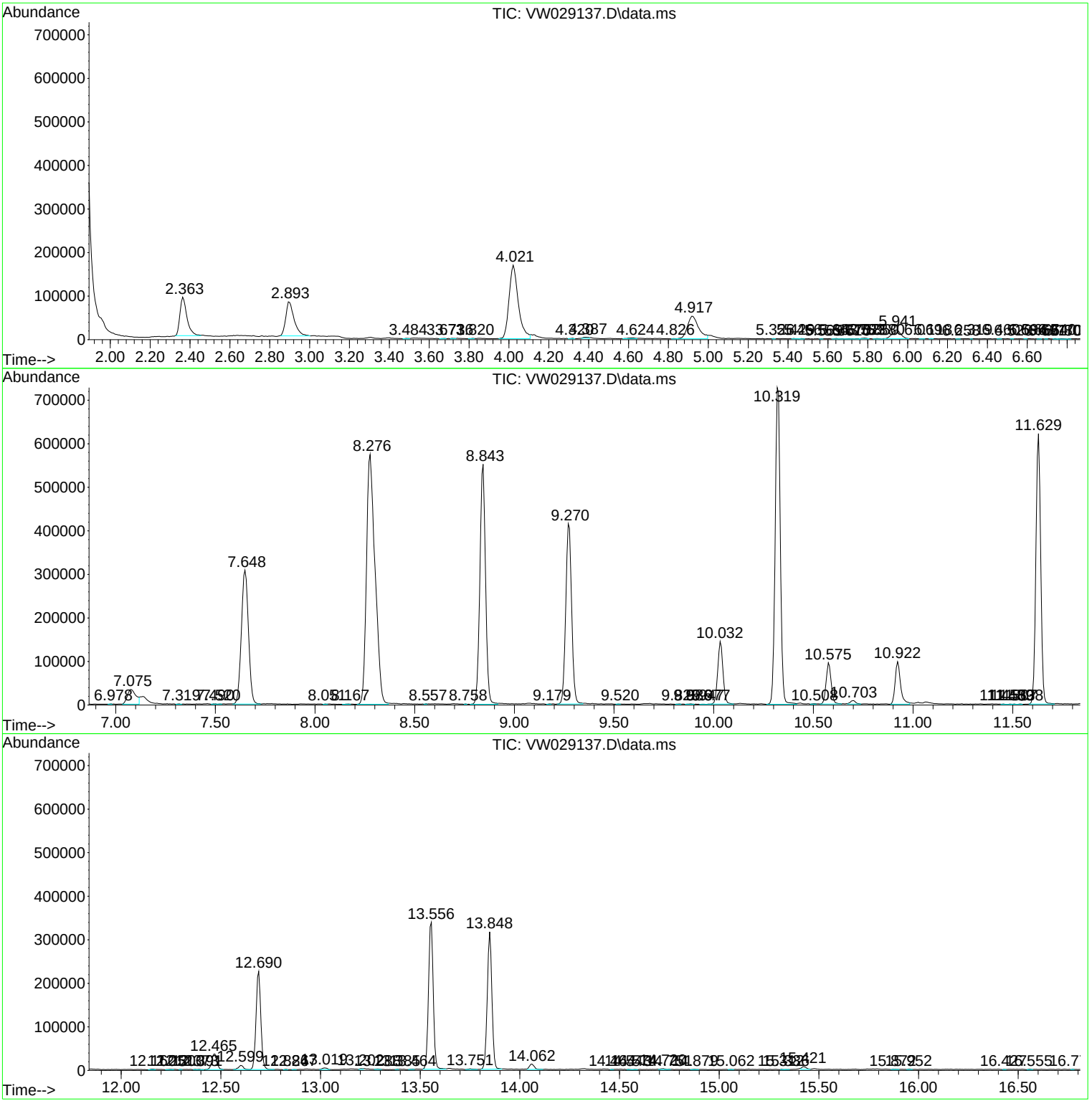
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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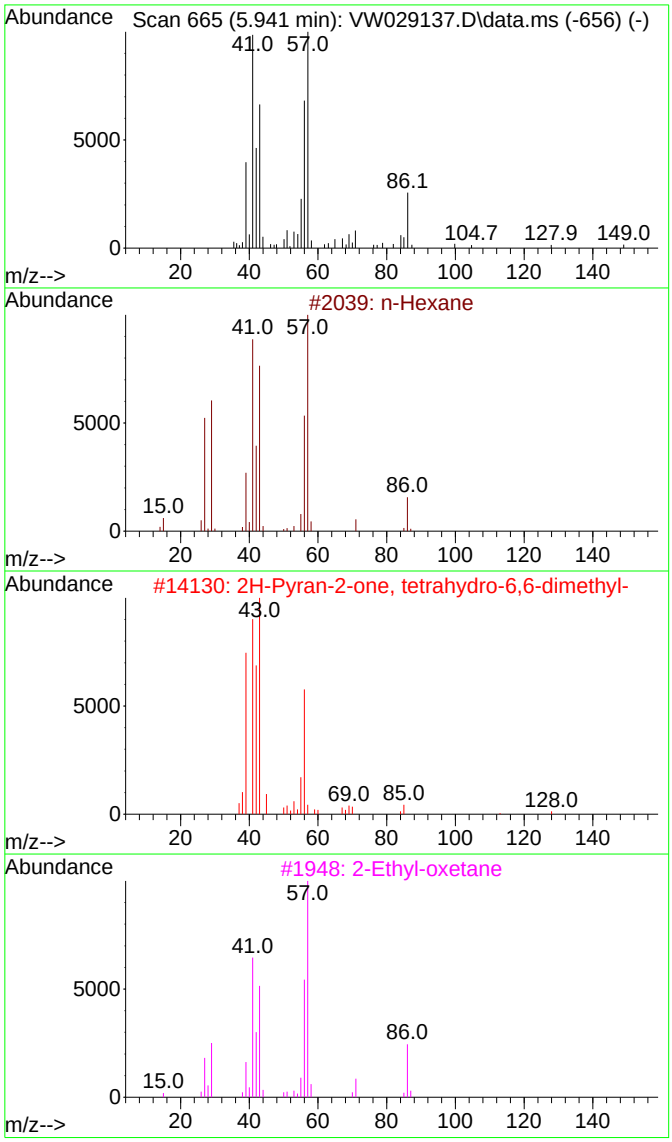
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0

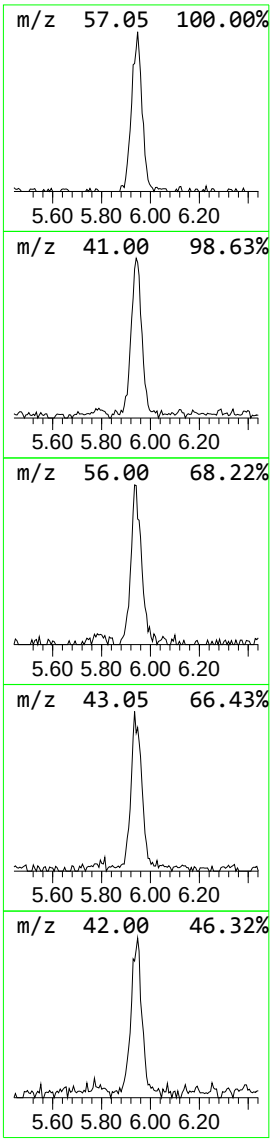
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	1.42 ug/L	61450	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	47
2	2H-Pyran-2-one, tetrahydro-6,6-d...	128	C7H12O2	002610-95-9	42
3	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	37
4	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	32
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	32





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0

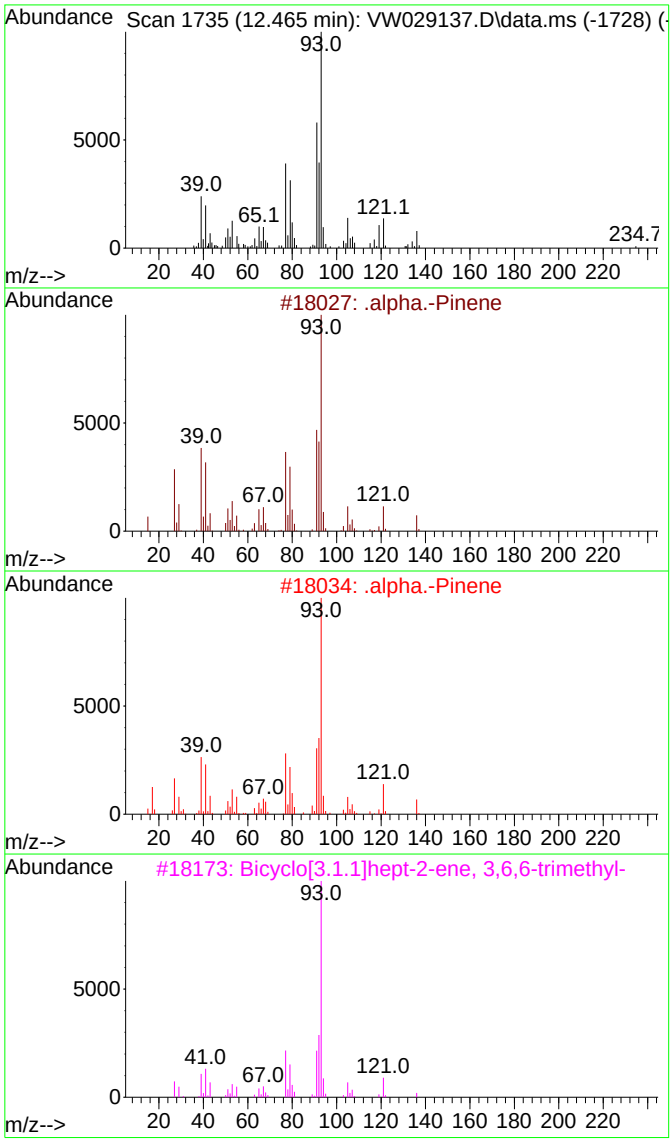
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

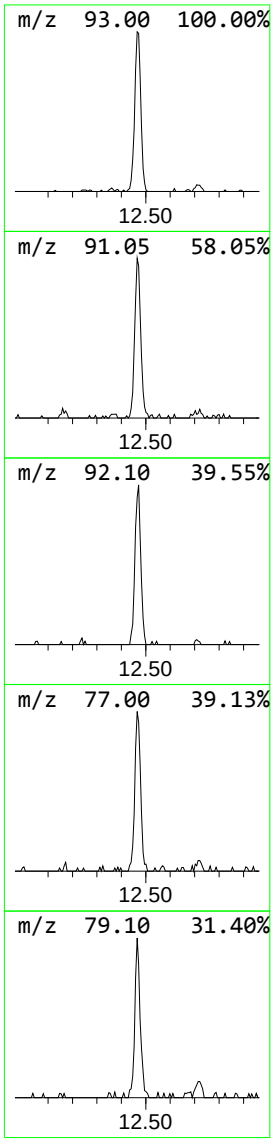
****

Peak Number 3 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	1.55 ug/L	64335	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	87





Tentatively Identified Compound (LSC) summary

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Quant Title : SFAM01.0

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	5.941	1.4	ug/L	61450	1	8.843	1080080	25.0
.alpha.-Pinene	12.464	1.6	ug/L	64335	2	11.629	1039000	25.0