

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031623\
 Data File : VW025402.D
 Acq On : 16 Mar 2023 18:30
 Operator : SY/MD
 Sample : 01927-15
 Misc : 6.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCAR0

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\SFAMWLM030623SMA.M
 Title : SFAM01.0

Signal : TIC: VW025402.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	95	rVB	113935	303450	8.25%	1.241%
2	2.893	158	165	183	rBV	131464	382255	10.40%	1.563%
3	3.259	223	225	228	rVB4	1972	1658	0.05%	0.007%
4	3.283	228	229	232	rBV3	2285	2197	0.06%	0.009%
5	3.399	241	248	255	rVB3	11040	25860	0.70%	0.106%
6	3.728	300	302	306	rBV5	1547	2498	0.07%	0.010%
7	3.795	311	313	316	rVB4	1921	1671	0.05%	0.007%
8	3.875	323	326	327	rBV3	1905	2038	0.06%	0.008%
9	4.027	337	351	363	rBV	331513	1102922	30.00%	4.510%
10	4.399	403	412	421	rBV5	3685	13896	0.38%	0.057%
11	4.612	445	447	451	rVB5	1542	1812	0.05%	0.007%
12	4.667	453	456	459	rVB5	2116	2612	0.07%	0.011%
13	4.728	462	466	469	rVB6	1602	2661	0.07%	0.011%
14	4.765	469	472	475	rBV5	1541	2518	0.07%	0.010%
15	4.923	485	498	509	rBV3	29000	118175	3.21%	0.483%
16	5.063	519	521	525	rVB5	2097	2905	0.08%	0.012%
17	5.198	541	543	549	rVB7	1954	3282	0.09%	0.013%
18	5.326	563	564	567	rBV3	1514	1617	0.04%	0.007%
19	5.393	572	575	577	rBV4	2751	3224	0.09%	0.013%
20	5.441	580	583	588	rVB7	3430	5225	0.14%	0.021%
21	5.484	588	590	595	rVB6	1745	3024	0.08%	0.012%
22	5.533	595	598	599	rBV3	2463	2087	0.06%	0.009%
23	5.618	608	612	614	rVB5	1401	1974	0.05%	0.008%
24	5.752	631	634	635	rBV3	1702	1854	0.05%	0.008%
25	5.947	655	666	679	rBV3	21503	67983	1.85%	0.278%
26	6.142	696	698	703	rBV5	1255	2267	0.06%	0.009%
27	6.228	709	712	715	rBV5	1995	2266	0.06%	0.009%
28	6.295	719	723	726	rBV5	1464	2210	0.06%	0.009%
29	6.319	726	727	731	rVB4	1858	1664	0.05%	0.007%
30	6.874	814	818	819	rBV4	1478	1627	0.04%	0.007%
31	6.892	819	821	824	rVB3	1596	1737	0.05%	0.007%
32	6.972	828	834	835	rBV5	3959	6750	0.18%	0.028%
33	7.075	843	851	877	rVV	95427	315358	8.58%	1.290%
34	7.276	882	884	887	rBV4	1488	1616	0.04%	0.007%
35	7.441	908	911	914	rVV5	1584	1989	0.05%	0.008%
36	7.648	934	945	956	rVV	605680	1469846	39.98%	6.011%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031623\
 Data File : VW025402.D
 Acq On : 16 Mar 2023 18:30
 Operator : SY/MD
 Sample : 01927-15
 Misc : 6.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCAR0

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\SFAMWLM030623SMA.M
 Title : SFAM01.0

37	7.935	990	992	995	rBV4	1634	1817	0.05%	0.007%
38	8.154	1025	1028	1031	rBV5	2035	3271	0.09%	0.013%
39	8.276	1035	1048	1064	rBV2	1288213	3676469	100.00%	15.034%
40	8.520	1086	1088	1090	rVB3	2228	1877	0.05%	0.008%
41	8.544	1090	1092	1095	rBV4	2402	3034	0.08%	0.012%
42	8.618	1103	1104	1110	rVB6	2217	3144	0.09%	0.013%
43	8.691	1110	1116	1120	rBV8	4977	10710	0.29%	0.044%
44	8.843	1131	1141	1151	rBV	1206856	2362339	64.26%	9.660%
45	8.983	1161	1164	1168	rVB6	1962	2816	0.08%	0.012%
46	9.069	1172	1178	1182	rVV9	4213	8816	0.24%	0.036%
47	9.105	1182	1184	1187	rVB3	3023	3155	0.09%	0.013%
48	9.270	1202	1211	1221	rBV	846409	1732142	47.11%	7.083%
49	9.392	1229	1231	1233	rVB3	2802	2205	0.06%	0.009%
50	9.410	1233	1234	1237	rBV3	1776	1656	0.05%	0.007%
51	9.520	1251	1252	1257	rVB5	1705	1950	0.05%	0.008%
52	9.581	1257	1262	1265	rBV7	1769	3398	0.09%	0.014%
53	9.605	1265	1266	1271	rVB5	2438	3489	0.09%	0.014%
54	9.654	1271	1274	1275	rBV3	2923	3352	0.09%	0.014%
55	9.672	1275	1277	1280	rVB4	1760	1967	0.05%	0.008%
56	9.782	1293	1295	1298	rBV4	1515	1859	0.05%	0.008%
57	10.032	1327	1336	1348	rBV	412902	770371	20.95%	3.150%
58	10.319	1375	1383	1392	rBV	1671136	3007842	81.81%	12.300%
59	10.501	1408	1413	1419	rBV	27433	43943	1.20%	0.180%
60	10.575	1419	1425	1434	rBV	258981	446574	12.15%	1.826%
61	10.678	1440	1442	1443	rBV2	2221	1962	0.05%	0.008%
62	10.800	1460	1462	1466	rVB5	2653	2365	0.06%	0.010%
63	10.867	1468	1473	1476	rBV6	3539	6848	0.19%	0.028%
64	10.922	1476	1482	1496	rBV	347750	603475	16.41%	2.468%
65	11.068	1503	1506	1507	rBV3	2374	2790	0.08%	0.011%
66	11.629	1591	1598	1609	rVV	1539984	2530392	68.83%	10.348%
67	11.727	1612	1614	1621	rVB6	4550	7155	0.19%	0.029%
68	11.837	1624	1632	1635	rBV9	4695	11651	0.32%	0.048%
69	11.952	1649	1651	1655	rVB5	1409	1670	0.05%	0.007%
70	12.123	1677	1679	1680	rVV2	2245	1716	0.05%	0.007%
71	12.166	1683	1686	1693	rVB7	5044	10849	0.30%	0.044%
72	12.562	1726	1751	1754	rBV10	67309	359934	9.79%	1.472%
73	12.690	1766	1772	1780	rVB	551220	910945	24.78%	3.725%
74	12.916	1803	1809	1819	rVB3	43835	87282	2.37%	0.357%
75	13.044	1824	1830	1834	rBV8	7338	15159	0.41%	0.062%
76	13.214	1853	1858	1860	rBV6	4095	6926	0.19%	0.028%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031623\
 Data File : VW025402.D
 Acq On : 16 Mar 2023 18:30
 Operator : SY/MD
 Sample : 01927-15
 Misc : 6.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCAR0

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\SFAMWLM030623SMA.M
 Title : SFAM01.0

77	13.470	1895	1900	1902	rBV6	4929	7815	0.21%	0.032%
78	13.556	1907	1914	1921	rBV	1223645	1995244	54.27%	8.159%
79	13.848	1955	1962	1970	rBV	1091143	1782524	48.48%	7.289%
80	14.062	1991	1997	1998	rBV5	8814	12467	0.34%	0.051%
81	14.318	2036	2039	2044	rVB7	4426	6144	0.17%	0.025%
82	14.489	2060	2067	2082	rBV7	14122	50587	1.38%	0.207%
83	14.617	2082	2088	2091	rBV8	6120	8571	0.23%	0.035%
84	14.708	2097	2103	2110	rVB8	8736	22910	0.62%	0.094%
85	14.787	2113	2116	2117	rBV3	1447	1704	0.05%	0.007%
86	14.806	2117	2119	2121	rVV3	2831	2542	0.07%	0.010%
87	14.873	2125	2130	2135	rBV8	3388	8152	0.22%	0.033%
88	14.958	2142	2144	2146	rVB3	2428	1748	0.05%	0.007%
89	15.110	2166	2169	2170	rBV3	1346	1746	0.05%	0.007%
90	15.305	2198	2201	2204	rBV5	2054	3288	0.09%	0.013%
91	15.470	2223	2228	2229	rBV5	2101	3102	0.08%	0.013%
92	15.537	2235	2239	2241	rBV5	2896	3653	0.10%	0.015%
93	15.726	2268	2270	2272	rBV2	1941	2087	0.06%	0.009%
94	15.769	2274	2277	2279	rBV4	1285	1896	0.05%	0.008%
95	15.940	2303	2305	2306	rBV2	2055	1737	0.05%	0.007%
96	15.976	2309	2311	2313	rVV3	2360	2126	0.06%	0.009%
97	16.165	2338	2342	2343	rVB4	2108	2327	0.06%	0.010%
98	16.214	2348	2350	2351	rBV2	2308	1972	0.05%	0.008%
99	16.336	2369	2370	2373	rVB3	2123	1611	0.04%	0.007%
100	16.385	2376	2378	2379	rBV2	1975	1637	0.04%	0.007%

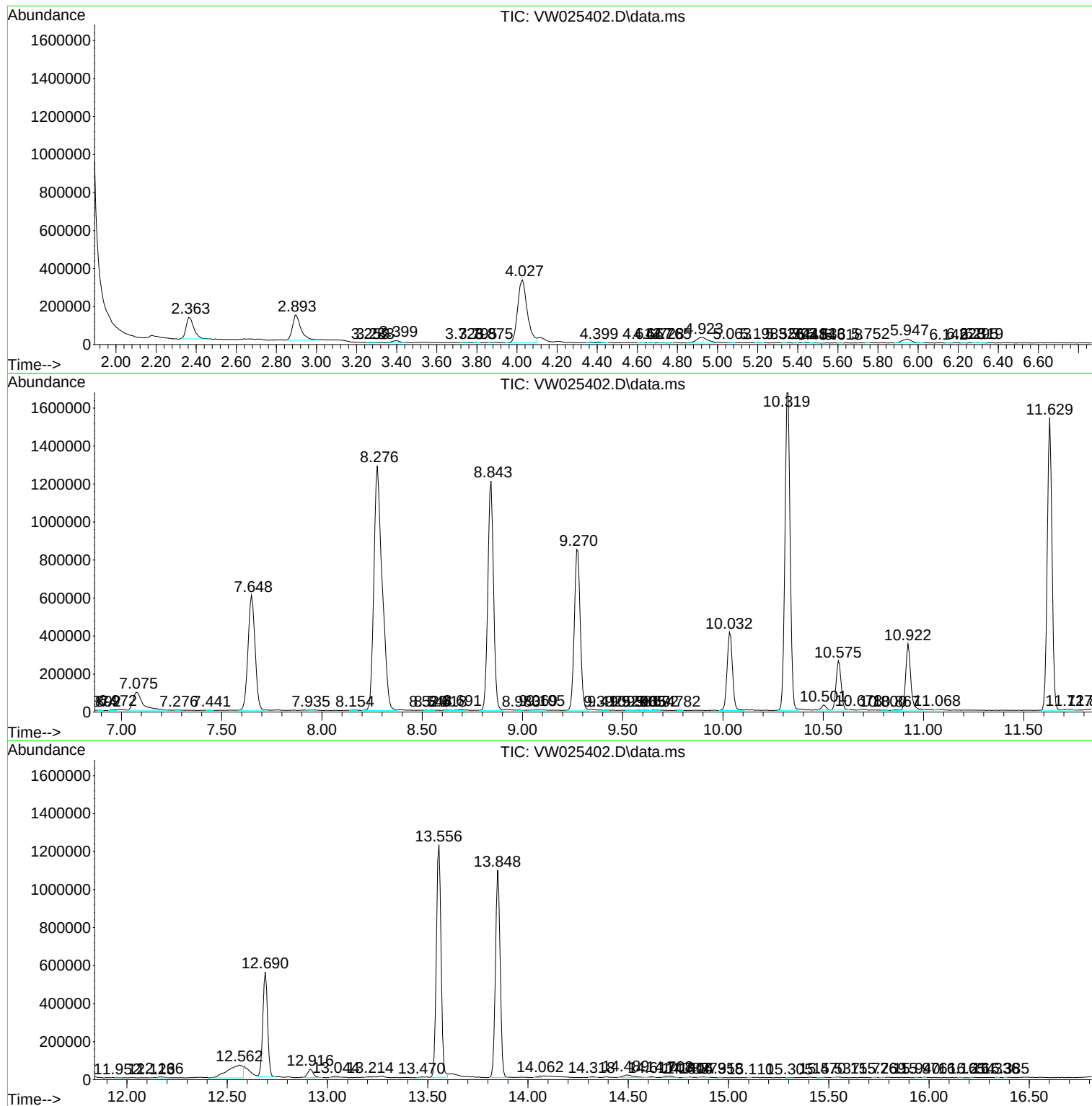
Sum of corrected areas: 24453633

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031623\
Data File : VW025402.D
Acq On : 16 Mar 2023 18:30
Operator : SY/MD
Sample : 01927-15
Misc : 6.84g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCAR0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031623\
Data File : VW025402.D
Acq On : 16 Mar 2023 18:30
Operator : SY/MD
Sample : 01927-15
Misc : 6.84g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCAR0

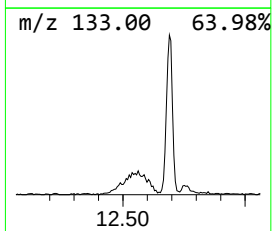
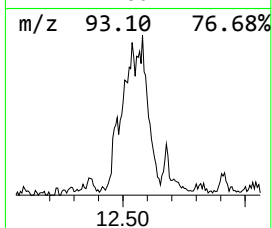
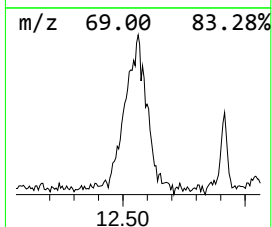
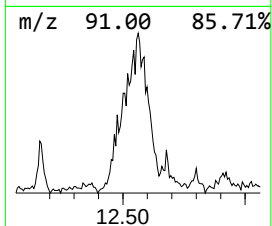
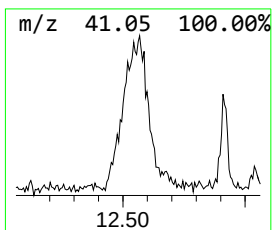
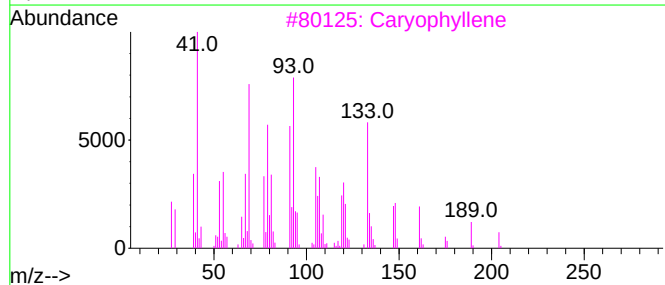
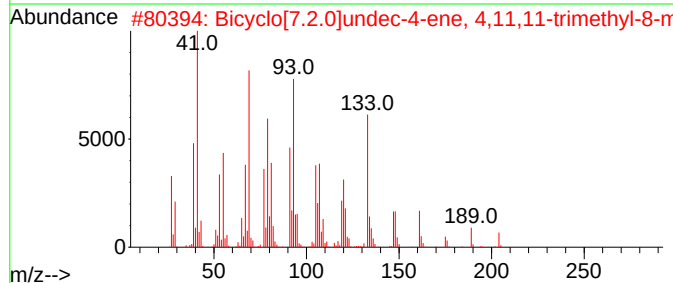
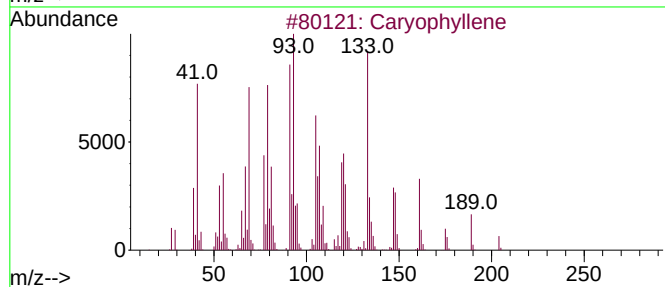
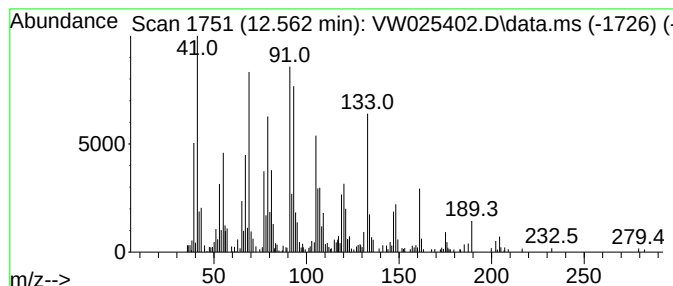
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Caryophyllene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.562	3.56 ug/L	359934	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Caryophyllene	204	C15H24	000087-44-5	99
2			Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	95
3			Caryophyllene	204	C15H24	000087-44-5	95
4			Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	93
5			Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031623\
Data File : VW025402.D
Acq On : 16 Mar 2023 18:30
Operator : SY/MD
Sample : 01927-15
Misc : 6.84g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCAR0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.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
Caryophyllene	12.562	3.6	ug/L	359934	2	11.629	2530390	25.0