LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
Data File : VD076605.D
Acq On : 27 Jun 2023 20:56
Operator : KP/SY
Sample : 03422-20
Misc : 5.20G/10.0ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46L7

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_D\Method\SFAMDLM061523SMA.M
Title : SFAM01.0

Signal : TIC: VD076605.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	12	26	37	rBV	609991	1162883	100.00%	27.089%
2	2.105	86	88	89	rBV	1989	1244	0.11%	0.029%
3	2.269	110	116	122	rVB	57741	90687	7.80%	2.113%
4	2.793	200	205	214	rVB2	54520	98363	8.46%	2.291%
5	3.275	286	287	288	rBV2	1490	838	0.07%	0.020%
6	3.393	306	307	311	rVB	1443	1026	0.09%	0.024%
7	3.605	341	343	345	rVB	1195	893	0.08%	0.021%
8	3.910	386	395	406	rBV2	50758	133332	11.47%	3.106%
9	4.022	406	414	423	rBV	21200	59252	5.10%	1.380%
10	4.434	482	484	485	rBV	1422	1178	0.10%	0.027%
11	4.505	493	496	498	rVV	912	956	0.08%	0.022%
12	4.534	499	501	503	rVB2	1375	1167	0.10%	0.027%
13	4.552	503	504	508	rBV2	2289	2823	0.24%	0.066%
14	4.787	540	544	554	rBV5	4185	11534	0.99%	0.269%
15	4.934	567	569	572	rVB	1566	1395	0.12%	0.032%
16	4.969	572	575	576	rBV	1871	1454	0.13%	0.034%
17	5.222	616	618	620	rBV	1045	1034	0.09%	0.024%
18	5.293	628	630	633	rVB2	1441	1474	0.13%	0.034%
19	5.316	633	634	639	rBV2	1100	1668	0.14%	0.039%
20	5.563	674	676	679	rBV2	769	975	0.08%	0.023%
21	5.628	684	687	689	rVB2	784	938	0.08%	0.022%
22	5.752	706	708	711	rVB2	1205	997	0.09%	0.023%
23	5.822	718	720	723	rVV3	1767	2466	0.21%	0.057%
24	5.999	747	750	753	rBV2	1190	1305	0.11%	0.030%
25	6.087	761	765	766	rBV2	1088	1091	0.09%	0.025%
26	6.193	780	783	784	rBV2	1013	1210	0.10%	0.028%
27	6.222	787	788	791	rVB	1435	1044	0.09%	0.024%
28	6.257	791	794	797	rVB2	1376	1590	0.14%	0.037%
29	6.287	797	799	801	rBV2	1122	1091	0.09%	0.025%
30	6.528	837	840	842	rVB	1394	1171	0.10%	0.027%
31	6.551	842	844	845	rBV2	1727	937	0.08%	0.022%
32	6.681	863	866	867	rBV2	991	1044	0.09%	0.024%
33	6.828	890	891	894	rBV	1574	1267	0.11%	0.030%
34	6.887	896	901	902	rBV2	1533	1640	0.14%	0.038%
35	6.910	902	905	906	rVB	1450	1160	0.10%	0.027%
36	6.987	910	918	928	rBV3	16730	58429	5.02%	1.361%

LSC Area Percent Report

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Sample : 03422-20
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46L7

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_D\Method\SFAMDLM061523SMA.M
Title : SFAM01.0

37	7.569	1007	1017	1028	rVV2	78376	202271	17.39%	4.712%
38	7.640	1028	1029	1032	rVB	1556	1089	0.09%	0.025%
39	7.698	1036	1039	1043	rBV2	1153	1456	0.13%	0.034%
40	7.828	1058	1061	1063	rBV	1058	1303	0.11%	0.030%
41	7.875	1068	1069	1072	rVB	1303	994	0.09%	0.023%
42	7.898	1072	1073	1078	rBV2	1328	2122	0.18%	0.049%
43	8.075	1101	1103	1107	rBV2	775	882	0.08%	0.021%
44	8.204	1115	1125	1137	rBV5	139769	442221	38.03%	10.302%
45	8.398	1155	1158	1159	rVB2	1555	1553	0.13%	0.036%
46	8.428	1159	1163	1164	rBV	1135	851	0.07%	0.020%
47	8.457	1164	1168	1169	rBV2	1105	964	0.08%	0.022%
48	8.475	1169	1171	1175	rVB2	1429	1587	0.14%	0.037%
49	8.781	1213	1223	1232	rBV	178258	372362	32.02%	8.674%
50	9.069	1270	1272	1274	rVB	1545	965	0.08%	0.022%
51	9.098	1274	1277	1278	rBV	969	845	0.07%	0.020%
52	9.134	1281	1283	1285	rBV	889	992	0.09%	0.023%
53	9.210	1288	1296	1305	rVB3	107847	229857	19.77%	5.355%
54	9.287	1305	1309	1313	rBV	1469	2887	0.25%	0.067%
55	9.569	1354	1357	1358	rBV	1433	1306	0.11%	0.030%
56	9.587	1358	1360	1363	rVV2	1654	2190	0.19%	0.051%
57	9.651	1367	1371	1373	rVB2	998	1121	0.10%	0.026%
58	9.698	1378	1379	1382	rVB2	1871	1255	0.11%	0.029%
59	9.740	1382	1386	1388	rBV	1139	1382	0.12%	0.032%
60	9.845	1402	1404	1406	rBV2	916	940	0.08%	0.022%
61	9.892	1409	1412	1413	rBV	1042	948	0.08%	0.022%
62	9.981	1421	1427	1434	rVV	46725	86332	7.42%	2.011%
63	10.269	1468	1476	1486	rBV	156509	281737	24.23%	6.563%
64	10.369	1490	1493	1496	rBV	1349	1611	0.14%	0.038%
65	10.528	1513	1520	1525	rBV2	28475	53601	4.61%	1.249%
66	10.669	1539	1544	1549	rVB3	3666	6756	0.58%	0.157%
67	10.704	1549	1550	1552	rBV2	1603	1163	0.10%	0.027%
68	10.881	1574	1580	1592	rBV3	61379	124575	10.71%	2.902%
69	11.269	1644	1646	1648	rVB	1158	890	0.08%	0.021%
70	11.357	1659	1661	1662	rVV	1450	886	0.08%	0.021%
71	11.581	1693	1699	1709	rVB	176211	304002	26.14%	7.082%
72	11.675	1712	1715	1722	rVV4	1894	3594	0.31%	0.084%
73	12.051	1777	1779	1782	rBV2	1651	1576	0.14%	0.037%
74	12.151	1793	1796	1797	rBV	851	1012	0.09%	0.024%
75	12.469	1848	1850	1851	rVV2	1419	915	0.08%	0.021%
76	12.534	1859	1861	1863	rVB	1590	1092	0.09%	0.025%

LSC Area Percent Report

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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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_D\Method\SFAMDLM061523SMA.M
Title : SFAM01.0

77	12.651	1875	1881	1888	rVB2	74291	125021	10.75%	2.912%
78	12.781	1900	1903	1908	rBV2	2281	3712	0.32%	0.086%
79	12.869	1916	1918	1919	rBV2	2431	1796	0.15%	0.042%
80	12.933	1924	1929	1936	rVV	54697	88167	7.58%	2.054%
81	12.992	1937	1939	1944	rVB3	1982	3105	0.27%	0.072%
82	13.204	1974	1975	1978	rBV	1160	1237	0.11%	0.029%
83	13.263	1983	1985	1987	rBV2	2019	1754	0.15%	0.041%
84	13.333	1994	1997	2001	rBV2	6221	9495	0.82%	0.221%
85	13.410	2008	2010	2013	rBV	1852	1946	0.17%	0.045%
86	13.516	2022	2028	2034	rBV	85106	139597	12.00%	3.252%
87	13.675	2054	2055	2058	rVB2	1655	1220	0.10%	0.028%
88	13.733	2064	2065	2068	rVB3	2557	2245	0.19%	0.052%
89	13.816	2073	2079	2087	rVB	56208	97390	8.37%	2.269%
90	13.875	2087	2089	2090	rBV	1199	1182	0.10%	0.028%
91	14.045	2115	2118	2121	rBV4	4439	6375	0.55%	0.149%
92	14.157	2136	2137	2140	rBV2	1069	1012	0.09%	0.024%
93	14.551	2201	2204	2206	rBV2	1191	1487	0.13%	0.035%
94	14.792	2243	2245	2246	rBV2	2751	1252	0.11%	0.029%
95	15.239	2319	2321	2324	rBV	1799	1536	0.13%	0.036%
96	15.886	2427	2431	2432	rBV3	1938	2209	0.19%	0.051%
97	16.098	2466	2467	2470	rVB	2364	1414	0.12%	0.033%
98	16.127	2470	2472	2473	rBV2	2031	1017	0.09%	0.024%
99	16.239	2490	2491	2492	rBV	2444	1117	0.10%	0.026%
100	16.274	2495	2497	2500	rVV4	2181	1821	0.16%	0.042%

Sum of corrected areas: 4292748

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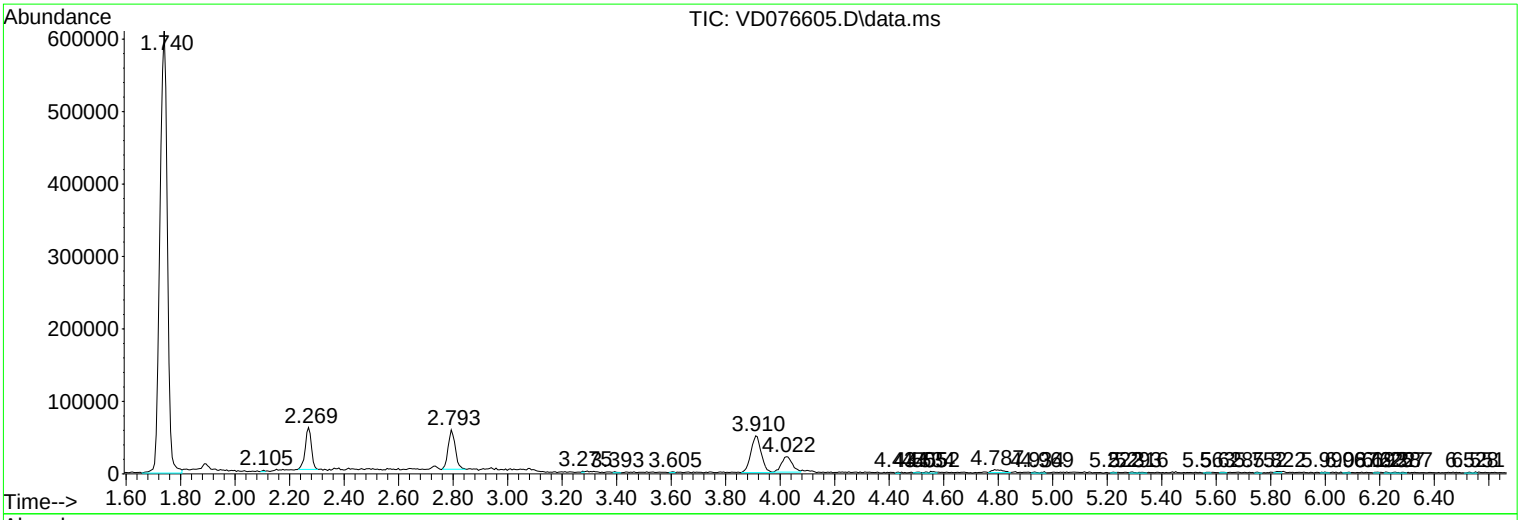
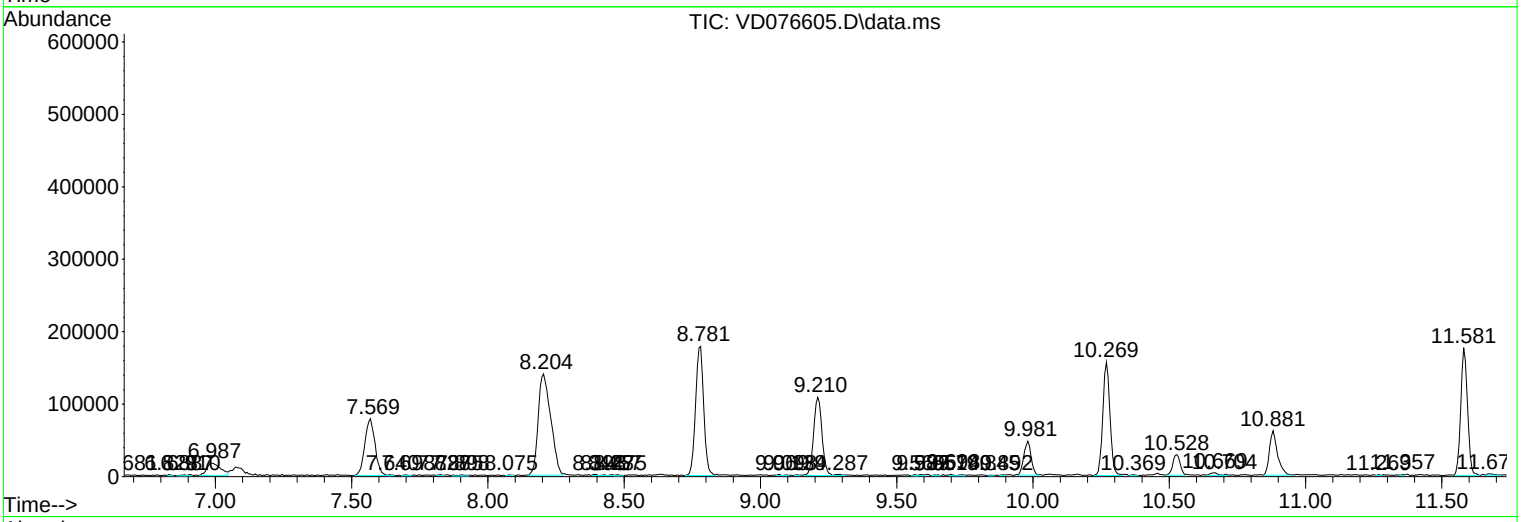
ALS Vial : 19 Sample Multiplier: 1

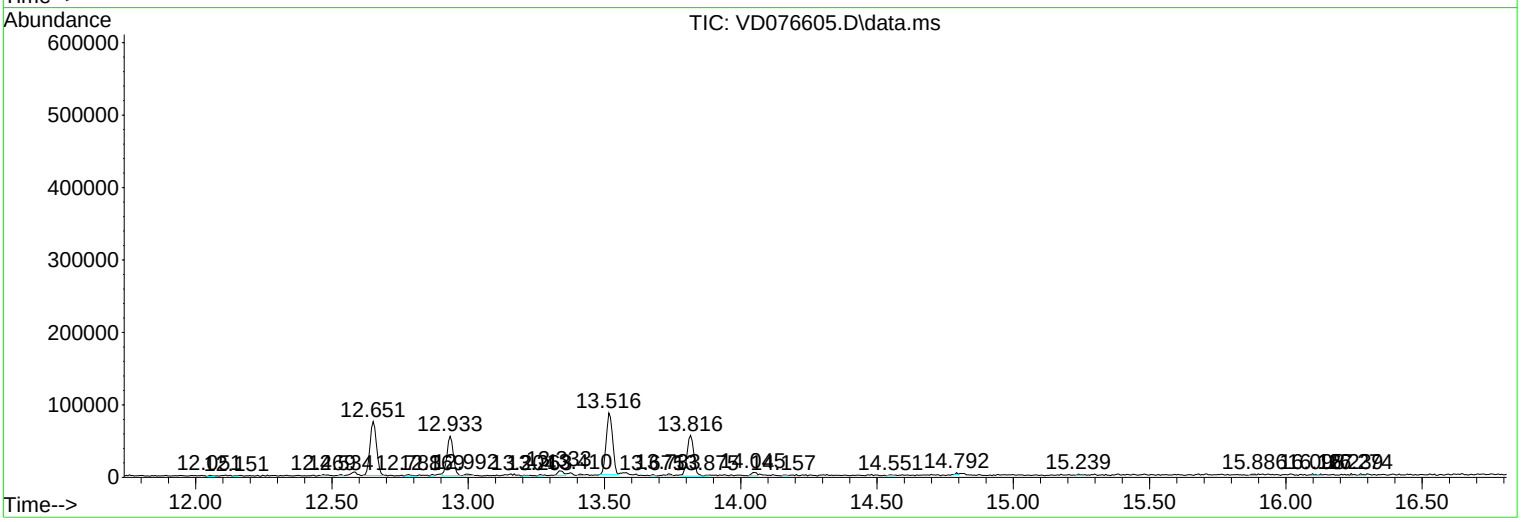
Instrument :
MSVOA_D
ClientSampleId :
A46L7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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







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Instrument :
MSVOA_D
ClientSampleId :
A46L7

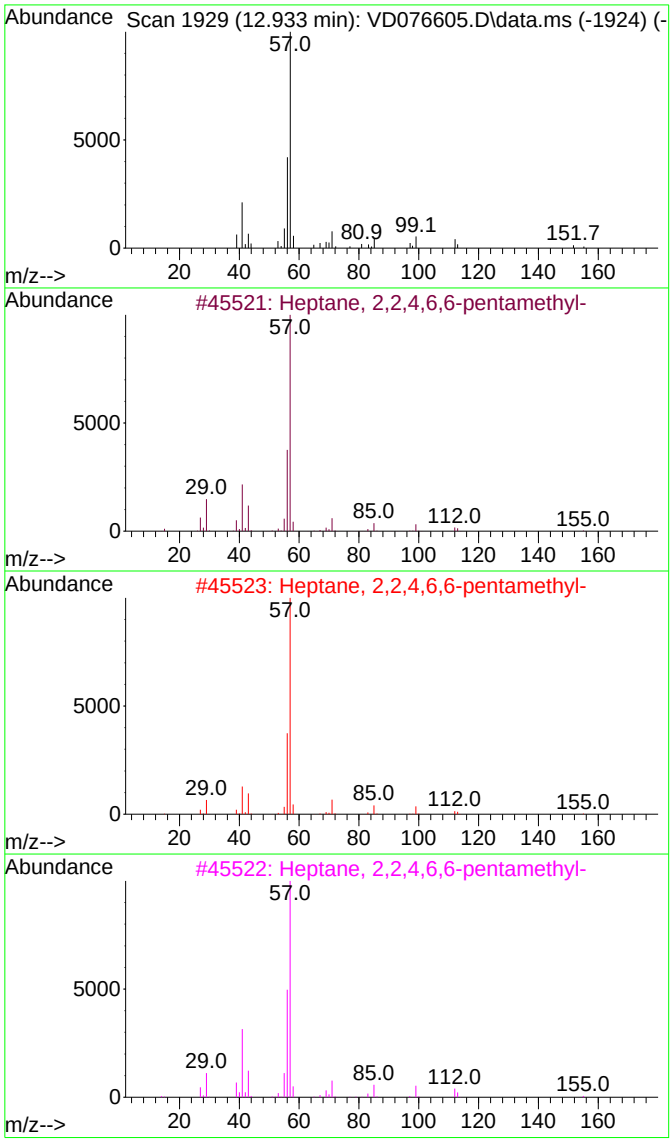
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

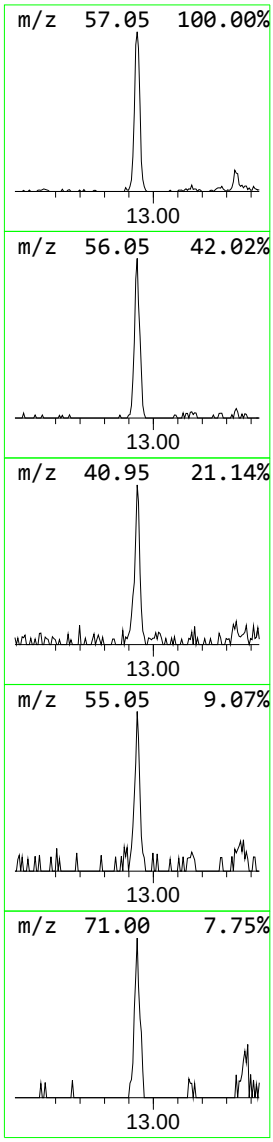
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	15.79 ug/L	88167	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
3	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
5	Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	64





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Instrument :
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ClientSampleId :
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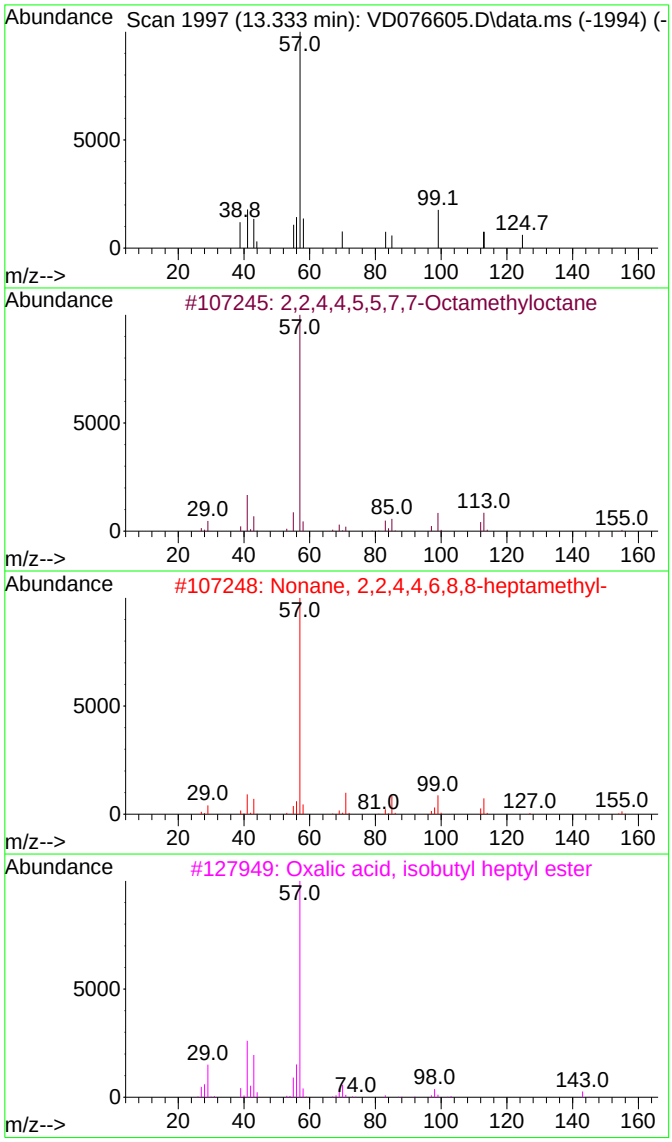
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

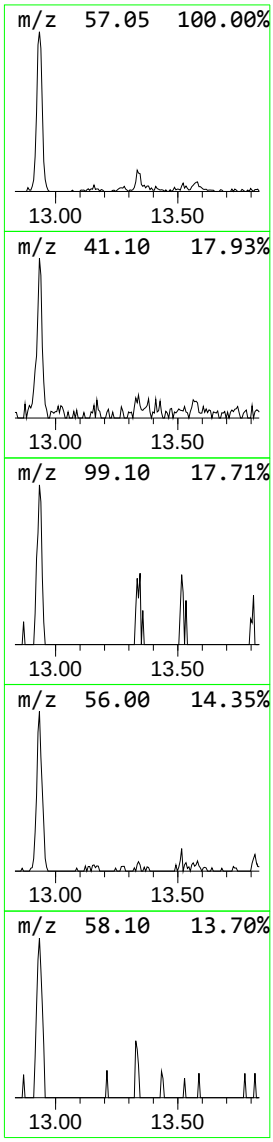
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.334	1.70 ug/L	9495	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4,4,5,5,7,7-Octamethyloctane	226	C16H34	005171-85-7	36
2	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	25
3	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	25
4	Caprolactam	113	C6H11NO	000105-60-2	12
5	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	9





Tentatively Identified Compound (LSC) summary

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Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
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...	12.934	15.8	ug/L	88167	3	13.516	139597	25.0
(DEL) Alkane: S...	13.334	1.7	ug/L	9495	3	13.516	139597	25.0