

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003758.D
 Acq On : 14 Dec 2020 19:11
 Operator : SY/MD
 Sample : VIBLK65
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK65

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\SOM2YLM121420S.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	1.869	5	8	14	rVB4	977	1758	0.11%	0.016%
2	1.997	26	29	30	rVB2	568	550	0.03%	0.005%
3	2.058	34	39	45	rBV4	1424	3158	0.20%	0.028%
4	2.113	47	48	49	rBV	995	610	0.04%	0.005%
5	2.247	63	70	83	rVV	119083	194439	12.07%	1.731%
6	2.479	103	108	109	rBV3	1423	1647	0.10%	0.015%
7	2.528	112	116	117	rBV4	2875	3231	0.20%	0.029%
8	2.698	142	144	148	rVB4	1185	1049	0.07%	0.009%
9	2.771	148	156	169	rBV	87289	171081	10.62%	1.523%
10	2.875	171	173	176	rVB4	801	597	0.04%	0.005%
11	2.912	176	179	180	rBV3	807	693	0.04%	0.006%
12	3.143	212	217	219	rBV4	1229	1583	0.10%	0.014%
13	3.186	221	224	228	rVB4	406	531	0.03%	0.005%
14	3.259	230	236	244	rVV4	2084	5029	0.31%	0.045%
15	3.320	244	246	249	rVB2	505	502	0.03%	0.004%
16	3.454	266	268	271	rBV3	763	632	0.04%	0.006%
17	3.546	278	283	286	rBV5	553	937	0.06%	0.008%
18	3.863	323	335	350	rBV	193097	513975	31.90%	4.576%
19	3.966	350	352	362	rVV7	1979	3834	0.24%	0.034%
20	4.070	365	369	370	rVV2	601	666	0.04%	0.006%
21	4.222	386	394	403	rVV4	1752	5899	0.37%	0.053%
22	4.363	413	417	419	rBV3	580	740	0.05%	0.007%
23	4.728	467	477	489	rBV2	17188	54874	3.41%	0.489%
24	4.808	489	490	493	rVB2	856	528	0.03%	0.005%
25	4.917	499	508	509	rBV3	1490	2284	0.14%	0.020%
26	4.948	509	513	517	rVV3	2532	5406	0.34%	0.048%
27	4.978	517	518	523	rVV3	1306	1466	0.09%	0.013%
28	5.241	557	561	564	rVB4	383	508	0.03%	0.005%
29	5.356	577	580	584	rVB2	368	502	0.03%	0.004%
30	5.411	587	589	593	rVB2	449	533	0.03%	0.005%
31	5.564	608	614	621	rBV8	1057	3115	0.19%	0.028%
32	5.765	638	647	657	rBV6	3487	10947	0.68%	0.097%
33	6.899	822	833	842	rBV	60498	173002	10.74%	1.540%
34	6.996	842	849	868	rVB	39749	133668	8.30%	1.190%

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35	7.289	894	897	898	rVB3	681	676	0.04%	0.006%
36	7.332	902	904	907	rBV2	530	622	0.04%	0.006%
37	7.490	918	930	943	rBV	210338	526146	32.66%	4.685%
38	7.600	947	948	951	rVV2	745	650	0.04%	0.006%
39	7.667	956	959	960	rBV3	853	635	0.04%	0.006%
40	7.704	960	965	969	rVB6	1432	2568	0.16%	0.023%
41	7.795	976	980	982	rBV4	561	650	0.04%	0.006%
42	7.893	993	996	999	rBV4	612	711	0.04%	0.006%
43	8.118	1023	1033	1047	rBV3	550132	1611030	100.00%	14.345%
44	8.246	1052	1054	1057	rVB3	816	671	0.04%	0.006%
45	8.362	1067	1073	1076	rBV5	719	1430	0.09%	0.013%
46	8.405	1076	1080	1085	rBV3	432	1004	0.06%	0.009%
47	8.588	1106	1110	1114	rVB5	638	716	0.04%	0.006%
48	8.624	1114	1116	1117	rBV2	522	512	0.03%	0.005%
49	8.697	1119	1128	1138	rBV	412717	818373	50.80%	7.287%
50	8.770	1138	1140	1145	rVB4	807	1059	0.07%	0.009%
51	8.825	1147	1149	1151	rVB2	682	594	0.04%	0.005%
52	8.929	1155	1166	1174	rBV2	19627	42233	2.62%	0.376%
53	8.996	1174	1177	1182	rVB6	974	1496	0.09%	0.013%
54	9.051	1183	1186	1189	rBV3	574	702	0.04%	0.006%
55	9.124	1189	1198	1207	rBV	297168	597780	37.11%	5.323%
56	9.240	1214	1217	1221	rVB5	1166	1222	0.08%	0.011%
57	9.301	1224	1227	1229	rBV4	643	969	0.06%	0.009%
58	9.374	1237	1239	1240	rBV2	873	487	0.03%	0.004%
59	9.417	1244	1246	1247	rBV2	732	510	0.03%	0.005%
60	9.447	1250	1251	1252	rBV	929	542	0.03%	0.005%
61	9.484	1255	1257	1258	rBV2	668	661	0.04%	0.006%
62	9.502	1258	1260	1262	rBV3	978	711	0.04%	0.006%
63	9.581	1272	1273	1275	rBV2	914	970	0.06%	0.009%
64	9.618	1276	1279	1281	rVV3	1270	1634	0.10%	0.015%
65	9.679	1287	1289	1291	rVB3	982	925	0.06%	0.008%
66	9.752	1291	1301	1303	rBV10	4272	9344	0.58%	0.083%
67	9.892	1311	1324	1334	rBV	199854	347652	21.58%	3.095%
68	10.075	1350	1354	1355	rBV3	2922	3455	0.21%	0.031%
69	10.179	1364	1371	1381	rBV	630954	1117477	69.36%	9.950%
70	10.441	1405	1414	1423	rBV	135404	238777	14.82%	2.126%
71	10.581	1430	1437	1445	rBV	124281	225151	13.98%	2.005%

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72	10.703	1455	1457	1458	rBV2	1796	1423	0.09%	0.013%
73	10.788	1465	1471	1486	rVB	263242	414463	25.73%	3.690%
74	10.953	1492	1498	1506	rBV	41540	86406	5.36%	0.769%
75	11.270	1547	1550	1552	rBV3	2936	3449	0.21%	0.031%
76	11.319	1552	1558	1565	rVV	62089	106202	6.59%	0.946%
77	11.489	1579	1586	1593	rVB	642086	1008492	62.60%	8.980%
78	11.831	1640	1642	1643	rBV2	2164	1418	0.09%	0.013%
79	12.136	1688	1692	1693	rBV4	5032	7079	0.44%	0.063%
80	12.331	1721	1724	1727	rBV5	4597	6731	0.42%	0.060%
81	12.489	1744	1750	1756	rBV	96755	163351	10.14%	1.454%
82	12.562	1756	1762	1768	rVV	263914	419527	26.04%	3.735%
83	12.764	1792	1795	1797	rBV4	5614	8018	0.50%	0.071%
84	13.184	1861	1864	1869	rVB2	13035	17952	1.11%	0.160%
85	13.422	1897	1903	1909	rBV	687629	1053435	65.39%	9.380%
86	13.721	1946	1952	1959	rVV	621240	941758	58.46%	8.385%
87	13.782	1960	1962	1968	rVB7	6994	10282	0.64%	0.092%
88	13.965	1987	1992	1997	rVB3	22578	38579	2.39%	0.344%
89	15.312	2207	2213	2218	rBV4	13383	26296	1.63%	0.234%
90	15.678	2271	2273	2276	rBV3	2439	3354	0.21%	0.030%
91	15.879	2301	2306	2307	rBV5	4338	6032	0.37%	0.054%
92	16.025	2326	2330	2334	rVB6	2638	4647	0.29%	0.041%
93	16.208	2357	2360	2361	rBV3	2481	2441	0.15%	0.022%
94	16.287	2369	2373	2379	rVB2	8623	13996	0.87%	0.125%
95	16.482	2400	2405	2412	rVB6	7854	16621	1.03%	0.148%
96	16.537	2412	2414	2417	rVB3	1155	1153	0.07%	0.010%
97	16.586	2420	2422	2425	rBV4	2102	2802	0.17%	0.025%
98	16.617	2425	2427	2430	rBV4	1348	1759	0.11%	0.016%
99	16.665	2433	2435	2440	rBV6	1194	1997	0.12%	0.018%
100	16.763	2449	2451	2454	rVB4	1000	562	0.03%	0.005%

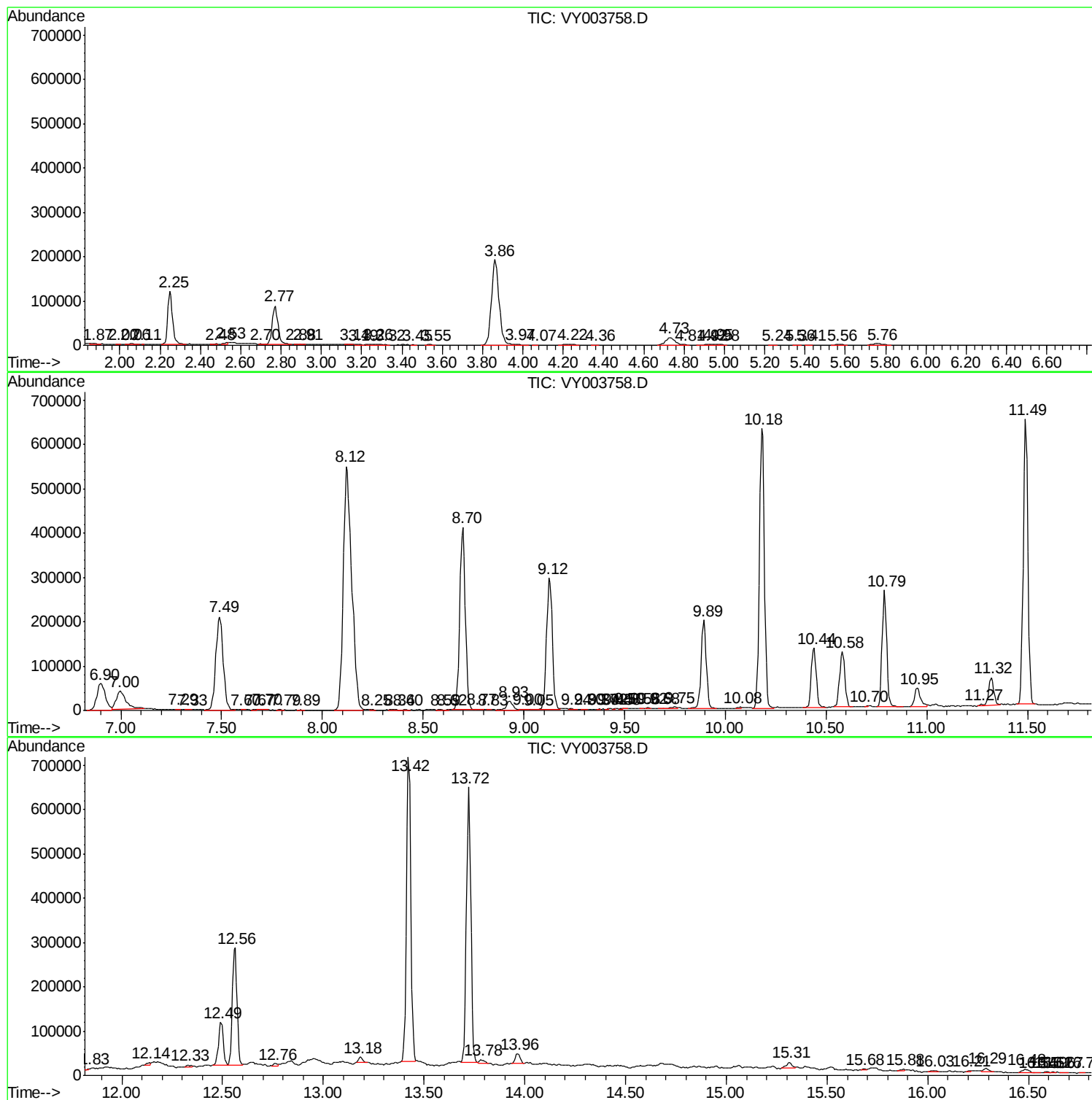
Sum of corrected areas: 11230944

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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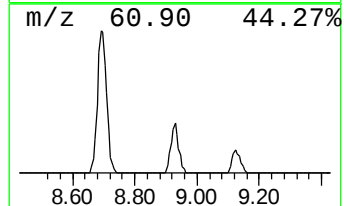
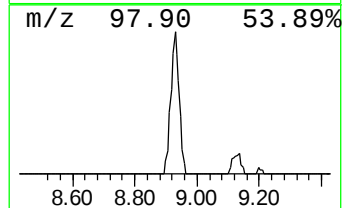
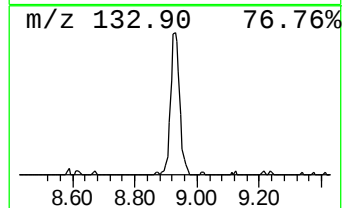
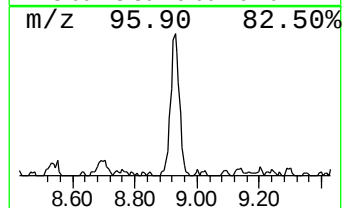
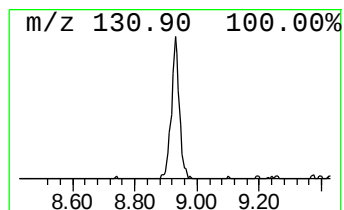
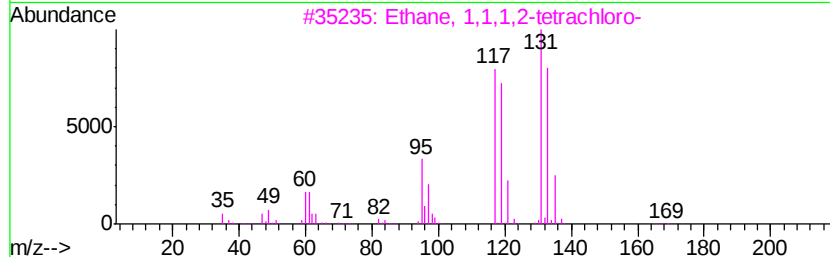
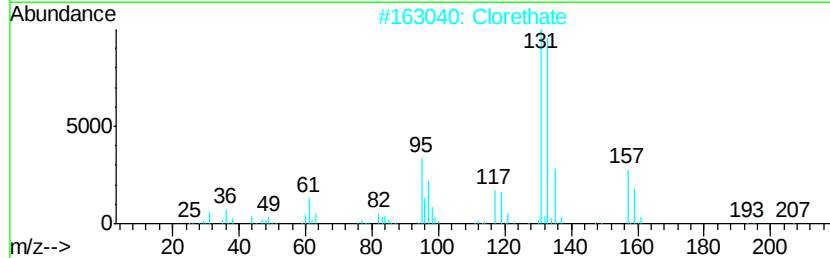
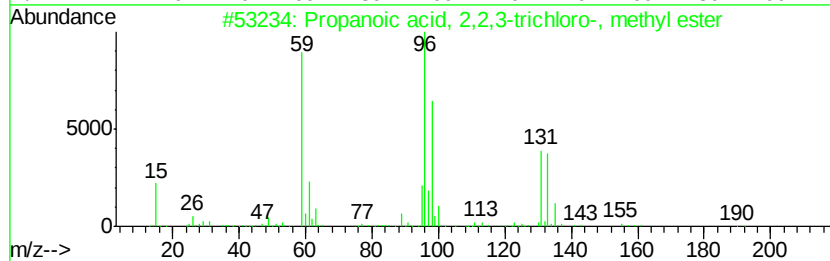
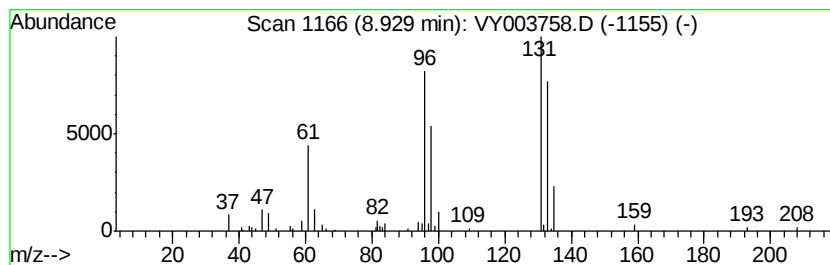
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

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

Peak Number 2 Propanoic acid, 2,2,3-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	1.29 ug/L	42233	1,4-Difluorobenzene	8.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	50
2		Clorethate	322	C5H4Cl6O3	005634-37-7	37
3		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
4		Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	25
5		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25



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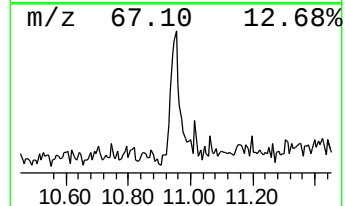
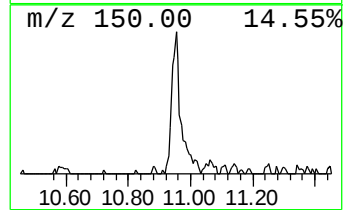
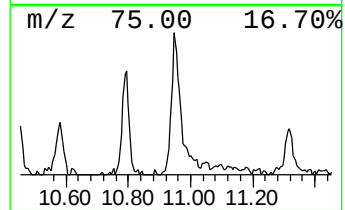
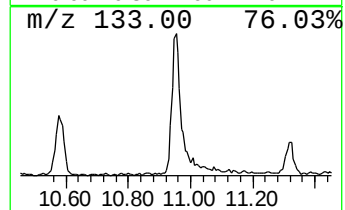
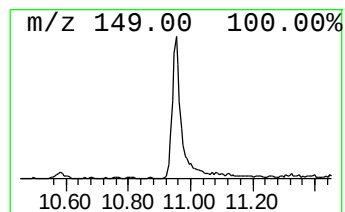
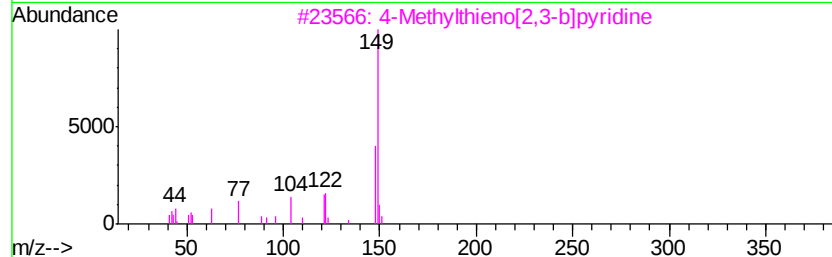
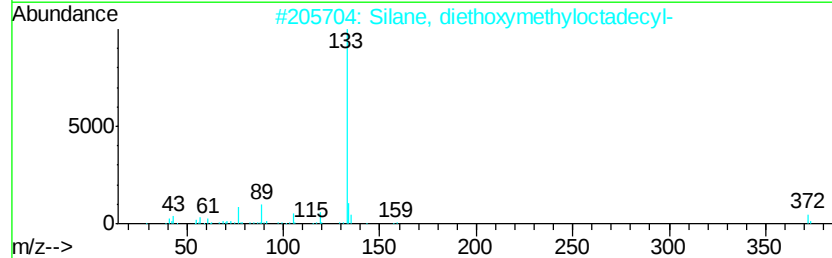
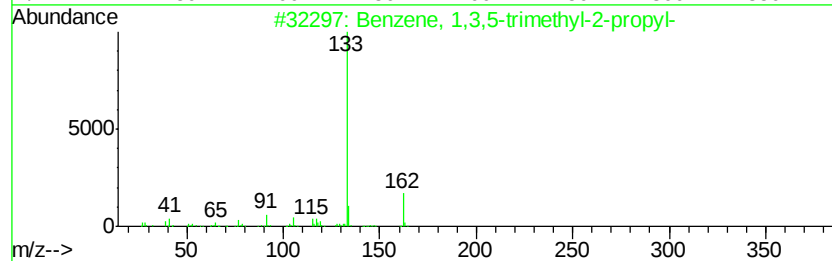
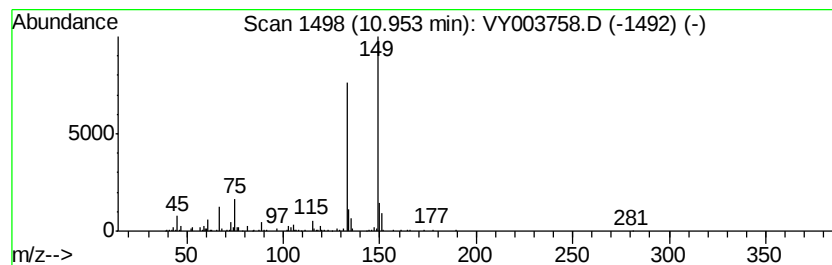
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 Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	2.14 ug/L	86406	Chlorobenzene-d5	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	27
2		Silane, diethoxymethyloctadecyl-	386	C23H50O2Si	067859-75-0	27
3		4-Methylthieno[2,3-b]pyridine	149	C8H7NS	013362-81-7	25
4		4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	17
5		4-Ethylbenzoic acid, 2,2-dimethy...	220	C14H20O2	1000293-49-5	17



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propanoic acid, 2...	8.93	1.3	ug/L	42233	1	8.70	818373	25.0
unknown-01	10.95	2.1	ug/L	86406	2	11.49	1008490	25.0