

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020521\
 Data File : VY003988.D
 Acq On : 05 Feb 2021 15:09
 Operator : SY/MD
 Sample : M1326-06
 Misc : 5.00g/10mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 X2Z59

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_Y\methods\SFAMYL012621SMA.M
 Title : VOC Analysis

Signal : TIC: VY003988.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.064	35	40	44	rBV	16160	22605	2.31%	0.124%
2	2.119	44	49	60	rVB	96741	140551	14.39%	0.770%
3	2.253	65	71	86	rVB	103269	166990	17.10%	0.915%
4	2.552	110	120	125	rBV10	5625	20203	2.07%	0.111%
5	2.662	133	138	149	rVB	33397	65980	6.76%	0.362%
6	2.771	149	156	169	rVB	77148	156540	16.03%	0.858%
7	2.857	169	170	173	rBV3	752	730	0.07%	0.004%
8	3.137	208	216	231	rVB2	86186	202446	20.73%	1.109%
9	3.546	280	283	284	rBV2	478	534	0.05%	0.003%
10	3.588	288	290	296	rVB4	484	649	0.07%	0.004%
11	3.674	300	304	310	rVB6	806	1690	0.17%	0.009%
12	3.875	322	337	346	rBV3	208846	685037	70.15%	3.754%
13	3.960	347	351	363	rVB	44890	115118	11.79%	0.631%
14	4.113	369	376	378	rVB5	664	1215	0.12%	0.007%
15	4.216	390	393	394	rVV	1204	1040	0.11%	0.006%
16	4.235	394	396	406	rVB3	1153	2357	0.24%	0.013%
17	4.491	426	438	453	rBV	36559	111049	11.37%	0.608%
18	4.728	464	477	493	rBV2	60497	189010	19.36%	1.036%
19	4.936	499	511	528	rBV3	4678	18860	1.93%	0.103%
20	5.234	545	560	584	rVV	208991	725125	74.25%	3.973%
21	5.558	610	613	615	rBV	368	481	0.05%	0.003%
22	5.753	637	645	655	rVV3	2462	7647	0.78%	0.042%
23	6.899	822	833	841	rBV	31556	88223	9.03%	0.483%
24	6.996	841	849	862	rVB	142028	381283	39.04%	2.089%
25	7.344	897	906	918	rVB2	64921	161007	16.49%	0.882%
26	7.490	920	930	944	rVB	155358	397851	40.74%	2.180%
27	7.594	944	947	948	rBV2	466	574	0.06%	0.003%
28	7.710	956	966	973	rBV2	65949	173381	17.75%	0.950%
29	7.795	973	980	989	rVV	98395	252753	25.88%	1.385%
30	7.905	989	998	1012	rVB	82157	204489	20.94%	1.120%
31	8.118	1023	1033	1047	rBV2	330721	976543	100.00%	5.351%
32	8.246	1047	1054	1062	rVB	48566	101888	10.43%	0.558%
33	8.459	1086	1089	1091	rBV3	468	597	0.06%	0.003%
34	8.520	1091	1099	1105	rVB5	1381	2526	0.26%	0.014%
35	8.697	1119	1128	1138	rBV	266611	527488	54.02%	2.890%
36	8.941	1159	1168	1181	rBV	391838	774326	79.29%	4.243%

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37	9.124	1189	1198	1203	rBV	209421	418505	42.86%	2.293%
38	9.185	1203	1208	1222	rVV2	357376	930633	95.30%	5.099%
39	9.301	1222	1227	1236	rVV	7151	16509	1.69%	0.090%
40	9.502	1252	1260	1266	rBV	142755	268043	27.45%	1.469%
41	9.636	1280	1282	1285	rBV2	413	463	0.05%	0.003%
42	9.892	1313	1324	1327	rBV	140896	245591	25.15%	1.346%
43	9.935	1327	1331	1338	rVB	162347	275194	28.18%	1.508%
44	10.008	1338	1343	1350	rVB	4727	8701	0.89%	0.048%
45	10.075	1352	1354	1360	rVB4	659	809	0.08%	0.004%
46	10.185	1364	1372	1377	rBV	465790	796242	81.54%	4.363%
47	10.246	1377	1382	1391	rVB	411953	689043	70.56%	3.776%
48	10.441	1407	1414	1417	rBV	99060	188230	19.28%	1.031%
49	10.581	1430	1437	1445	rVB	40840	72062	7.38%	0.395%
50	10.642	1445	1447	1451	rVB3	397	447	0.05%	0.002%
51	10.721	1451	1460	1466	rBV	504811	852225	87.27%	4.670%
52	10.788	1466	1471	1475	rVV	131018	208697	21.37%	1.144%
53	10.837	1475	1479	1486	rVB	111258	173720	17.79%	0.952%
54	10.935	1490	1495	1496	rBV4	739	1038	0.11%	0.006%
55	10.983	1496	1503	1510	rBV	123474	222204	22.75%	1.218%
56	11.270	1547	1550	1553	rBV5	798	1347	0.14%	0.007%
57	11.319	1553	1558	1566	rVB2	8397	14495	1.48%	0.079%
58	11.496	1579	1587	1597	rBV	389879	650468	66.61%	3.564%
59	11.593	1597	1603	1611	rVB	345015	542774	55.58%	2.974%
60	11.709	1614	1622	1629	rBV	226751	352211	36.07%	1.930%
61	12.032	1667	1675	1682	rBV	270402	425120	43.53%	2.329%
62	12.142	1687	1693	1695	rVB2	305	451	0.05%	0.002%
63	12.331	1717	1724	1734	rVB	305175	473286	48.47%	2.593%
64	12.495	1744	1751	1756	rVV	45182	73827	7.56%	0.405%
65	12.562	1756	1762	1765	rVV	161456	255770	26.19%	1.401%
66	12.611	1765	1770	1779	rVB	342707	556160	56.95%	3.047%
67	12.745	1791	1792	1797	rVB3	370	449	0.05%	0.002%
68	12.812	1797	1803	1805	rBV4	1094	2058	0.21%	0.011%
69	12.843	1805	1808	1814	rVV6	1913	3339	0.34%	0.018%
70	12.910	1817	1819	1820	rVV2	551	515	0.05%	0.003%
71	12.953	1824	1826	1829	rVV2	594	703	0.07%	0.004%
72	13.148	1855	1858	1861	rVB5	445	559	0.06%	0.003%
73	13.184	1861	1864	1870	rVB	2376	3002	0.31%	0.016%
74	13.282	1872	1880	1885	rBV4	1132	2820	0.29%	0.015%
75	13.367	1886	1894	1899	rBV	359523	548223	56.14%	3.004%
76	13.428	1899	1904	1912	rVB	429462	649829	66.54%	3.561%

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77	13.641	1936	1939	1942	rBV4	1305	1652	0.17%	0.009%
78	13.727	1942	1953	1966	rVB3	472191	898794	92.04%	4.925%
79	13.824	1966	1969	1975	rBV3	701	1353	0.14%	0.007%
80	13.965	1987	1992	1999	rVB2	7406	11731	1.20%	0.064%
81	14.026	1999	2002	2007	rBV3	410	583	0.06%	0.003%
82	14.105	2009	2015	2016	rBV2	355	554	0.06%	0.003%
83	14.208	2029	2032	2034	rVB3	839	653	0.07%	0.004%
84	14.361	2050	2057	2064	rVV	41901	66570	6.82%	0.365%
85	14.501	2072	2080	2090	rBV	411114	646003	66.15%	3.540%
86	14.611	2095	2098	2099	rVV3	447	552	0.06%	0.003%
87	14.794	2123	2128	2132	rVB5	762	1498	0.15%	0.008%
88	14.977	2154	2158	2160	rBV3	402	671	0.07%	0.004%
89	15.013	2160	2164	2169	rVV3	4100	5859	0.60%	0.032%
90	15.153	2184	2187	2191	rBV2	539	736	0.08%	0.004%
91	15.214	2196	2197	2199	rVV2	605	445	0.05%	0.002%
92	15.318	2210	2214	2220	rVB5	2056	3263	0.33%	0.018%
93	15.367	2220	2222	2224	rBV3	427	452	0.05%	0.002%
94	15.391	2224	2226	2229	rBV4	696	782	0.08%	0.004%
95	15.489	2238	2242	2243	rVB2	463	534	0.05%	0.003%
96	15.690	2272	2275	2277	rVB3	431	490	0.05%	0.003%
97	15.733	2281	2282	2287	rVV4	426	665	0.07%	0.004%
98	15.836	2295	2299	2300	rBV3	376	446	0.05%	0.002%
99	15.885	2306	2307	2312	rBV2	499	743	0.08%	0.004%
100	16.324	2377	2379	2382	rBV4	477	527	0.05%	0.003%

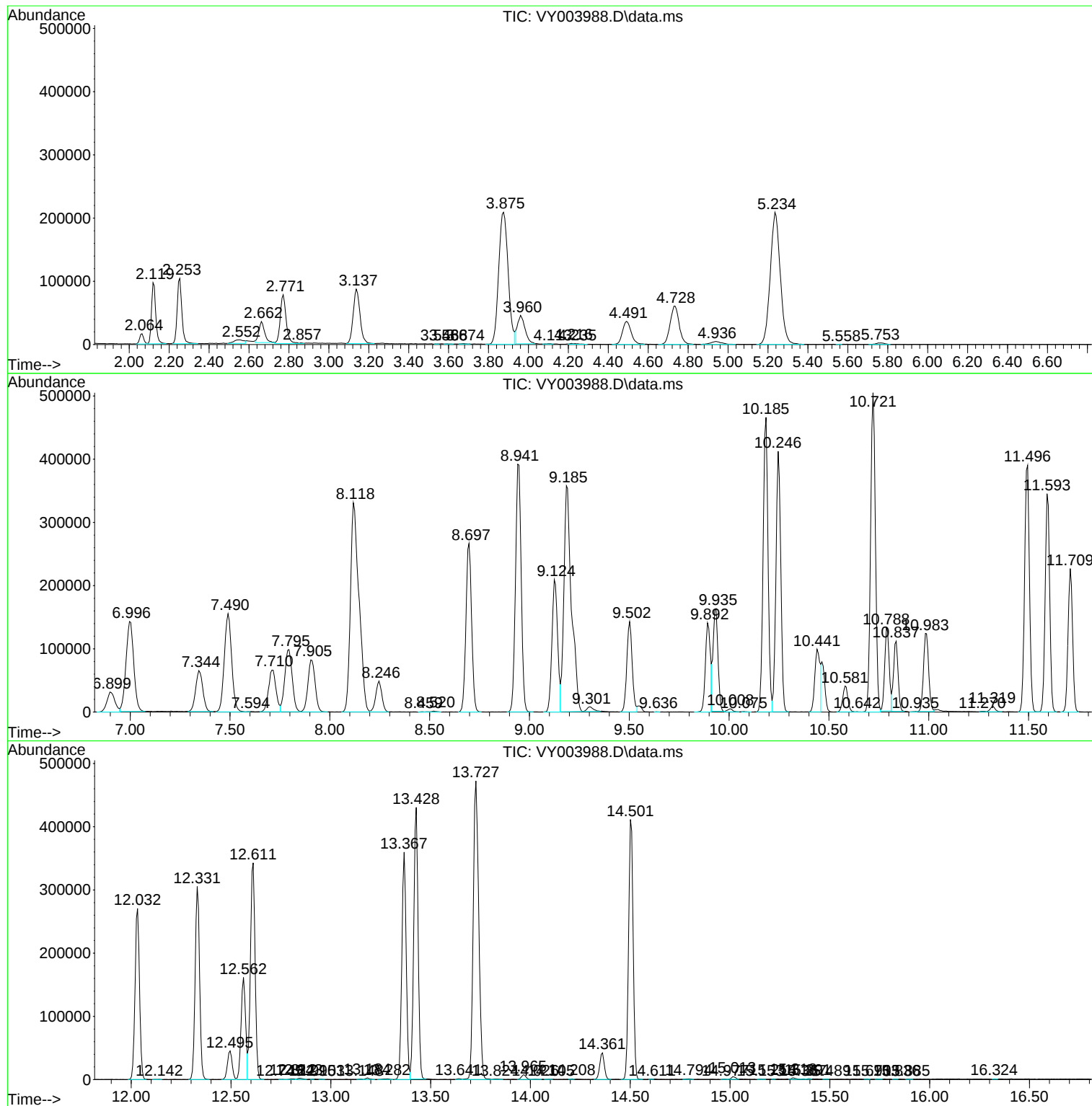
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL012621SMA.M
Quant Title : VOC Analysis

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



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Instrument :
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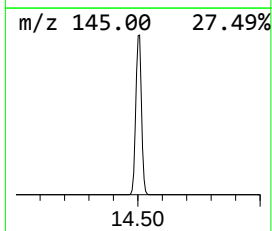
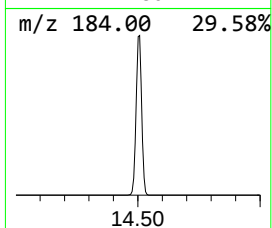
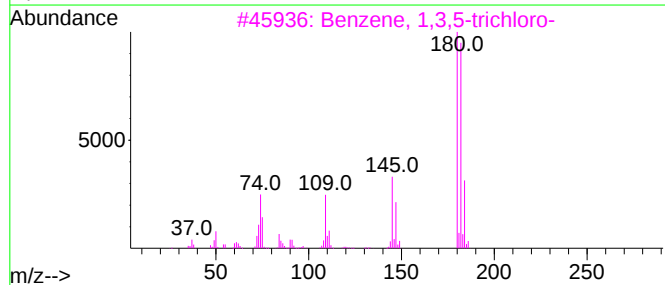
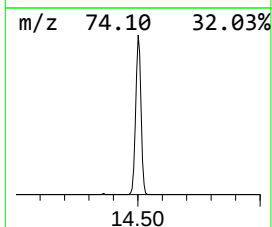
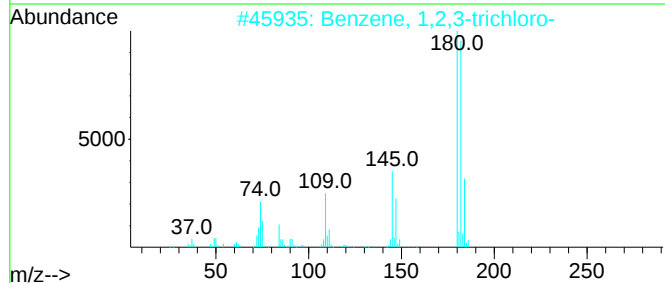
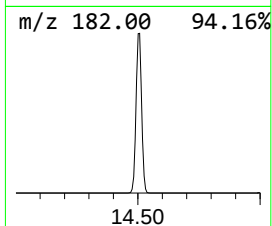
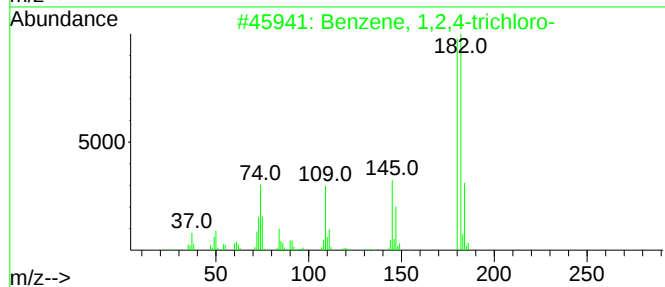
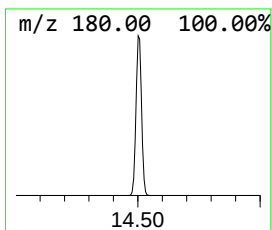
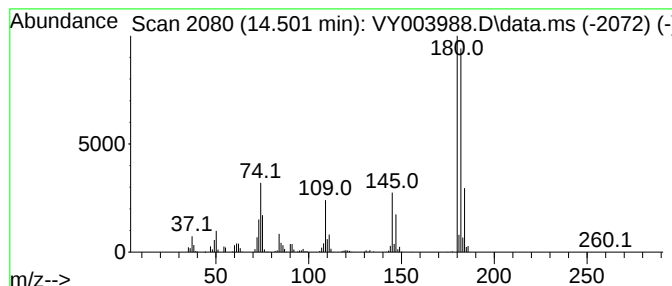
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL012621SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.501	24.85 ug/L	646003	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	99
2			Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3			Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
4			Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5			Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96



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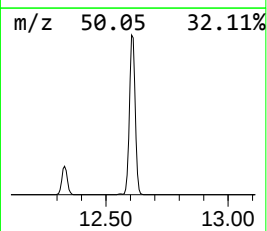
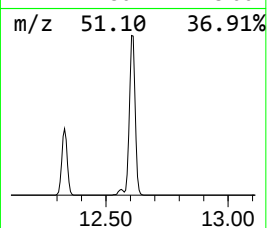
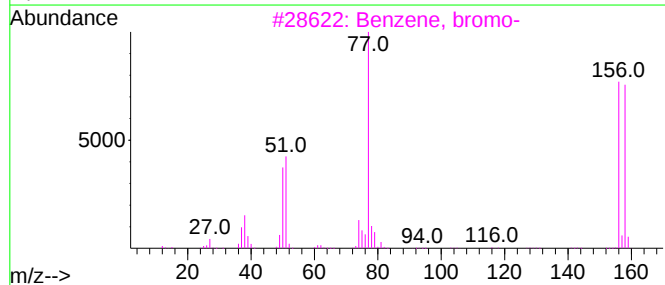
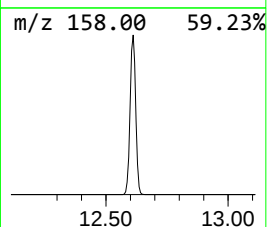
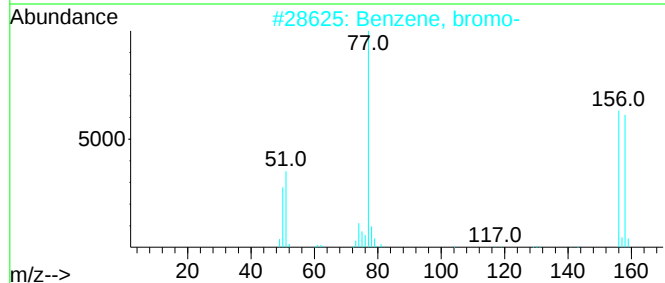
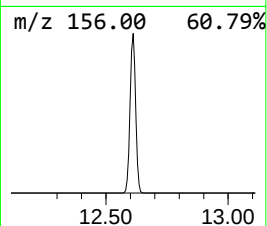
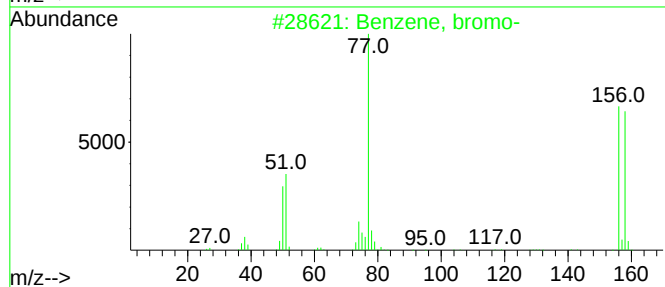
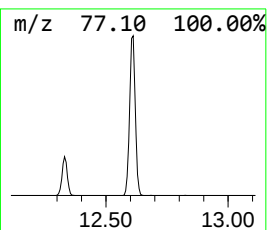
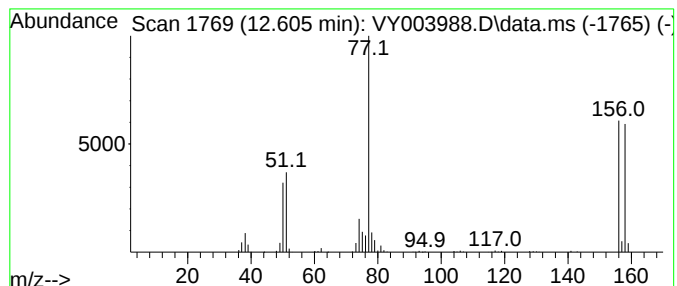
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, bromo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.611	21.40 ug/L	556160	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, bromo-	156	C6H5Br	000108-86-1	97
2			Benzene, bromo-	156	C6H5Br	000108-86-1	97
3			Benzene, bromo-	156	C6H5Br	000108-86-1	94
4			Benzene, bromo-	156	C6H5Br	000108-86-1	94
5			Benzene, bromo-	156	C6H5Br	000108-86-1	91



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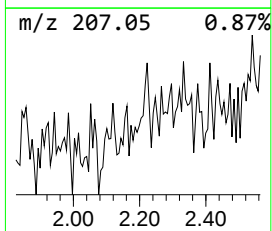
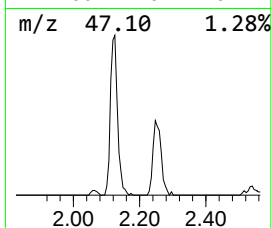
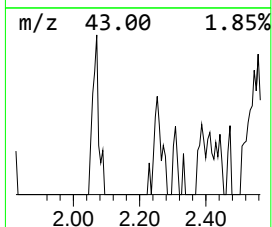
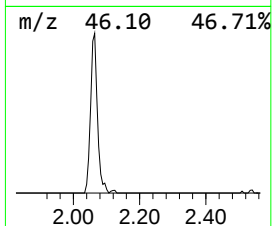
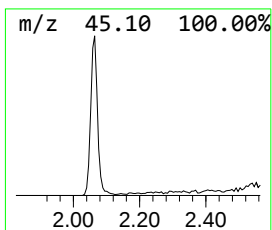
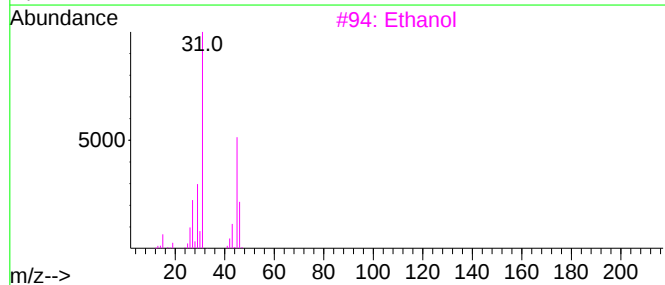
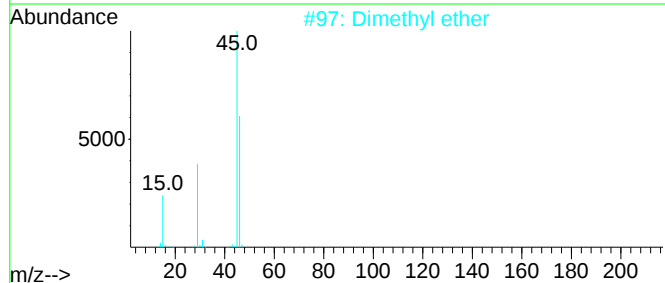
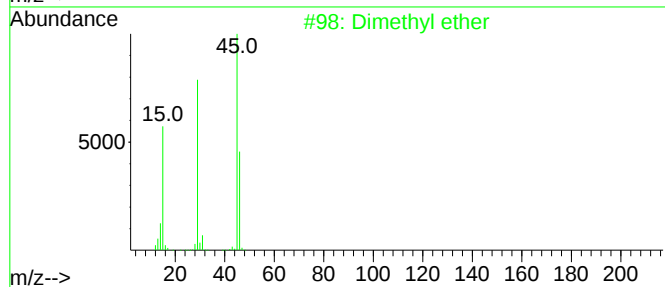
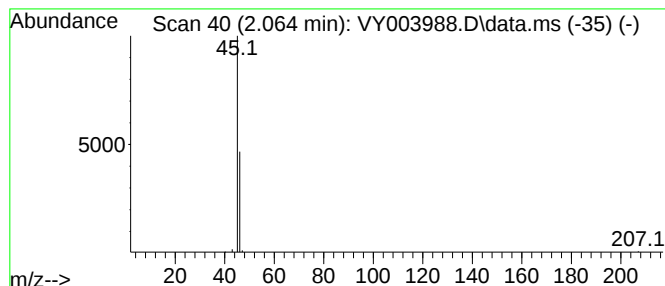
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Dimethyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.064	1.07 ug/L	22605	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl ether	46	C2H6O	000115-10-6	9
2			Dimethyl ether	46	C2H6O	000115-10-6	9
3			Ethanol	46	C2H6O	000064-17-5	7
4			Ethanol	46	C2H6O	000064-17-5	7
5			Formic acid	46	CH2O2	000064-18-6	7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020521\
Data File : VY003988.D
Acq On : 05 Feb 2021 15:09
Operator : SY/MD
Sample : M1326-06
Misc : 5.00g/10mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
X2Z59

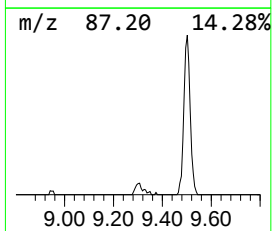
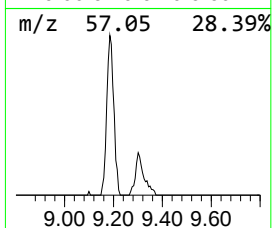
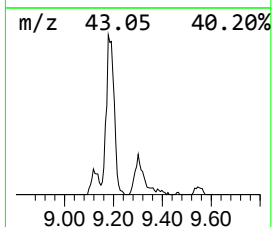
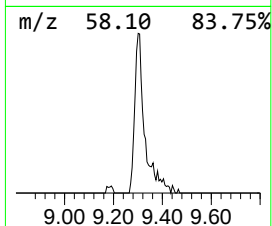
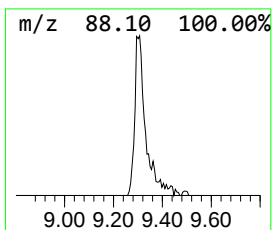
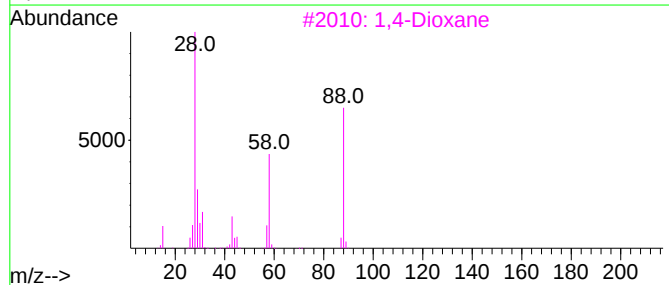
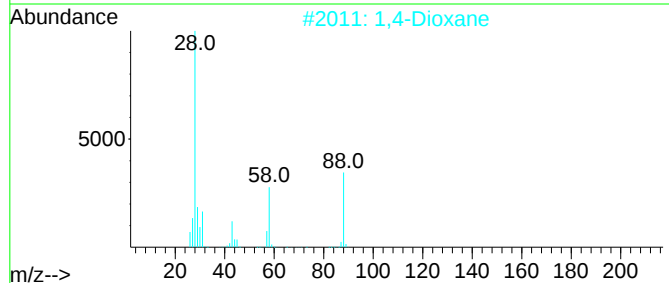
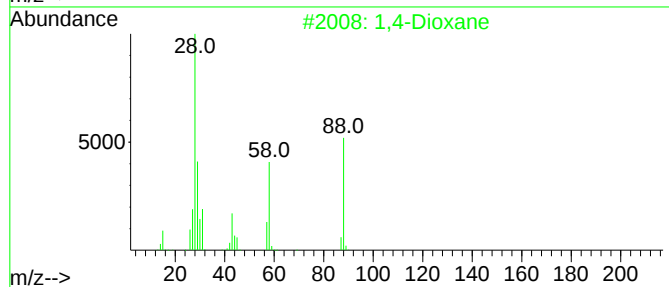
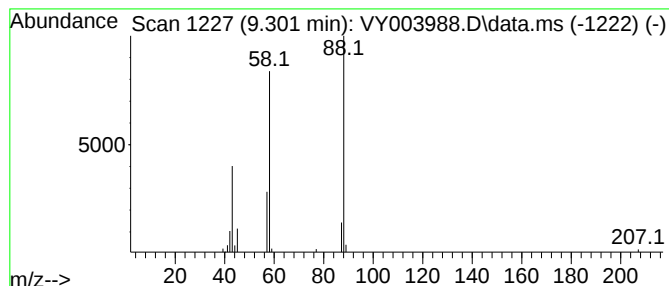
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL012621SMA.M
Quant Title : VOC Analysis

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

Peak Number 6 1,4-Dioxane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.301	0.78 ug/L	16509	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane			88	C4H8O2	000123-91-1	90
2	1,4-Dioxane			88	C4H8O2	000123-91-1	83
3	1,4-Dioxane			88	C4H8O2	000123-91-1	78
4	1,4-Dioxane			88	C4H8O2	000123-91-1	64
5	Urea, N,N'-dimethyl-			88	C3H8N2O	000096-31-1	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020521\
Data File : VY003988.D
Acq On : 05 Feb 2021 15:09
Operator : SY/MD
Sample : M1326-06
Misc : 5.00g/10mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
X2Z59

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL012621SMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3,5-...	14.501	24.9	ug/L	646003	3	13.428	649829	25.0
Benzene, bromo-	12.611	21.4	ug/L	556160	3	13.428	649829	25.0
Dimethyl ether	2.064	1.1	ug/L	22605	1	8.697	527488	25.0
1,4-Dioxane	9.301	0.8	ug/L	16509	1	8.697	527488	25.0