

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019790.D
 Acq On : 18 Aug 2021 22:04
 Operator : SY/VA
 Sample : M3458-19
 Misc : 5.09g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B64

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\SFAMWLM081821SMA.M
 Title : SFAM01.0

Signal : TIC: VW019790.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	69	74	84	rVB	88332	154713	20.02%	3.248%
2	2.891	156	162	175	rVB	61573	146547	18.96%	3.077%
3	3.428	248	250	251	rVB2	319	193	0.02%	0.004%
4	3.452	251	254	256	rBV	181	221	0.03%	0.005%
5	3.513	261	264	268	rVV2	197	325	0.04%	0.007%
6	3.641	282	285	288	rBV2	329	378	0.05%	0.008%
7	4.019	336	347	361	rBV	108682	294069	38.04%	6.174%
8	4.184	372	374	376	rBV2	276	219	0.03%	0.005%
9	4.220	376	380	382	rVV2	243	346	0.04%	0.007%
10	4.306	393	394	396	rBV2	281	184	0.02%	0.004%
11	4.355	400	402	405	rVB2	277	213	0.03%	0.004%
12	4.537	429	432	436	rVB2	254	325	0.04%	0.007%
13	4.592	440	441	444	rBV2	330	420	0.05%	0.009%
14	4.726	460	463	465	rBV	198	172	0.02%	0.004%
15	4.922	482	495	506	rBV3	9541	29619	3.83%	0.622%
16	5.306	553	558	560	rVB2	195	290	0.04%	0.006%
17	5.336	560	563	564	rBV2	205	182	0.02%	0.004%
18	5.440	577	580	583	rBV	242	271	0.04%	0.006%
19	5.824	641	643	647	rVB	186	278	0.04%	0.006%
20	5.860	647	649	652	rBV2	156	194	0.03%	0.004%
21	5.940	658	662	669	rBV5	1125	2889	0.37%	0.061%
22	6.251	711	713	715	rBV	199	204	0.03%	0.004%
23	6.275	715	717	721	rVB2	157	188	0.02%	0.004%
24	6.452	744	746	749	rVV2	173	200	0.03%	0.004%
25	6.763	794	797	799	rBV	312	322	0.04%	0.007%
26	6.824	804	807	810	rVB2	231	269	0.03%	0.006%
27	6.927	822	824	825	rBV	300	190	0.02%	0.004%
28	7.086	842	850	858	rBV	7167	22876	2.96%	0.480%
29	7.269	878	880	884	rVB	181	217	0.03%	0.005%
30	7.445	907	909	911	rVB	287	203	0.03%	0.004%
31	7.476	911	914	915	rBV	145	188	0.02%	0.004%
32	7.653	933	943	956	rBV	142706	355205	45.95%	7.458%
33	7.769	961	962	965	rBV2	214	211	0.03%	0.004%
34	7.891	980	982	985	rVB3	332	278	0.04%	0.006%
35	7.958	988	993	996	rVV2	598	832	0.11%	0.017%
36	8.019	1000	1003	1004	rBV2	161	179	0.02%	0.004%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019790.D
 Acq On : 18 Aug 2021 22:04
 Operator : SY/VA
 Sample : M3458-19
 Misc : 5.09g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B64

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\SFAMWLM081821SMA.M
 Title : SFAM01.0

37	8.153	1023	1025	1032	rVB2	191	378	0.05%	0.008%
38	8.281	1032	1046	1064	rBV2	267596	772972	100.00%	16.229%
39	8.482	1077	1079	1082	rBV2	251	236	0.03%	0.005%
40	8.622	1100	1102	1103	rBV	257	183	0.02%	0.004%
41	8.683	1110	1112	1116	rBV2	239	315	0.04%	0.007%
42	8.848	1130	1139	1153	rBV	252923	510990	66.11%	10.729%
43	9.079	1172	1177	1181	rBV5	391	892	0.12%	0.019%
44	9.128	1184	1185	1189	rVB	218	206	0.03%	0.004%
45	9.274	1201	1209	1220	rBV	183929	376502	48.71%	7.905%
46	9.470	1240	1241	1243	rBV	377	207	0.03%	0.004%
47	9.744	1283	1286	1288	rBV2	220	288	0.04%	0.006%
48	9.866	1303	1306	1307	rBV2	189	207	0.03%	0.004%
49	9.915	1312	1314	1317	rBV2	178	188	0.02%	0.004%
50	10.036	1327	1334	1343	rBV	64699	111146	14.38%	2.334%
51	10.213	1361	1363	1365	rBV	301	212	0.03%	0.004%
52	10.268	1368	1372	1374	rBV	300	375	0.05%	0.008%
53	10.323	1374	1381	1389	rBV	334583	597882	77.35%	12.553%
54	10.579	1416	1423	1432	rBV	41904	73162	9.47%	1.536%
55	10.701	1437	1443	1452	rVV4	1614	3392	0.44%	0.071%
56	10.805	1458	1460	1463	rVB2	158	176	0.02%	0.004%
57	10.927	1474	1480	1493	rBV2	22175	46089	5.96%	0.968%
58	11.079	1502	1505	1507	rBV2	397	339	0.04%	0.007%
59	11.097	1507	1508	1510	rVB	381	277	0.04%	0.006%
60	11.128	1510	1513	1517	rVB2	265	413	0.05%	0.009%
61	11.170	1517	1520	1522	rBV2	336	446	0.06%	0.009%
62	11.237	1528	1531	1532	rVB2	225	192	0.02%	0.004%
63	11.353	1549	1550	1553	rVB2	257	199	0.03%	0.004%
64	11.384	1553	1555	1557	rBV2	172	196	0.03%	0.004%
65	11.475	1569	1570	1573	rVB	213	161	0.02%	0.003%
66	11.634	1588	1596	1605	rVV	315194	538645	69.68%	11.309%
67	11.920	1641	1643	1646	rVB	275	195	0.03%	0.004%
68	11.969	1646	1651	1652	rBV2	226	354	0.05%	0.007%
69	12.024	1658	1660	1665	rVV2	433	398	0.05%	0.008%
70	12.103	1671	1673	1676	rBV	227	194	0.03%	0.004%
71	12.195	1686	1688	1691	rBV2	185	252	0.03%	0.005%
72	12.335	1709	1711	1713	rBV2	265	214	0.03%	0.004%
73	12.469	1728	1733	1738	rBV4	2331	3399	0.44%	0.071%
74	12.609	1750	1756	1761	rVV5	1253	1995	0.26%	0.042%
75	12.695	1761	1770	1778	rVV	96928	160920	20.82%	3.379%
76	12.756	1778	1780	1783	rVB	151	163	0.02%	0.003%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019790.D
 Acq On : 18 Aug 2021 22:04
 Operator : SY/VA
 Sample : M3458-19
 Misc : 5.09g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B64

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\SFAMWLM081821SMA.M
 Title : SFAM01.0

77	12.938	1803	1810	1816	rBV2	9562	15948	2.06%	0.335%
78	13.097	1834	1836	1839	rBV	246	246	0.03%	0.005%
79	13.207	1850	1854	1856	rBV2	165	257	0.03%	0.005%
80	13.243	1858	1860	1861	rBV2	400	243	0.03%	0.005%
81	13.341	1874	1876	1878	rBV2	311	247	0.03%	0.005%
82	13.365	1878	1880	1882	rVB2	295	184	0.02%	0.004%
83	13.420	1886	1889	1891	rBV3	252	300	0.04%	0.006%
84	13.487	1899	1900	1904	rBV2	378	474	0.06%	0.010%
85	13.560	1905	1912	1922	rVV	167976	277717	35.93%	5.831%
86	13.652	1922	1927	1930	rVV5	1454	2249	0.29%	0.047%
87	13.707	1934	1936	1942	rBV3	543	828	0.11%	0.017%
88	13.853	1953	1960	1969	rBV	144408	235431	30.46%	4.943%
89	14.152	2007	2009	2012	rBV2	234	278	0.04%	0.006%
90	14.182	2012	2014	2017	rBV3	318	428	0.06%	0.009%
91	14.280	2028	2030	2031	rBV2	326	246	0.03%	0.005%
92	14.395	2046	2049	2050	rBV2	389	463	0.06%	0.010%
93	14.517	2064	2069	2074	rBV5	1372	2200	0.28%	0.046%
94	14.578	2077	2079	2082	rVB2	327	353	0.05%	0.007%
95	14.719	2099	2102	2108	rVB3	1619	2131	0.28%	0.045%
96	14.914	2133	2134	2137	rBV2	215	196	0.03%	0.004%
97	15.493	2224	2229	2235	rBV2	1478	3073	0.40%	0.065%
98	15.584	2242	2244	2246	rBV2	286	210	0.03%	0.004%
99	15.871	2289	2291	2292	rBV2	418	216	0.03%	0.005%
100	16.328	2365	2366	2369	rBV2	404	400	0.05%	0.008%

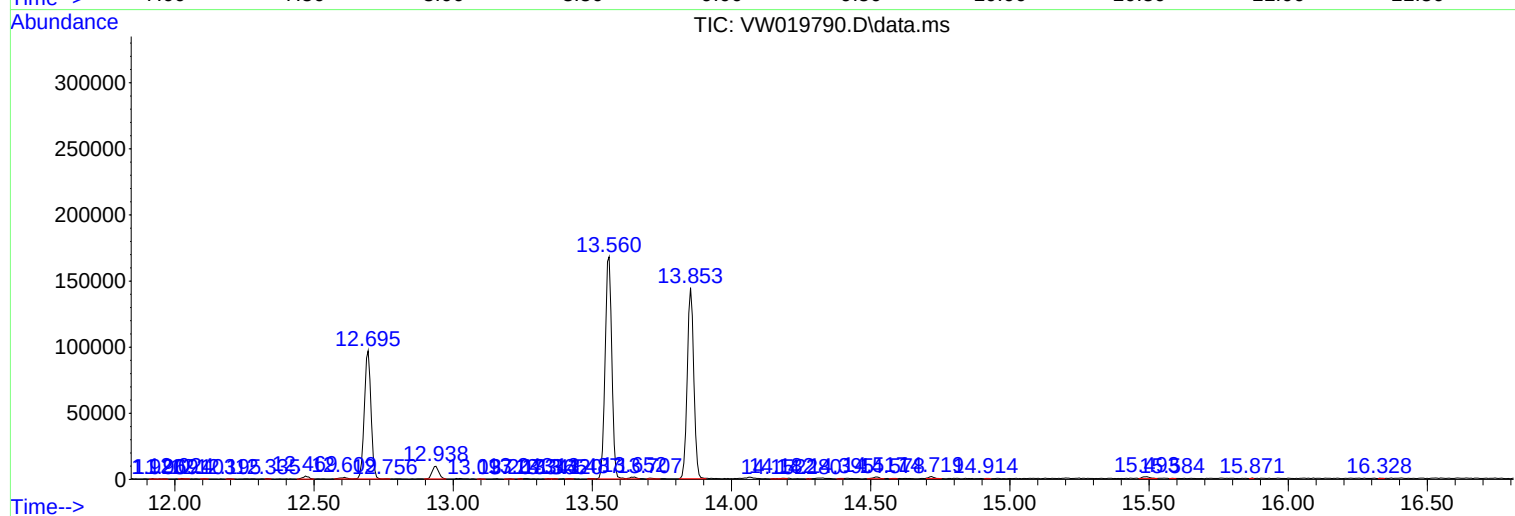
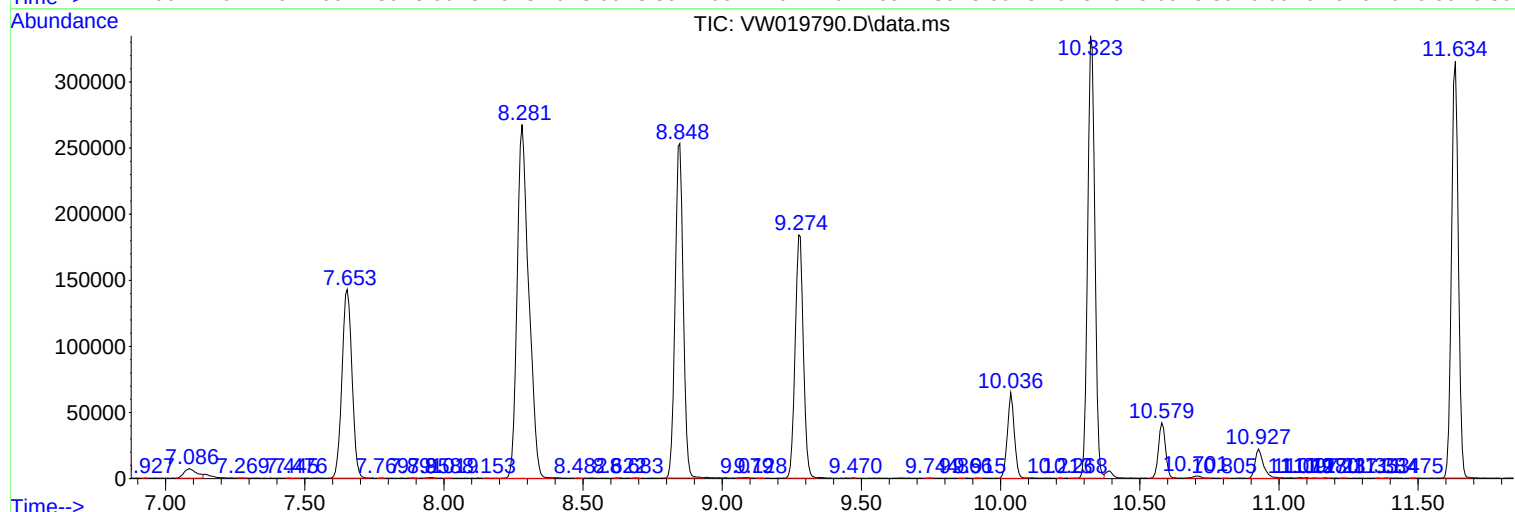
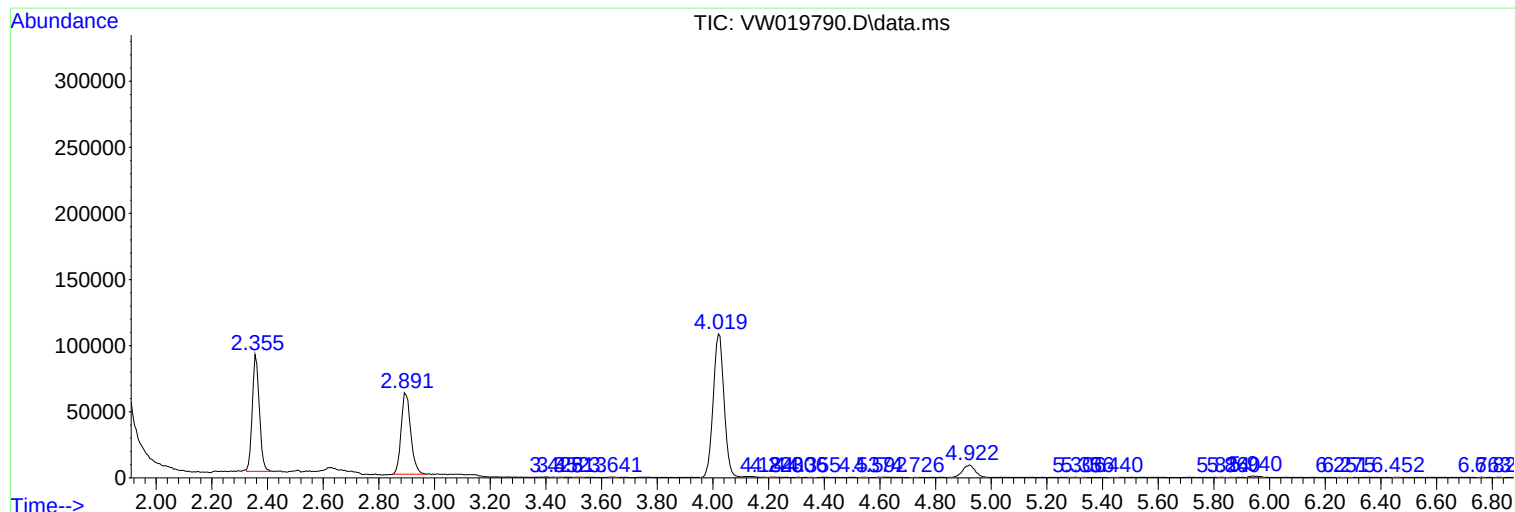
Sum of corrected areas: 4762878

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
Data File : VW019790.D
Acq On : 18 Aug 2021 22:04
Operator : SY/VA
Sample : M3458-19
Misc : 5.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B64

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
Data File : VW019790.D
Acq On : 18 Aug 2021 22:04
Operator : SY/VA
Sample : M3458-19
Misc : 5.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B64

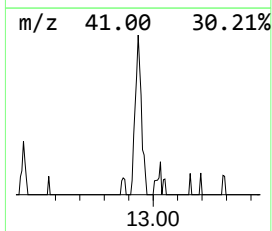
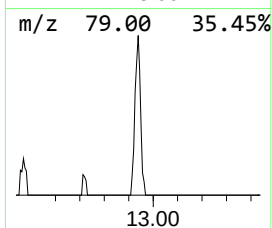
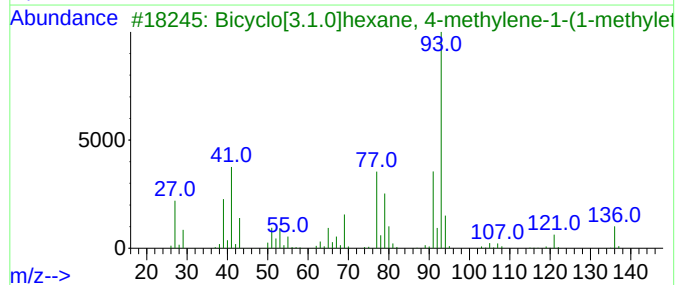
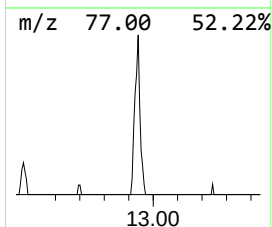
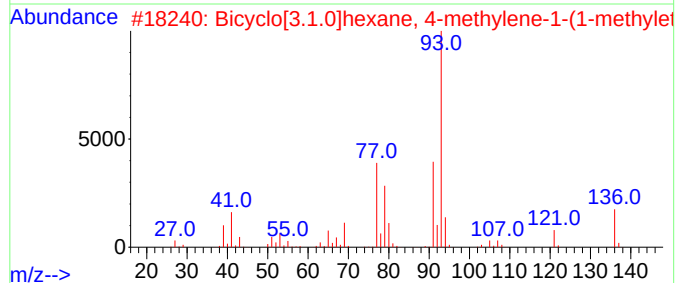
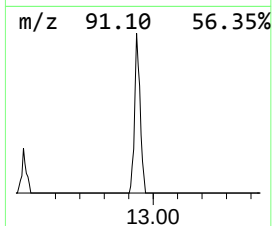
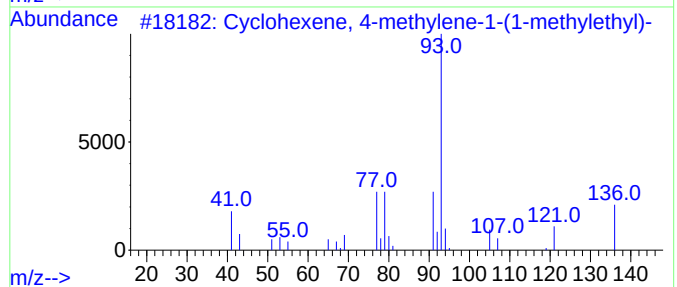
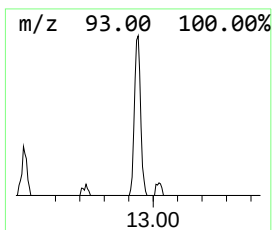
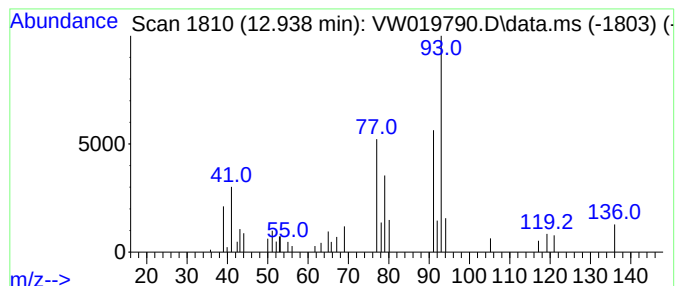
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Cyclohexene, 4-methylene-1-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.938	1.44 ug/L	15948	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	94
2			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
3			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	87
4			Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	86
5			.beta.-Phellandrene	136	C10H16	000555-10-2	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
Data File : VW019790.D
Acq On : 18 Aug 2021 22:04
Operator : SY/VA
Sample : M3458-19
Misc : 5.09g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B64

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.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
Cyclohexene, 4-...	12.938	1.4	ug/L	15948	3	13.560	277717	25.0