LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026352.D
Acq On : 27 Jun 2023 14:14
Operator : SY/MD
Sample : 03421-14
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H4

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\SFAMWLM062623SMA.M
Title : SFAM01.0

Signal : TIC: VW026352.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	39	42	43	rBV	6147	6677	0.18%	0.026%
2	2.180	45	48	49	rBV3	9629	10102	0.27%	0.039%
3	2.363	72	78	92	rBV	156544	423796	11.35%	1.651%
4	2.631	119	122	123	rBV3	6227	7612	0.20%	0.030%
5	2.899	158	166	184	rVB	166494	496883	13.31%	1.936%
6	3.143	205	206	213	rVB7	8979	16347	0.44%	0.064%
7	3.198	213	215	217	rVB3	1871	1569	0.04%	0.006%
8	3.301	230	232	233	rBV2	1773	1512	0.04%	0.006%
9	3.381	241	245	247	rBV4	4195	6299	0.17%	0.025%
10	3.399	247	248	256	rVB8	5970	8491	0.23%	0.033%
11	3.466	256	259	263	rVB6	1448	2058	0.06%	0.008%
12	3.667	289	292	293	rBV3	1950	2256	0.06%	0.009%
13	3.728	299	302	304	rBV4	1186	1474	0.04%	0.006%
14	3.759	304	307	310	rVB4	2388	2081	0.06%	0.008%
15	3.862	318	324	325	rBV5	2649	4909	0.13%	0.019%
16	3.881	325	327	331	rVV5	3297	3489	0.09%	0.014%
17	4.027	339	351	361	rBV	358780	1195439	32.01%	4.658%
18	4.118	361	366	381	rVB	141457	383764	10.28%	1.495%
19	4.295	392	395	399	rVB6	2681	3097	0.08%	0.012%
20	4.350	399	404	405	rBV4	1782	2589	0.07%	0.010%
21	4.374	405	408	410	rBV4	3500	4435	0.12%	0.017%
22	4.399	410	412	418	rVB7	3377	5742	0.15%	0.022%
23	4.557	434	438	441	rBV6	2088	2802	0.08%	0.011%
24	4.612	441	447	452	rBV9	2263	5339	0.14%	0.021%
25	4.673	455	457	460	rVB4	1865	2176	0.06%	0.008%
26	4.917	487	497	507	rBV2	19694	77788	2.08%	0.303%
27	5.124	526	531	535	rVB8	1624	2929	0.08%	0.011%
28	5.356	565	569	572	rBV6	1631	3019	0.08%	0.012%
29	5.386	572	574	577	rBV4	1471	1558	0.04%	0.006%
30	5.557	598	602	605	rVB6	1253	1472	0.04%	0.006%
31	5.630	613	614	618	rVB4	1772	1450	0.04%	0.006%
32	5.703	623	626	631	rBV6	1230	2548	0.07%	0.010%
33	5.746	631	633	635	rVV3	1648	1514	0.04%	0.006%
34	5.777	635	638	639	rVV3	1744	2074	0.06%	0.008%
35	5.795	639	641	643	rVV3	2341	2204	0.06%	0.009%
36	5.813	643	644	646	rVV2	1499	1393	0.04%	0.005%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A46H4

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\SFAMWLM062623SMA.M
Title : SFAM01.0

37	5.941	656	665	674	rVV5	8132	26003	0.70%	0.101%
38	6.136	694	697	699	rBV4	1329	1633	0.04%	0.006%
39	6.167	701	702	705	rBV3	1457	1569	0.04%	0.006%
40	6.234	711	713	717	rBV5	2334	2941	0.08%	0.011%
41	6.301	717	724	725	rVV7	2461	3710	0.10%	0.014%
42	6.338	728	730	732	rVB3	2008	1512	0.04%	0.006%
43	6.368	732	735	738	rBV5	1066	1675	0.04%	0.007%
44	6.423	741	744	745	rBV3	1774	1750	0.05%	0.007%
45	6.581	765	770	771	rBV5	1698	1923	0.05%	0.007%
46	6.929	823	827	829	rBV4	1164	1818	0.05%	0.007%
47	6.996	837	838	841	rVB3	1656	1616	0.04%	0.006%
48	7.081	843	852	860	rBV	102088	327264	8.76%	1.275%
49	7.167	862	866	882	rVV	65677	191345	5.12%	0.746%
50	7.380	899	901	904	rVB4	1642	1557	0.04%	0.006%
51	7.404	904	905	909	rBV4	1908	2566	0.07%	0.010%
52	7.539	925	927	933	rVB7	2205	3318	0.09%	0.013%
53	7.648	933	945	961	rBV	619849	1512771	40.51%	5.895%
54	7.801	968	970	975	rVB6	1597	1813	0.05%	0.007%
55	8.038	1007	1009	1010	rVB2	2141	1473	0.04%	0.006%
56	8.063	1010	1013	1014	rBV3	1971	1790	0.05%	0.007%
57	8.276	1037	1048	1064	rBV2	1266555	3734121	100.00%	14.551%
58	8.453	1074	1077	1079	rVB4	2087	2378	0.06%	0.009%
59	8.477	1079	1081	1083	rVB3	1743	1524	0.04%	0.006%
60	8.520	1083	1088	1089	rBV5	828	1535	0.04%	0.006%
61	8.575	1096	1097	1102	rVB5	2052	2551	0.07%	0.010%
62	8.642	1105	1108	1111	rVB5	1159	1437	0.04%	0.006%
63	8.703	1111	1118	1128	rVB3	7190	19935	0.53%	0.078%
64	8.843	1131	1141	1157	rBV	1334344	2616974	70.08%	10.198%
65	9.008	1164	1168	1169	rBV4	1527	2011	0.05%	0.008%
66	9.081	1172	1180	1186	rBV4	4530	10913	0.29%	0.043%
67	9.160	1191	1193	1197	rVB4	1351	1535	0.04%	0.006%
68	9.197	1197	1199	1201	rBV3	1668	1584	0.04%	0.006%
69	9.276	1201	1212	1222	rBV	838698	1757318	47.06%	6.848%
70	9.386	1229	1230	1234	rVB4	2173	2543	0.07%	0.010%
71	9.660	1271	1275	1276	rBV4	2160	2970	0.08%	0.012%
72	9.867	1304	1309	1310	rBV5	1324	1964	0.05%	0.008%
73	9.953	1319	1323	1328	rBV8	2159	2928	0.08%	0.011%
74	10.032	1328	1336	1345	rBV	372781	688634	18.44%	2.683%
75	10.130	1350	1352	1358	rVB7	4189	6740	0.18%	0.026%
76	10.209	1358	1365	1372	rBV3	6324	15293	0.41%	0.060%

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Instrument :
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ClientSampleId :
A46H4

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\SFAMWLM062623SMA.M
Title : SFAM01.0

77	10.325	1375	1384	1392	rBV	1589547	2825943	75.68%	11.012%
78	10.386	1392	1394	1398	rVB3	5570	7900	0.21%	0.031%
79	10.501	1411	1413	1418	rVB6	4368	5137	0.14%	0.020%
80	10.575	1419	1425	1436	rVB	238285	421262	11.28%	1.642%
81	10.703	1440	1446	1453	rVB2	13322	24513	0.66%	0.096%
82	10.757	1453	1455	1460	rVB6	1930	2808	0.08%	0.011%
83	10.855	1470	1471	1474	rVB3	1651	1493	0.04%	0.006%
84	10.922	1475	1482	1498	rBV3	332707	698452	18.70%	2.722%
85	11.227	1529	1532	1533	rBV3	2746	3338	0.09%	0.013%
86	11.629	1591	1598	1609	rBV	1480839	2472642	66.22%	9.635%
87	11.708	1609	1611	1619	rVB4	8991	18242	0.49%	0.071%
88	11.837	1626	1632	1637	rBV10	4156	9894	0.26%	0.039%
89	11.922	1644	1646	1650	rVB5	2773	2887	0.08%	0.011%
90	12.464	1732	1735	1741	rBV7	5887	10121	0.27%	0.039%
91	12.605	1754	1758	1763	rVB2	18122	29137	0.78%	0.114%
92	12.690	1766	1772	1780	rBV	501122	830010	22.23%	3.234%
93	12.977	1802	1819	1845	rVB4	186209	1367737	36.63%	5.330%
94	13.556	1908	1914	1925	rVB	814156	1292953	34.63%	5.038%
95	13.848	1954	1962	1969	rBV	622669	1050509	28.13%	4.094%
96	14.062	1994	1997	2004	rBV	12171	17510	0.47%	0.068%
97	14.848	2115	2126	2137	rVB	196086	611324	16.37%	2.382%
98	15.318	2199	2203	2208	rBV2	29036	50629	1.36%	0.197%
99	15.915	2294	2301	2317	rVB9	40805	171259	4.59%	0.667%
100	16.275	2356	2360	2371	rVB	36390	72613	1.94%	0.283%

Sum of corrected areas: 25662135

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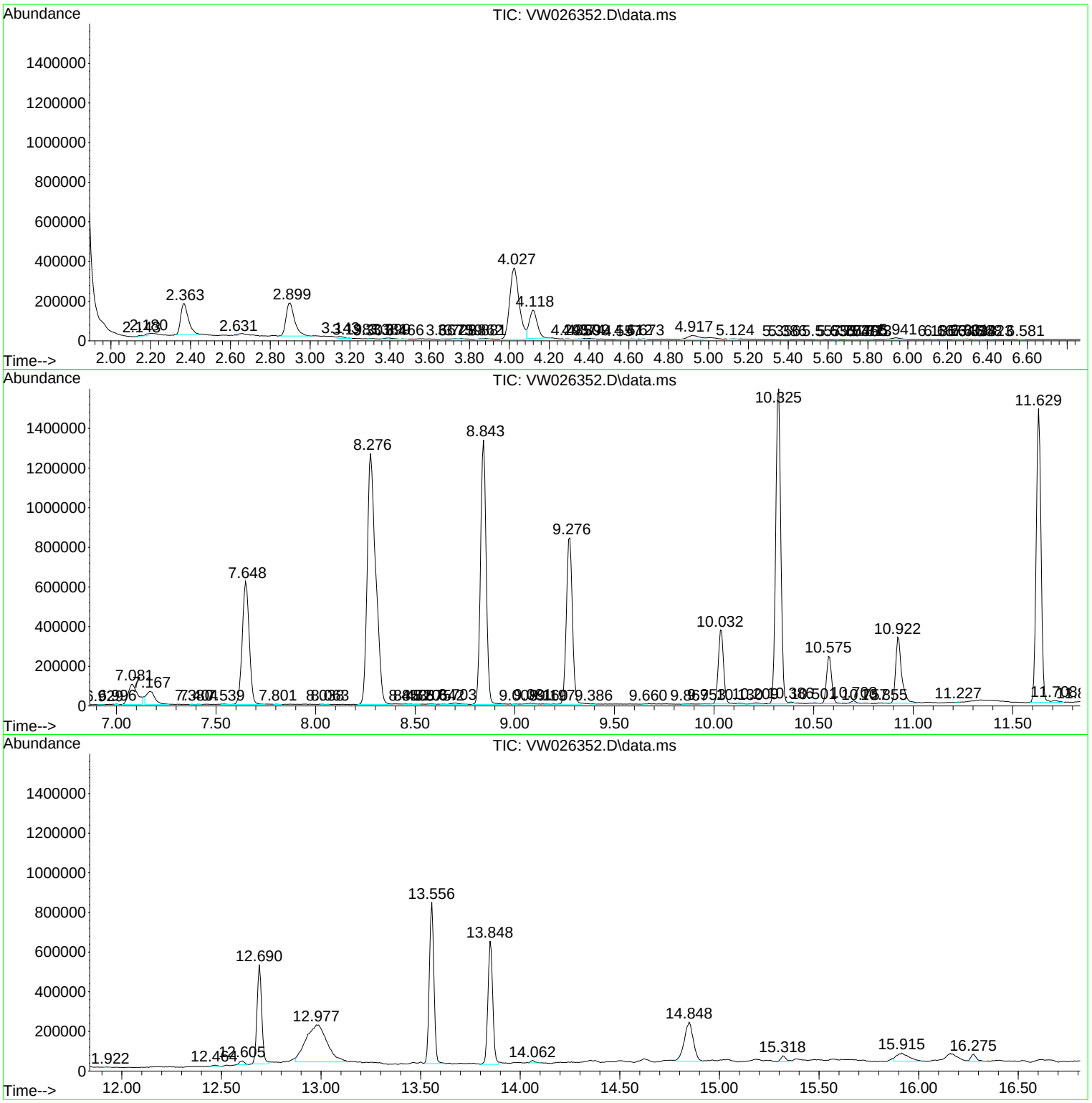
Instrument :
MSVOA_W
ClientSampleId :
A46H4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46H4

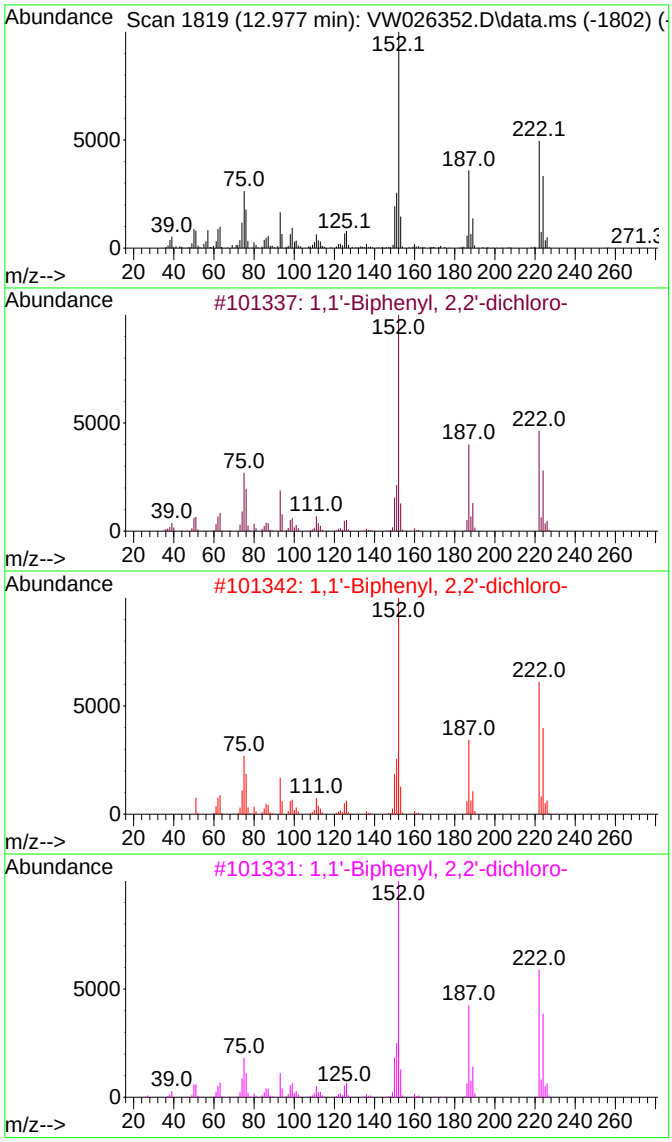
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

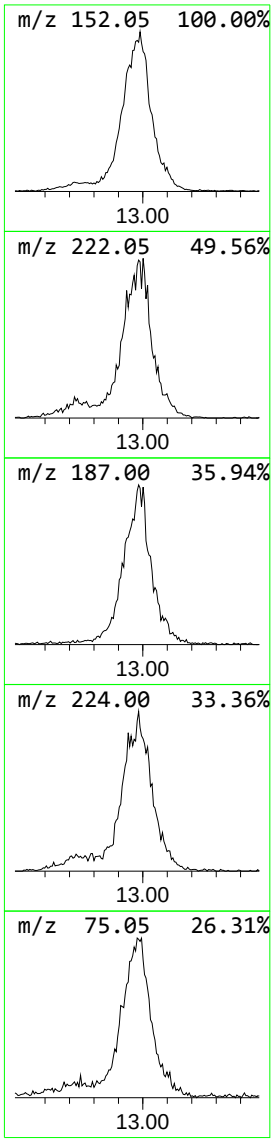
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	26.45 ug/L	1367740	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97





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Instrument :
MSVOA_W
ClientSampleId :
A46H4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

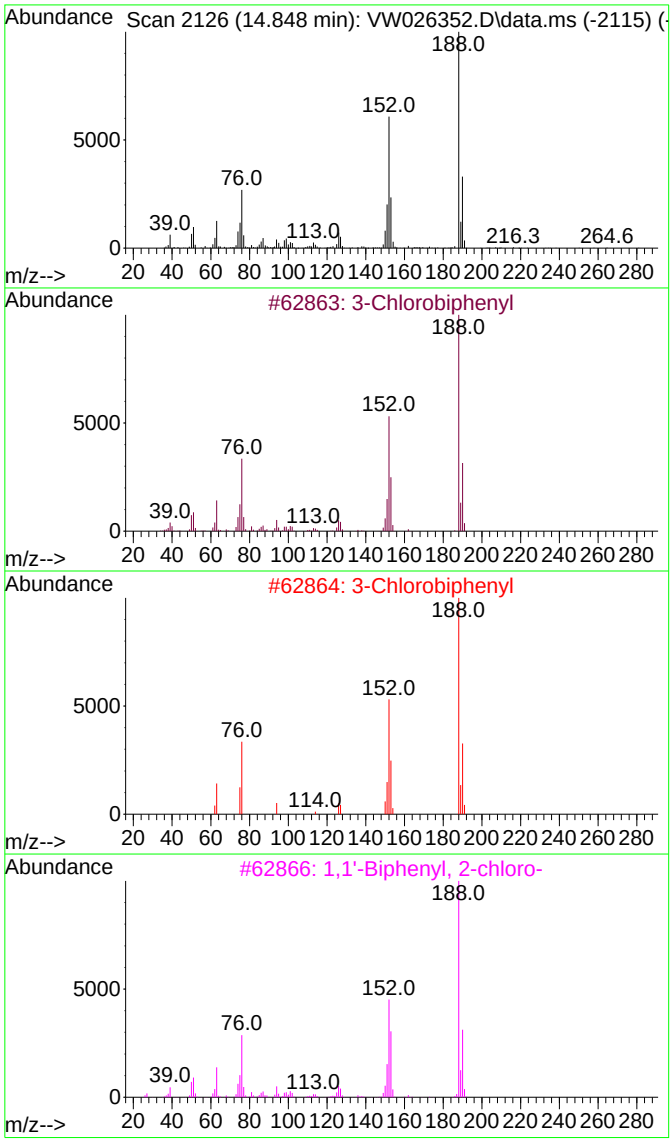
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

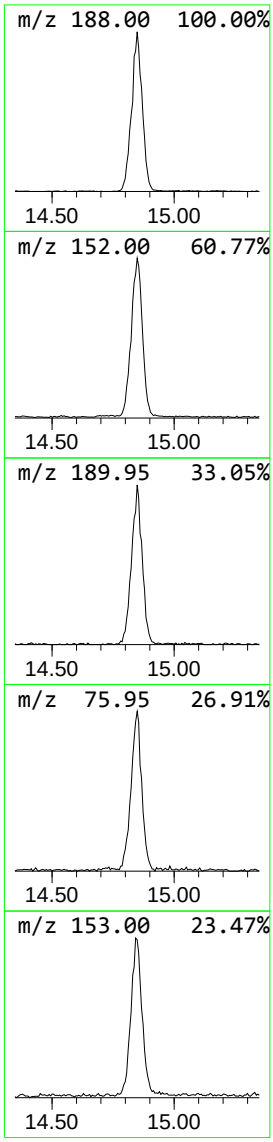
****

Peak Number 3 3-Chlorobiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	11.82 ug/L	611324	1,4-Dichlorobenzene-d4	13.556

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





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ClientSampleId :
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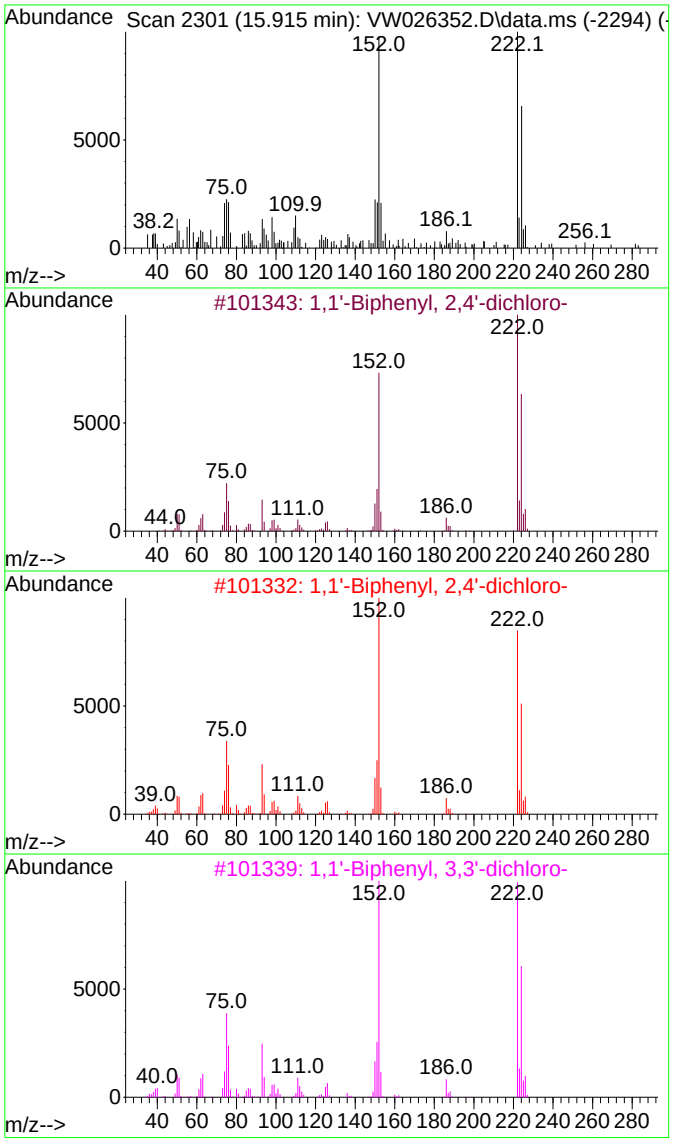
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

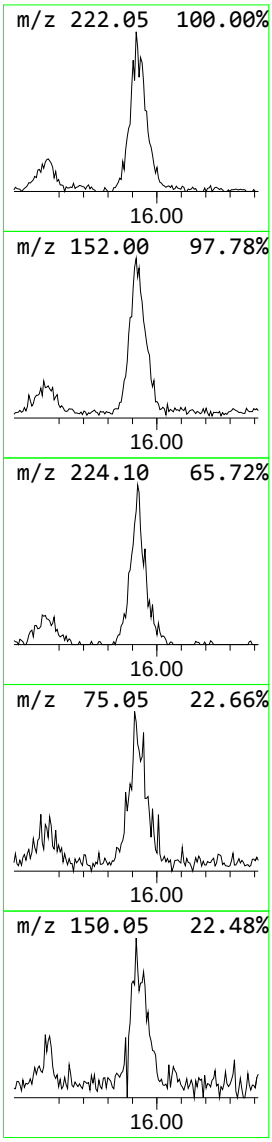
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,4'-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.915	3.31 ug/L	171259	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
2	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	95
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95
5	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	95





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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_W
ClientSampleId :
A46H4

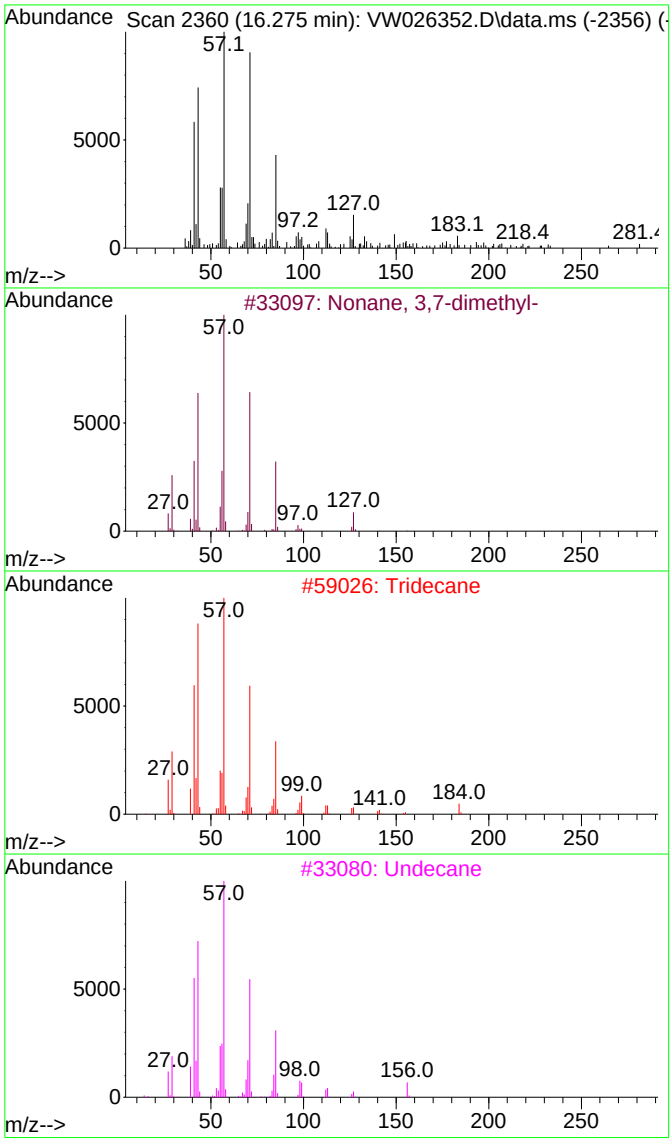
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

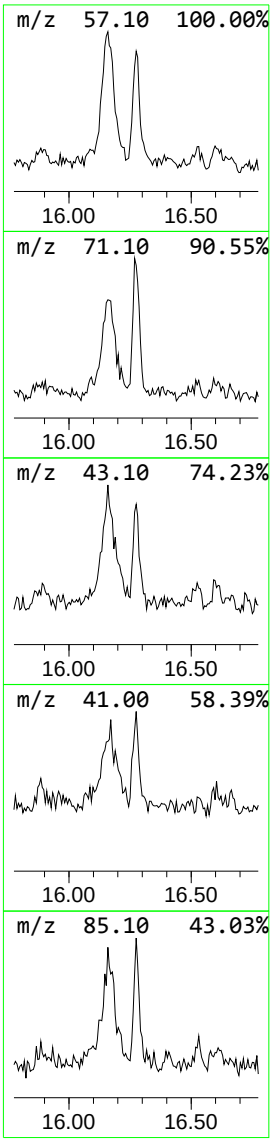
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	1.40 ug/L	72613	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
2	Tridecane	184	C13H28	000629-50-5	86
3	Undecane	156	C11H24	001120-21-4	86
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
5	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72





Tentatively Identified Compound (LSC) summary

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Instrument :
MSVOA_W
ClientSampleId :
A46H4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.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
1,1'-Biphenyl, ...	12.977	26.4	ug/L	1367740	3	13.556	1292950	25.0
3-Chlorobiphenyl	14.848	11.8	ug/L	611324	3	13.556	1292950	25.0
1,1'-Biphenyl, ...	15.915	3.3	ug/L	171259	3	13.556	1292950	25.0
(DEL) Alkane: S...	16.275	1.4	ug/L	72613	3	13.556	1292950	25.0