LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026455.D
Acq On : 30 Jun 2023 00:27
Operator : SY/MD
Sample : 03452-12
Misc : 6.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P0

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\SFAMWLM062923SMA.M
Title : SFAM01.0

Signal : TIC: VW026455.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.137	38	41	47	rBV3	7801	13125	0.24%	0.037%
2	2.229	49	56	57	rBV7	7887	15228	0.27%	0.043%
3	2.308	68	69	71	rBV2	2818	1902	0.03%	0.005%
4	2.363	71	78	96	rVV	154792	423805	7.61%	1.190%
5	2.631	115	122	123	rBV7	6747	14174	0.25%	0.040%
6	2.893	156	165	180	rBV	161068	452130	8.11%	1.270%
7	3.015	183	185	186	rVB2	3340	2366	0.04%	0.007%
8	3.174	210	211	213	rBV2	2344	1776	0.03%	0.005%
9	3.241	220	222	224	rBV3	1570	1294	0.02%	0.004%
10	3.302	230	232	235	rVB4	2291	2029	0.04%	0.006%
11	3.338	235	238	241	rBV5	1494	2296	0.04%	0.006%
12	3.387	241	246	247	rVV5	2437	3137	0.06%	0.009%
13	3.430	250	253	254	rVB3	1571	1247	0.02%	0.004%
14	3.497	260	264	265	rVV4	1114	1350	0.02%	0.004%
15	3.545	269	272	274	rVV3	1332	1373	0.02%	0.004%
16	3.582	277	278	285	rVB7	2619	4254	0.08%	0.012%
17	3.643	285	288	291	rBV5	1386	2355	0.04%	0.007%
18	3.673	291	293	295	rBV3	1710	1256	0.02%	0.004%
19	3.692	295	296	301	rVB5	1860	2203	0.04%	0.006%
20	3.734	301	303	304	rBV2	1682	1281	0.02%	0.004%
21	3.789	309	312	313	rBV3	989	1229	0.02%	0.003%
22	3.844	319	321	325	rVB5	1724	1416	0.03%	0.004%
23	3.887	325	328	331	rBV5	2269	2241	0.04%	0.006%
24	3.923	331	334	336	rBV4	1096	1064	0.02%	0.003%
25	4.021	338	350	377	rBV	284413	1018164	18.27%	2.860%
26	4.210	380	381	384	rVB3	1370	1155	0.02%	0.003%
27	4.253	387	388	391	rBV3	1505	1542	0.03%	0.004%
28	4.307	394	397	400	rVB4	1420	1881	0.03%	0.005%
29	4.362	400	406	407	rBV5	1898	3015	0.05%	0.008%
30	4.387	407	410	412	rBV4	2211	3080	0.06%	0.009%
31	4.466	421	423	427	rVB5	1976	2578	0.05%	0.007%
32	4.515	430	431	435	rBV4	2203	1973	0.04%	0.006%
33	4.564	435	439	441	rBV5	1483	2041	0.04%	0.006%
34	4.655	452	454	456	rBV3	1188	1039	0.02%	0.003%
35	4.673	456	457	461	rBV4	1796	2090	0.04%	0.006%
36	4.710	461	463	467	rVB5	1302	1709	0.03%	0.005%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026455.D
Acq On : 30 Jun 2023 00:27
Operator : SY/MD
Sample : 03452-12
Misc : 6.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P0

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\SFAMWLM062923SMA.M
Title : SFAM01.0

37	4.765	470	472	476	rVB5	1165	1212	0.02%	0.003%
38	4.807	476	479	483	rVB6	1789	1893	0.03%	0.005%
39	4.923	486	498	511	rBV4	18823	77615	1.39%	0.218%
40	5.009	511	512	515	rVV3	2464	1613	0.03%	0.005%
41	5.051	518	519	522	rVB3	1426	1194	0.02%	0.003%
42	5.143	532	534	537	rBV4	1462	1432	0.03%	0.004%
43	5.210	542	545	546	rBV3	1439	1253	0.02%	0.004%
44	5.228	546	548	553	rVB6	1061	1598	0.03%	0.004%
45	5.289	555	558	561	rVB5	1762	1515	0.03%	0.004%
46	5.313	561	562	564	rBV2	1784	1486	0.03%	0.004%
47	5.393	573	575	577	rBV3	1599	1329	0.02%	0.004%
48	5.423	577	580	585	rVB7	1202	1952	0.04%	0.005%
49	5.527	592	597	604	rVB7	1465	3873	0.07%	0.011%
50	5.588	604	607	610	rBV5	858	1366	0.02%	0.004%
51	5.752	631	634	636	rBV4	1349	1633	0.03%	0.005%
52	5.807	640	643	644	rVB3	1173	1047	0.02%	0.003%
53	5.825	644	646	648	rBV3	2092	1786	0.03%	0.005%
54	5.935	655	664	673	rBV9	7712	24777	0.44%	0.070%
55	6.039	679	681	683	rBV3	1132	1306	0.02%	0.004%
56	6.167	697	702	706	rBV8	1385	2038	0.04%	0.006%
57	6.228	708	712	715	rBV6	1465	1767	0.03%	0.005%
58	6.258	715	717	719	rVB3	1562	1099	0.02%	0.003%
59	6.283	719	721	723	rBV3	1671	1823	0.03%	0.005%
60	6.313	725	726	728	rVB2	1450	1043	0.02%	0.003%
61	6.344	728	731	734	rBV5	1587	2284	0.04%	0.006%
62	6.392	736	739	740	rBV3	1223	1206	0.02%	0.003%
63	6.520	756	760	765	rBV8	1341	2107	0.04%	0.006%
64	6.575	767	769	773	rVB5	1335	1844	0.03%	0.005%
65	6.679	782	786	787	rBV4	1163	1214	0.02%	0.003%
66	6.758	793	799	801	rBV7	1071	1455	0.03%	0.004%
67	6.795	801	805	808	rVB6	1641	2426	0.04%	0.007%
68	6.886	819	820	822	rBV2	1599	1552	0.03%	0.004%
69	6.917	823	825	827	rVB3	1865	1239	0.02%	0.003%
70	6.941	827	829	831	rBV2	1799	1438	0.03%	0.004%
71	7.075	842	851	869	rVV	104927	331092	5.94%	0.930%
72	7.240	876	878	880	rBV3	1195	1125	0.02%	0.003%
73	7.264	880	882	883	rVV2	1887	1336	0.02%	0.004%
74	7.283	883	885	888	rVV4	1611	1750	0.03%	0.005%
75	7.313	888	890	893	rVB4	1902	1706	0.03%	0.005%
76	7.453	912	913	917	rBV4	2306	2281	0.04%	0.006%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026455.D
Acq On : 30 Jun 2023 00:27
Operator : SY/MD
Sample : 03452-12
Misc : 6.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P0

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\SFAMWLM062923SMA.M
Title : SFAM01.0

77	7.502	917	921	922	rBV4	2019	2542	0.05%	0.007%
78	7.648	934	945	957	rBV	587191	1422923	25.54%	3.997%
79	7.837	973	976	980	rBV6	1835	2908	0.05%	0.008%
80	7.880	980	983	987	rBV6	1809	2630	0.05%	0.007%
81	7.910	987	988	991	rVB3	1393	1278	0.02%	0.004%
82	7.953	993	995	996	rBV2	2707	2101	0.04%	0.006%
83	8.032	1006	1008	1009	rBV2	2513	1591	0.03%	0.004%
84	8.148	1025	1027	1029	rBV3	1757	1369	0.02%	0.004%
85	8.276	1038	1048	1065	rBV2	1159367	3443611	61.81%	9.672%
86	8.477	1078	1081	1083	rBV4	2071	2760	0.05%	0.008%
87	8.843	1132	1141	1150	rBV	1481448	2970758	53.32%	8.344%
88	9.276	1203	1212	1223	rBV	970521	2027487	36.39%	5.695%
89	10.032	1330	1336	1347	rBV	529900	965364	17.33%	2.711%
90	10.325	1376	1384	1391	rBV	2005691	3545500	63.63%	9.958%
91	10.575	1420	1425	1433	rVB	336099	570974	10.25%	1.604%
92	10.922	1476	1482	1492	rBV	466575	866731	15.56%	2.434%
93	11.629	1592	1598	1607	rVB	2012020	3364583	60.39%	9.450%
94	12.690	1767	1772	1780	rVB	609224	998095	17.91%	2.803%
95	12.916	1804	1809	1814	rBV	1123946	1779555	31.94%	4.998%
96	13.556	1908	1914	1924	rVB	1602412	2673552	47.98%	7.509%
97	13.848	1956	1962	1971	rBV	1372035	2373586	42.60%	6.667%
98	14.848	2115	2126	2143	rVB2	1708777	5571684	100.00%	15.649%
99	15.318	2199	2203	2209	rBV	90009	154255	2.77%	0.433%
100	16.275	2355	2360	2369	rVB	201922	369875	6.64%	1.039%

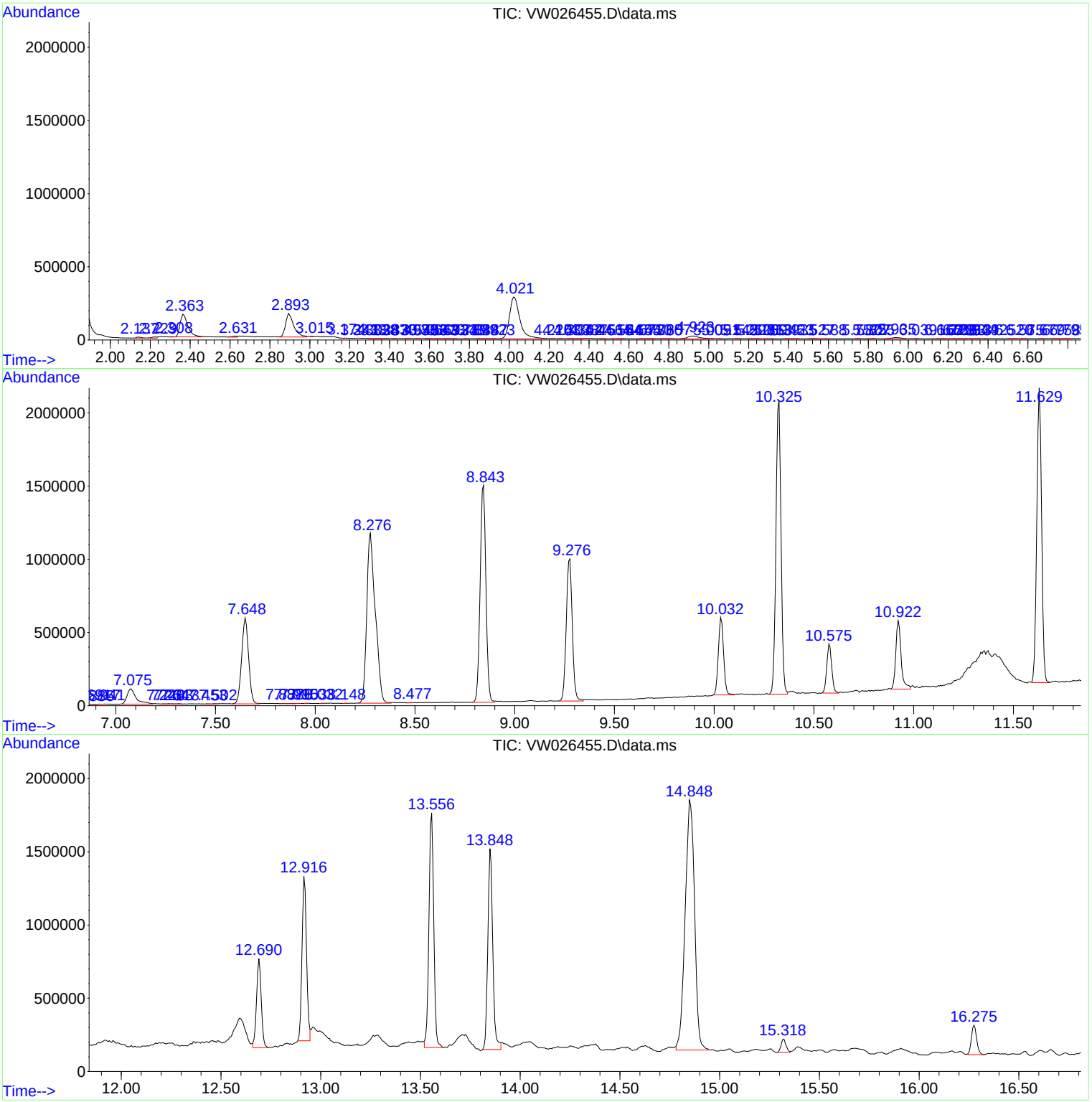
Sum of corrected areas: 35604215

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026455.D
Acq On : 30 Jun 2023 00:27
Operator : SY/MD
Sample : 03452-12
Misc : 6.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026455.D
Acq On : 30 Jun 2023 00:27
Operator : SY/MD
Sample : 03452-12
Misc : 6.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P0

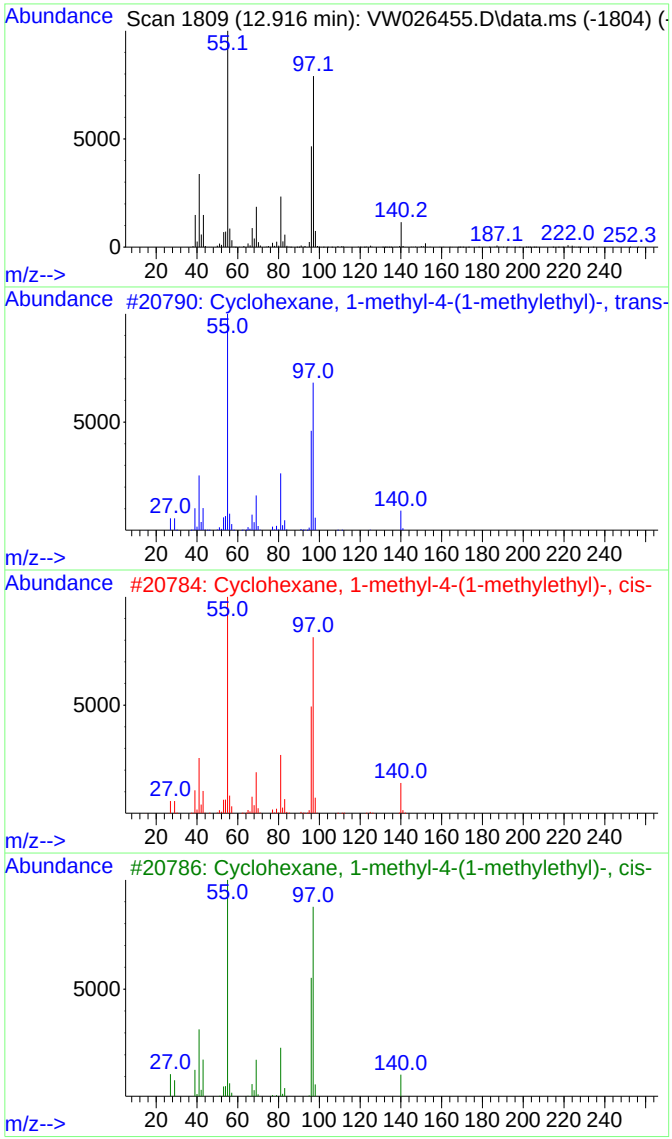
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

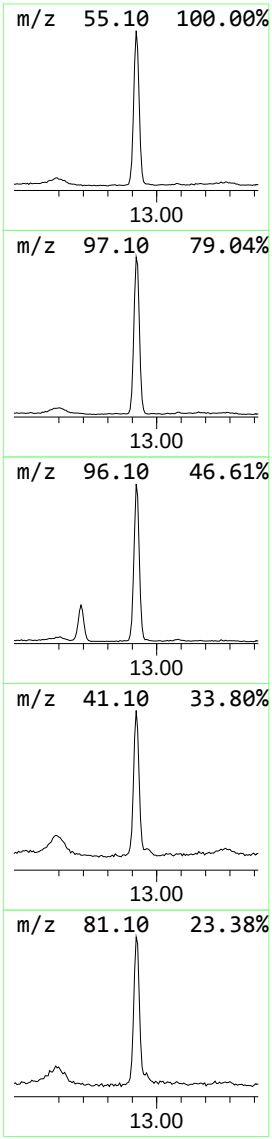
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic12.916 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	16.64 ug/L	1779560	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	97
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	97
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	95
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	94
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026455.D
Acq On : 30 Jun 2023 00:27
Operator : SY/MD
Sample : 03452-12
Misc : 6.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P0

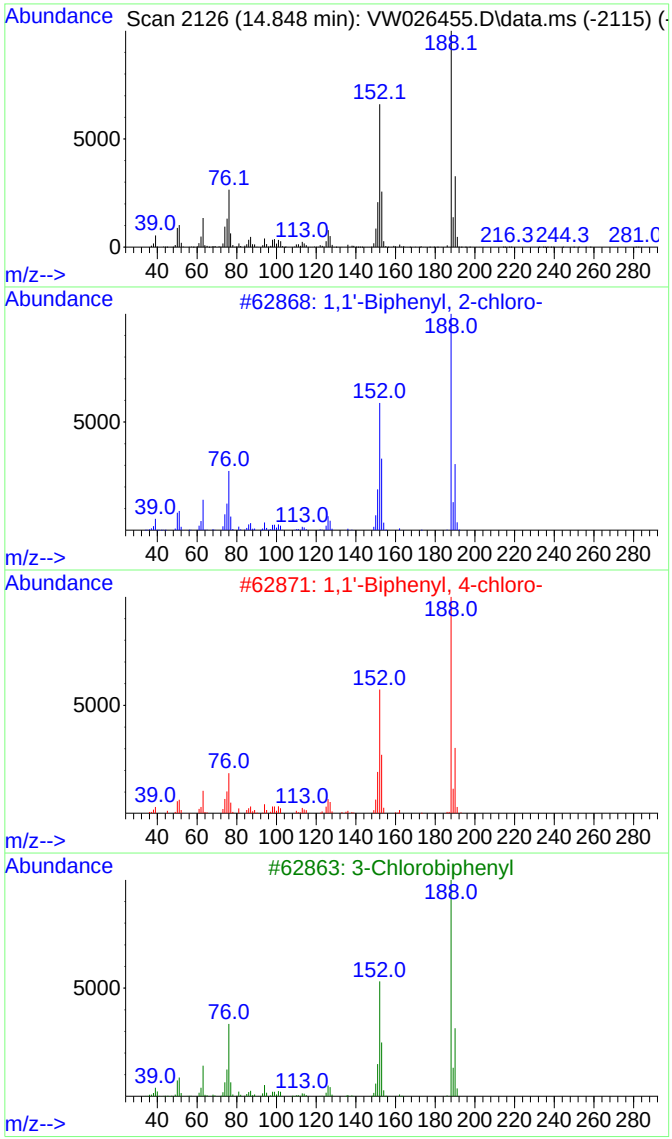
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

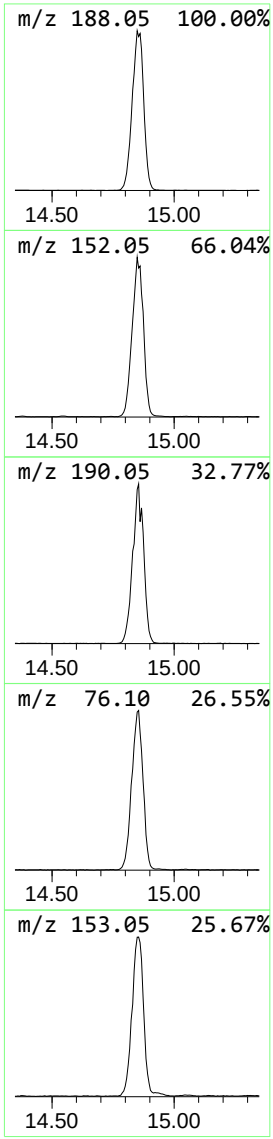
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	52.10 ug/L	5571680	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	99
2	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	98
3	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
4	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
5	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026455.D
Acq On : 30 Jun 2023 00:27
Operator : SY/MD
Sample : 03452-12
Misc : 6.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P0

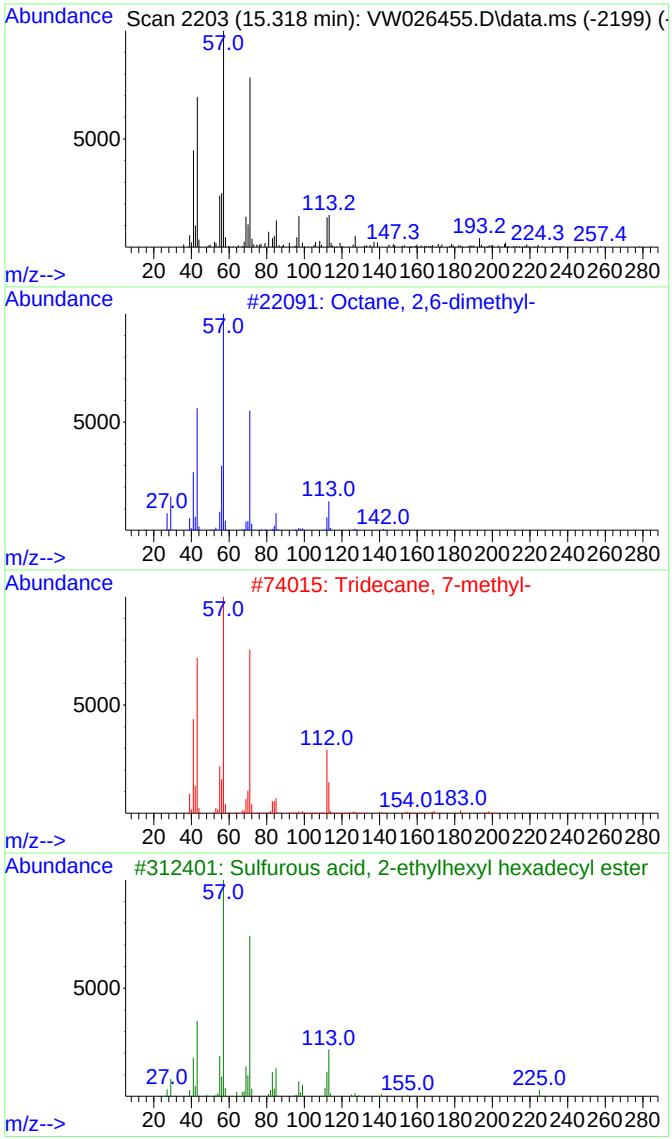
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

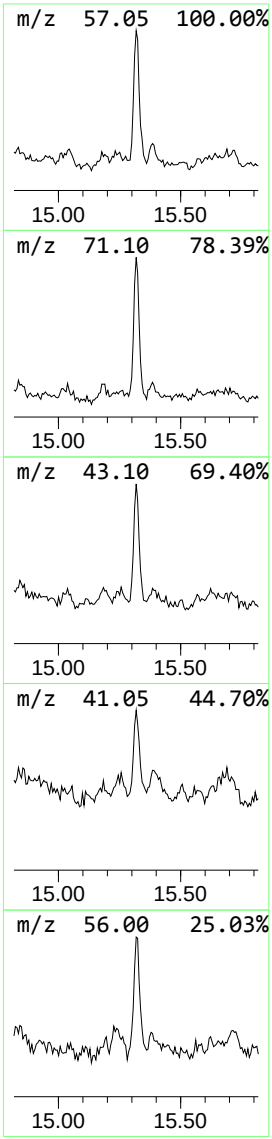
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	1.44 ug/L	154255	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026455.D
Acq On : 30 Jun 2023 00:27
Operator : SY/MD
Sample : 03452-12
Misc : 6.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P0

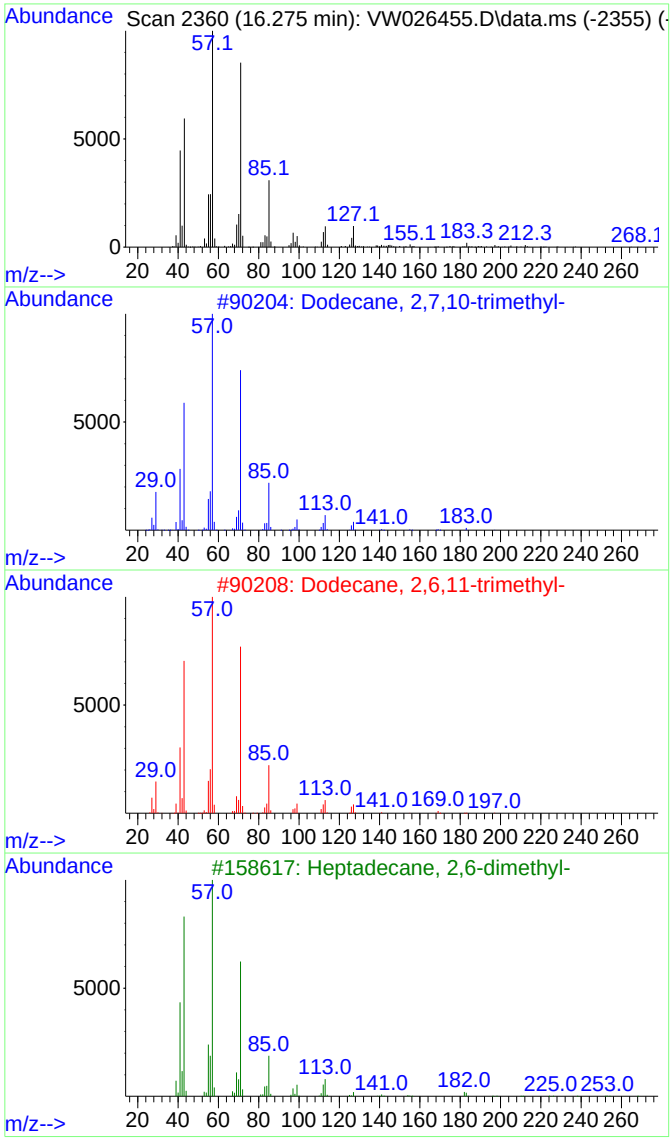
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

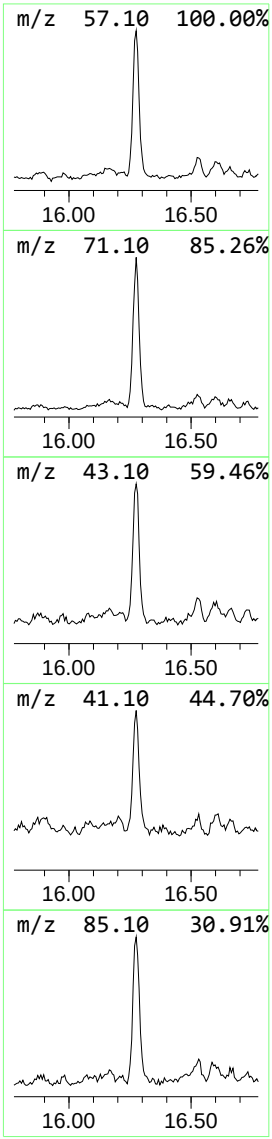
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	3.46 ug/L	369875	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026455.D
Acq On : 30 Jun 2023 00:27
Operator : SY/MD
Sample : 03452-12
Misc : 6.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46P0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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: C...	12.916	16.6	ug/L	1779560	3	13.556	2673550	25.0
1,1'-Biphenyl, ...	14.848	52.1	ug/L	5571680	3	13.556	2673550	25.0
(DEL) Alkane: S...	15.318	1.4	ug/L	154255	3	13.556	2673550	25.0
(DEL) Alkane: S...	16.275	3.5	ug/L	369875	3	13.556	2673550	25.0