

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003693.D
 Acq On : 09 Dec 2020 11:34
 Operator : SY/MD
 Sample : L4980-09
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F2

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\SOM2YLM120420S.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	2.064	35	40	45	rBV	15671	22056	2.18%	0.124%
2	2.119	45	49	62	rVB	74171	113038	11.16%	0.636%
3	2.253	65	71	81	rVB	75855	119474	11.80%	0.672%
4	2.656	132	137	148	rVB2	28727	57679	5.70%	0.324%
5	2.765	149	155	164	rVV	52811	103219	10.19%	0.581%
6	3.137	208	216	229	rVB2	76264	175309	17.31%	0.986%
7	3.674	298	304	312	rBV5	1089	3219	0.32%	0.018%
8	3.875	325	337	346	rBV2	184903	612426	60.47%	3.445%
9	4.198	386	390	392	rBV2	686	905	0.09%	0.005%
10	4.283	402	404	406	rVB2	372	246	0.02%	0.001%
11	4.308	406	408	409	rBV	308	265	0.03%	0.001%
12	4.375	417	419	423	rBV2	204	222	0.02%	0.001%
13	4.491	427	438	455	rVV	43464	129834	12.82%	0.730%
14	4.637	460	462	463	rBV	361	341	0.03%	0.002%
15	4.729	465	477	493	rBV2	54295	172366	17.02%	0.970%
16	5.234	543	560	579	rBV	197347	696550	68.78%	3.918%
17	5.564	612	614	617	rBV2	429	350	0.03%	0.002%
18	5.753	638	645	656	rVB3	2931	9170	0.91%	0.052%
19	5.838	656	659	660	rBV2	348	279	0.03%	0.002%
20	5.856	660	662	665	rVV2	274	301	0.03%	0.002%
21	5.881	665	666	670	rVB2	271	225	0.02%	0.001%
22	6.295	733	734	739	rVB	264	311	0.03%	0.002%
23	6.356	742	744	750	rVB3	258	319	0.03%	0.002%
24	6.399	750	751	753	rVB2	358	215	0.02%	0.001%
25	6.423	753	755	759	rVB2	314	353	0.03%	0.002%
26	6.460	759	761	765	rBV2	363	487	0.05%	0.003%
27	6.503	765	768	770	rVV3	371	356	0.04%	0.002%
28	6.521	770	771	775	rVB	335	283	0.03%	0.002%
29	6.564	775	778	779	rBV2	227	242	0.02%	0.001%
30	6.801	816	817	822	rBV2	306	235	0.02%	0.001%
31	6.899	824	833	841	rBV2	29234	82236	8.12%	0.463%
32	6.996	841	849	863	rVB	152607	422866	41.75%	2.379%
33	7.344	897	906	917	rVB	69273	174289	17.21%	0.980%
34	7.490	920	930	944	rVB	129438	333952	32.97%	1.879%

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 Title : VOC Analysis

35	7.710	956	966	972	rBV	61738	160786	15.88%	0.904%
36	7.789	972	979	990	rVV	195671	492104	48.59%	2.768%
37	7.911	990	999	1012	rVB	74115	184945	18.26%	1.040%
38	8.118	1023	1033	1047	rBV2	352191	1012768	100.00%	5.697%
39	8.246	1047	1054	1063	rVV	45328	96494	9.53%	0.543%
40	8.344	1068	1070	1072	rVB2	434	271	0.03%	0.002%
41	8.405	1079	1080	1084	rBV	294	309	0.03%	0.002%
42	8.447	1084	1087	1089	rVV	252	252	0.02%	0.001%
43	8.478	1089	1092	1093	rVV2	344	277	0.03%	0.002%
44	8.527	1095	1100	1106	rVB6	1089	2420	0.24%	0.014%
45	8.697	1119	1128	1138	rVB	248379	491155	48.50%	2.763%
46	8.856	1150	1154	1159	rBV2	275	394	0.04%	0.002%
47	8.941	1159	1168	1181	rVB	402269	802723	79.26%	4.516%
48	9.124	1189	1198	1203	rBV	184042	374873	37.01%	2.109%
49	9.185	1203	1208	1222	rVV2	346996	891485	88.02%	5.015%
50	9.307	1222	1228	1238	rVB2	11273	26441	2.61%	0.149%
51	9.447	1249	1251	1252	rBV2	406	302	0.03%	0.002%
52	9.502	1252	1260	1266	rBV	134150	255303	25.21%	1.436%
53	9.636	1280	1282	1285	rVB3	231	226	0.02%	0.001%
54	9.746	1296	1300	1304	rBV4	770	1000	0.10%	0.006%
55	9.837	1308	1315	1316	rBV3	843	1334	0.13%	0.008%
56	9.892	1318	1324	1327	rBV	118569	209966	20.73%	1.181%
57	10.002	1339	1342	1348	rVB2	5346	7956	0.79%	0.045%
58	10.179	1363	1371	1377	rBV	415567	723441	71.43%	4.070%
59	10.246	1377	1382	1390	rVB	412348	679977	67.14%	3.825%
60	10.392	1404	1406	1407	rBV	296	218	0.02%	0.001%
61	10.441	1407	1414	1417	rBV2	97841	193187	19.08%	1.087%
62	10.581	1430	1437	1444	rBV	71749	124162	12.26%	0.698%
63	10.721	1452	1460	1466	rBV	526237	865571	85.47%	4.869%
64	10.788	1466	1471	1475	rVV	119253	194345	19.19%	1.093%
65	10.837	1475	1479	1485	rVB	93554	145925	14.41%	0.821%
66	10.983	1492	1503	1511	rBV2	141022	285733	28.21%	1.607%
67	11.319	1552	1558	1566	rVB	36959	62356	6.16%	0.351%
68	11.489	1577	1586	1595	rBV	376658	617824	61.00%	3.475%
69	11.593	1595	1603	1611	rBV	342144	531405	52.47%	2.989%
70	11.709	1615	1622	1630	rBV	223611	338984	33.47%	1.907%
71	12.032	1668	1675	1682	rBV	267429	408589	40.34%	2.298%

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72	12.142	1690	1693	1694	rBV3	333	396	0.04%	0.002%
73	12.209	1702	1704	1708	rBV4	299	421	0.04%	0.002%
74	12.331	1717	1724	1733	rBV2	308379	598134	59.06%	3.365%
75	12.495	1744	1751	1756	rVV	40699	68858	6.80%	0.387%
76	12.562	1756	1762	1765	rVV	178199	280228	27.67%	1.576%
77	12.611	1765	1770	1778	rVB	342422	551034	54.41%	3.100%
78	12.770	1794	1796	1799	rBV2	407	440	0.04%	0.002%
79	12.831	1799	1806	1814	rVV6	4032	9573	0.95%	0.054%
80	13.008	1834	1835	1838	rBV2	240	250	0.02%	0.001%
81	13.129	1852	1855	1858	rVB4	928	919	0.09%	0.005%
82	13.184	1860	1864	1870	rVB	6855	10164	1.00%	0.057%
83	13.245	1870	1874	1876	rVB2	408	468	0.05%	0.003%
84	13.288	1876	1881	1883	rBV4	1259	1827	0.18%	0.010%
85	13.367	1887	1894	1899	rBV	354022	547470	54.06%	3.080%
86	13.428	1899	1904	1911	rVB	413270	641425	63.33%	3.608%
87	13.581	1926	1929	1930	rBV2	293	257	0.03%	0.001%
88	13.642	1935	1939	1943	rBV3	1312	1967	0.19%	0.011%
89	13.727	1943	1953	1968	rVB3	454596	879258	86.82%	4.946%
90	13.885	1978	1979	1981	rBV	408	330	0.03%	0.002%
91	13.904	1981	1982	1984	rVV2	578	391	0.04%	0.002%
92	13.965	1987	1992	2001	rVB	7184	11072	1.09%	0.062%
93	14.361	2050	2057	2063	rBV	55646	85849	8.48%	0.483%
94	14.501	2073	2080	2090	rBV	422246	652086	64.39%	3.668%
95	14.794	2124	2128	2132	rBV3	1535	2114	0.21%	0.012%
96	14.849	2136	2137	2141	rBV2	416	368	0.04%	0.002%
97	15.013	2159	2164	2171	rBV6	4135	7265	0.72%	0.041%
98	15.318	2210	2214	2220	rVB3	2596	4540	0.45%	0.026%
99	15.501	2242	2244	2245	rVB	528	249	0.02%	0.001%
100	16.336	2378	2381	2383	rBV3	544	572	0.06%	0.003%

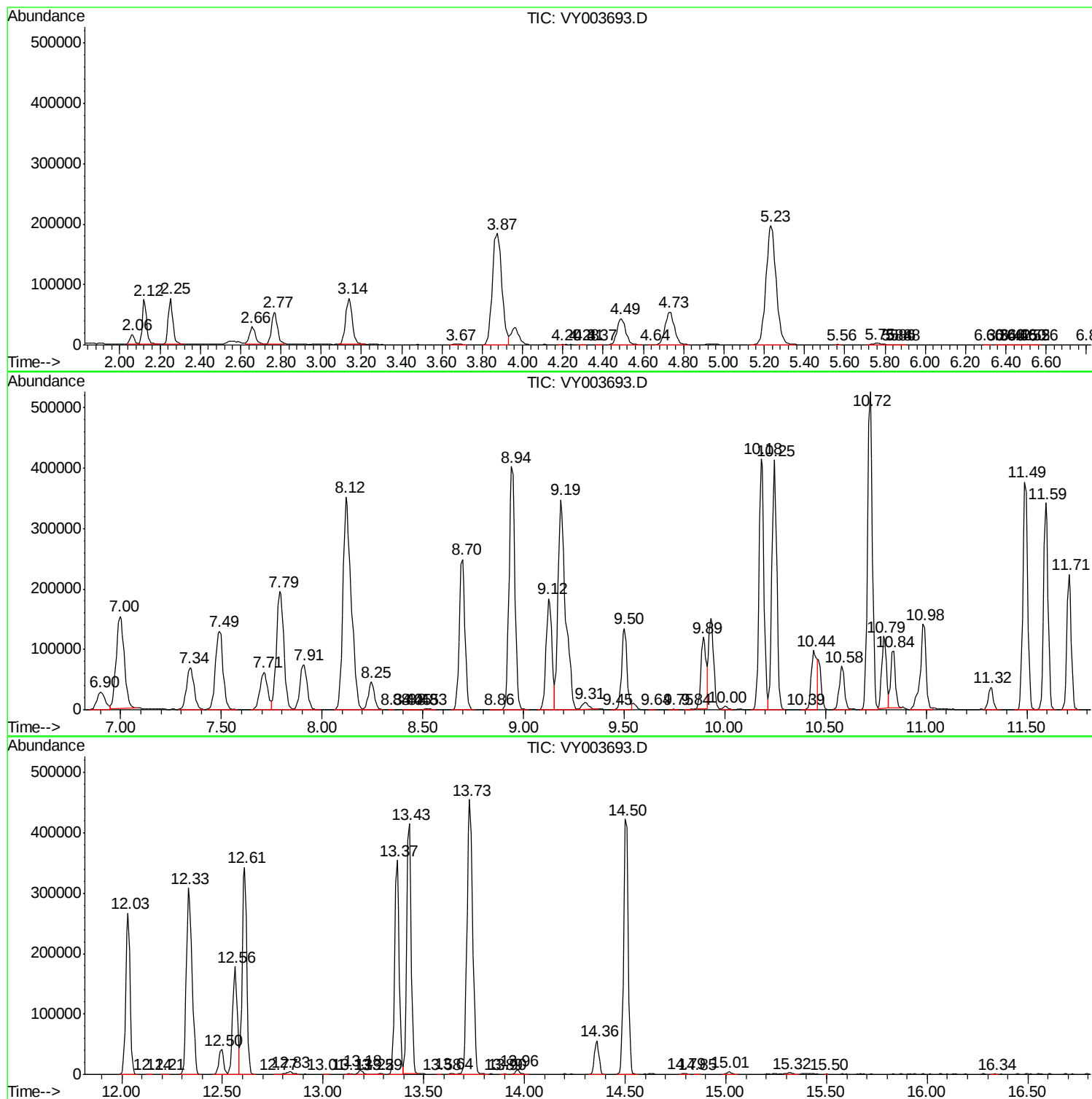
Sum of corrected areas: 17777044

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis

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



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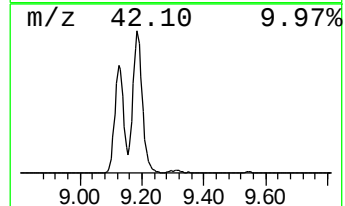
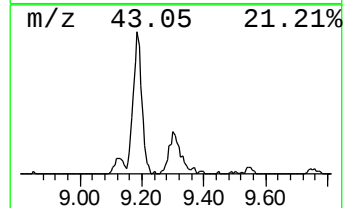
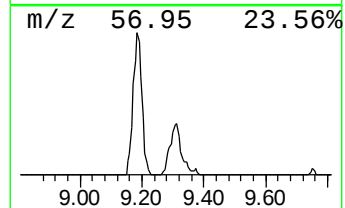
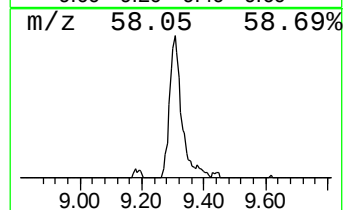
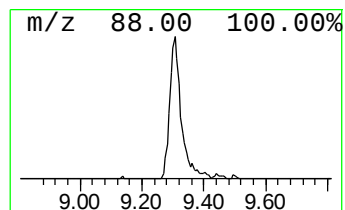
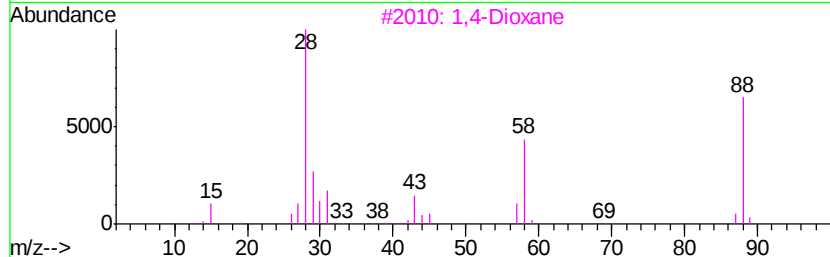
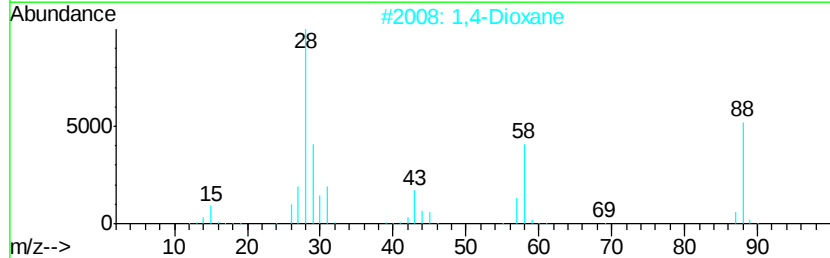
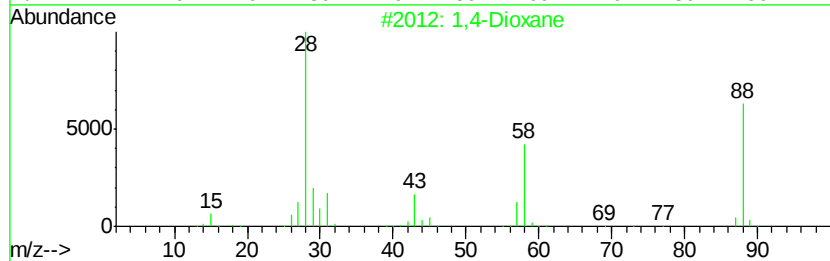
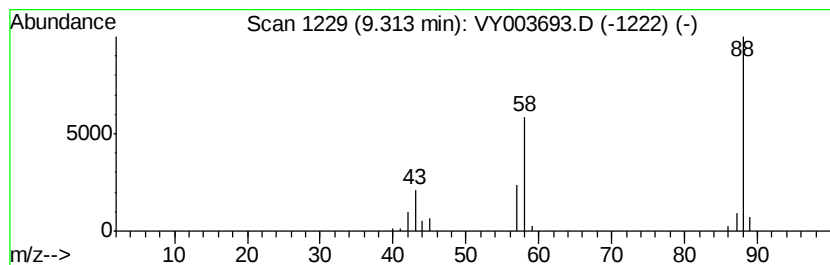
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis

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

Peak Number 1 1,4-Dioxane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	1.35 ug/L	26441	1,4-Difluorobenzene	8.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dioxane	88	C4H8O2	000123-91-1	91
2			1,4-Dioxane	88	C4H8O2	000123-91-1	90
3			1,4-Dioxane	88	C4H8O2	000123-91-1	90
4			1,4-Dioxane	88	C4H8O2	000123-91-1	83
5			1,3,6-Trioxocane	118	C5H10O3	001779-19-7	83



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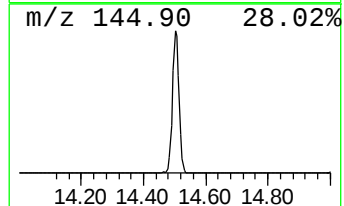
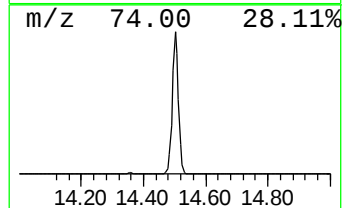
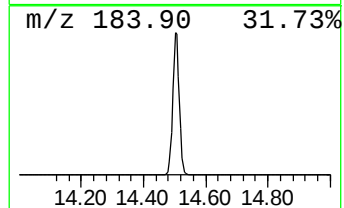
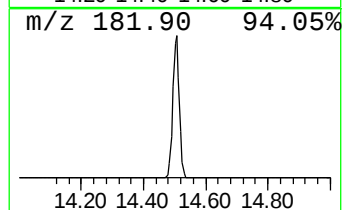
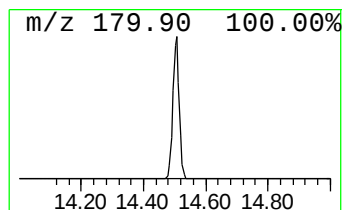
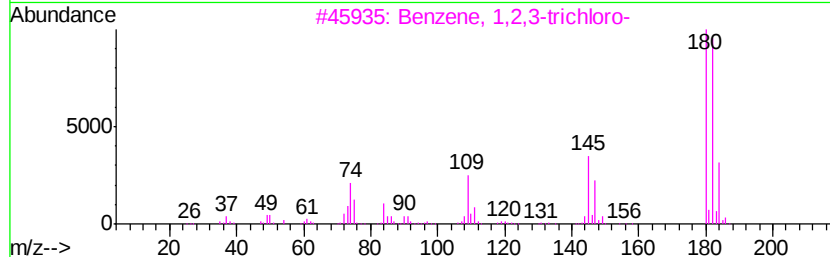
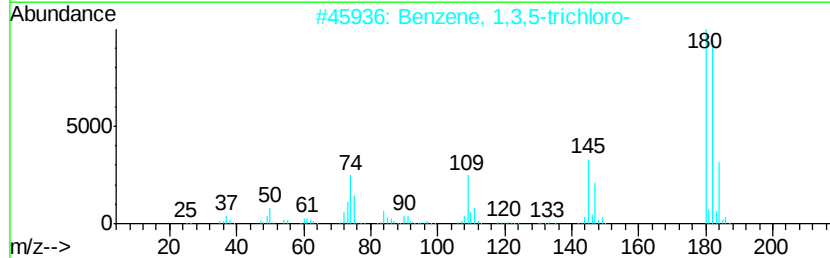
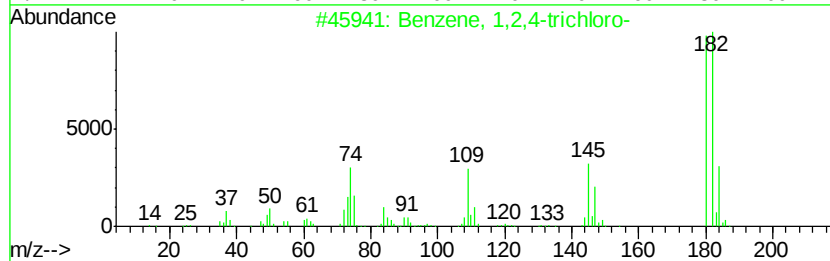
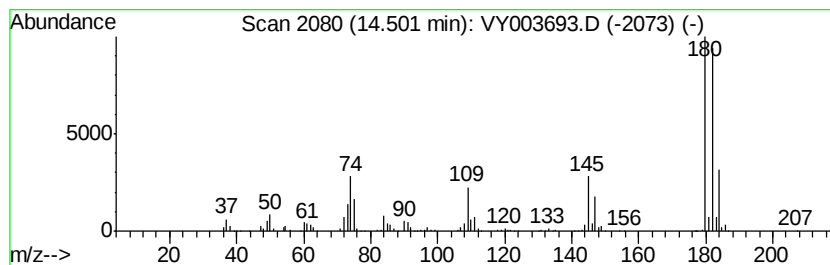
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	25.42 ug/L	652086	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	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	96



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,4-Dioxane	9.31	1.4	ug/L	26441	1	8.70	491155	25.0
Benzene, 1,3,5-tr...	14.50	25.4	ug/L	652086	3	13.43	641425	25.0