LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052919\
Data File : VV011100.D
Acq On : 29 May 2019 12:01
Operator : SY/MD
Sample : K3006-12
Misc : 3.65G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH74

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_V\METHOD\SOM2VLM052819S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.203	31	35	49	rVB2	68955	79288	5.09%	0.778%
2	1.312	64	69	77	rVB	229838	212190	13.62%	2.081%
3	1.560	141	146	155	rVB	160706	183321	11.77%	1.798%
4	2.119	312	320	332	rVB	351045	488331	31.34%	4.789%
5	3.135	634	636	637	rBV2	934	331	0.02%	0.003%
6	3.492	744	747	750	rBV3	1615	1250	0.08%	0.012%
7	3.540	760	762	766	rBV4	812	514	0.03%	0.005%
8	3.624	785	788	791	rVB4	1398	988	0.06%	0.010%
9	3.672	799	803	807	rBV6	1061	1127	0.07%	0.011%
10	3.756	826	829	830	rBV3	1162	554	0.04%	0.005%
11	3.817	845	848	849	rBV3	810	346	0.02%	0.003%
12	3.859	856	861	863	rBV5	1292	1119	0.07%	0.011%
13	3.936	874	885	917	rBV2	68461	236384	15.17%	2.318%
14	4.296	995	997	998	rBV2	768	295	0.02%	0.003%
15	4.396	1012	1028	1054	rBV	234001	603777	38.75%	5.922%
16	4.852	1168	1170	1171	rBV2	754	254	0.02%	0.002%
17	4.917	1187	1190	1194	rBV5	1393	1354	0.09%	0.013%
18	5.016	1216	1221	1225	rBV6	1262	1126	0.07%	0.011%
19	5.090	1225	1244	1282	rBV2	617009	1557983	100.00%	15.280%
20	5.470	1360	1362	1368	rBV6	751	589	0.04%	0.006%
21	5.492	1368	1369	1371	rBV2	877	434	0.03%	0.004%
22	5.659	1402	1421	1450	rBV	415078	860821	55.25%	8.443%
23	6.061	1544	1546	1548	rBV3	1207	587	0.04%	0.006%
24	6.116	1549	1563	1584	rVV	350336	718687	46.13%	7.049%
25	6.386	1645	1647	1649	rVB3	1175	505	0.03%	0.005%
26	6.405	1649	1653	1657	rBV7	1095	984	0.06%	0.010%
27	6.437	1661	1663	1666	rVB4	865	459	0.03%	0.005%
28	6.457	1666	1669	1670	rBV3	767	489	0.03%	0.005%
29	6.550	1694	1698	1700	rBV5	1039	710	0.05%	0.007%
30	6.563	1700	1702	1704	rVB4	616	294	0.02%	0.003%
31	6.589	1707	1710	1713	rBV3	882	648	0.04%	0.006%
32	6.614	1717	1718	1721	rBV3	621	317	0.02%	0.003%
33	6.650	1724	1729	1730	rBV5	1487	1183	0.08%	0.012%
34	6.884	1798	1802	1804	rBV5	850	515	0.03%	0.005%

LSC Area Percent Report

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Operator : SY/MD
Sample : K3006-12
Misc : 3.65G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH74

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_V\METHOD\SOM2VLM052819S.M
Title : VOC Analysis

35	6.917	1809	1812	1815	rBV4	844	614	0.04%	0.006%
36	6.952	1821	1823	1825	rBV2	833	403	0.03%	0.004%
37	7.026	1832	1846	1864	rBV	202658	354911	22.78%	3.481%
38	7.357	1937	1949	1966	rBV	673287	1174282	75.37%	11.517%
39	7.614	2027	2029	2032	rBV4	690	381	0.02%	0.004%
40	7.662	2032	2044	2063	rVV	131683	225185	14.45%	2.209%
41	7.839	2097	2099	2103	rBV4	1465	905	0.06%	0.009%
42	8.132	2179	2190	2207	rBV	241176	415905	26.70%	4.079%
43	8.367	2261	2263	2264	rBV2	762	270	0.02%	0.003%
44	8.396	2270	2272	2274	rBV3	1283	479	0.03%	0.005%
45	8.463	2281	2293	2308	rBV2	23476	50573	3.25%	0.496%
46	8.714	2369	2371	2373	rBV2	1009	544	0.03%	0.005%
47	8.769	2385	2388	2389	rBV2	837	450	0.03%	0.004%
48	8.894	2414	2427	2449	rBV	572374	950743	61.02%	9.325%
49	9.180	2509	2516	2525	rBV8	6055	9794	0.63%	0.096%
50	9.267	2540	2543	2546	rBV5	888	758	0.05%	0.007%
51	9.299	2552	2553	2557	rBV4	902	393	0.03%	0.004%
52	9.338	2561	2565	2566	rBV3	745	389	0.02%	0.004%
53	9.347	2566	2568	2569	rBV2	700	302	0.02%	0.003%
54	9.379	2575	2578	2580	rBV4	1183	755	0.05%	0.007%
55	9.418	2588	2590	2593	rBV2	601	321	0.02%	0.003%
56	9.453	2598	2601	2603	rBV2	1517	998	0.06%	0.010%
57	9.521	2616	2622	2625	rBV7	1282	954	0.06%	0.009%
58	9.588	2636	2643	2656	rBV6	4679	9163	0.59%	0.090%
59	9.656	2661	2664	2665	rBV3	763	397	0.03%	0.004%
60	9.749	2691	2693	2696	rVB4	1341	704	0.05%	0.007%
61	9.791	2702	2706	2711	rVB6	1713	1239	0.08%	0.012%
62	9.823	2711	2716	2718	rBV5	1187	1020	0.07%	0.010%
63	9.836	2718	2720	2721	rBV2	660	268	0.02%	0.003%
64	9.916	2743	2745	2748	rVB3	1172	538	0.03%	0.005%
65	9.936	2748	2751	2752	rBV3	1065	539	0.03%	0.005%
66	10.023	2774	2778	2780	rBV3	758	574	0.04%	0.006%
67	10.109	2802	2805	2806	rBV2	1655	1030	0.07%	0.010%
68	10.164	2817	2822	2823	rBV5	1321	938	0.06%	0.009%
69	10.260	2836	2852	2876	rBV	306727	489211	31.40%	4.798%
70	10.379	2887	2889	2890	rBV2	799	317	0.02%	0.003%
71	10.424	2894	2903	2915	rVB3	10388	18302	1.17%	0.179%

LSC Area Percent Report

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Sample : K3006-12
Misc : 3.65G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH74

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_V\METHOD\SOM2VLM052819S.M
Title : VOC Analysis

72	10.469	2915	2917	2920	rBV4	720	389	0.02%	0.004%
73	10.566	2940	2947	2949	rBV8	1116	1390	0.09%	0.014%
74	10.624	2956	2965	2973	rBV8	2840	5336	0.34%	0.052%
75	10.678	2980	2982	2986	rVB5	1154	610	0.04%	0.006%
76	10.704	2986	2990	2992	rBV3	1572	1179	0.08%	0.012%
77	10.868	3037	3041	3043	rBV3	1286	817	0.05%	0.008%
78	10.958	3062	3069	3078	rBV3	3147	4447	0.29%	0.044%
79	11.074	3101	3105	3106	rBV4	987	846	0.05%	0.008%
80	11.293	3162	3173	3193	rBV	389318	642758	41.26%	6.304%
81	11.505	3237	3239	3242	rVB4	1310	678	0.04%	0.007%
82	11.521	3242	3244	3248	rBV5	923	746	0.05%	0.007%
83	11.559	3254	3256	3259	rBV3	1428	1199	0.08%	0.012%
84	11.672	3278	3291	3306	rBV	423973	698189	44.81%	6.848%
85	12.141	3436	3437	3439	rBV2	922	393	0.03%	0.004%
86	12.231	3461	3465	3468	rBV4	498	444	0.03%	0.004%
87	12.289	3475	3483	3494	rBV2	7596	14524	0.93%	0.142%
88	12.453	3532	3534	3536	rVB4	1399	653	0.04%	0.006%
89	12.874	3663	3665	3666	rBV2	917	266	0.02%	0.003%
90	12.887	3666	3669	3670	rBV3	858	493	0.03%	0.005%
91	12.971	3692	3695	3696	rBV4	1025	675	0.04%	0.007%
92	13.045	3715	3718	3720	rBV4	1188	709	0.05%	0.007%
93	13.231	3774	3776	3778	rBV2	1063	484	0.03%	0.005%
94	13.305	3796	3799	3801	rBV3	1503	934	0.06%	0.009%
95	13.370	3816	3819	3820	rBV4	982	523	0.03%	0.005%
96	13.649	3903	3906	3908	rBV3	850	543	0.03%	0.005%
97	14.145	4058	4060	4065	rBV6	1276	1204	0.08%	0.012%
98	14.939	4305	4307	4310	rBV4	1372	679	0.04%	0.007%
99	15.019	4329	4332	4333	rBV3	1155	593	0.04%	0.006%
100	16.505	4786	4794	4809	rVB	91409	142136	9.12%	1.394%

Sum of corrected areas: 10196140

LSC Report - Integrated Chromatogram

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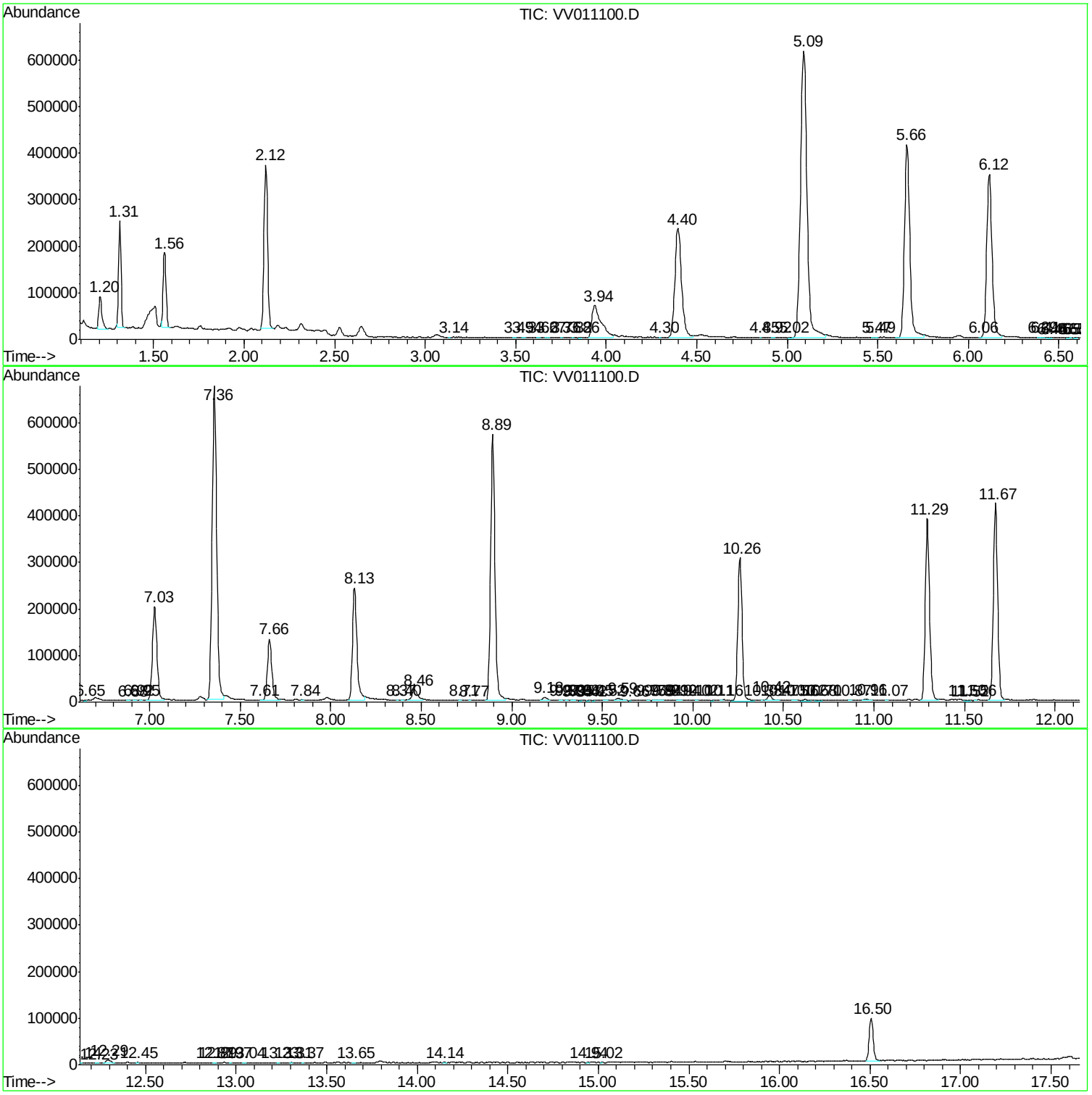
Misc : 3.65G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH74

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Data File : VV011100.D
Acq On : 29 May 2019 12:01
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Instrument : MSVOA_V
ClientSampleId : BFH74

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

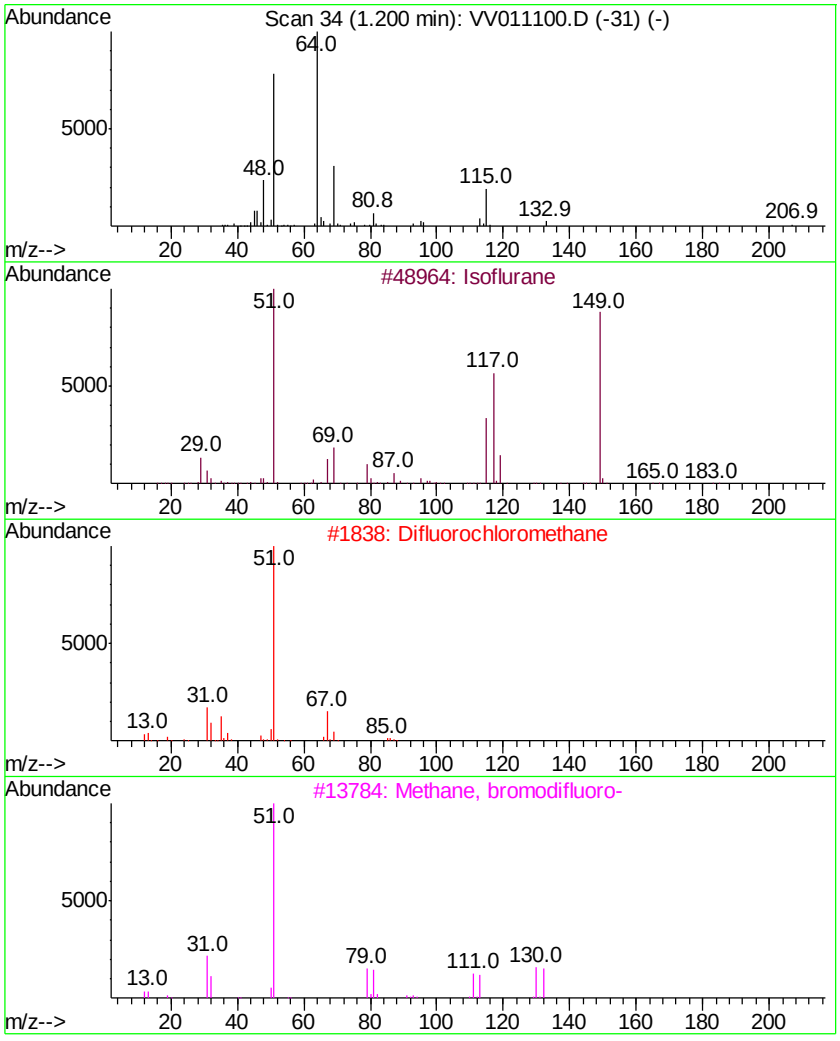
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

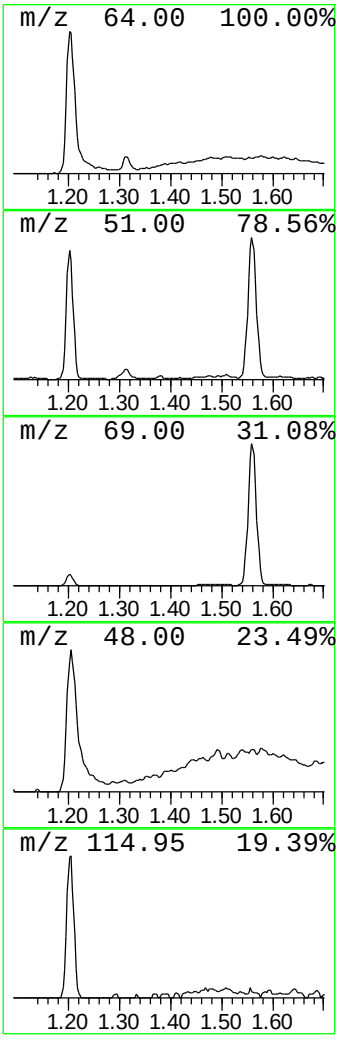
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.20	2.30 ug/L	79288	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoflurane	184	C3H2ClF5O	026675-46-7	23
2	Difluorochloromethane	86	CHClF2	000075-45-6	17
3	Methane, bromodifluoro-	130	CHBrF2	001511-62-2	9
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	7
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	7





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

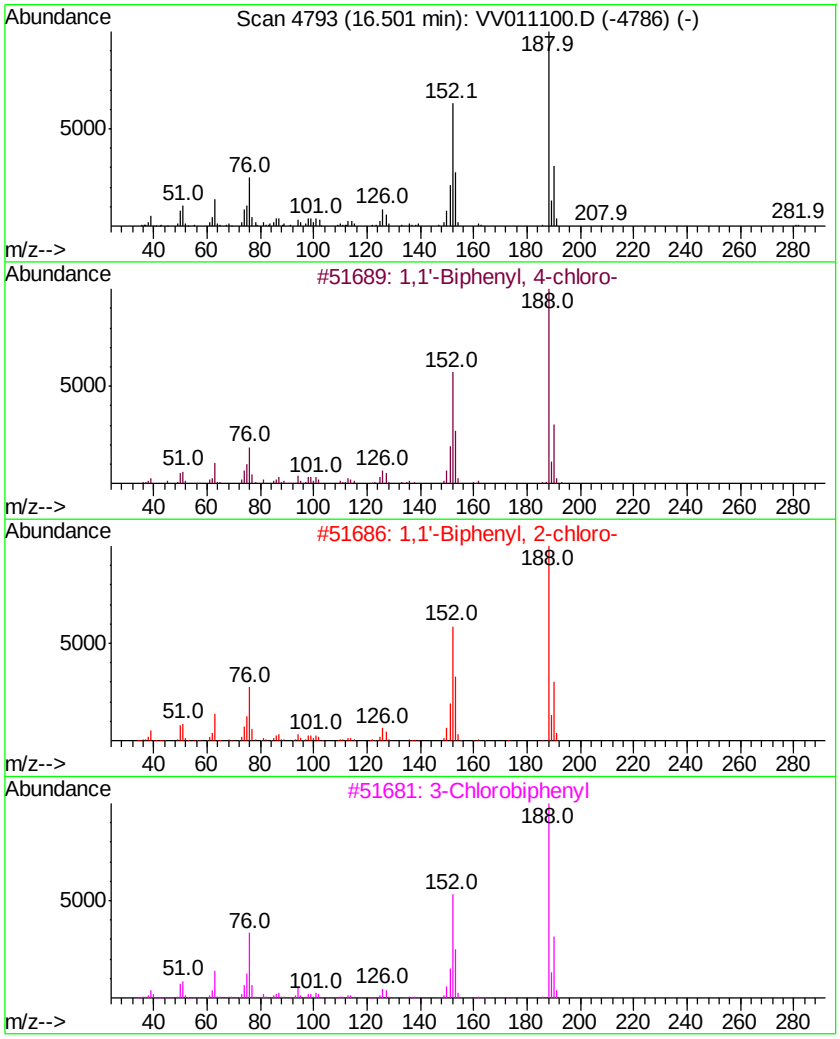
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

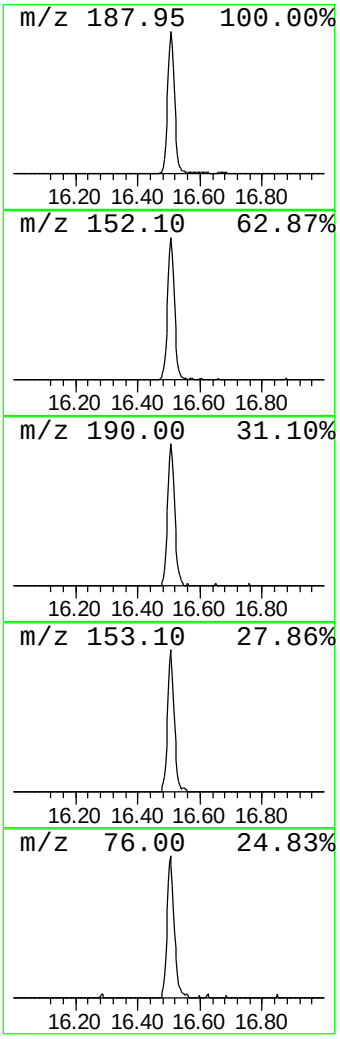
****

Peak Number 4 1,1'-Biphenyl, 4-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	5.53 ug/L	142136	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	98
2	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	96
3	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	95
4	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	94
5	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.20	2.3	ug/L	79288	1	5.66	860821	25.0
1,1'-Biphenyl, 4-...	16.50	5.5	ug/L	142136	3	11.30	642758	25.0