

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120720\
 Data File : VY003675.D
 Acq On : 07 Dec 2020 17:32
 Operator : SY/MD
 Sample : L4958-07
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 X2S41

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.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	2.058	35	39	44	rBV	17203	22332	2.38%	0.129%
2	2.119	44	49	59	rVB	79826	114541	12.22%	0.659%
3	2.247	65	70	87	rVB	50778	84388	9.00%	0.486%
4	2.655	132	137	148	rVB	29660	56966	6.08%	0.328%
5	2.765	149	155	170	rVB	43879	87723	9.36%	0.505%
6	3.137	207	216	231	rVB	76148	180759	19.28%	1.040%
7	3.393	257	258	261	rBV2	352	408	0.04%	0.002%
8	3.515	276	278	281	rBV2	277	337	0.04%	0.002%
9	3.667	300	303	306	rVV3	1134	1767	0.19%	0.010%
10	3.869	325	336	346	rBV3	174054	568731	60.66%	3.274%
11	4.490	427	438	455	rBV2	42856	127856	13.64%	0.736%
12	4.661	463	466	467	rBV	570	478	0.05%	0.003%
13	4.728	467	477	495	rVV	58223	181278	19.33%	1.043%
14	4.954	511	514	515	rBV2	263	257	0.03%	0.001%
15	5.045	526	529	531	rBV	284	435	0.05%	0.003%
16	5.234	546	560	581	rVV	197193	695930	74.22%	4.006%
17	5.557	612	613	618	rBV2	313	388	0.04%	0.002%
18	5.685	631	634	637	rBV2	324	388	0.04%	0.002%
19	5.771	640	648	656	rVB7	1371	3588	0.38%	0.021%
20	5.923	670	673	675	rBV3	278	308	0.03%	0.002%
21	5.960	675	679	681	rBV2	351	378	0.04%	0.002%
22	6.149	707	710	712	rBV2	341	339	0.04%	0.002%
23	6.508	765	769	774	rBV2	408	643	0.07%	0.004%
24	6.569	774	779	781	rBV3	190	367	0.04%	0.002%
25	6.777	810	813	816	rVB	259	315	0.03%	0.002%
26	6.807	816	818	820	rBV	248	290	0.03%	0.002%
27	6.899	824	833	840	rVV	33979	94189	10.05%	0.542%
28	6.996	841	849	863	rVB2	142980	390475	41.65%	2.248%
29	7.142	871	873	876	rBV2	238	291	0.03%	0.002%
30	7.173	876	878	879	rBV	343	249	0.03%	0.001%
31	7.344	896	906	919	rBV2	68963	176879	18.87%	1.018%
32	7.490	919	930	944	rVB	118385	299239	31.92%	1.722%
33	7.600	944	948	949	rBV2	516	546	0.06%	0.003%
34	7.709	956	966	972	rBV	63057	163623	17.45%	0.942%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
 Title : VOC Analysis

35	7.789	972	979	990	rVV	198451	493564	52.64%	2.841%
36	7.904	990	998	1010	rVV	77007	189038	20.16%	1.088%
37	8.118	1023	1033	1047	rBV2	246216	746906	79.66%	4.299%
38	8.246	1047	1054	1064	rVB	44554	96256	10.27%	0.554%
39	8.478	1088	1092	1095	rBV2	406	635	0.07%	0.004%
40	8.502	1095	1096	1097	rBV	678	406	0.04%	0.002%
41	8.520	1097	1099	1104	rVB5	895	1485	0.16%	0.009%
42	8.697	1119	1128	1139	rBV	274720	532975	56.84%	3.068%
43	8.776	1139	1141	1144	rBV2	221	298	0.03%	0.002%
44	8.941	1159	1168	1182	rVB	414485	833506	88.90%	4.798%
45	9.124	1190	1198	1203	rBV	167131	342643	36.54%	1.972%
46	9.185	1203	1208	1222	rVV2	374290	937603	100.00%	5.397%
47	9.301	1222	1227	1239	rVB	11865	28593	3.05%	0.165%
48	9.502	1252	1260	1266	rBV	134571	260475	27.78%	1.499%
49	9.636	1281	1282	1286	rVB2	397	264	0.03%	0.002%
50	9.892	1316	1324	1327	rBV	108989	196158	20.92%	1.129%
51	9.928	1327	1330	1338	rVB	154104	259969	27.73%	1.496%
52	10.069	1351	1353	1356	rBV2	271	243	0.03%	0.001%
53	10.178	1362	1371	1377	rBV	364700	629838	67.18%	3.626%
54	10.246	1377	1382	1394	rVB	415164	703519	75.03%	4.050%
55	10.441	1407	1414	1416	rBV	88246	151570	16.17%	0.872%
56	10.575	1430	1436	1441	rBV5	1209	2740	0.29%	0.016%
57	10.623	1441	1444	1445	rBV2	588	542	0.06%	0.003%
58	10.721	1452	1460	1466	rBV	511041	889793	94.90%	5.122%
59	10.788	1466	1471	1475	rVV	145691	225352	24.03%	1.297%
60	10.831	1475	1478	1485	rVB	93669	141673	15.11%	0.816%
61	10.983	1496	1503	1513	rVB	134560	227035	24.21%	1.307%
62	11.075	1515	1518	1520	rBV3	371	476	0.05%	0.003%
63	11.245	1544	1546	1547	rBV	394	260	0.03%	0.001%
64	11.331	1558	1560	1564	rBV3	227	337	0.04%	0.002%
65	11.404	1569	1572	1575	rBV2	375	455	0.05%	0.003%
66	11.489	1579	1586	1596	rVV	391963	641421	68.41%	3.692%
67	11.593	1596	1603	1610	rVV	359544	544721	58.10%	3.136%
68	11.709	1615	1622	1631	rVB	230809	352463	37.59%	2.029%
69	11.855	1643	1646	1650	rBV2	289	424	0.05%	0.002%
70	12.032	1667	1675	1685	rVB	266267	423643	45.18%	2.439%
71	12.202	1702	1703	1708	rVB2	519	538	0.06%	0.003%

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72	12.330	1716	1724	1734	rBV2	323820	609675	65.02%	3.509%
73	12.422	1737	1739	1741	rBV2	354	303	0.03%	0.002%
74	12.459	1741	1745	1746	rBV2	1580	1542	0.16%	0.009%
75	12.483	1746	1749	1754	rVV3	2273	3734	0.40%	0.021%
76	12.562	1755	1762	1765	rVV	158340	253239	27.01%	1.458%
77	12.605	1765	1769	1777	rVB	349154	551678	58.84%	3.176%
78	12.733	1789	1790	1792	rBV2	438	266	0.03%	0.002%
79	12.757	1792	1794	1795	rVV2	302	246	0.03%	0.001%
80	12.806	1800	1802	1807	rVB5	1375	1948	0.21%	0.011%
81	12.879	1813	1814	1816	rBV	403	340	0.04%	0.002%
82	13.050	1839	1842	1843	rBV2	358	394	0.04%	0.002%
83	13.123	1849	1854	1861	rBV5	1301	2293	0.24%	0.013%
84	13.257	1874	1876	1878	rBV2	258	257	0.03%	0.001%
85	13.367	1887	1894	1898	rBV	361867	558363	59.55%	3.214%
86	13.422	1898	1903	1912	rVB	436324	680469	72.58%	3.917%
87	13.727	1945	1953	1964	rVB3	416569	820997	87.56%	4.726%
88	13.964	1987	1992	1999	rVB3	3047	4984	0.53%	0.029%
89	14.062	2006	2008	2010	rBV2	394	275	0.03%	0.002%
90	14.080	2010	2011	2013	rBV2	320	288	0.03%	0.002%
91	14.141	2020	2021	2026	rVB3	346	399	0.04%	0.002%
92	14.355	2050	2056	2062	rVB	50335	83413	8.90%	0.480%
93	14.403	2062	2064	2066	rBV2	361	394	0.04%	0.002%
94	14.501	2073	2080	2089	rVB	435793	672726	71.75%	3.872%
95	14.787	2123	2127	2129	rBV4	828	1122	0.12%	0.006%
96	15.013	2160	2164	2171	rVB6	3656	5450	0.58%	0.031%
97	15.397	2223	2227	2230	rBV3	963	1883	0.20%	0.011%
98	15.879	2304	2306	2308	rBV3	340	307	0.03%	0.002%
99	16.452	2398	2400	2402	rBV	530	555	0.06%	0.003%
100	16.763	2449	2451	2452	rBV	531	370	0.04%	0.002%

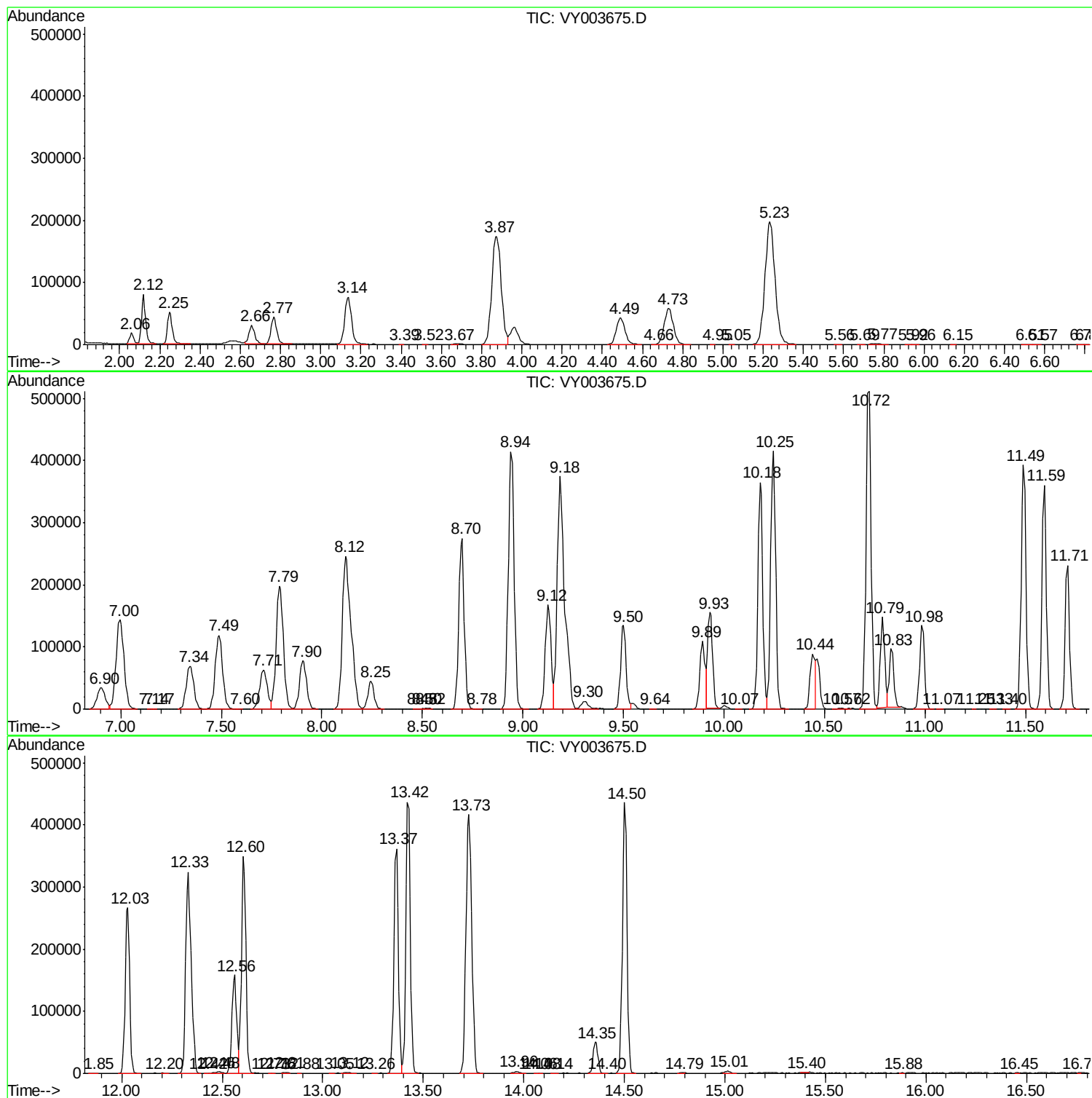
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
Quant Title : VOC Analysis

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



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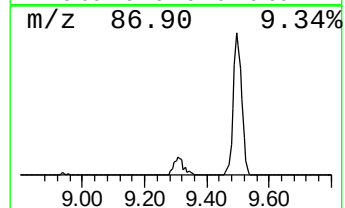
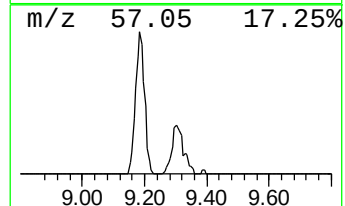
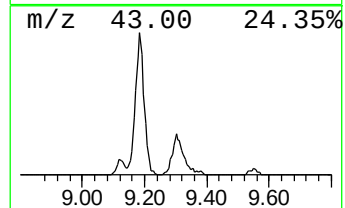
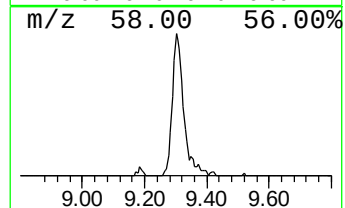
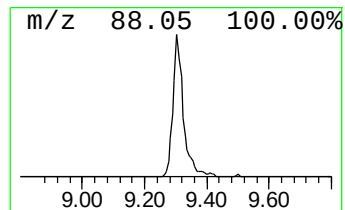
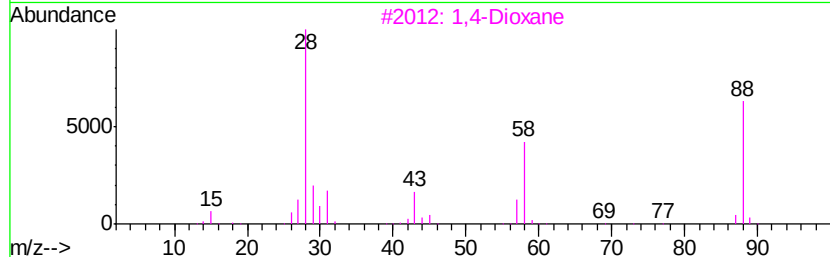
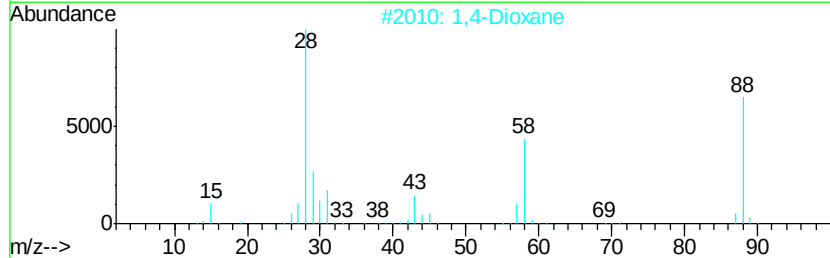
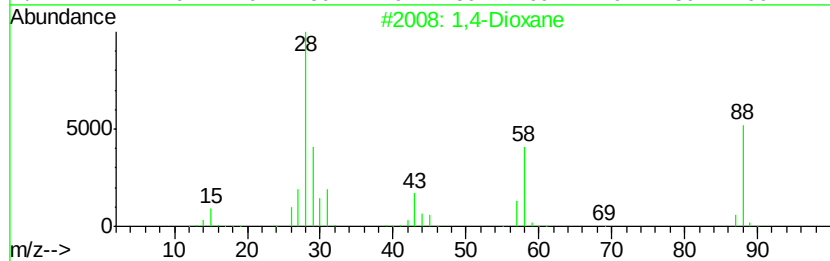
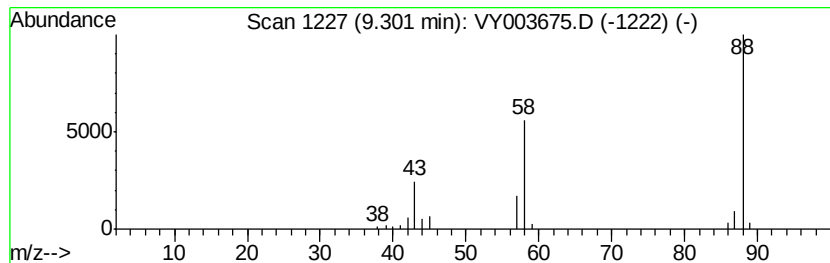
Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 1,4-Dioxane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.30	1.34 ug/L	28593	1,4-Difluorobenzene	8.70		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane		88	C4H8O2	000123-91-1	80
2	1,4-Dioxane		88	C4H8O2	000123-91-1	78
3	1,4-Dioxane		88	C4H8O2	000123-91-1	64
4	1,3,6-Trioxocane		118	C5H10O3	001779-19-7	40
5	Ethanamine, N-methyl-N-nitroso-		88	C3H8N2O	010595-95-6	40



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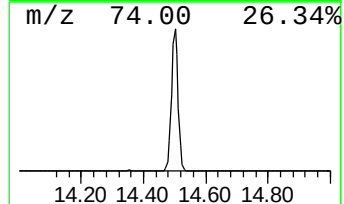
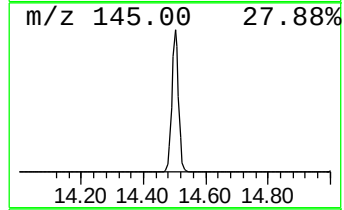
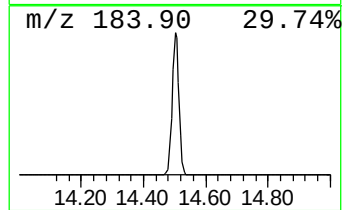
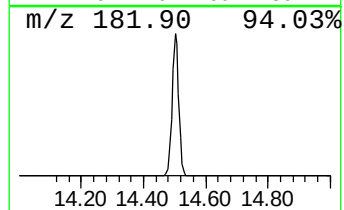
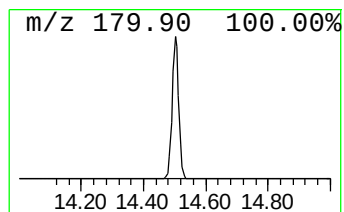
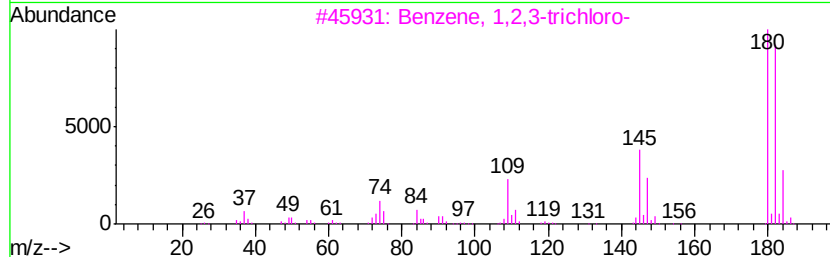
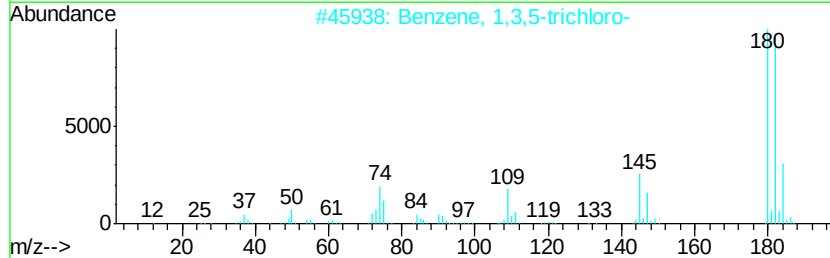
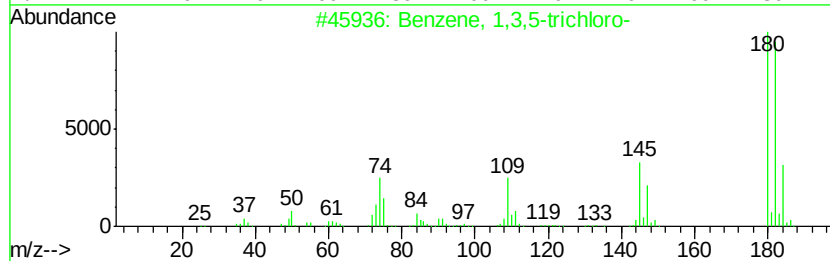
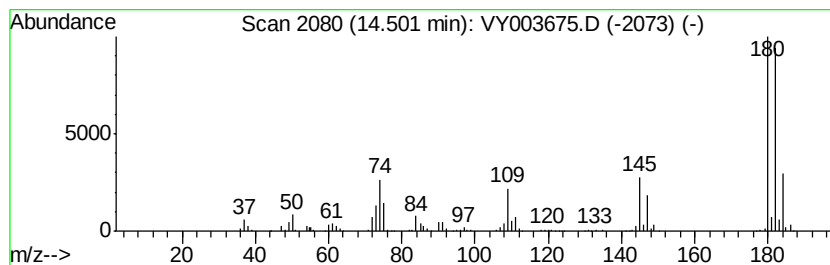
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.50	24.72 ug/L	672726	1,4-Dichlorobenzene-d4	13.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98



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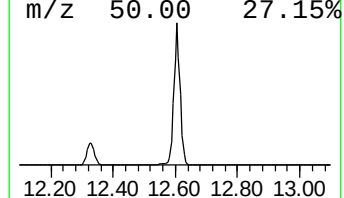
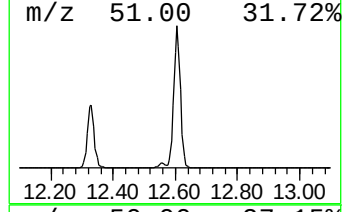
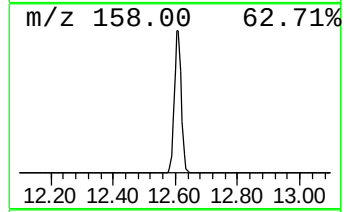
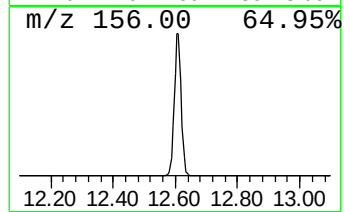
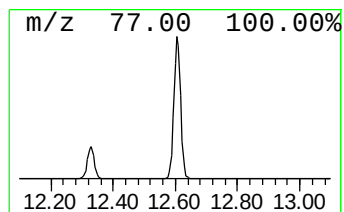
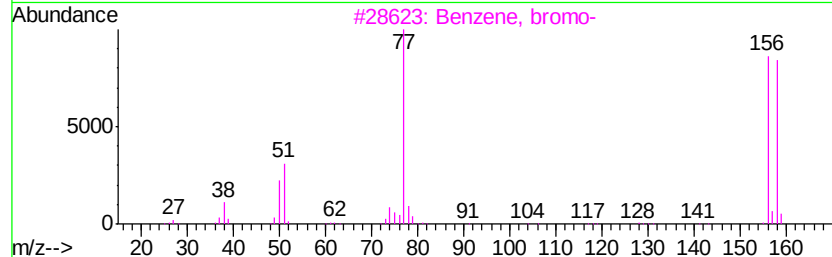
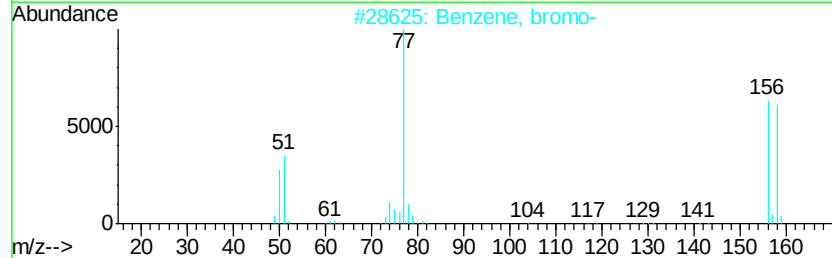
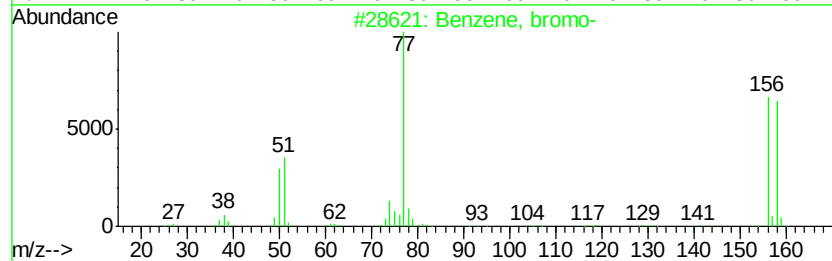
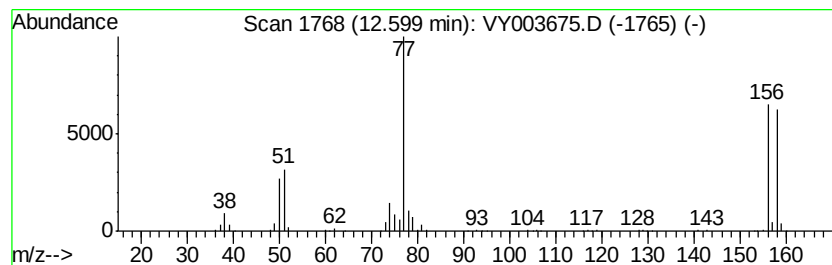
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM120720SMA.M
Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, bromo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	20.27 ug/L	551678	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, bromo-	156	C6H5Br	000108-86-1	97
2		Benzene, bromo-	156	C6H5Br	000108-86-1	96
3		Benzene, bromo-	156	C6H5Br	000108-86-1	95
4		Benzene, bromo-	156	C6H5Br	000108-86-1	91
5		Benzene, bromo-	156	C6H5Br	000108-86-1	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120720\
Data File : VY003675.D
Acq On : 07 Dec 2020 17:32
Operator : SY/MD
Sample : L4958-07
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
X2S41

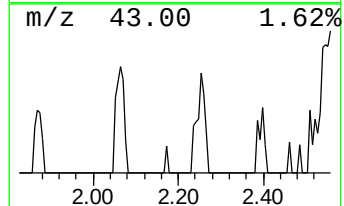
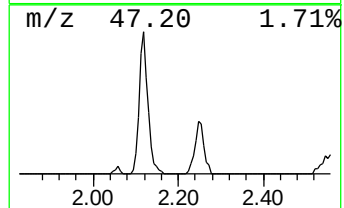
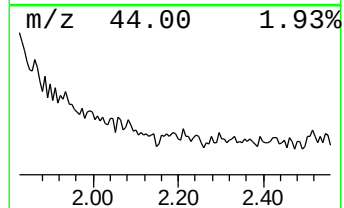
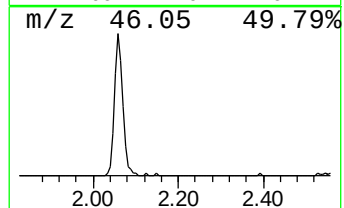
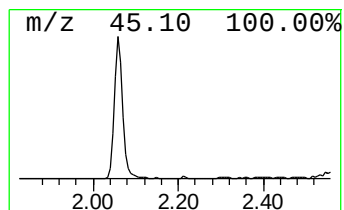
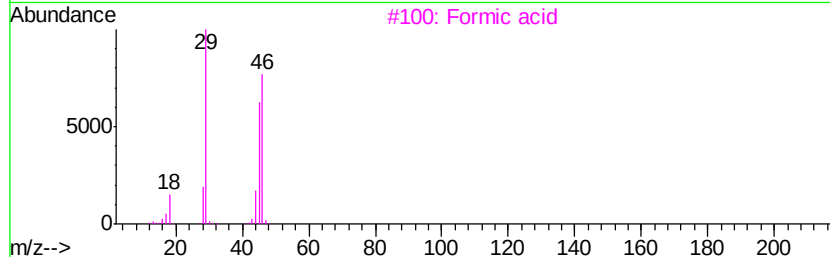
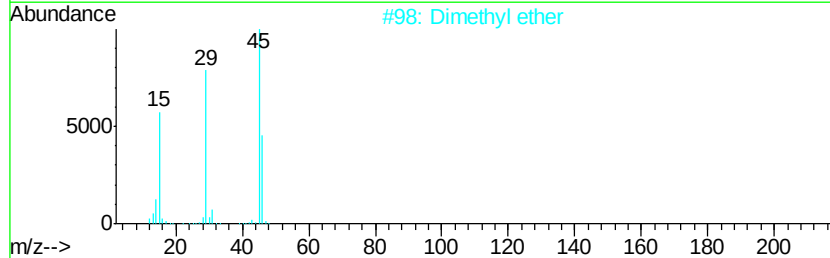
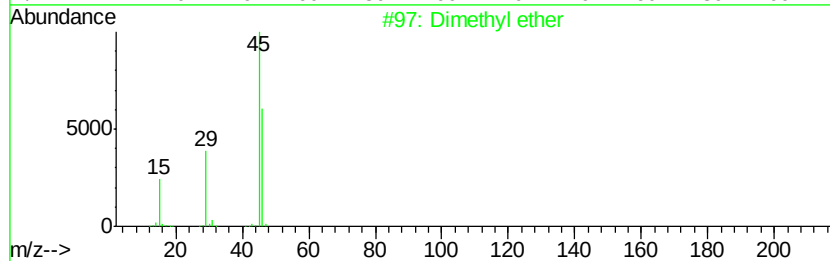
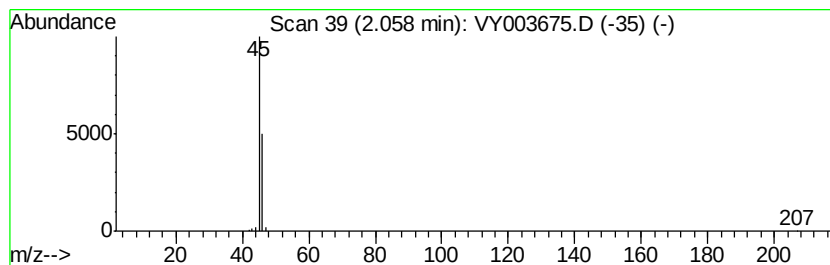
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM120720SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Dimethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.06	1.05 ug/L	22332	1,4-Difluorobenzene	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl ether	46	C2H6O	000115-10-6	9
2		Dimethyl ether	46	C2H6O	000115-10-6	9
3		Formic acid	46	CH2O2	000064-18-6	9
4		Oxalic acid	90	C2H2O4	000144-62-7	9
5		Ethanol	46	C2H6O	000064-17-5	7



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120720\
Data File : VY003675.D
Acq On : 07 Dec 2020 17:32
Operator : SY/MD
Sample : L4958-07
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
X2S41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120720SMA.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
1,4-Dioxane	9.30	1.3	ug/L	28593	1	8.70	532975	25.0
Benzene, 1,3,5-tr...	14.50	24.7	ug/L	672726	3	13.43	680469	25.0
Benzene, bromo-	12.60	20.3	ug/L	551678	3	13.43	680469	25.0
Dimethyl ether	2.06	1.1	ug/L	22332	1	8.70	532975	25.0