LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007778.D
Acq On : 21 Dec 2018 07:22
Operator : SY/AP
Sample : J6389-03
Misc : 6.49G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1218-01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82W122118S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	26	28	29	rBV	155	92	4.45%	0.442%
2	2.794	145	146	148	rVB2	160	85	4.11%	0.408%
3	2.837	151	153	155	rVB	199	121	5.85%	0.581%
4	2.861	155	157	160	rBV2	143	145	7.01%	0.697%
5	3.013	178	182	184	rBV	204	155	7.50%	0.745%
6	3.050	184	188	190	rVV	115	158	7.64%	0.759%
7	3.093	193	195	199	rBV2	159	199	9.63%	0.956%
8	3.221	213	216	217	rVB	139	104	5.03%	0.500%
9	4.117	361	363	364	rBV	105	84	4.06%	0.404%
10	4.135	364	366	369	rVB	142	150	7.26%	0.721%
11	4.842	481	482	486	rBV	64	110	5.32%	0.529%
12	5.068	516	519	522	rBB	95	129	6.24%	0.620%
13	5.281	552	554	557	rBB	91	101	4.89%	0.485%
14	5.434	577	579	582	rBB	89	102	4.93%	0.490%
15	5.824	640	643	644	rBB	84	84	4.06%	0.404%
16	6.269	714	716	718	rBB	83	82	3.97%	0.394%
17	6.854	809	812	813	rBV	88	79	3.82%	0.380%
18	6.952	826	828	831	rBB	64	88	4.26%	0.423%
19	7.104	850	853	854	rBB	119	110	5.32%	0.529%
20	7.128	854	857	859	rBB	163	179	8.66%	0.860%
21	7.281	881	882	884	rBB	118	83	4.02%	0.399%
22	7.866	976	978	980	rBV	164	193	9.34%	0.927%
23	7.890	980	982	985	rVB2	234	264	12.77%	1.269%
24	7.951	987	992	996	rVB2	438	751	36.33%	3.609%
25	8.140	1020	1023	1025	rBV	89	129	6.24%	0.620%
26	8.311	1047	1051	1055	rVB	207	296	14.32%	1.422%
27	8.842	1133	1138	1144	rBB	511	834	40.35%	4.007%
28	9.238	1202	1203	1207	rBB	65	86	4.16%	0.413%
29	9.646	1268	1270	1271	rBV	107	88	4.26%	0.423%
30	10.329	1376	1382	1386	rBB	531	878	42.48%	4.219%
31	10.390	1387	1392	1396	rBB2	444	721	34.88%	3.465%
32	10.695	1440	1442	1445	rBB2	149	197	9.53%	0.947%
33	11.408	1557	1559	1562	rBB	77	101	4.89%	0.485%
34	11.640	1593	1597	1600	rBB2	469	600	29.03%	2.883%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007778.D
Acq On : 21 Dec 2018 07:22
Operator : SY/AP
Sample : J6389-03
Misc : 6.49G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1218-01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82W122118S.M
Title : SW846 8260

35	11.731	1609	1612	1616	rBB	421	450	21.77%	2.162%
36	11.841	1623	1630	1635	rBB3	1086	2067	100.00%	9.932%
37	12.170	1679	1684	1688	rBB	425	704	34.06%	3.383%
38	12.865	1796	1798	1799	rBV	127	115	5.56%	0.553%
39	12.877	1799	1800	1801	rVV	278	122	5.90%	0.586%
40	12.908	1804	1805	1807	rVV	143	105	5.08%	0.505%
41	12.944	1808	1811	1815	rVB	214	250	12.09%	1.201%
42	13.109	1835	1838	1842	rBB	82	115	5.56%	0.553%
43	13.170	1847	1848	1850	rBV	173	122	5.90%	0.586%
44	13.261	1858	1863	1867	rBB2	477	838	40.54%	4.027%
45	13.469	1895	1897	1899	rBB	112	78	3.77%	0.375%
46	13.725	1937	1939	1942	rBB	74	92	4.45%	0.442%
47	13.767	1943	1946	1947	rBB	124	85	4.11%	0.408%
48	14.011	1984	1986	1987	rBB	160	81	3.92%	0.389%
49	14.078	1995	1997	1999	rBB	141	95	4.60%	0.456%
50	14.213	2016	2019	2020	rVB	85	85	4.11%	0.408%
51	14.249	2023	2025	2028	rBB	136	124	6.00%	0.596%
52	14.316	2035	2036	2038	rBV	142	116	5.61%	0.557%
53	14.475	2057	2062	2063	rBV	79	143	6.92%	0.687%
54	14.530	2068	2071	2072	rBV	143	120	5.81%	0.577%
55	14.578	2077	2079	2081	rBV	153	158	7.64%	0.759%
56	14.633	2086	2088	2091	rBB	189	188	9.10%	0.903%
57	14.670	2091	2094	2097	rBB	186	265	12.82%	1.273%
58	14.694	2097	2098	2101	rBV	183	197	9.53%	0.947%
59	14.767	2104	2110	2114	rBB2	192	409	19.79%	1.965%
60	14.828	2115	2120	2122	rBV	183	239	11.56%	1.148%
61	14.865	2124	2126	2128	rBV	101	102	4.93%	0.490%
62	14.901	2128	2132	2135	rVB	184	196	9.48%	0.942%
63	14.932	2135	2137	2138	rBV	183	139	6.72%	0.668%
64	14.975	2142	2144	2148	rVB	108	104	5.03%	0.500%
65	15.036	2153	2154	2156	rBV	129	113	5.47%	0.543%
66	15.054	2156	2157	2158	rVB	207	76	3.68%	0.365%
67	15.078	2158	2161	2162	rBV	140	169	8.18%	0.812%
68	15.096	2162	2164	2166	rVB	167	125	6.05%	0.601%
69	15.115	2166	2167	2172	rBV	205	319	15.43%	1.533%
70	15.176	2175	2177	2179	rBV2	142	165	7.98%	0.793%
71	15.261	2189	2191	2192	rBV	121	86	4.16%	0.413%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007778.D
Acq On : 21 Dec 2018 07:22
Operator : SY/AP
Sample : J6389-03
Misc : 6.49G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1218-01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82W122118S.M
Title : SW846 8260

72	15.322	2200	2201	2203	rBV	99	83	4.02%	0.399%
73	15.377	2209	2210	2212	rVV	216	113	5.47%	0.543%
74	15.468	2223	2225	2228	rBV	148	131	6.34%	0.629%
75	15.511	2228	2232	2233	rVB	132	161	7.79%	0.774%
76	15.535	2233	2236	2237	rBV	104	91	4.40%	0.437%
77	15.639	2251	2253	2254	rBV	105	89	4.31%	0.428%
78	15.700	2262	2263	2266	rBV	105	82	3.97%	0.394%
79	15.791	2274	2278	2279	rBV	89	83	4.02%	0.399%
80	15.889	2288	2294	2296	rBV	165	183	8.85%	0.879%
81	15.907	2296	2297	2303	rVB	187	164	7.93%	0.788%
82	15.956	2303	2305	2307	rBV	148	181	8.76%	0.870%
83	16.035	2317	2318	2320	rBV	91	80	3.87%	0.384%
84	16.054	2320	2321	2324	rVB2	184	184	8.90%	0.884%
85	16.108	2327	2330	2331	rBV	145	128	6.19%	0.615%
86	16.127	2331	2333	2334	rVB2	175	93	4.50%	0.447%
87	16.163	2338	2339	2343	rBV2	140	123	5.95%	0.591%
88	16.206	2343	2346	2347	rBV	142	111	5.37%	0.533%
89	16.243	2350	2352	2353	rBV	144	107	5.18%	0.514%
90	16.267	2353	2356	2357	rBV	179	134	6.48%	0.644%
91	16.310	2361	2363	2366	rBV2	181	170	8.22%	0.817%
92	16.419	2377	2381	2384	rBV2	263	489	23.66%	2.350%
93	16.456	2384	2387	2388	rVV	148	149	7.21%	0.716%
94	16.474	2388	2390	2392	rVV	172	129	6.24%	0.620%
95	16.493	2392	2393	2394	rVV	199	86	4.16%	0.413%
96	16.523	2394	2398	2399	rVV	197	206	9.97%	0.990%
97	16.584	2404	2408	2409	rVV	253	207	10.01%	0.995%
98	16.615	2410	2413	2415	rVB	161	157	7.60%	0.754%
99	16.669	2419	2422	2423	rBV	129	128	6.19%	0.615%
100	16.767	2434	2438	2441	rBV	145	234	11.32%	1.124%

Sum of corrected areas: 20811

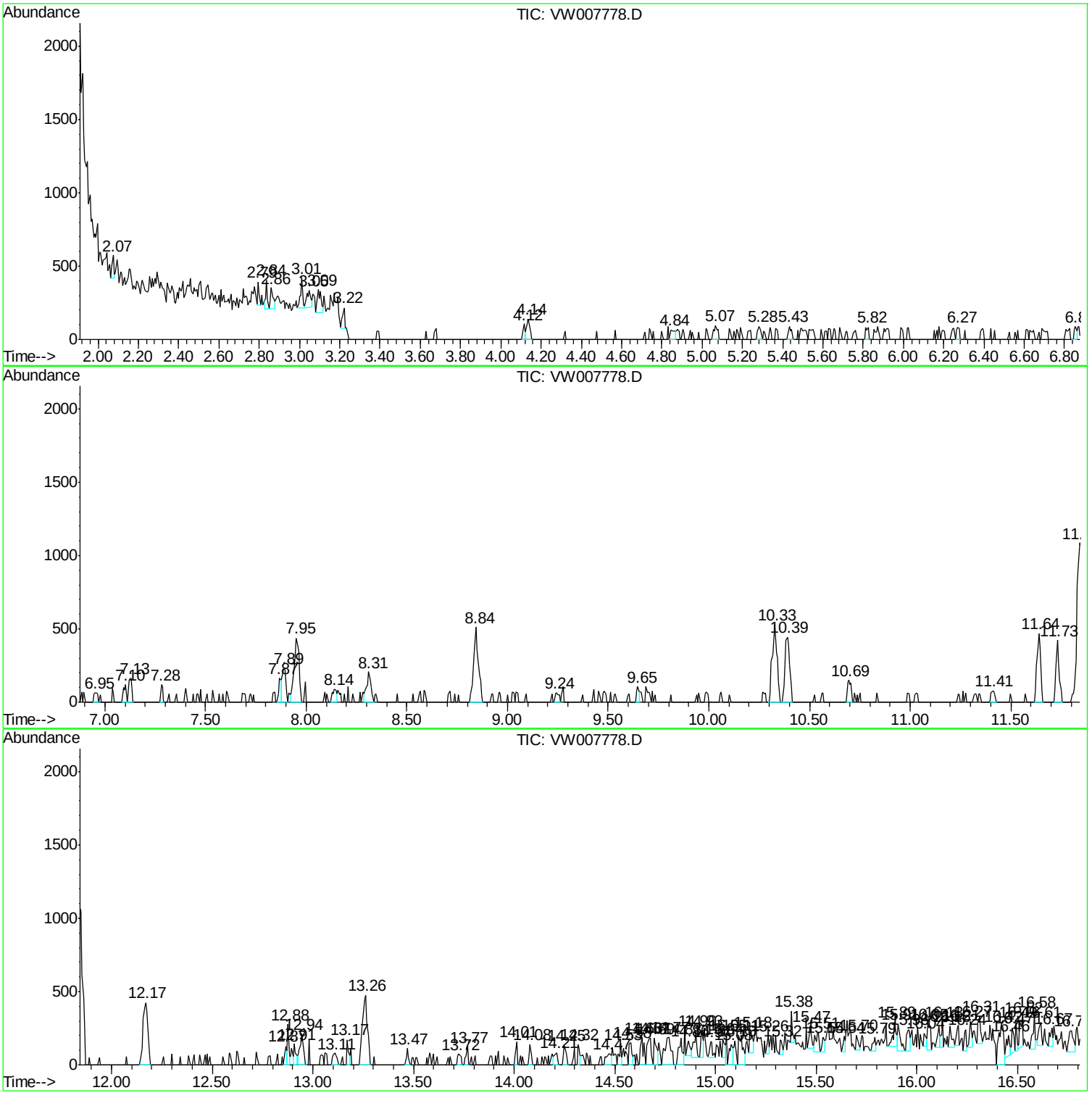
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007778.D
Acq On : 21 Dec 2018 07:22
Operator : SY/AP
Sample : J6389-03
Misc : 6.49G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1218-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007778.D
Acq On : 21 Dec 2018 07:22
Operator : SY/AP
Sample : J6389-03
Misc : 6.49G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1218-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

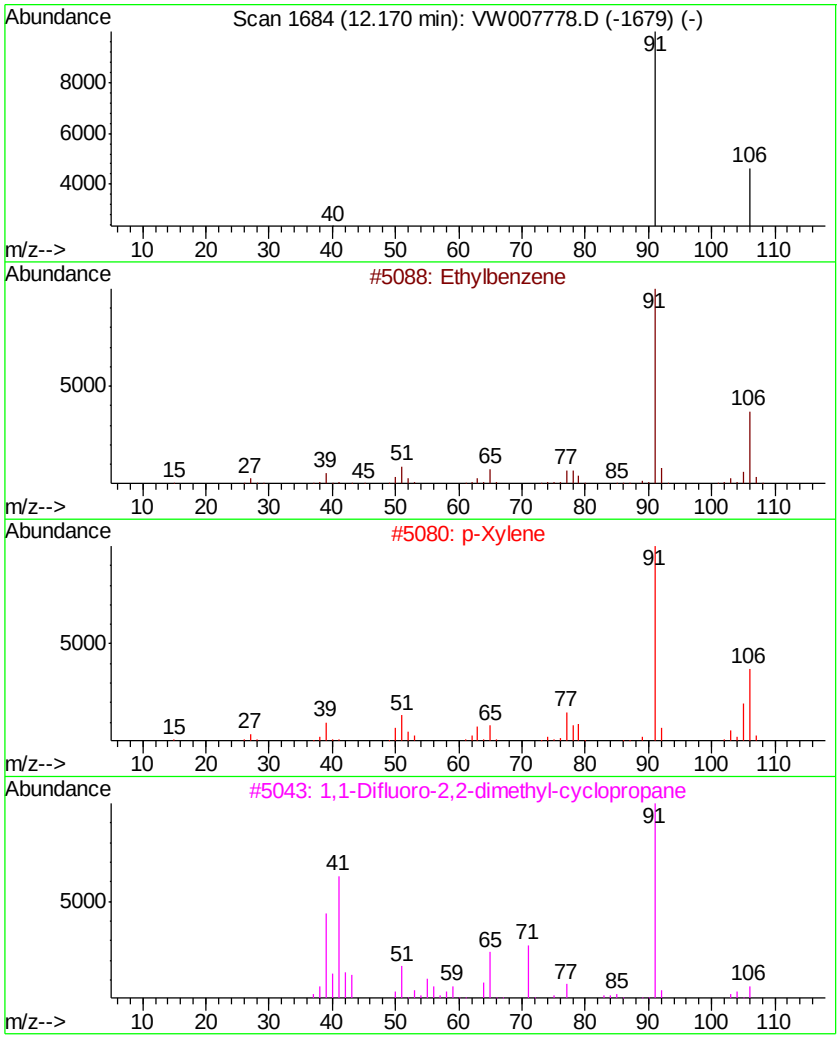
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

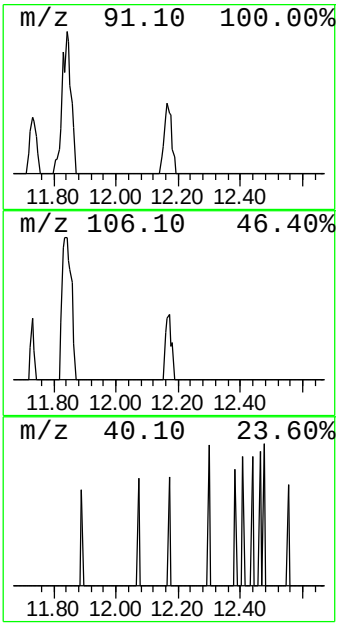
****

Peak Number 1 unknown12.17 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	58.67 ug/l	704	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	4
2	p-Xylene	106	C8H10	000106-42-3	4
3	1,1-Difluoro-2,2-dimethyl-cyclop...	106	C5H8F2	000335-03-5	1
4	1,7-Octadiyne	106	C8H10	000871-84-1	1
5	Acetic acid, fluoro-, ethyl ester	106	C4H7FO2	000459-72-3	1





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007778.D
Acq On : 21 Dec 2018 07:22
Operator : SY/AP
Sample : J6389-03
Misc : 6.49G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1218-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

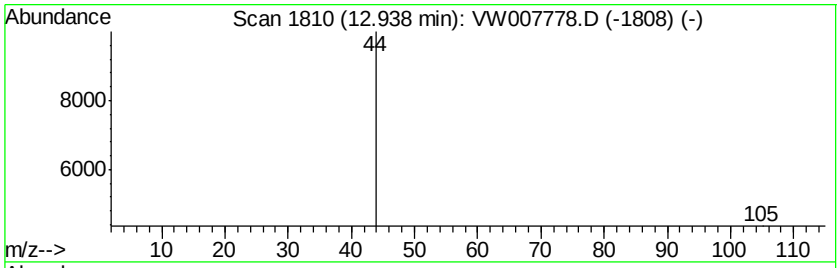
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

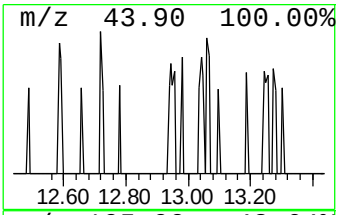
****

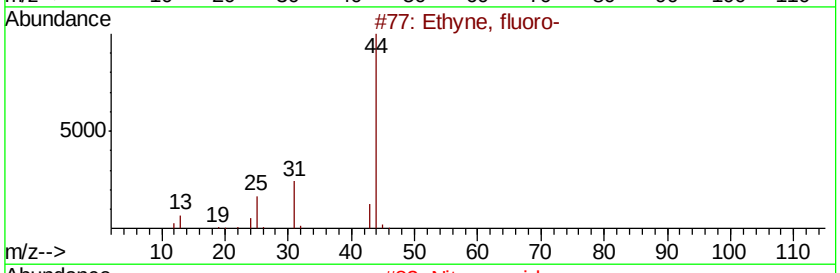
Peak Number 2 unknown12.94 Concentration Rank 7

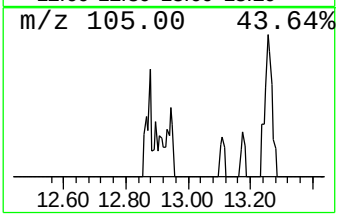
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	20.83 ug/l	250	Chlorobenzene-d5	11.64

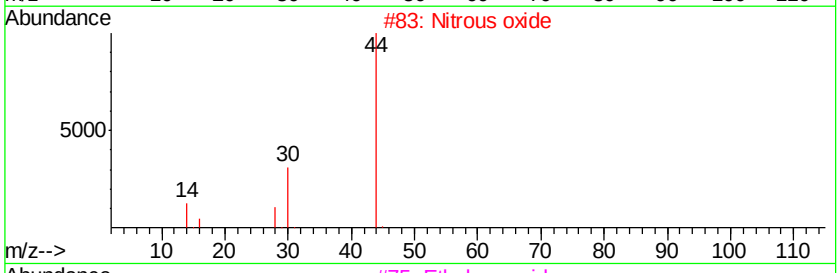
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyne, fluoro-	44	C2HF	002713-09-9	2
2	Nitrous oxide	44	N2O	010024-97-2	2
3	Ethylene oxide	44	C2H4O	000075-21-8	2
4	Acetaldehyde	44	C2H4O	000075-07-0	2
5	Carbon dioxide	44	CO2	000124-38-9	2

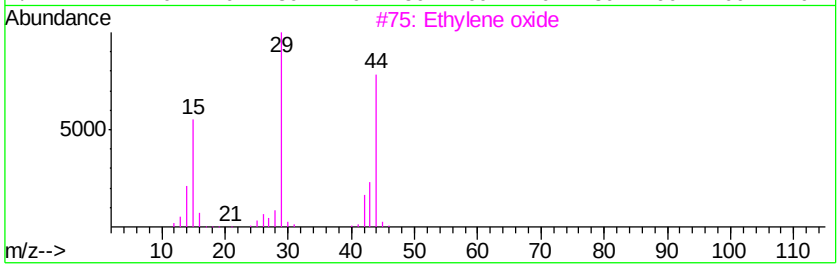












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007778.D
Acq On : 21 Dec 2018 07:22
Operator : SY/AP
Sample : J6389-03
Misc : 6.49G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1218-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

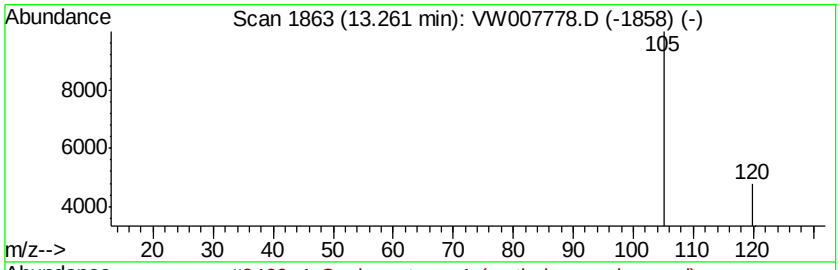
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

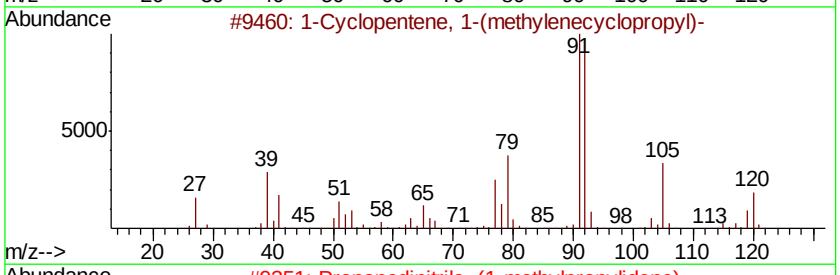
****

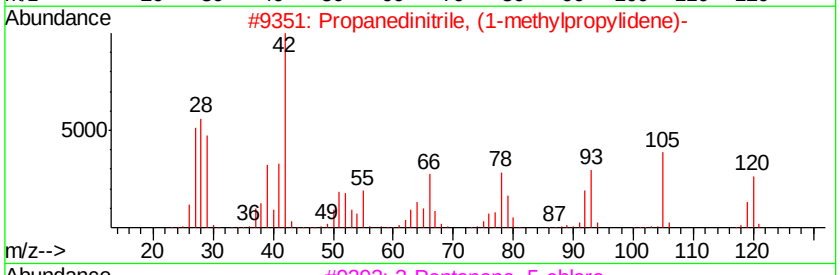
Peak Number 3 unknown13.26 Concentration Rank 1

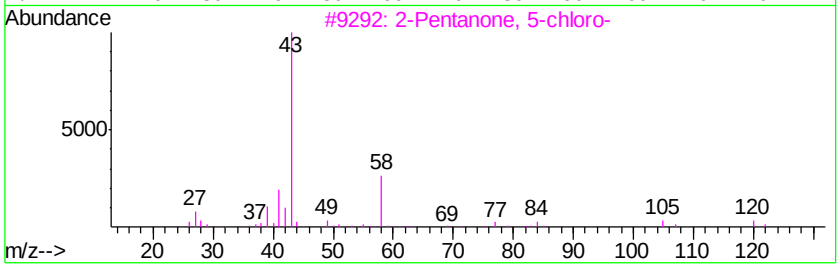
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	69.83 ug/l	838	Chlorobenzene-d5	11.64

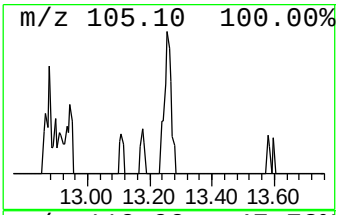
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclopentene, 1-(methylenecycl...	120	C9H12	1000153-40-5	4
2	Propanedinitrile, (1-methylpropy...	120	C7H8N2	013017-50-0	4
3	2-Pentanone, 5-chloro-	120	C5H9ClO	005891-21-4	3
4	1,3,5-Cycloheptatriene, 7-ethyl-	120	C9H12	017634-51-4	3
5	Cyclohexene, 3-(2-propynyl)-	120	C9H12	055956-43-9	3

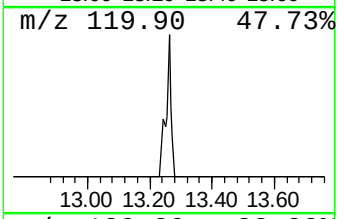


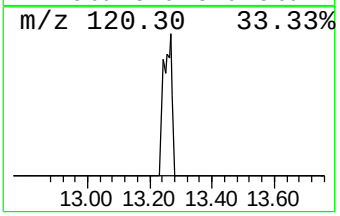












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007778.D
Acq On : 21 Dec 2018 07:22
Operator : SY/AP
Sample : J6389-03
Misc : 6.49G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1218-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

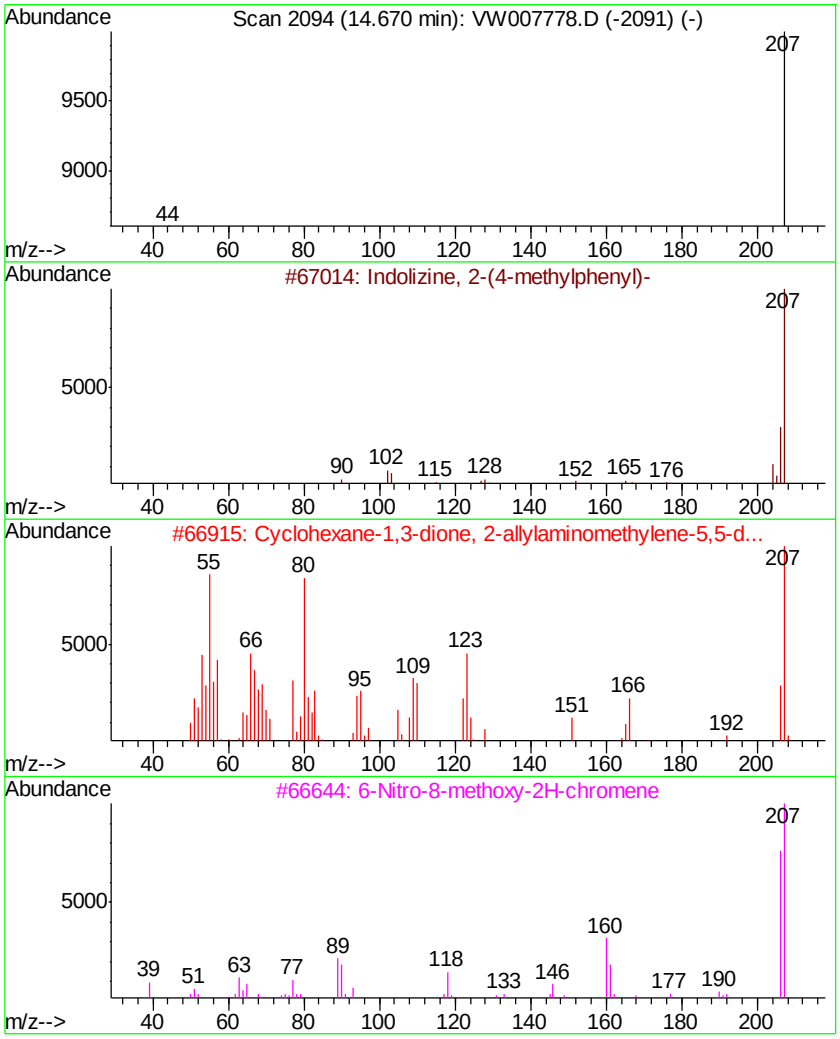
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

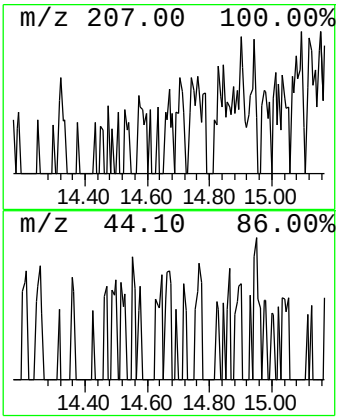
****

Peak Number 4 unknown14.67 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	22.08 ug/l	265	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
2	Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2
3	6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
4	Benzaldehyde, 2-nitro-, diaminom...	207	C8H9N5O2	102632-31-5	1
5	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	1





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007778.D
Acq On : 21 Dec 2018 07:22
Operator : SY/AP
Sample : J6389-03
Misc : 6.49G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1218-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

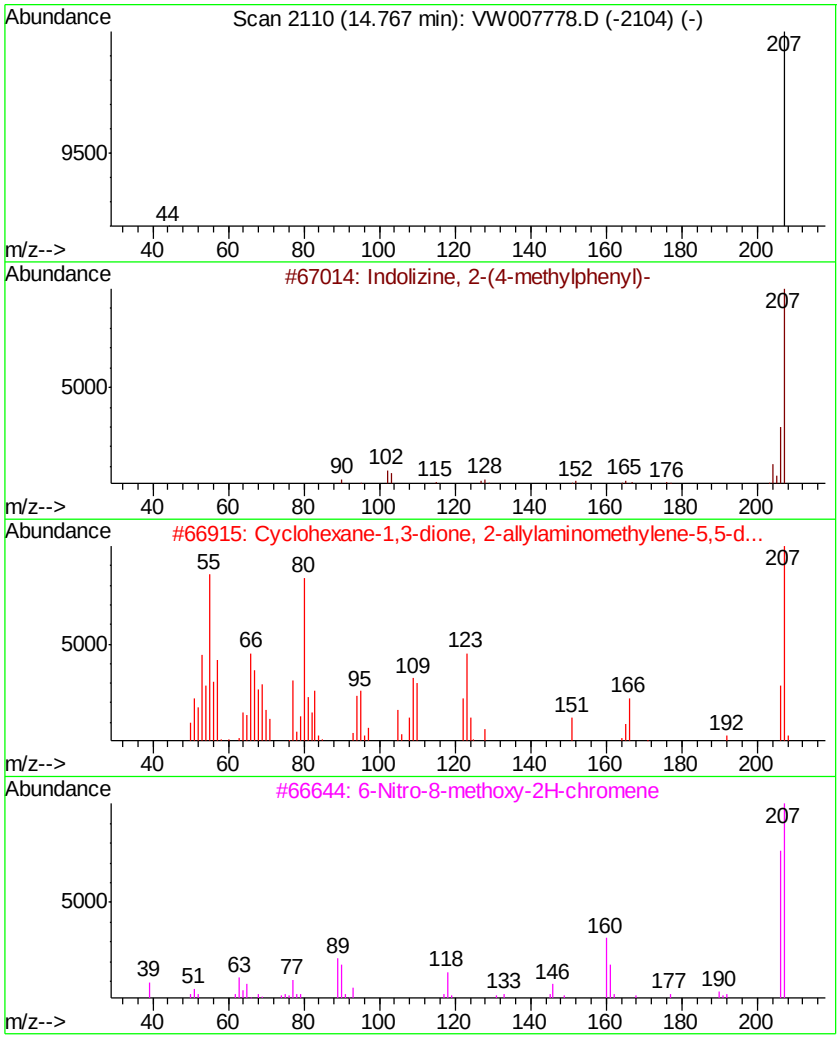
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

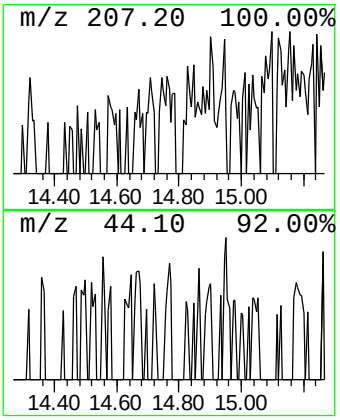
****

Peak Number 5 unknown14.77 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	34.08 ug/l	409	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
2	Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2
3	6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
4	Benzaldehyde, 2-nitro-, diaminom...	207	C8H9N5O2	102632-31-5	1
5	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	1





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007778.D
Acq On : 21 Dec 2018 07:22
Operator : SY/AP
Sample : J6389-03
Misc : 6.49G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1218-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

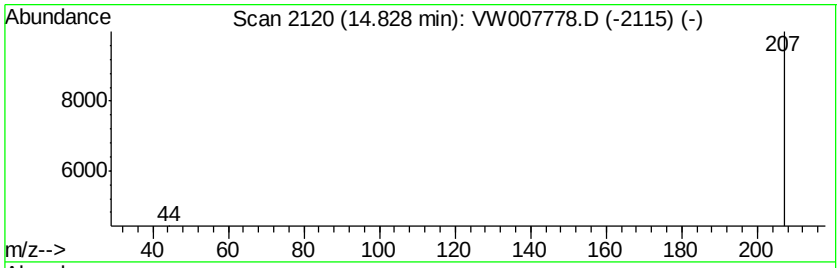
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

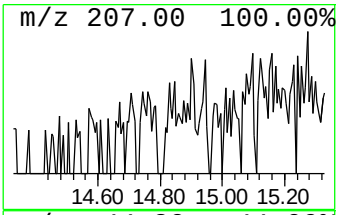
****

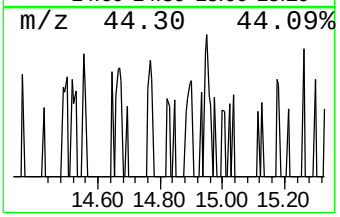
Peak Number 6 unknown14.83 Concentration Rank 8

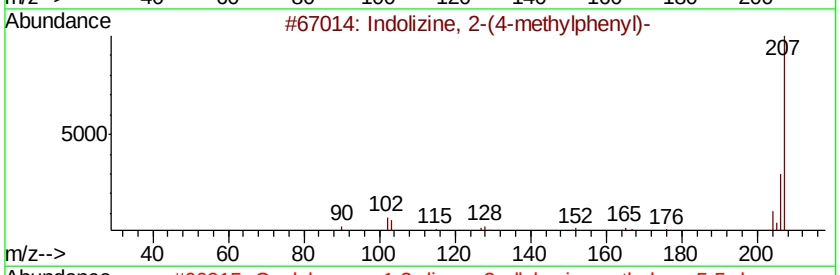
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	19.92 ug/l	239	Chlorobenzene-d5	11.64

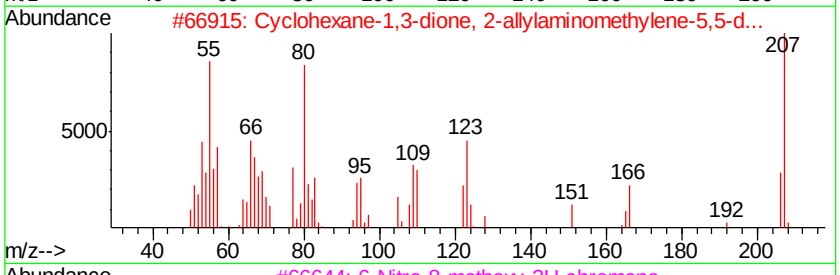
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
2	Cyclohexane-1,3-dione, 2-allylam...	207	C12H17NO2	104926-37-6	2
3	6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
4	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	1
5	4-Methyl-2,4-bis(4'-trimethylsil...	412	C24H36O2Si2	1000283-56-8	1

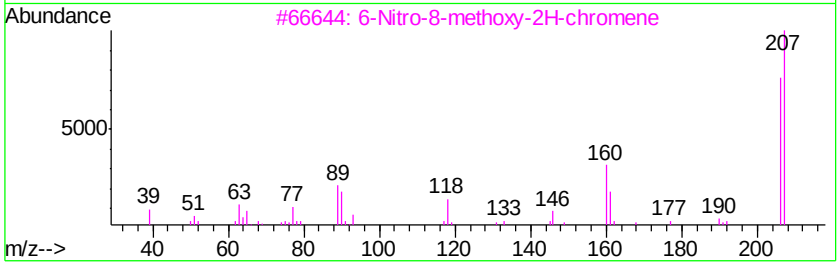












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007778.D
Acq On : 21 Dec 2018 07:22
Operator : SY/AP
Sample : J6389-03
Misc : 6.49G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1218-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

****

Peak Number 7 unknown15.11 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	26.58 ug/l	319	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyridazinamine	95	C4H5N3	020744-39-2	2
2	6-Nitro-8-methoxy-2H-chromene	207	C10H9NO4	062063-07-4	2
3	4-Pyridinol	95	C5H5NO	000626-64-2	2
4	Pyridine, 1-oxide	95	C5H5NO	000694-59-7	2
5	2-Pyrimidinamine	95	C4H5N3	000109-12-6	2