

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027713.D
 Acq On : 17 Dec 2023 01:14
 Operator : SY/MD
 Sample : 05836-18
 Misc : 2.88g/10mL/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCLS3

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\SFAMWLM121523SMA.M
 Title : SFAM01.0

Signal : TIC: VW027713.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	71	78	93	rVB	131081	297946	16.30%	2.214%
2	2.503	98	101	112	rBV2	3201	7938	0.43%	0.059%
3	2.899	157	166	183	rBV	95987	271879	14.87%	2.021%
4	3.393	238	247	254	rBV2	8675	19587	1.07%	0.146%
5	3.692	293	296	297	rVV3	538	568	0.03%	0.004%
6	3.728	297	302	309	rVB6	961	2243	0.12%	0.017%
7	3.917	331	333	336	rVB2	316	385	0.02%	0.003%
8	4.015	338	349	363	rVV	235263	632489	34.60%	4.701%
9	4.167	363	374	396	rVB	73898	298324	16.32%	2.217%
10	4.588	438	443	446	rBV4	424	921	0.05%	0.007%
11	4.673	454	457	459	rBV3	491	750	0.04%	0.006%
12	4.722	463	465	467	rVB2	669	518	0.03%	0.004%
13	4.917	486	497	514	rVB	24796	79759	4.36%	0.593%
14	5.259	549	553	554	rBV2	330	430	0.02%	0.003%
15	5.313	559	562	565	rVB3	309	417	0.02%	0.003%
16	5.795	633	641	650	rVB3	1976	6011	0.33%	0.045%
17	5.947	657	666	675	rVB4	7006	20596	1.13%	0.153%
18	6.124	690	695	696	rBV2	434	438	0.02%	0.003%
19	6.618	774	776	781	rVB3	295	378	0.02%	0.003%
20	6.905	816	823	827	rBV4	1498	3733	0.20%	0.028%
21	7.094	845	854	861	rBV	32180	101173	5.53%	0.752%
22	7.551	919	929	934	rBV4	3486	8695	0.48%	0.065%
23	7.648	935	945	960	rVB	301513	746651	40.84%	5.549%
24	7.923	983	990	998	rBV4	749	1851	0.10%	0.014%
25	8.026	1004	1007	1010	rBV2	284	347	0.02%	0.003%
26	8.160	1025	1029	1034	rVB4	976	1608	0.09%	0.012%
27	8.276	1037	1048	1064	rBV2	635935	1828105	100.00%	13.587%
28	8.471	1076	1080	1081	rBV3	527	734	0.04%	0.005%
29	8.557	1086	1094	1103	rBV6	3710	9342	0.51%	0.069%
30	8.709	1109	1119	1129	rBV3	7187	19682	1.08%	0.146%
31	8.843	1132	1141	1157	rVV	598509	1187341	64.95%	8.825%
32	9.087	1175	1181	1186	rVV7	800	1723	0.09%	0.013%
33	9.270	1202	1211	1229	rVV	401554	835557	45.71%	6.210%
34	9.404	1229	1233	1249	rVB4	5467	14880	0.81%	0.111%
35	9.666	1271	1276	1283	rVB	1347	2884	0.16%	0.021%
36	9.752	1285	1290	1298	rVB4	5164	10657	0.58%	0.079%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027713.D
 Acq On : 17 Dec 2023 01:14
 Operator : SY/MD
 Sample : 05836-18
 Misc : 2.88g/10mL/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCLS3

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\SFAMWLM121523SMA.M
 Title : SFAM01.0

37	9.892	1305	1313	1319	rBV2	8123	17147	0.94%	0.127%
38	9.953	1319	1323	1327	rBV3	798	1474	0.08%	0.011%
39	10.032	1328	1336	1344	rBV	207684	370347	20.26%	2.753%
40	10.209	1359	1365	1368	rBV2	5253	9569	0.52%	0.071%

41	10.319	1375	1383	1390	rBV	874155	1560387	85.36%	11.597%
42	10.386	1390	1394	1405	rVB	74769	132951	7.27%	0.988%
43	10.508	1408	1414	1418	rVB3	4452	7711	0.42%	0.057%
44	10.575	1418	1425	1440	rBV	114675	209808	11.48%	1.559%
45	10.697	1440	1445	1451	rVB	11556	20615	1.13%	0.153%

46	10.770	1452	1457	1463	rVB5	2627	5081	0.28%	0.038%
47	10.849	1463	1470	1476	rBV6	4696	10740	0.59%	0.080%
48	10.922	1476	1482	1499	rBV	150039	269083	14.72%	2.000%
49	11.068	1500	1506	1515	rVB	24495	42546	2.33%	0.316%
50	11.172	1520	1523	1527	rVV2	943	1237	0.07%	0.009%

51	11.294	1541	1543	1546	rBV3	470	619	0.03%	0.005%
52	11.337	1546	1550	1554	rVB4	1277	1925	0.11%	0.014%
53	11.404	1554	1561	1570	rVB5	5073	10227	0.56%	0.076%
54	11.507	1575	1578	1581	rBV4	627	852	0.05%	0.006%
55	11.629	1590	1598	1604	rBV	759116	1293750	70.77%	9.616%

56	11.727	1609	1614	1622	rVB	20184	35381	1.94%	0.263%
57	11.831	1622	1631	1644	rBV	61579	129934	7.11%	0.966%
58	12.020	1659	1662	1663	rBV2	375	401	0.02%	0.003%
59	12.105	1672	1676	1678	rBV4	872	1394	0.08%	0.010%
60	12.160	1679	1685	1693	rVV3	27981	51765	2.83%	0.385%

61	12.233	1693	1697	1704	rVV	10482	18592	1.02%	0.138%
62	12.337	1708	1714	1728	rVB2	11970	24355	1.33%	0.181%
63	12.458	1728	1734	1740	rBV3	3370	6189	0.34%	0.046%
64	12.599	1749	1757	1764	rVB2	19900	34772	1.90%	0.258%
65	12.690	1764	1772	1780	rBV	250813	418035	22.87%	3.107%

66	12.806	1786	1791	1795	rVB2	2603	4672	0.26%	0.035%
67	12.861	1795	1800	1803	rBV	8448	13097	0.72%	0.097%
68	12.928	1807	1811	1824	rVB	21668	43769	2.39%	0.325%
69	13.044	1824	1830	1832	rBV6	1391	2915	0.16%	0.022%
70	13.111	1832	1841	1847	rVB6	6595	15663	0.86%	0.116%

71	13.202	1855	1856	1857	rBV	575	362	0.02%	0.003%
72	13.245	1857	1863	1866	rVV	12292	21854	1.20%	0.162%
73	13.288	1866	1870	1881	rVB5	13222	27053	1.48%	0.201%
74	13.391	1882	1887	1893	rBV4	13266	22567	1.23%	0.168%
75	13.495	1897	1904	1908	rBV	55807	90417	4.95%	0.672%

76	13.556	1908	1914	1926	rVB	627810	1055582	57.74%	7.845%
----	--------	------	------	------	-----	--------	---------	--------	--------

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027713.D
 Acq On : 17 Dec 2023 01:14
 Operator : SY/MD
 Sample : 05836-18
 Misc : 2.88g/10mL/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCLS3

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\SFAMWLM121523SMA.M
 Title : SFAM01.0

77	13.745	1941	1945	1948	rBV3	1741	2866	0.16%	0.021%
78	13.848	1955	1962	1975	rBV	560545	917739	50.20%	6.821%
79	14.013	1985	1989	1992	rBV5	2885	4270	0.23%	0.032%
80	14.062	1992	1997	2005	rVB2	10122	19836	1.09%	0.147%
81	14.153	2008	2012	2013	rVB4	884	781	0.04%	0.006%
82	14.220	2018	2023	2032	rVB	7510	14004	0.77%	0.104%
83	14.318	2032	2039	2047	rBV4	13722	28407	1.55%	0.211%
84	14.617	2083	2088	2093	rBV2	9931	16639	0.91%	0.124%
85	14.775	2111	2114	2121	rBV8	1419	3177	0.17%	0.024%
86	14.946	2140	2142	2146	rVB4	614	469	0.03%	0.003%
87	15.019	2152	2154	2156	rBV2	496	527	0.03%	0.004%
88	15.062	2157	2161	2167	rVV3	4626	8328	0.46%	0.062%
89	15.171	2175	2179	2184	rVV4	3019	5241	0.29%	0.039%
90	15.238	2188	2190	2195	rVB5	1304	1949	0.11%	0.014%
91	15.360	2204	2210	2214	rBV2	6917	14069	0.77%	0.105%
92	15.427	2218	2221	2226	rVV2	3047	4599	0.25%	0.034%
93	15.476	2226	2229	2235	rVB2	1375	2414	0.13%	0.018%
94	15.836	2285	2288	2290	rBV3	615	696	0.04%	0.005%
95	15.964	2303	2309	2311	rBV6	1571	2982	0.16%	0.022%
96	16.080	2326	2328	2336	rVV6	909	1768	0.10%	0.013%
97	16.165	2338	2342	2344	rVB2	550	699	0.04%	0.005%
98	16.330	2367	2369	2373	rVB2	603	684	0.04%	0.005%
99	16.397	2377	2380	2383	rBV3	463	719	0.04%	0.005%
100	16.616	2412	2416	2418	rVB2	460	571	0.03%	0.004%

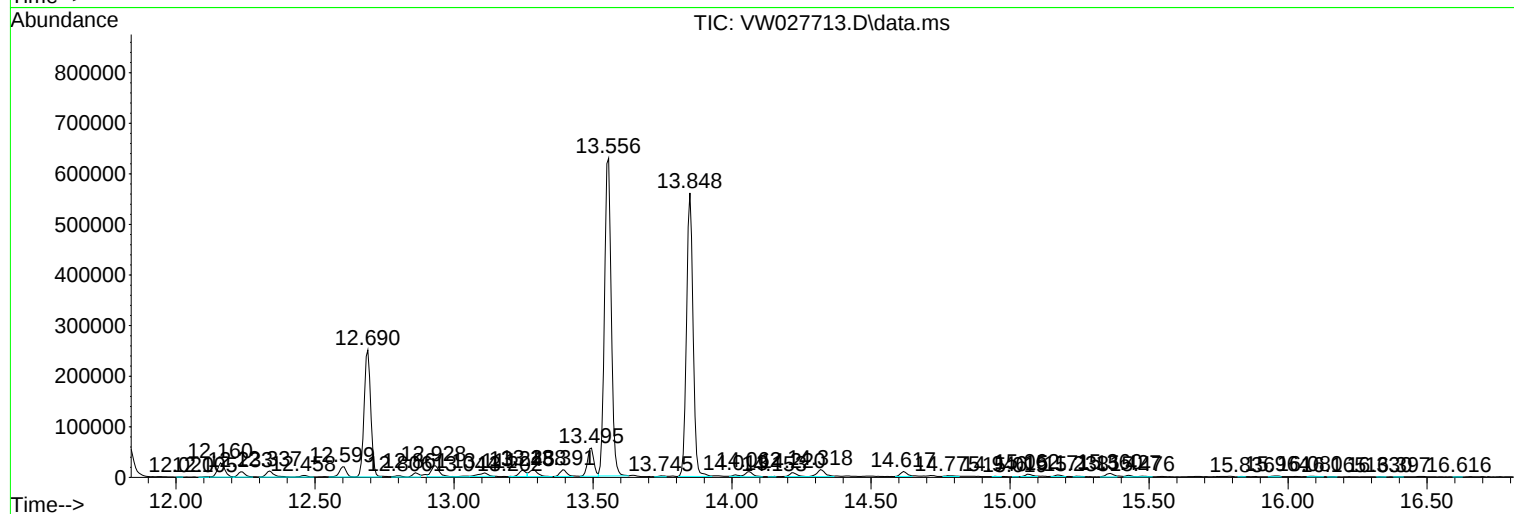
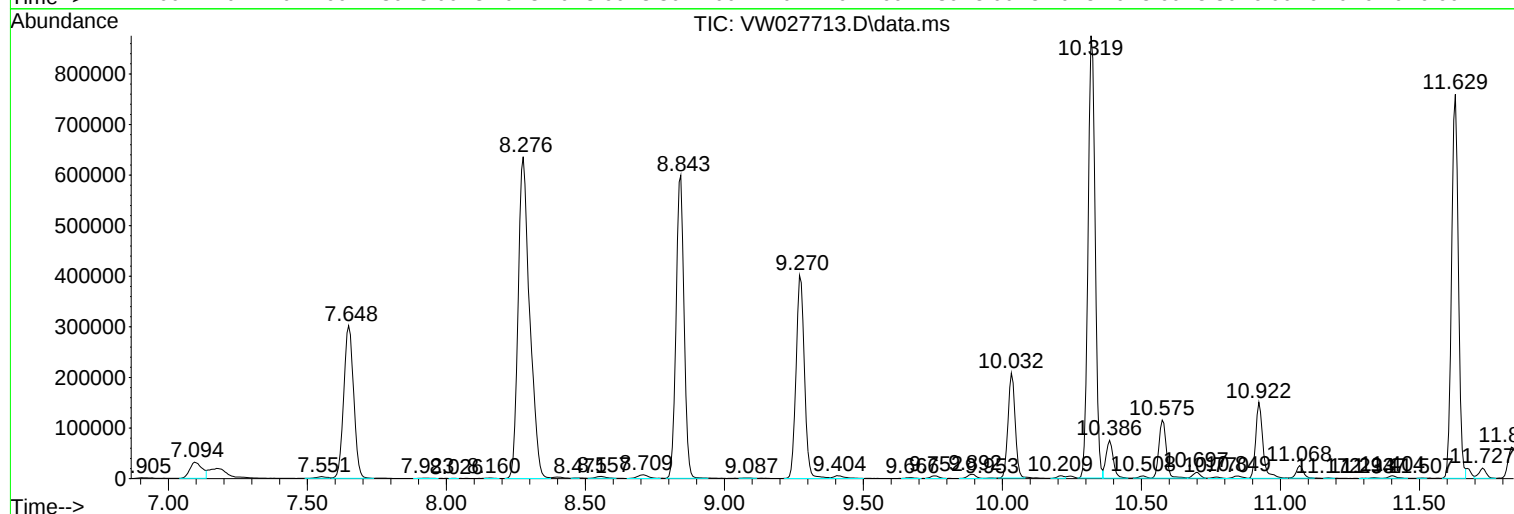
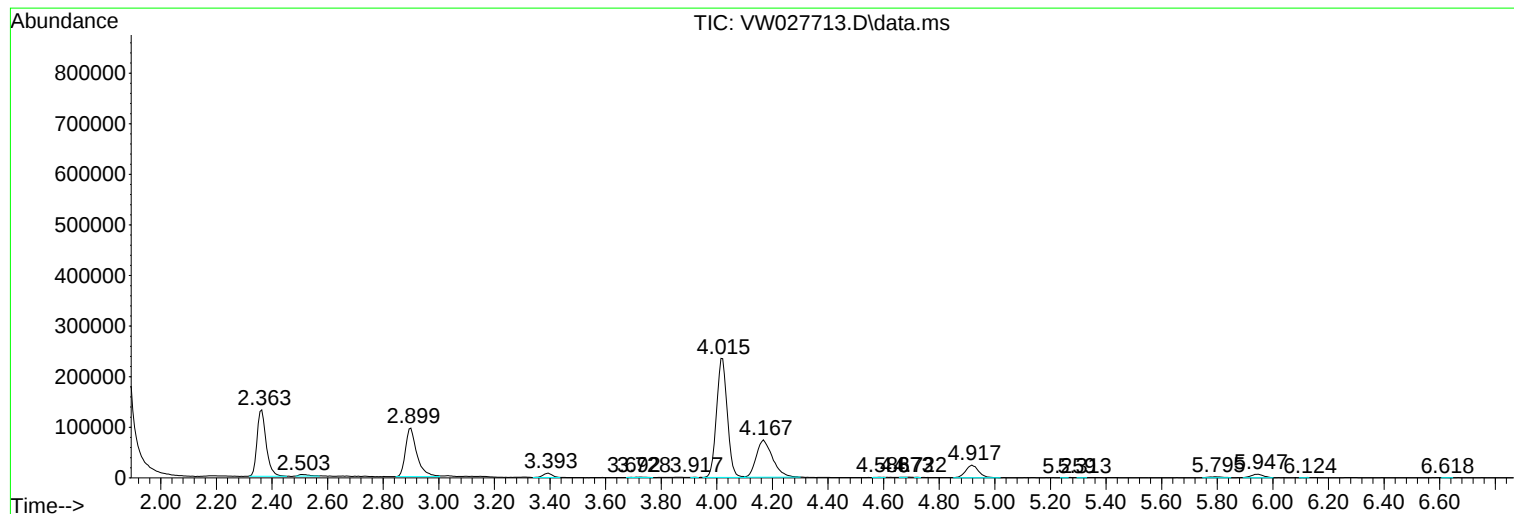
Sum of corrected areas: 13454812

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027713.D
Acq On : 17 Dec 2023 01:14
Operator : SY/MD
Sample : 05836-18
Misc : 2.88g/10mL/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCLS3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027713.D
Acq On : 17 Dec 2023 01:14
Operator : SY/MD
Sample : 05836-18
Misc : 2.88g/10mL/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCLS3

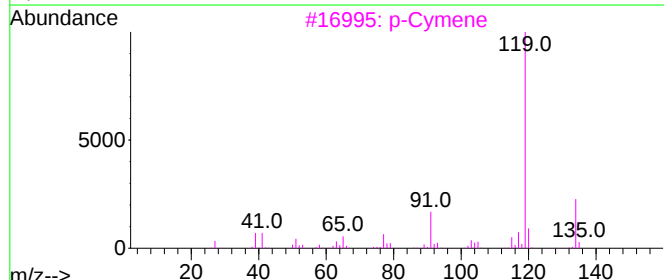
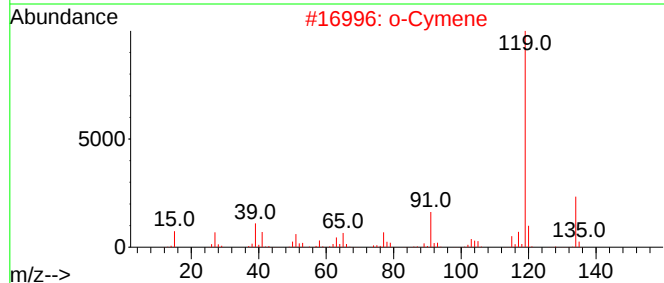
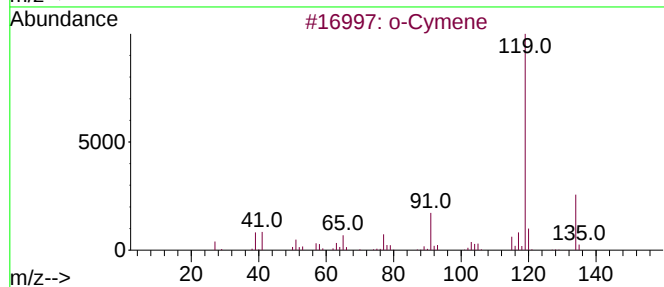
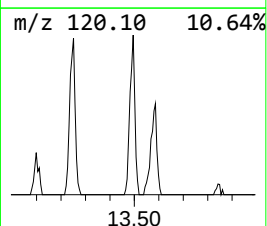
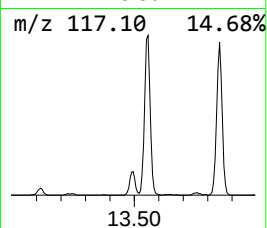
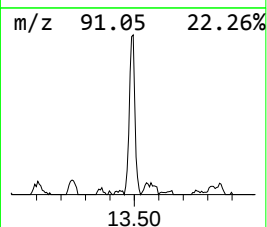
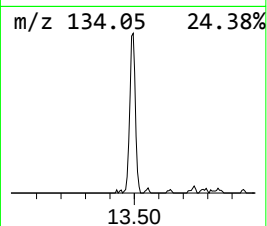
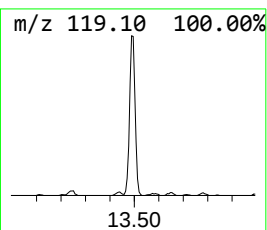
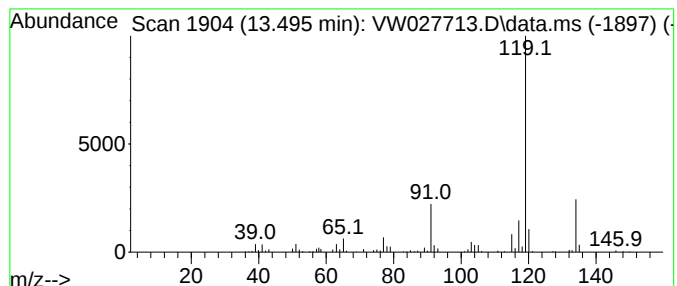
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.495	2.14 ug/L	90417	1,4-Dichlorobenzene-d4	13.550

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	97
2		o-Cymene	134	C10H14	000527-84-4	97
3		p-Cymene	134	C10H14	000099-87-6	97
4		p-Cymene	134	C10H14	000099-87-6	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027713.D
Acq On : 17 Dec 2023 01:14
Operator : SY/MD
Sample : 05836-18
Misc : 2.88g/10mL/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCLS3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.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
o-Cymene	13.495	2.1	ug/L	90417	3	13.550	1055580	25.0