LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
Data File : VW003420.D
Acq On : 22 Jun 2018 12:12
Operator : SY/AP
Sample : J3568-16
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

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\SOM2WLM062018S.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	1.746	15	26	28	rBV	12121	23138	1.09%	0.176%
2	1.807	28	36	55	rVB	954545	2127077	100.00%	16.205%
3	2.154	87	93	120	rBV	188225	655656	30.82%	4.995%
4	2.349	120	125	133	rVB	86460	167542	7.88%	1.276%
5	2.886	207	213	232	rVB	73571	193442	9.09%	1.474%
6	3.855	367	372	382	rVB6	2758	7005	0.33%	0.053%
7	4.001	384	396	412	rBV	140061	432167	20.32%	3.292%
8	4.148	415	420	426	rVB7	2642	7114	0.33%	0.054%
9	4.447	464	469	470	rBV4	912	1381	0.06%	0.011%
10	4.471	470	473	474	rBV2	706	741	0.03%	0.006%
11	4.501	476	478	479	rBV2	849	750	0.04%	0.006%
12	4.910	534	545	564	rBV3	9955	40863	1.92%	0.311%
13	5.221	592	596	598	rBV4	414	587	0.03%	0.004%
14	5.288	604	607	609	rVB	758	733	0.03%	0.006%
15	5.428	627	630	635	rVV5	505	1015	0.05%	0.008%
16	5.562	647	652	655	rBV3	396	727	0.03%	0.006%
17	5.623	661	662	668	rVB3	339	566	0.03%	0.004%
18	5.708	674	676	677	rBV2	597	532	0.03%	0.004%
19	5.739	677	681	682	rBV3	1674	1880	0.09%	0.014%
20	5.934	699	713	726	rBV4	13683	41606	1.96%	0.317%
21	6.026	726	728	731	rVB3	473	589	0.03%	0.004%
22	6.135	743	746	753	rVB6	674	1207	0.06%	0.009%
23	6.599	818	822	824	rBV3	409	561	0.03%	0.004%
24	6.989	885	886	892	rVB3	561	559	0.03%	0.004%
25	7.098	892	904	909	rBV	53741	154266	7.25%	1.175%
26	7.367	946	948	951	rVB3	586	510	0.02%	0.004%
27	7.495	967	969	971	rBV3	499	609	0.03%	0.005%
28	7.544	974	977	979	rBV2	800	1091	0.05%	0.008%
29	7.647	984	994	1006	rVB	203085	497000	23.37%	3.786%
30	7.946	1039	1043	1049	rVB5	662	1400	0.07%	0.011%
31	8.275	1084	1097	1114	rBV3	470565	1467629	69.00%	11.181%
32	8.391	1114	1116	1117	rBV3	552	577	0.03%	0.004%
33	8.403	1117	1118	1122	rVB4	1116	848	0.04%	0.006%
34	8.635	1152	1156	1159	rBV4	834	1269	0.06%	0.010%

LSC Area Percent Report

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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

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\SOM2WLM062018S.M
Title : VOC Analysis

35	8.696	1162	1166	1171	rVB6	1665	2706	0.13%	0.021%
36	8.775	1176	1179	1181	rBV3	574	633	0.03%	0.005%
37	8.848	1181	1191	1202	rBV	456821	896688	42.16%	6.831%
38	9.049	1222	1224	1225	rBV	804	676	0.03%	0.005%
39	9.086	1225	1230	1233	rVB7	1679	3368	0.16%	0.026%
40	9.281	1252	1262	1272	rBV	285494	579397	27.24%	4.414%
41	9.476	1290	1294	1296	rVB3	669	720	0.03%	0.005%
42	9.513	1296	1300	1302	rBV4	623	578	0.03%	0.004%
43	9.665	1320	1325	1330	rVB6	1613	2904	0.14%	0.022%
44	9.763	1336	1341	1346	rBV5	2455	4365	0.21%	0.033%
45	9.897	1355	1363	1371	rBV5	6023	14580	0.69%	0.111%
46	10.037	1371	1386	1397	rBV	144416	273901	12.88%	2.087%
47	10.214	1412	1415	1417	rBV3	1490	1860	0.09%	0.014%
48	10.250	1417	1421	1422	rVV3	1698	2348	0.11%	0.018%
49	10.330	1426	1434	1441	rBV	564678	983367	46.23%	7.492%
50	10.512	1459	1464	1466	rBV4	978	1775	0.08%	0.014%
51	10.580	1469	1475	1483	rVV	104864	178153	8.38%	1.357%
52	10.714	1490	1497	1503	rBV	44699	82125	3.86%	0.626%
53	10.854	1514	1520	1526	rVB3	6072	10182	0.48%	0.078%
54	10.933	1526	1533	1549	rBV	222763	377259	17.74%	2.874%
55	11.073	1549	1556	1562	rBV	35908	59749	2.81%	0.455%
56	11.183	1569	1574	1579	rVB4	8795	13411	0.63%	0.102%
57	11.262	1584	1587	1590	rBV5	704	820	0.04%	0.006%
58	11.342	1597	1600	1605	rVB5	1353	2135	0.10%	0.016%
59	11.445	1605	1617	1626	rVB	30448	61346	2.88%	0.467%
60	11.537	1626	1632	1633	rBV5	1229	2112	0.10%	0.016%
61	11.634	1641	1648	1656	rBV	656944	1104206	51.91%	8.412%
62	11.951	1697	1700	1702	rBV4	904	1138	0.05%	0.009%
63	12.073	1717	1720	1722	rBV4	1167	1638	0.08%	0.012%
64	12.177	1733	1737	1741	rVB6	2174	3768	0.18%	0.029%
65	12.348	1763	1765	1767	rBV2	1256	1233	0.06%	0.009%
66	12.476	1782	1786	1791	rVV5	3522	6149	0.29%	0.047%
67	12.616	1803	1809	1816	rBV	24735	41630	1.96%	0.317%
68	12.701	1816	1823	1837	rVV	275808	463790	21.80%	3.533%
69	12.872	1849	1851	1854	rBV3	927	848	0.04%	0.006%
70	12.902	1854	1856	1858	rBV2	1114	833	0.04%	0.006%
71	12.939	1858	1862	1868	rBV4	5617	9451	0.44%	0.072%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
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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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Title : VOC Analysis

72	13.012	1873	1874	1875	rVV	1430	729	0.03%	0.006%
73	13.043	1875	1879	1883	rVV7	3178	6172	0.29%	0.047%
74	13.085	1883	1886	1890	rVB6	2111	3429	0.16%	0.026%
75	13.305	1919	1922	1929	rVB2	5440	9242	0.43%	0.070%
76	13.421	1937	1941	1944	rVB5	2845	4664	0.22%	0.036%
77	13.457	1944	1947	1948	rBV2	1205	1009	0.05%	0.008%
78	13.567	1958	1965	1973	rBV	681421	1075875	50.58%	8.197%
79	13.774	1993	1999	2002	rBV8	4315	10195	0.48%	0.078%
80	13.859	2007	2013	2021	rVB	553229	911965	42.87%	6.948%
81	13.963	2027	2030	2034	rBV5	2240	3052	0.14%	0.023%
82	14.085	2046	2050	2062	rVB3	16146	34983	1.64%	0.267%
83	14.341	2086	2092	2096	rBV7	3785	7079	0.33%	0.054%
84	14.695	2148	2150	2153	rVB3	1234	1254	0.06%	0.010%
85	14.737	2153	2157	2160	rBV6	3150	4403	0.21%	0.034%
86	15.042	2205	2207	2209	rBV3	977	542	0.03%	0.004%
87	15.146	2222	2224	2227	rVB4	1541	951	0.04%	0.007%
88	15.182	2228	2230	2236	rVB7	1266	1851	0.09%	0.014%
89	15.268	2242	2244	2247	rBV4	708	780	0.04%	0.006%
90	15.377	2258	2262	2263	rBV3	1646	2176	0.10%	0.017%
91	15.457	2272	2275	2278	rBV4	1814	2279	0.11%	0.017%
92	15.512	2280	2284	2290	rVV2	5152	9471	0.45%	0.072%
93	15.560	2290	2292	2299	rVB8	1782	3467	0.16%	0.026%
94	15.664	2307	2309	2311	rVB3	896	723	0.03%	0.006%
95	15.859	2339	2341	2345	rVB3	1167	1058	0.05%	0.008%
96	16.097	2378	2380	2384	rBV3	562	829	0.04%	0.006%
97	16.133	2384	2386	2388	rVB2	1004	728	0.03%	0.006%
98	16.335	2417	2419	2421	rVB3	744	533	0.03%	0.004%
99	16.505	2443	2447	2448	rBV3	599	807	0.04%	0.006%
100	16.658	2469	2472	2475	rBV4	789	1234	0.06%	0.009%

Sum of corrected areas: 13125959

LSC Report - Integrated Chromatogram

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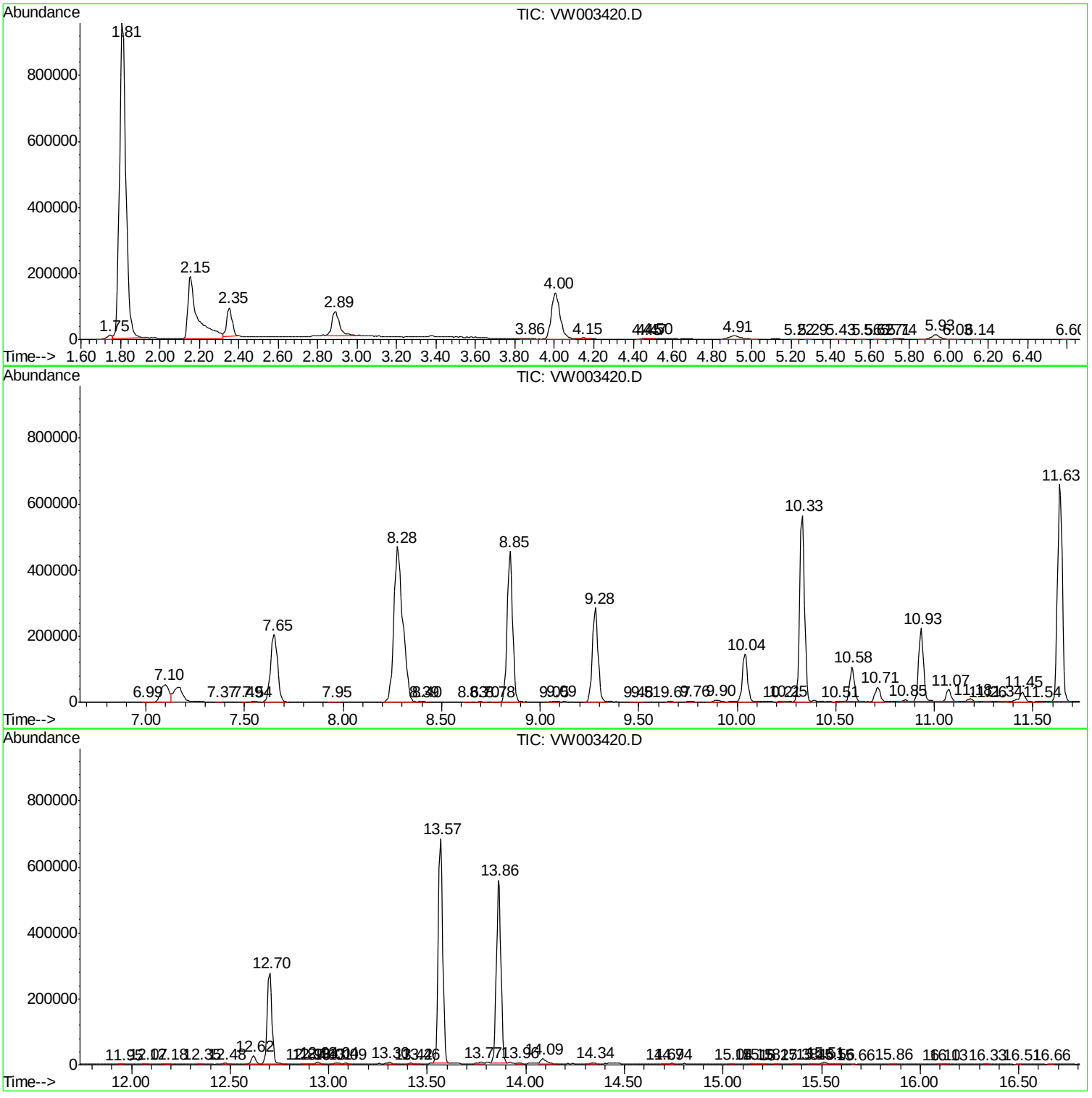
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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_W\DATA\VW062218\
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ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

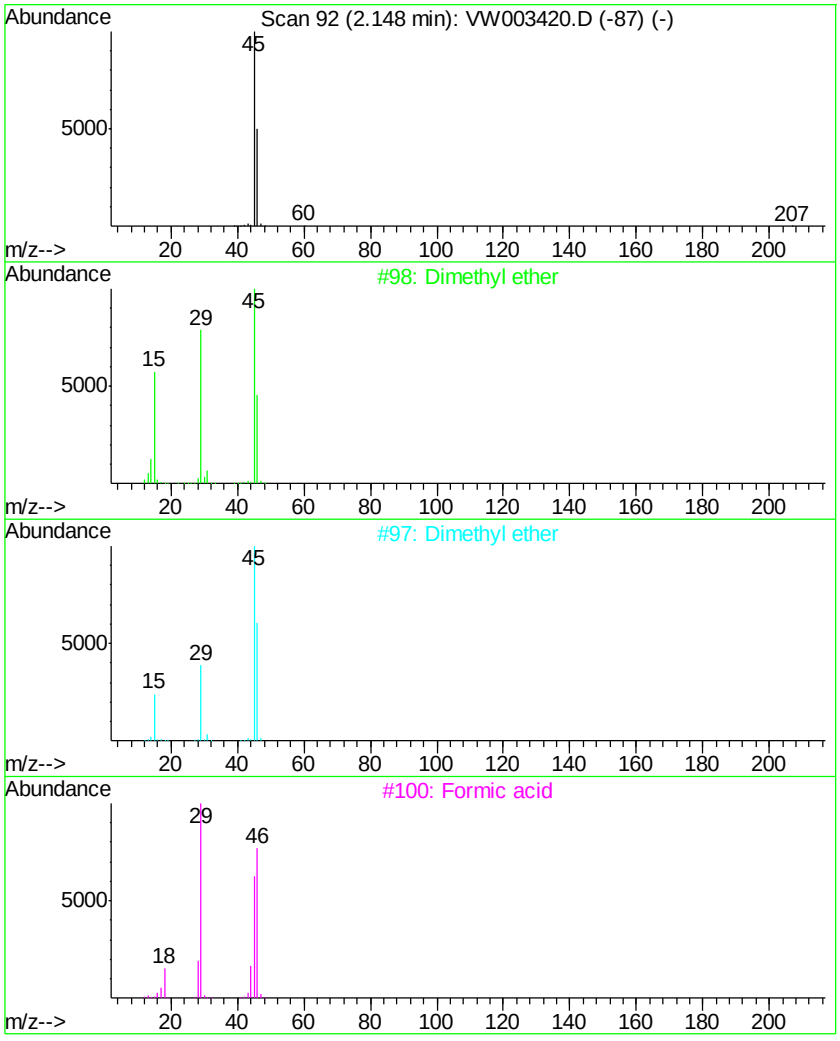
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

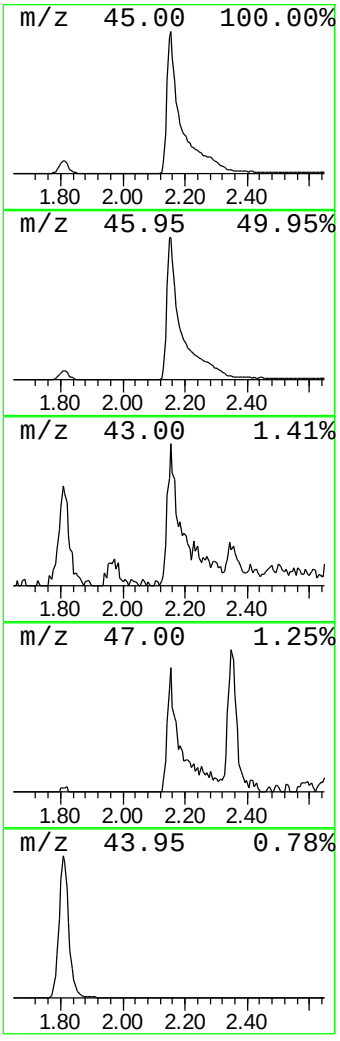
****

Peak Number 2 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	18.28 ug/L	655656	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	90
2	Dimethyl ether	46	C2H6O	000115-10-6	64
3	Formic acid	46	CH2O2	000064-18-6	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Ethanol	46	C2H6O	000064-17-5	7





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

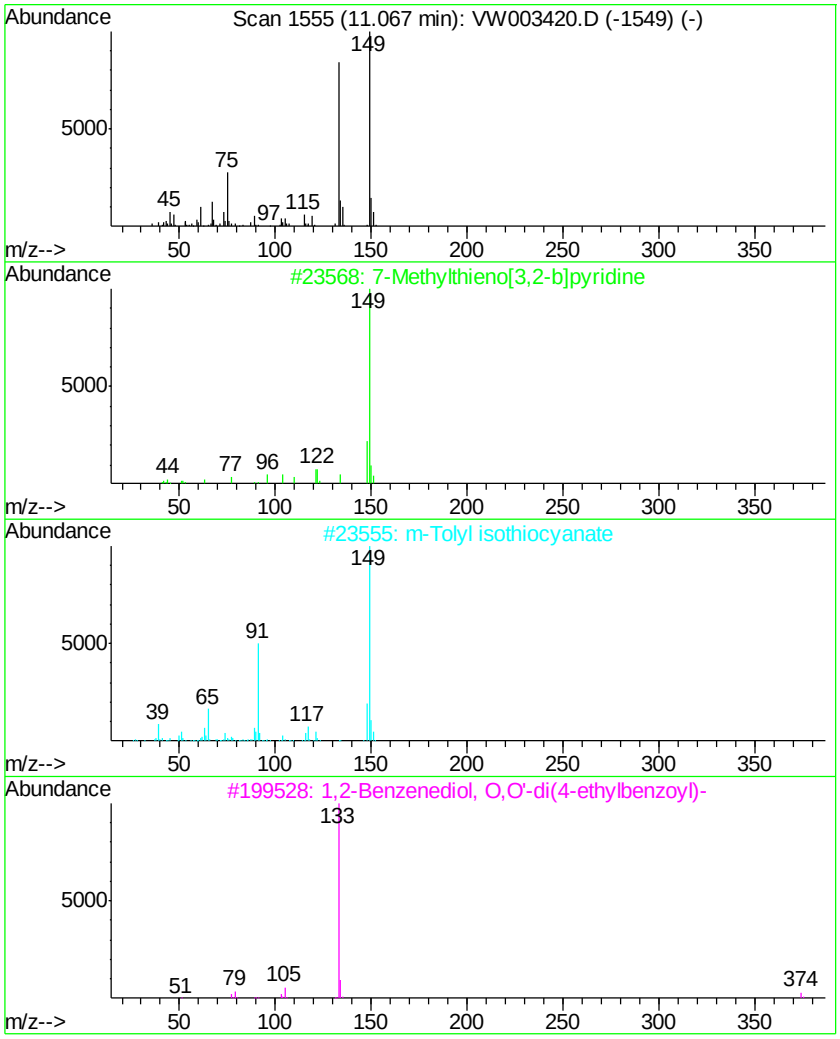
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

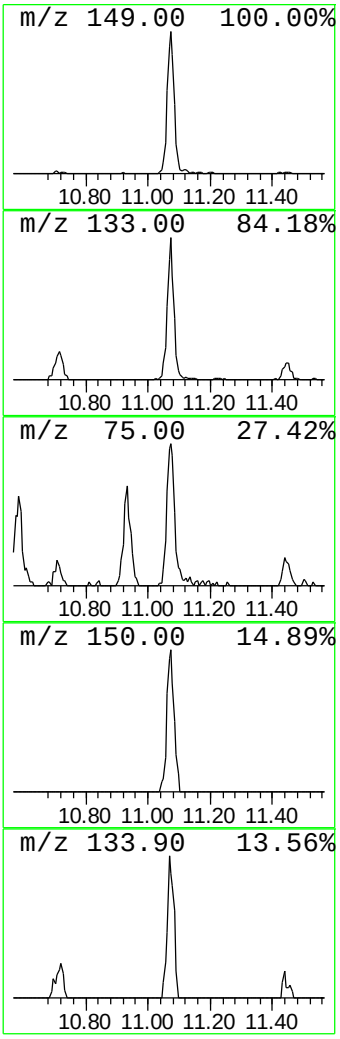
****

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.35 ug/L	59749	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	27
2	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	27
3	1,2-Benzenediol, O,O'-di(4-ethyl...	374	C24H22O4	1000325-97-5	17
4	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	16
5	1H-Benzimidazol-5-amine	133	C7H7N3	000934-22-5	16





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
Dimethyl ether	2.15	18.3	ug/L	655656	1	8.85	896688	25.0
unknown-01	11.07	1.4	ug/L	59749	2	11.63	1104210	25.0