

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023202.D
 Acq On : 20 May 2022 16:34
 Operator : SY/VA
 Sample : N2925-08
 Misc : 4.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXXY5

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\SFAMWLM050222SMA.M
 Title : SFAM01.0

Signal : TIC: VW023202.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	36	42	50	rBV	77866	173454	11.02%	1.617%
2	2.349	68	73	82	rBV	164155	273467	17.37%	2.550%
3	2.885	155	161	175	rVB	94392	210541	13.37%	1.963%
4	3.403	245	246	250	rVB4	2028	1595	0.10%	0.015%
5	3.434	250	251	253	rBV2	887	552	0.04%	0.005%
6	3.562	270	272	275	rBV4	784	690	0.04%	0.006%
7	3.690	291	293	295	rBV3	985	933	0.06%	0.009%
8	4.019	335	347	362	rBV	157333	482289	30.63%	4.497%
9	4.281	388	390	393	rVB3	1256	1005	0.06%	0.009%
10	4.348	399	401	402	rBV	735	506	0.03%	0.005%
11	4.367	402	404	405	rBV2	901	555	0.04%	0.005%
12	4.513	427	428	431	rBV3	1150	1123	0.07%	0.010%
13	4.562	434	436	439	rBV2	660	725	0.05%	0.007%
14	4.745	464	466	467	rBV2	556	502	0.03%	0.005%
15	4.775	470	471	473	rBV2	990	796	0.05%	0.007%
16	4.799	473	475	479	rVV5	613	609	0.04%	0.006%
17	5.092	521	523	525	rBV3	1096	860	0.05%	0.008%
18	5.251	547	549	550	rBV	1227	870	0.06%	0.008%
19	5.415	574	576	577	rBV2	621	514	0.03%	0.005%
20	5.519	592	593	595	rBV2	776	476	0.03%	0.004%
21	5.677	617	619	622	rVB5	908	903	0.06%	0.008%
22	5.757	630	632	633	rVV2	919	565	0.04%	0.005%
23	5.836	644	645	649	rVB4	892	835	0.05%	0.008%
24	5.921	649	659	660	rBV7	3314	6298	0.40%	0.059%
25	6.061	680	682	685	rBV4	925	1390	0.09%	0.013%
26	6.177	698	701	704	rBV5	1264	1738	0.11%	0.016%
27	6.232	708	710	712	rBV3	1027	858	0.05%	0.008%
28	6.275	712	717	721	rBV6	954	2466	0.16%	0.023%
29	6.403	736	738	741	rBV4	880	1019	0.06%	0.010%
30	6.549	760	762	765	rVV4	781	885	0.06%	0.008%
31	6.592	765	769	772	rVV4	1243	1558	0.10%	0.015%
32	6.848	810	811	813	rBV2	657	516	0.03%	0.005%
33	6.939	824	826	829	rBV4	783	902	0.06%	0.008%
34	7.006	833	837	838	rVB4	706	608	0.04%	0.006%
35	7.080	840	849	858	rBV	41962	125877	7.99%	1.174%
36	7.427	903	906	911	rBV7	1400	2311	0.15%	0.022%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023202.D
 Acq On : 20 May 2022 16:34
 Operator : SY/VA
 Sample : N2925-08
 Misc : 4.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXXY5

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\SFAMWLM050222SMA.M
 Title : SFAM01.0

37	7.464	911	912	914	rBV2	922	519	0.03%	0.005%
38	7.537	916	924	925	rBV4	4094	7870	0.50%	0.073%
39	7.665	933	945	958	rBV3	196185	682115	43.32%	6.360%
40	8.146	1021	1024	1025	rBV3	1330	1174	0.07%	0.011%
41	8.274	1036	1045	1062	rBV2	535354	1574605	100.00%	14.682%
42	8.744	1121	1122	1125	rBV2	649	542	0.03%	0.005%
43	8.841	1129	1138	1147	rBV	467559	949123	60.28%	8.850%
44	9.079	1165	1177	1188	rBV	274242	563201	35.77%	5.251%
45	9.177	1192	1193	1196	rVB3	1061	1013	0.06%	0.009%
46	9.274	1201	1209	1218	rBV	366863	738994	46.93%	6.890%
47	9.506	1245	1247	1248	rBV2	601	500	0.03%	0.005%
48	9.603	1258	1263	1267	rBV7	1076	2420	0.15%	0.023%
49	9.786	1292	1293	1296	rBV2	587	709	0.05%	0.007%
50	9.817	1296	1298	1300	rBV3	872	865	0.05%	0.008%
51	9.921	1314	1315	1319	rBV4	970	1358	0.09%	0.013%
52	10.036	1326	1334	1346	rBV	162028	303112	19.25%	2.826%
53	10.201	1360	1361	1363	rBV2	996	647	0.04%	0.006%
54	10.244	1366	1368	1372	rVB5	1192	1581	0.10%	0.015%
55	10.323	1372	1381	1388	rBV	728717	1270952	80.72%	11.850%
56	10.579	1416	1423	1434	rVB	99335	172099	10.93%	1.605%
57	10.847	1465	1467	1468	rBV2	1919	1375	0.09%	0.013%
58	10.926	1473	1480	1492	rBV2	167603	303899	19.30%	2.834%
59	11.341	1546	1548	1551	rVB2	846	691	0.04%	0.006%
60	11.518	1575	1577	1580	rVB4	726	673	0.04%	0.006%
61	11.628	1587	1595	1604	rBV	620521	1078702	68.51%	10.058%
62	11.725	1608	1611	1613	rVB4	2044	2464	0.16%	0.023%
63	11.835	1624	1629	1637	rBV7	3138	5628	0.36%	0.052%
64	11.981	1652	1653	1655	rBV2	898	571	0.04%	0.005%
65	12.024	1657	1660	1664	rVV4	948	1571	0.10%	0.015%
66	12.164	1680	1683	1685	rBV4	1936	2229	0.14%	0.021%
67	12.414	1722	1724	1726	rBV2	920	903	0.06%	0.008%
68	12.518	1739	1741	1742	rBV2	1066	727	0.05%	0.007%
69	12.609	1749	1756	1763	rBV5	6605	14116	0.90%	0.132%
70	12.688	1763	1769	1778	rVV	62501	105661	6.71%	0.985%
71	12.810	1787	1789	1792	rVB3	1636	1109	0.07%	0.010%
72	12.847	1792	1795	1796	rBV2	848	960	0.06%	0.009%
73	12.932	1804	1809	1811	rBV5	1901	3282	0.21%	0.031%
74	13.018	1820	1823	1827	rBV4	1008	1655	0.11%	0.015%
75	13.054	1827	1829	1831	rBV2	615	479	0.03%	0.004%
76	13.078	1831	1833	1835	rVB2	1139	609	0.04%	0.006%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023202.D
 Acq On : 20 May 2022 16:34
 Operator : SY/VA
 Sample : N2925-08
 Misc : 4.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXXY5

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\SFAMWLM050222SMA.M
 Title : SFAM01.0

77	13.097	1835	1836	1838	rVB2	845	524	0.03%	0.005%
78	13.115	1838	1839	1840	rBV	1447	760	0.05%	0.007%
79	13.158	1844	1846	1847	rBV2	926	564	0.04%	0.005%
80	13.341	1874	1876	1879	rBV4	611	696	0.04%	0.006%
81	13.377	1881	1882	1883	rBV	851	575	0.04%	0.005%
82	13.456	1892	1895	1896	rBV3	771	753	0.05%	0.007%
83	13.554	1904	1911	1921	rBV	476410	776326	49.30%	7.238%
84	13.853	1952	1960	1972	rBV	499863	825226	52.41%	7.694%
85	14.261	2025	2027	2030	rBV4	1735	1343	0.09%	0.013%
86	14.328	2035	2038	2043	rVB7	2810	4593	0.29%	0.043%
87	14.414	2051	2052	2055	rVB2	966	780	0.05%	0.007%
88	14.438	2055	2056	2057	rBV	811	500	0.03%	0.005%
89	14.554	2073	2075	2078	rBV3	804	814	0.05%	0.008%
90	14.798	2114	2115	2116	rBV	1161	497	0.03%	0.005%
91	14.938	2136	2138	2139	rBV	1234	833	0.05%	0.008%
92	15.042	2153	2155	2157	rBV3	921	587	0.04%	0.005%
93	15.163	2173	2175	2177	rBV2	1017	1082	0.07%	0.010%
94	15.535	2234	2236	2238	rBV3	1042	1098	0.07%	0.010%
95	15.566	2238	2241	2244	rVV5	1423	1857	0.12%	0.017%
96	16.035	2314	2318	2319	rVB3	1525	1290	0.08%	0.012%
97	16.163	2337	2339	2341	rVB3	1290	616	0.04%	0.006%
98	16.346	2367	2369	2373	rVB3	1012	951	0.06%	0.009%
99	16.419	2379	2381	2383	rBV3	778	649	0.04%	0.006%
100	16.621	2412	2414	2415	rBV2	990	559	0.04%	0.005%

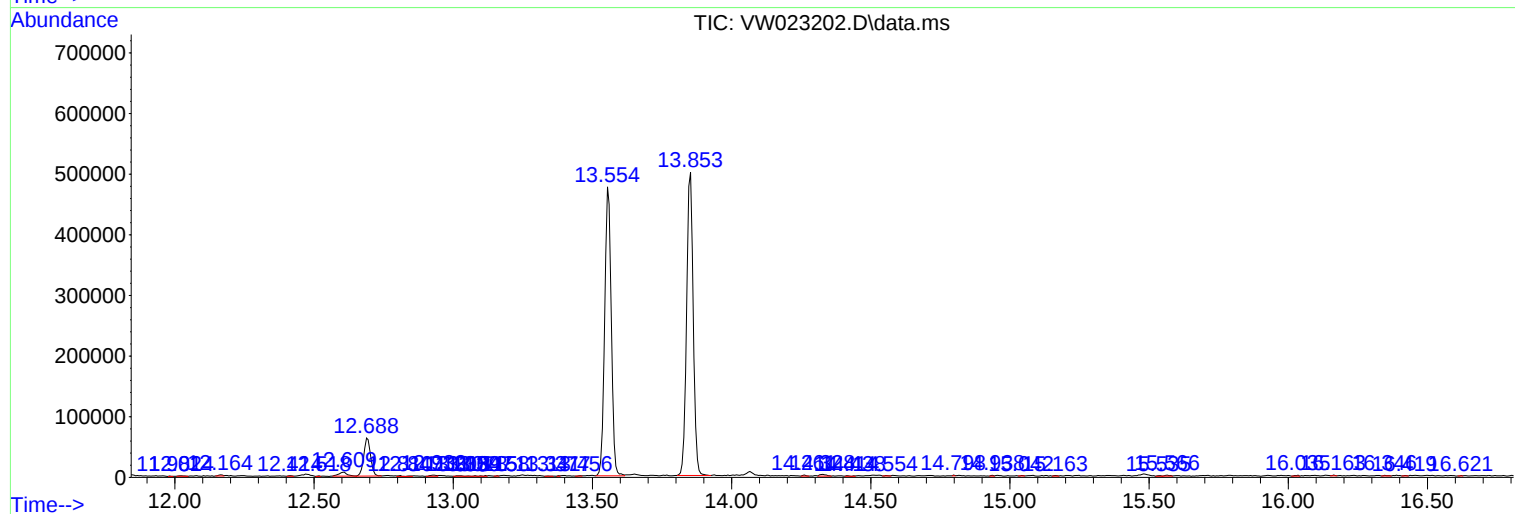
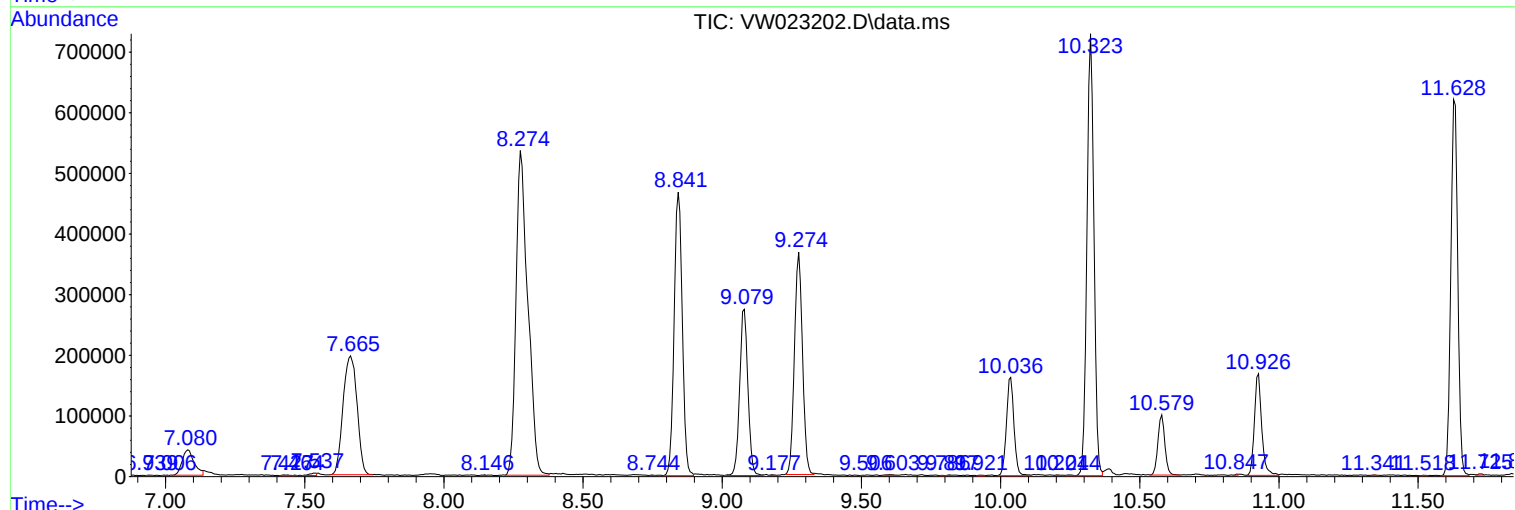
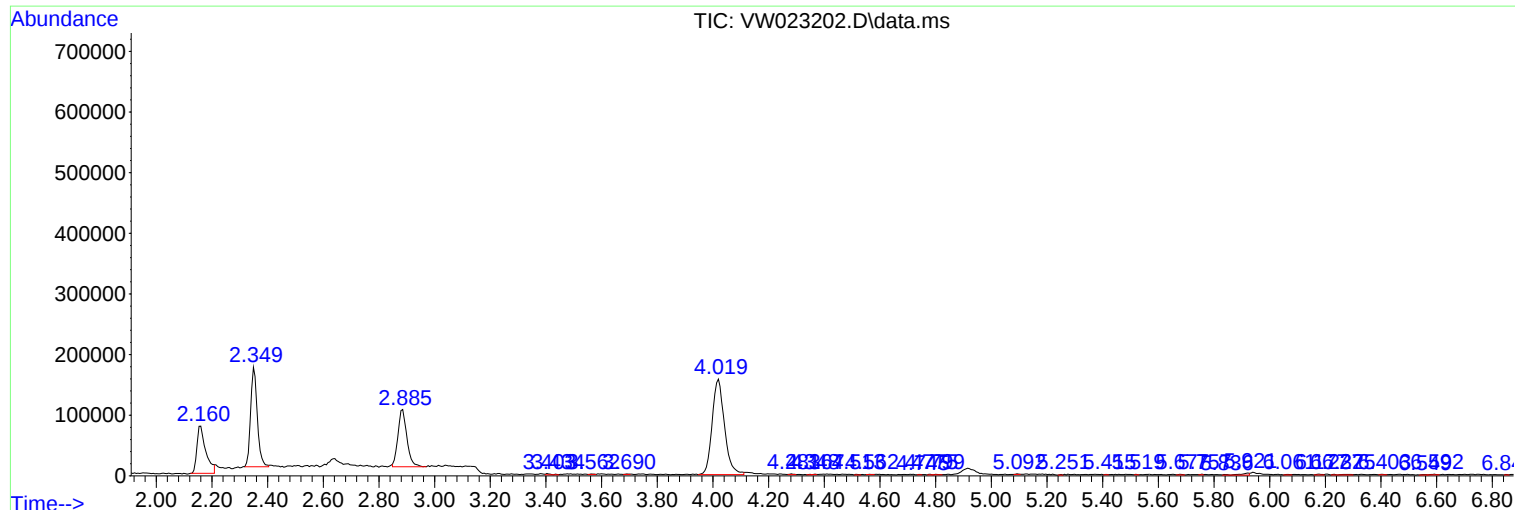
Sum of corrected areas: 10724967

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023202.D
Acq On : 20 May 2022 16:34
Operator : SY/VA
Sample : N2925-08
Misc : 4.97g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EXXY5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023202.D
Acq On : 20 May 2022 16:34
Operator : SY/VA
Sample : N2925-08
Misc : 4.97g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EXXY5

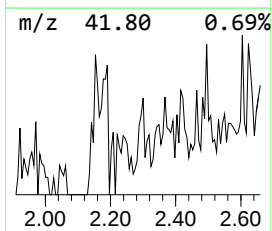
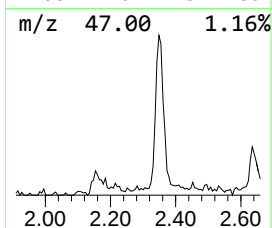
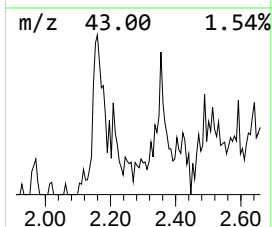
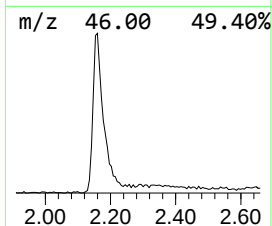
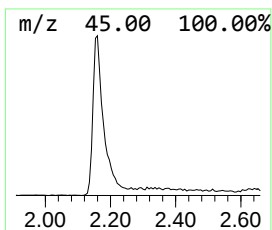
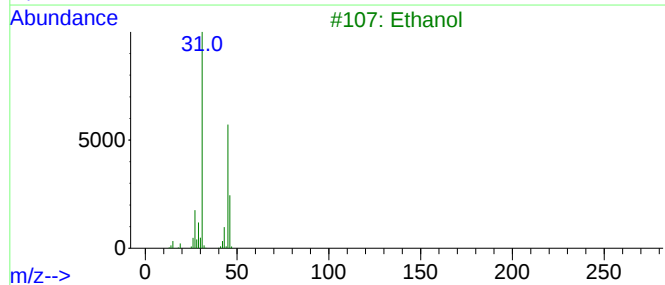
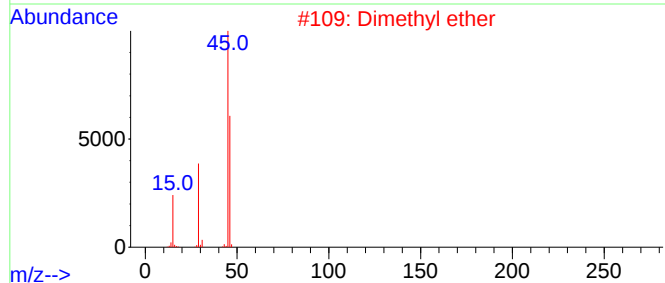
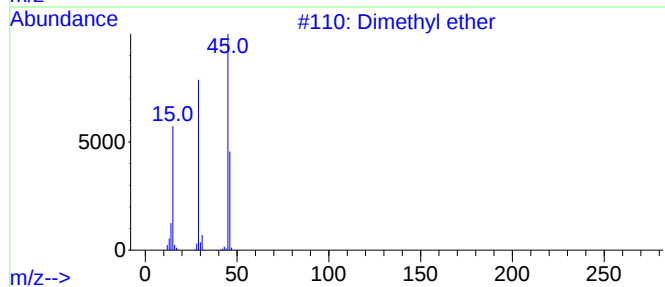
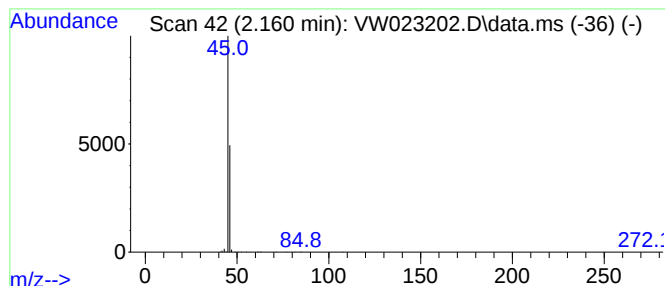
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.160	4.57 ug/L	173454	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl ether	46	C2H6O	000115-10-6	56
2			Dimethyl ether	46	C2H6O	000115-10-6	9
3			Ethanol	46	C2H6O	000064-17-5	7
4			Ethanol	46	C2H6O	000064-17-5	7
5			Formic acid	46	CH2O2	000064-18-6	5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023202.D
Acq On : 20 May 2022 16:34
Operator : SY/VA
Sample : N2925-08
Misc : 4.97g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EXXY5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl ether	2.160	4.6	ug/L	173454	1	8.841	949123	25.0