

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY011620\
 Data File : VY001263.D
 Acq On : 16 Jan 2020 16:16
 Operator : SY/MD
 Sample : K6467-04
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 X2K74

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\SFAMYL011620SMA.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	1.902	23	27	40	rVB	63607	98097	4.18%	0.316%
2	2.054	47	52	58	rBV	29459	44024	1.88%	0.142%
3	2.115	58	62	71	rVV	75470	109729	4.67%	0.354%
4	2.249	77	84	99	rVB2	228980	400528	17.06%	1.292%
5	2.499	123	125	129	rBV3	1695	1658	0.07%	0.005%
6	2.585	136	139	140	rBV3	1935	1981	0.08%	0.006%
7	2.652	143	150	161	rVV	63079	135841	5.79%	0.438%
8	2.761	161	168	188	rVB2	89152	252371	10.75%	0.814%
9	2.957	198	200	203	rBV4	1094	1046	0.04%	0.003%
10	3.127	221	228	242	rVB	67678	166468	7.09%	0.537%
11	3.255	244	249	256	rVB4	2444	5054	0.22%	0.016%
12	3.865	336	349	375	rBV4	245401	1172685	49.95%	3.781%
13	4.084	381	385	386	rBV3	741	927	0.04%	0.003%
14	4.212	402	406	407	rBV2	612	758	0.03%	0.002%
15	4.395	433	436	438	rBV2	368	538	0.02%	0.002%
16	4.487	438	451	466	rVV2	39521	121128	5.16%	0.391%
17	4.718	477	489	512	rBV	121723	394205	16.79%	1.271%
18	4.932	515	524	540	rVB3	4665	18535	0.79%	0.060%
19	5.224	554	572	595	rBV	275847	1030584	43.90%	3.323%
20	5.572	619	629	631	rBV5	1613	4634	0.20%	0.015%
21	5.755	649	659	669	rVB8	1906	6120	0.26%	0.020%
22	6.267	733	743	752	rBV4	4625	13935	0.59%	0.045%
23	6.755	818	823	826	rVB4	513	906	0.04%	0.003%
24	6.895	836	846	854	rBV	54057	155988	6.64%	0.503%
25	6.992	854	862	885	rVB	138876	388382	16.54%	1.252%
26	7.352	916	921	923	rBV5	661	1222	0.05%	0.004%
27	7.498	931	945	958	rBV3	243489	849340	36.18%	2.739%
28	7.596	958	961	962	rBV2	1385	1212	0.05%	0.004%
29	7.669	971	973	980	rBV4	271	540	0.02%	0.002%
30	7.791	980	993	1006	rVV	275812	709032	30.20%	2.286%
31	8.120	1036	1047	1049	rBV	415318	893757	38.07%	2.882%
32	8.163	1050	1054	1069	rVV	826628	1824878	77.74%	5.885%
33	8.474	1103	1105	1110	rVV2	432	627	0.03%	0.002%
34	8.541	1112	1116	1123	rVB4	658	1471	0.06%	0.005%

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 Title : VOC Analysis

35	8.693	1132	1141	1152	rBV	377093	732615	31.21%	2.362%
36	8.943	1169	1182	1194	rBV	707001	1373000	58.49%	4.427%
37	9.126	1200	1212	1223	rBV	271655	546181	23.27%	1.761%
38	9.303	1233	1241	1251	rBV	13636	33656	1.43%	0.109%
39	9.516	1270	1276	1283	rVV4	2835	5806	0.25%	0.019%
40	9.614	1287	1292	1299	rVV5	2095	4471	0.19%	0.014%
41	9.748	1306	1314	1321	rVB2	7139	14369	0.61%	0.046%
42	9.894	1324	1338	1341	rBV	171070	325272	13.86%	1.049%
43	9.931	1341	1344	1358	rVB	122443	202726	8.64%	0.654%
44	10.071	1362	1367	1370	rBV4	3024	5961	0.25%	0.019%
45	10.114	1370	1374	1378	rVV2	4235	7851	0.33%	0.025%
46	10.181	1378	1385	1390	rVV	614202	1045248	44.53%	3.371%
47	10.242	1390	1395	1406	rVV	1390615	2347501	100.00%	7.570%
48	10.321	1406	1408	1410	rVV2	447	540	0.02%	0.002%
49	10.437	1419	1427	1434	rBV	120095	198215	8.44%	0.639%
50	10.577	1442	1450	1455	rBV	71707	128951	5.49%	0.416%
51	10.644	1455	1461	1467	rVV	261088	429396	18.29%	1.385%
52	10.717	1467	1473	1479	rVV	172632	292415	12.46%	0.943%
53	10.790	1479	1485	1496	rVB	243074	389553	16.59%	1.256%
54	10.949	1503	1511	1521	rBV	41646	68489	2.92%	0.221%
55	11.040	1521	1526	1532	rVB3	4497	7231	0.31%	0.023%
56	11.205	1550	1553	1559	rVB5	753	1170	0.05%	0.004%
57	11.266	1559	1563	1567	rBV5	2029	3766	0.16%	0.012%
58	11.315	1567	1571	1578	rVB	24412	41036	1.75%	0.132%
59	11.492	1592	1600	1610	rBV2	575395	1353734	57.67%	4.365%
60	11.589	1610	1616	1624	rVV	785927	1230208	52.41%	3.967%
61	11.705	1628	1635	1646	rVB	961208	1458118	62.11%	4.702%
62	11.888	1662	1665	1666	rVV2	531	563	0.02%	0.002%
63	11.906	1666	1668	1670	rVV	583	582	0.02%	0.002%
64	11.943	1673	1674	1677	rVV3	471	553	0.02%	0.002%
65	12.028	1680	1688	1698	rVV3	884719	1663554	70.86%	5.364%
66	12.101	1698	1700	1701	rVV2	788	609	0.03%	0.002%
67	12.205	1710	1717	1725	rBV	78154	130297	5.55%	0.420%
68	12.327	1730	1737	1746	rVB	682114	1038396	44.23%	3.348%
69	12.491	1754	1764	1769	rBV	65761	108983	4.64%	0.351%
70	12.565	1769	1776	1779	rVV	290729	578225	24.63%	1.865%
71	12.607	1779	1783	1791	rVV	482546	805814	34.33%	2.598%

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72	12.668	1791	1793	1796	rVB2	700	691	0.03%	0.002%
73	12.735	1799	1804	1809	rBV6	777	2163	0.09%	0.007%
74	12.814	1812	1817	1823	rBV4	5286	9165	0.39%	0.030%
75	12.906	1830	1832	1837	rVB5	1479	1979	0.08%	0.006%
76	12.973	1837	1843	1847	rVB4	4398	7482	0.32%	0.024%
77	13.064	1855	1858	1860	rBV4	1388	1869	0.08%	0.006%
78	13.119	1860	1867	1874	rVV	818782	1211644	51.61%	3.907%
79	13.180	1874	1877	1882	rVB4	5911	9686	0.41%	0.031%
80	13.241	1882	1887	1888	rBV4	1168	1986	0.08%	0.006%
81	13.284	1890	1894	1900	rVB4	3247	5429	0.23%	0.018%
82	13.363	1900	1907	1912	rBV	482230	748317	31.88%	2.413%
83	13.424	1912	1917	1932	rVB2	607894	1230733	52.43%	3.969%
84	13.638	1948	1952	1956	rBV4	3576	6408	0.27%	0.021%
85	13.723	1956	1966	1973	rVV	531705	852671	36.32%	2.750%
86	13.784	1973	1976	1981	rVB5	3060	4333	0.18%	0.014%
87	13.900	1992	1995	2000	rVB6	1648	2392	0.10%	0.008%
88	13.967	2000	2006	2017	rVB	18268	29551	1.26%	0.095%
89	14.076	2021	2024	2031	rVB5	992	1691	0.07%	0.005%
90	14.211	2042	2046	2048	rBV3	2367	2216	0.09%	0.007%
91	14.485	2083	2091	2099	rVB10	2816	7724	0.33%	0.025%
92	14.735	2126	2132	2133	rBV4	741	1111	0.05%	0.004%
93	14.820	2145	2146	2149	rBV3	628	755	0.03%	0.002%
94	14.893	2156	2158	2160	rBV2	796	823	0.04%	0.003%
95	15.003	2170	2176	2183	rBV	378671	613667	26.14%	1.979%
96	15.314	2223	2227	2232	rVB	12950	19795	0.84%	0.064%
97	15.424	2236	2245	2253	rVB	483155	851966	36.29%	2.747%
98	15.564	2266	2268	2269	rBV2	814	743	0.03%	0.002%
99	16.198	2370	2372	2374	rBV	711	603	0.03%	0.002%
100	16.405	2403	2406	2408	rVB3	699	728	0.03%	0.002%

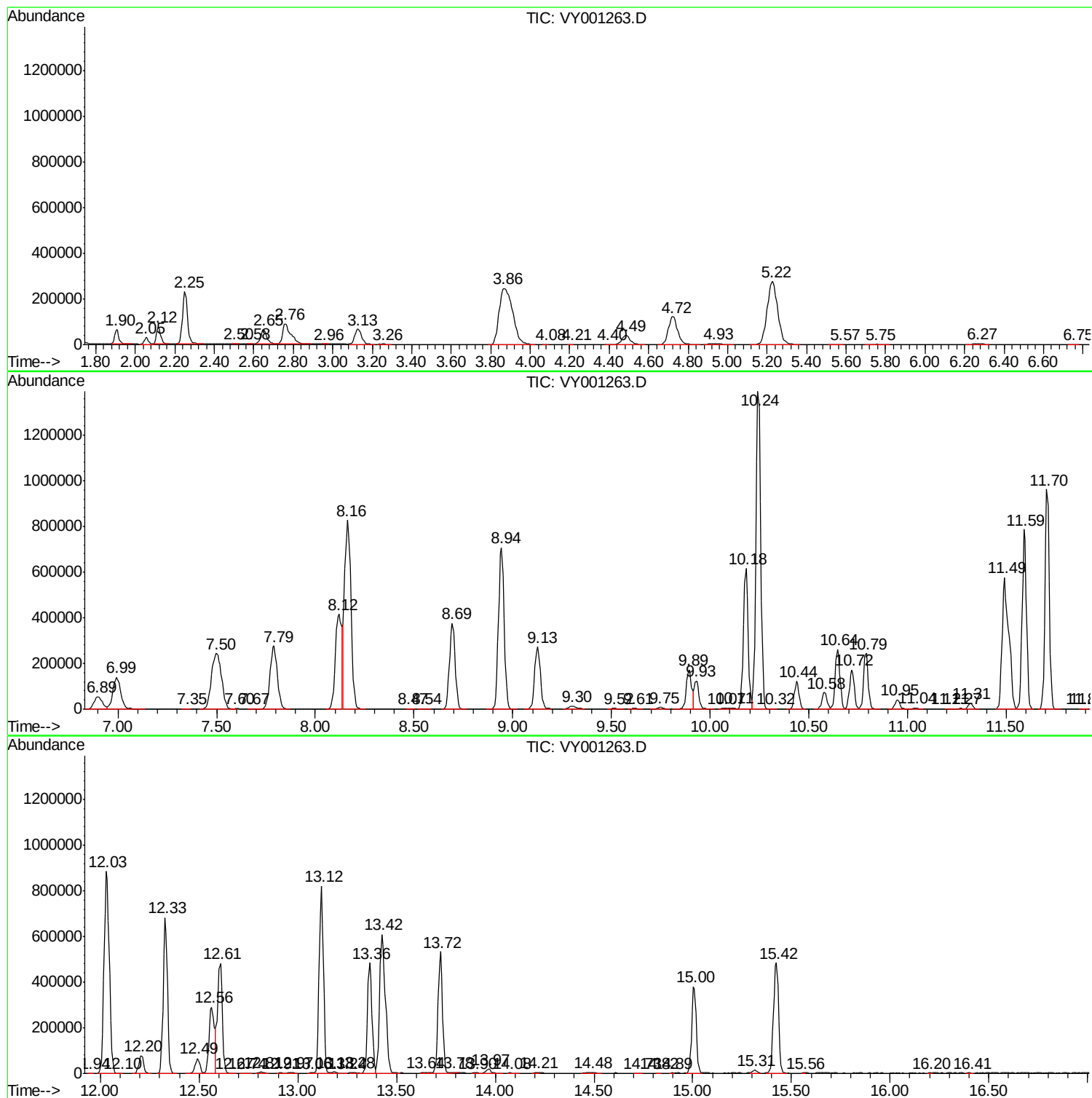
Sum of corrected areas: 31011577

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM011620SMA.M
Quant Title : VOC Analysis

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



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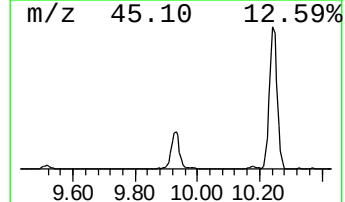
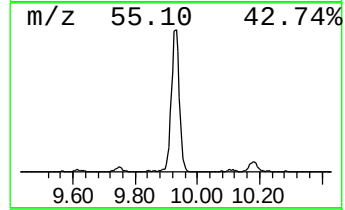
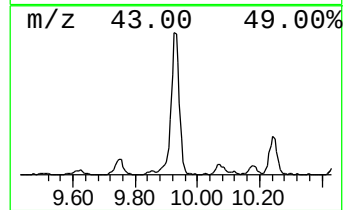
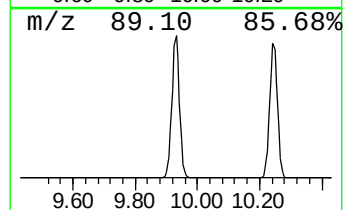
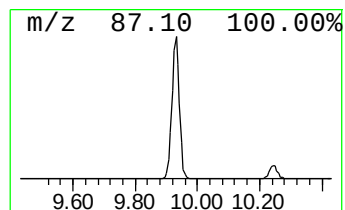
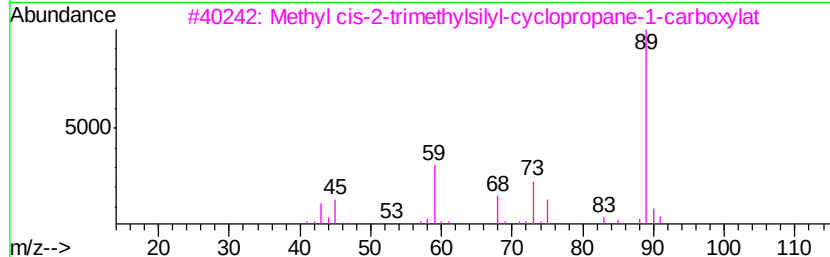
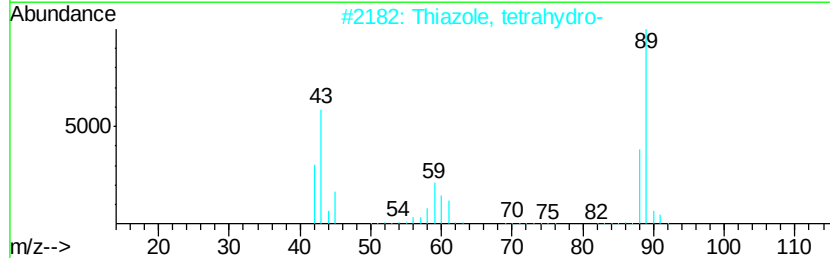
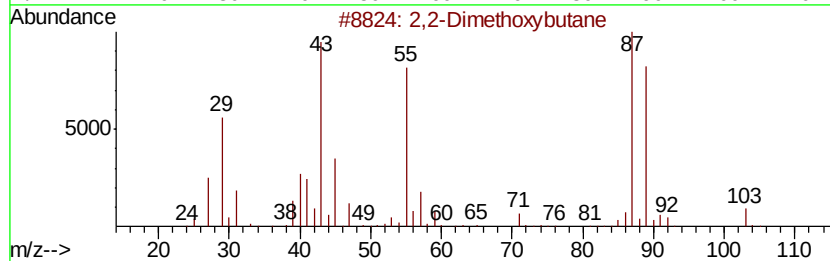
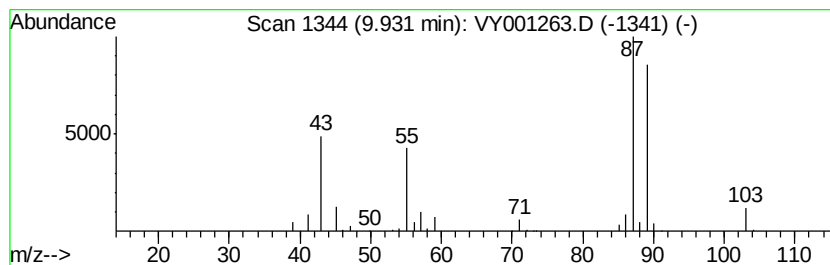
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL011620SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 2,2-Dimethoxybutane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	6.92 ug/L	202726	1,4-Difluorobenzene	8.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	74
2		Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	53
3		Methyl cis-2-trimethylsilyl-cyclopropane-1-carboxylate	172	C8H16O2Si	1000144-79-0	42
4		Thiopropionamide	89	C3H7NS	000631-58-3	36
5		Oxazolidin-2-one	87	C3H5NO2	000497-25-6	9



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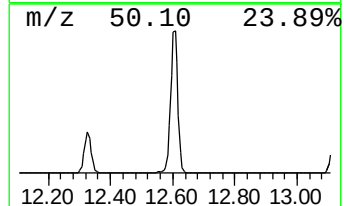
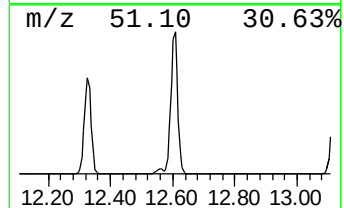
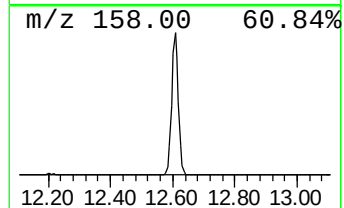
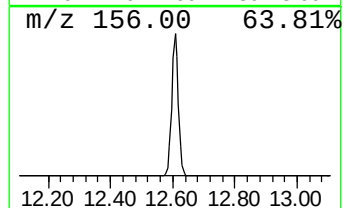
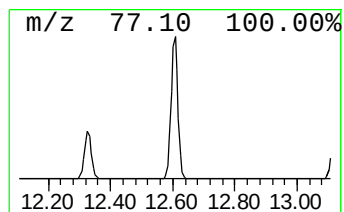
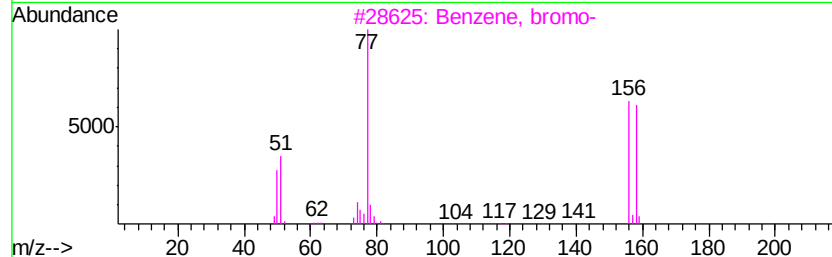
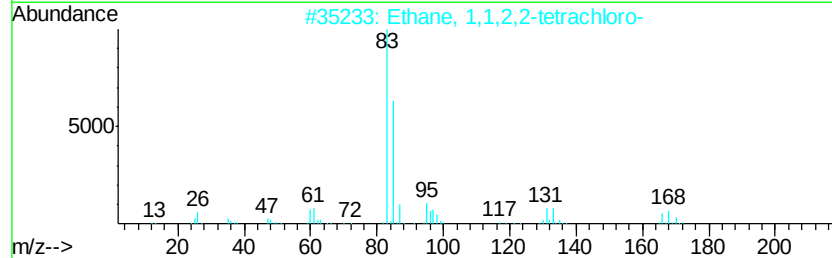
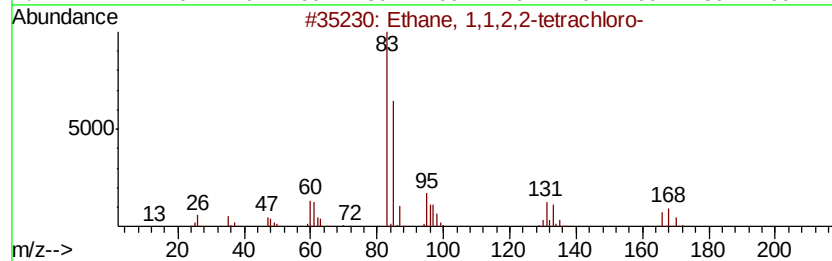
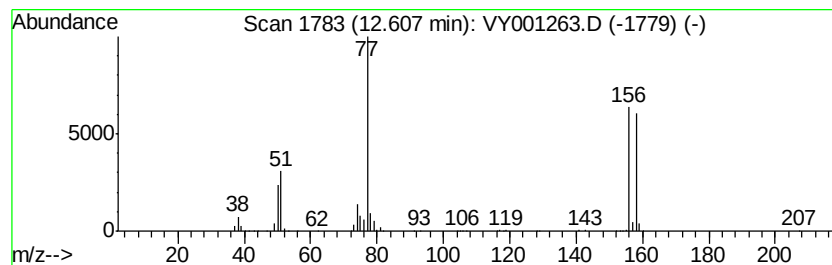
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, bromo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	16.37 ug/L	805814	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethane, 1,1,2,2-tetrachloro-	166 C2H2Cl4	000079-34-5 95
2		Ethane, 1,1,2,2-tetrachloro-	166 C2H2Cl4	000079-34-5 90
3		Benzene, bromo-	156 C6H5Br	000108-86-1 90
4		Benzene, bromo-	156 C6H5Br	000108-86-1 87
5		Benzene, bromo-	156 C6H5Br	000108-86-1 64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,2-Dimethoxybutane	9.93	6.9	ug/L	202726	1	8.69	732615	25.0
Benzene, bromo-	12.61	16.4	ug/L	805814	3	13.42	1230730	25.0