LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062724\
Data File : VW029370.D
Acq On : 27 Jun 2024 10:21
Operator : SY/MD
Sample : P3080-12
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCL47

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\SFAMWLM061824SMA.M
Title : SFAM01.0

Signal : TIC: VW029370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.015	15	21	41	rVB	21640	63485	5.97%	0.326%
2	2.369	72	79	90	rBV2	78182	181913	17.10%	0.934%
3	2.930	159	171	187	rVB3	42915	190616	17.92%	0.979%
4	3.301	230	232	236	rVB5	671	883	0.08%	0.005%
5	3.356	236	241	242	rBV5	455	798	0.08%	0.004%
6	3.527	264	269	271	rBV6	752	1213	0.11%	0.006%
7	3.594	276	280	284	rVB6	398	694	0.07%	0.004%
8	3.649	284	289	290	rBV4	650	761	0.07%	0.004%
9	3.728	299	302	305	rBV5	534	648	0.06%	0.003%
10	4.033	338	352	360	rBV4	123754	452761	42.57%	2.326%
11	4.118	360	366	385	rVB	141412	393329	36.98%	2.021%
12	4.387	399	410	432	rVB	106923	344952	32.43%	1.772%
13	4.563	438	439	442	rBV3	544	627	0.06%	0.003%
14	4.917	483	497	524	rBV	158489	580279	54.56%	2.981%
15	5.167	536	538	542	rVB5	552	761	0.07%	0.004%
16	5.429	566	581	593	rBV	167728	513105	48.24%	2.636%
17	5.569	603	604	607	rVB3	714	625	0.06%	0.003%
18	5.630	612	614	618	rVB4	632	640	0.06%	0.003%
19	5.838	644	648	649	rBV3	614	574	0.05%	0.003%
20	5.941	652	665	680	rVB3	15210	49677	4.67%	0.255%
21	6.216	695	710	723	rBV	55936	173595	16.32%	0.892%
22	6.453	745	749	750	rVV2	607	681	0.06%	0.003%
23	6.490	753	755	760	rBV4	371	618	0.06%	0.003%
24	6.825	805	810	813	rBV	448	602	0.06%	0.003%
25	6.941	824	829	830	rBV2	424	654	0.06%	0.003%
26	6.965	830	833	835	rBV4	685	843	0.08%	0.004%
27	7.075	842	851	856	rBV	27729	73874	6.95%	0.379%
28	7.167	857	866	883	rVB	225397	628840	59.12%	3.230%
29	7.514	910	923	935	rBV2	207804	533506	50.16%	2.741%
30	7.654	935	946	960	rVB3	172822	577438	54.29%	2.966%
31	7.874	969	982	1000	rVB	307328	807236	75.90%	4.147%
32	8.069	1002	1014	1027	rBV	115471	286836	26.97%	1.473%
33	8.276	1038	1048	1065	rBV2	290422	857881	80.66%	4.407%
34	8.508	1083	1086	1089	rVB5	553	787	0.07%	0.004%
35	8.624	1100	1105	1107	rBV5	708	1149	0.11%	0.006%
36	8.672	1107	1113	1119	rVB5	2634	6087	0.57%	0.031%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Title : SFAM01.0

37	8.837	1132	1140	1154	rBV	358294	713761	67.11%	3.667%
38	9.093	1172	1182	1193	rBV	374817	752397	70.74%	3.865%
39	9.270	1202	1211	1219	rBV	203672	416089	39.12%	2.137%
40	9.367	1219	1227	1235	rVV	229834	457263	42.99%	2.349%
41	9.441	1235	1239	1248	rVB2	6635	14713	1.38%	0.076%
42	9.642	1262	1272	1278	rBV	102191	201451	18.94%	1.035%
43	9.953	1320	1323	1327	rBV3	953	1192	0.11%	0.006%
44	10.032	1327	1336	1339	rBV	108669	199428	18.75%	1.024%
45	10.069	1339	1342	1349	rVV	108144	191894	18.04%	0.986%
46	10.142	1349	1354	1359	rVV2	13876	25463	2.39%	0.131%
47	10.209	1359	1365	1375	rVB	163519	292731	27.52%	1.504%
48	10.318	1376	1383	1391	rBV	397255	710242	66.78%	3.649%
49	10.605	1418	1430	1440	rBV2	175538	426589	40.11%	2.191%
50	10.703	1440	1446	1451	rVV	20354	36406	3.42%	0.187%
51	10.782	1451	1459	1465	rVV	99394	178411	16.77%	0.917%
52	10.861	1465	1472	1477	rVV	301799	521213	49.01%	2.677%
53	10.922	1477	1482	1485	rVV	103615	173427	16.31%	0.891%
54	10.965	1485	1489	1499	rVV	230094	382997	36.01%	1.967%
55	11.062	1501	1505	1509	rVV2	8496	14840	1.40%	0.076%
56	11.123	1509	1515	1522	rVB	80386	142951	13.44%	0.734%
57	11.233	1527	1533	1544	rVB	83286	147332	13.85%	0.757%
58	11.434	1564	1566	1571	rVB5	1496	1812	0.17%	0.009%
59	11.629	1590	1598	1606	rVV	497702	848789	79.80%	4.360%
60	11.727	1606	1614	1622	rVB	341332	587727	55.26%	3.019%
61	12.178	1680	1688	1699	rBV	476538	742968	69.85%	3.817%
62	12.349	1708	1716	1723	rVB	82647	141206	13.28%	0.725%
63	12.434	1726	1730	1732	rVB3	472	612	0.06%	0.003%
64	12.452	1732	1733	1736	rBV3	739	908	0.09%	0.005%
65	12.599	1752	1757	1763	rBV	13633	22495	2.12%	0.116%
66	12.708	1765	1775	1783	rBV2	241709	607029	57.07%	3.118%
67	12.867	1799	1801	1805	rVB3	507	577	0.05%	0.003%
68	12.928	1805	1811	1818	rBV8	4471	9639	0.91%	0.050%
69	13.098	1830	1839	1844	rBV4	3193	6433	0.60%	0.033%
70	13.245	1855	1863	1876	rBV	731517	1063590	100.00%	5.464%
71	13.355	1878	1881	1882	rBV3	646	603	0.06%	0.003%
72	13.495	1896	1904	1909	rVV	520764	854592	80.35%	4.390%
73	13.556	1909	1914	1925	rVV	531151	847768	79.71%	4.355%
74	13.647	1927	1929	1934	rVB6	1558	2078	0.20%	0.011%
75	13.720	1939	1941	1944	rVB4	690	691	0.06%	0.004%
76	13.763	1944	1948	1951	rBV6	668	904	0.08%	0.005%

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GCL47

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Title : SFAM01.0

77	13.848	1953	1962	1978	rBV	365949	585941	55.09%	3.010%
78	14.013	1983	1989	1991	rBV4	557	905	0.09%	0.005%
79	14.062	1991	1997	2008	rVB	9269	19483	1.83%	0.100%
80	14.324	2035	2040	2044	rVB6	1752	2788	0.26%	0.014%
81	14.409	2050	2054	2055	rBV2	524	554	0.05%	0.003%
82	14.476	2058	2065	2073	rBV	91139	153462	14.43%	0.788%
83	14.623	2086	2089	2095	rVV8	946	1889	0.18%	0.010%
84	14.690	2098	2100	2101	rVV	833	651	0.06%	0.003%
85	14.708	2101	2103	2109	rVV4	1467	2339	0.22%	0.012%
86	14.805	2116	2119	2122	rBV4	694	742	0.07%	0.004%
87	14.970	2144	2146	2149	rVV3	454	566	0.05%	0.003%
88	15.007	2149	2152	2154	rVV4	846	908	0.09%	0.005%
89	15.129	2169	2172	2174	rVV3	1087	1364	0.13%	0.007%
90	15.171	2177	2179	2183	rVV4	957	1183	0.11%	0.006%
91	15.360	2203	2210	2211	rVV5	985	2020	0.19%	0.010%
92	15.433	2215	2222	2225	rVV3	4247	7928	0.75%	0.041%
93	15.482	2225	2230	2233	rVV4	1628	2613	0.25%	0.013%
94	15.549	2233	2241	2252	rVV	109528	206182	19.39%	1.059%
95	15.622	2252	2253	2255	rVB2	1053	612	0.06%	0.003%
96	15.720	2267	2269	2272	rBV3	591	620	0.06%	0.003%
97	15.939	2303	2305	2308	rVB4	896	1008	0.09%	0.005%
98	15.976	2308	2311	2315	rBV4	899	1042	0.10%	0.005%
99	16.202	2346	2348	2350	rVV3	563	700	0.07%	0.004%
100	16.378	2373	2377	2379	rVB4	608	779	0.07%	0.004%

Sum of corrected areas: 19466458

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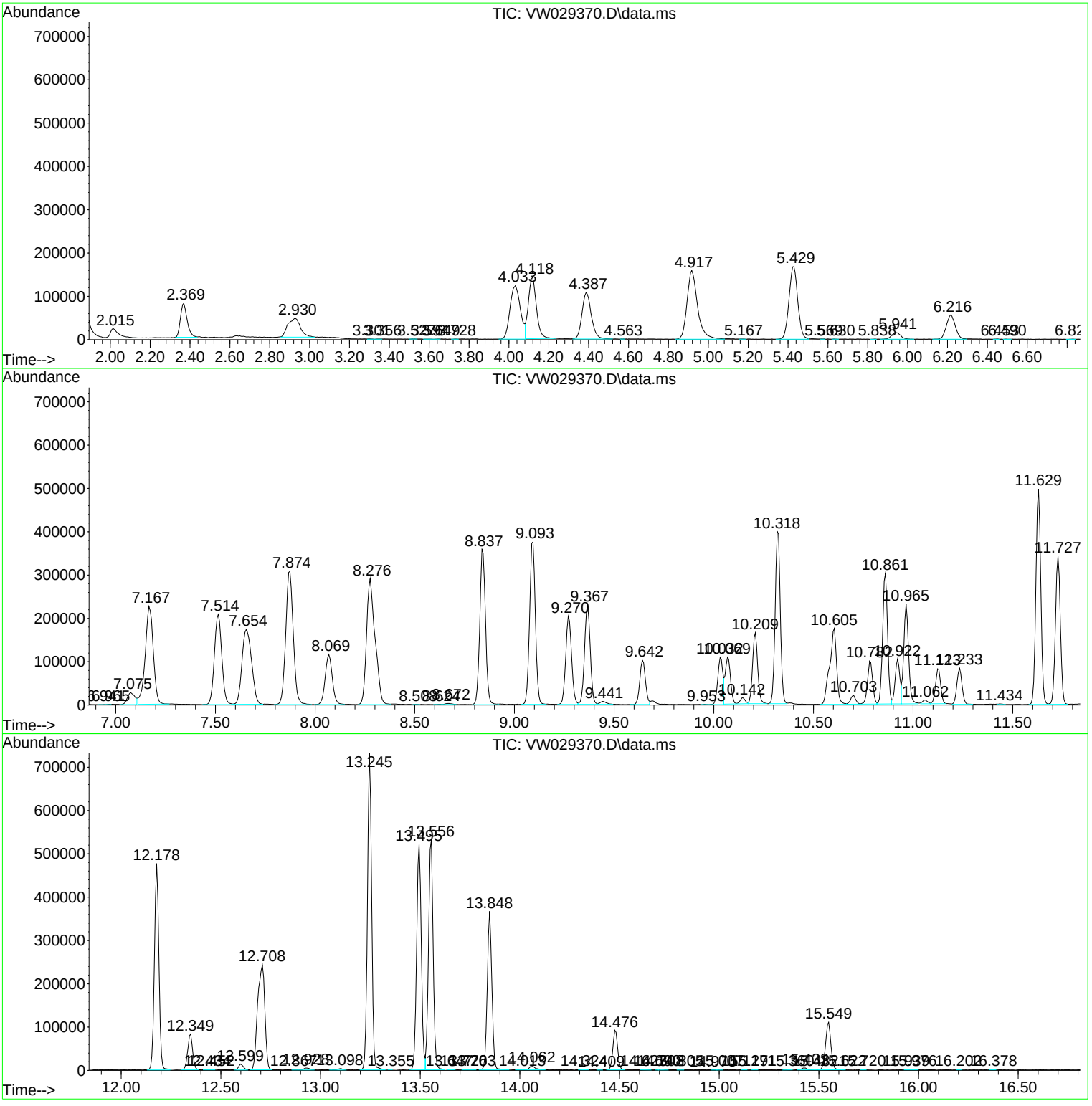
GCL47

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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



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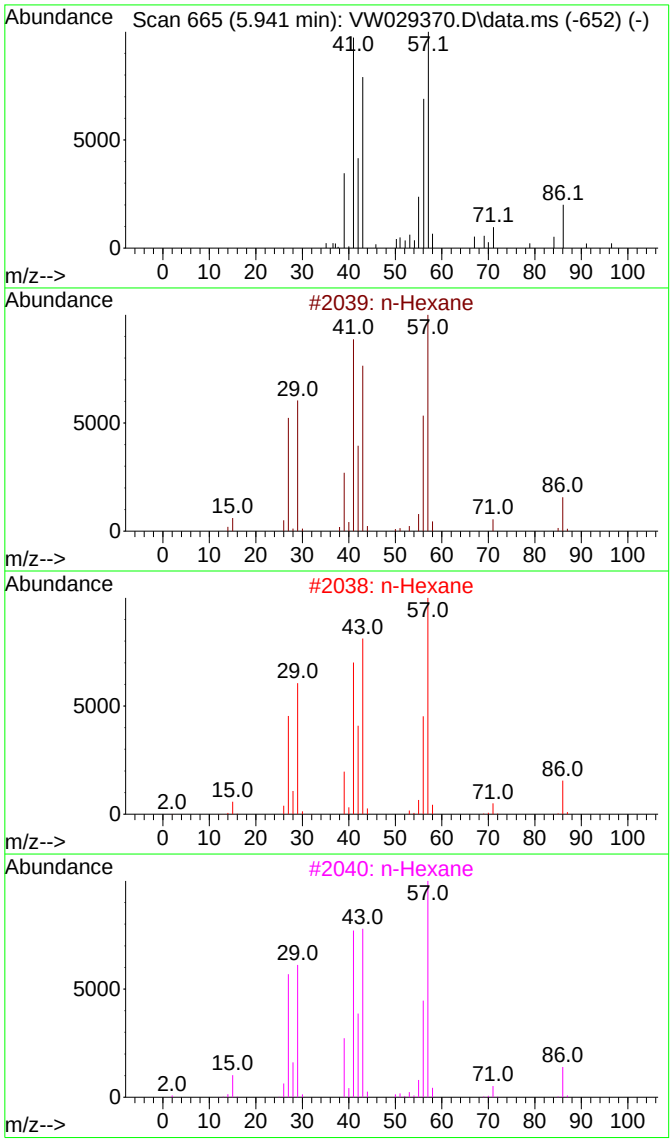
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

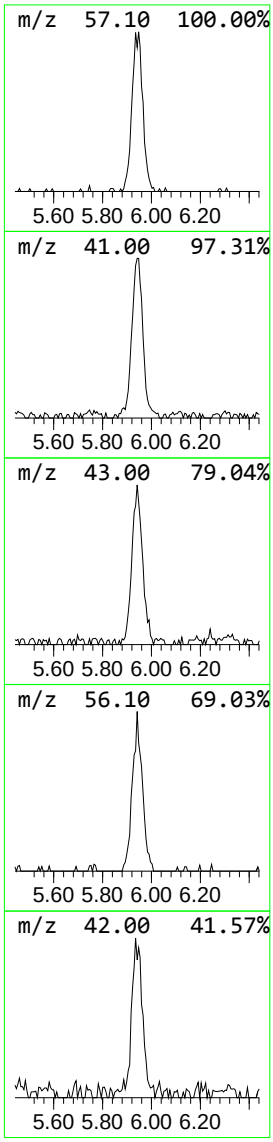
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	1.74 ug/L	49677	1,4-Difluorobenzene	8.837

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	90
3	n-Hexane	86	C6H14	000110-54-3	90
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
5	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40





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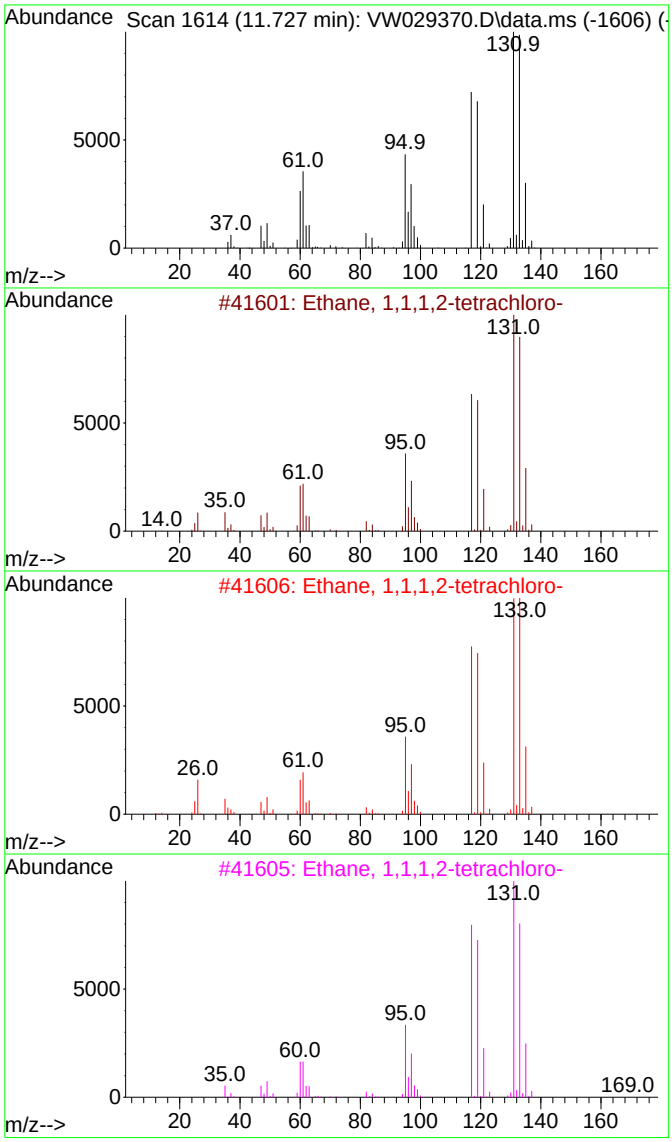
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

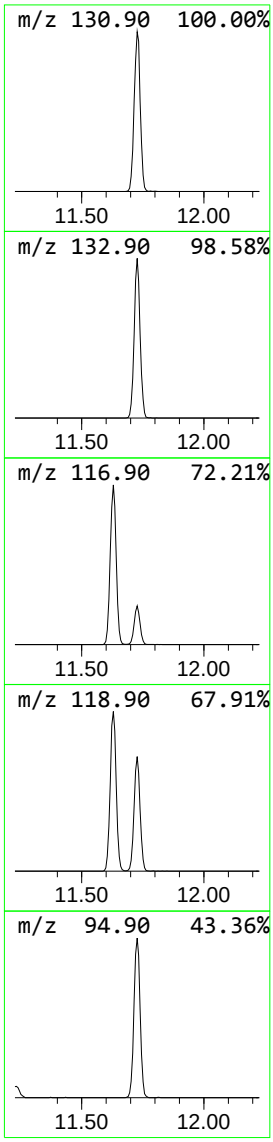
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	17.31 ug/L	587727	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	87
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	80
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	72
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	59
5	Carbon Tetrachloride	152	CCl4	000056-23-5	11





Tentatively Identified Compound (LSC) summary

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Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	5.941	1.7	ug/L	49677	1	8.837	713761	25.0
Ethane, 1,1,1,2...	11.727	17.3	ug/L	587727	2	11.629	848789	25.0