

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010078.D
 Acq On : 03 Apr 2019 00:34
 Operator : SY/MD
 Sample : K2148-15
 Misc : 3.26G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G9

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_V\METHOD\SOM2VLM040219S.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	1.576	147	151	162	rVB	87142	90896	17.06%	3.323%
2	2.126	315	322	335	rVB	81349	109717	20.59%	4.011%
3	2.534	438	449	467	rVB3	26635	50833	9.54%	1.858%
4	2.708	500	503	505	rBV3	701	468	0.09%	0.017%
5	2.817	535	537	539	rBV2	837	370	0.07%	0.014%
6	3.071	608	616	628	rVB9	4254	8114	1.52%	0.297%
7	3.183	647	651	655	rBV3	333	303	0.06%	0.011%
8	3.248	669	671	673	rBV	573	235	0.04%	0.009%
9	3.344	699	701	705	rVB2	378	198	0.04%	0.007%
10	3.470	737	740	741	rBV2	311	218	0.04%	0.008%
11	3.540	758	762	763	rBV2	743	533	0.10%	0.019%
12	3.624	787	788	791	rVV2	621	303	0.06%	0.011%
13	3.643	791	794	797	rVB2	494	271	0.05%	0.010%
14	3.682	802	806	808	rBV	546	364	0.07%	0.013%
15	3.720	815	818	820	rVB2	563	303	0.06%	0.011%
16	3.843	851	856	858	rBV4	781	714	0.13%	0.026%
17	3.855	858	860	864	rVV2	629	424	0.08%	0.015%
18	3.971	894	896	899	rBV2	408	208	0.04%	0.008%
19	4.232	975	977	980	rBV	484	274	0.05%	0.010%
20	4.306	998	1000	1006	rVB3	657	498	0.09%	0.018%
21	4.399	1013	1029	1058	rBV	95480	232657	43.66%	8.505%
22	4.547	1073	1075	1077	rBV2	486	257	0.05%	0.009%
23	4.669	1111	1113	1116	rBV	776	396	0.07%	0.014%
24	4.691	1116	1120	1122	rVV2	952	498	0.09%	0.018%
25	4.804	1153	1155	1158	rBV2	378	253	0.05%	0.009%
26	5.093	1229	1245	1269	rBV3	210416	532882	100.00%	19.480%
27	5.405	1339	1342	1345	rBV4	525	410	0.08%	0.015%
28	5.463	1358	1360	1361	rBV2	501	210	0.04%	0.008%
29	5.473	1361	1363	1366	rVB	606	261	0.05%	0.010%
30	5.585	1394	1398	1399	rBV2	356	225	0.04%	0.008%
31	5.666	1409	1423	1444	rBV	157960	317887	59.65%	11.621%
32	5.897	1493	1495	1497	rVB2	526	193	0.04%	0.007%
33	5.949	1497	1511	1515	rBV8	2929	5679	1.07%	0.208%
34	6.032	1534	1537	1538	rBV3	596	342	0.06%	0.013%

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 Title : VOC Analysis

35	6.116	1550	1563	1589	rBV2	134548	276740	51.93%	10.116%
36	6.232	1595	1599	1600	rBV3	625	321	0.06%	0.012%
37	6.264	1605	1609	1611	rBV2	577	440	0.08%	0.016%
38	6.405	1651	1653	1656	rBV2	407	232	0.04%	0.008%
39	6.511	1684	1686	1690	rBV	449	329	0.06%	0.012%
40	6.598	1711	1713	1716	rBV2	351	190	0.04%	0.007%
41	6.669	1732	1735	1736	rBV	437	228	0.04%	0.008%
42	6.820	1774	1782	1791	rVB4	2994	5217	0.98%	0.191%
43	6.855	1791	1793	1795	rBV2	570	271	0.05%	0.010%
44	7.032	1841	1848	1851	rBV5	2000	2223	0.42%	0.081%
45	7.222	1905	1907	1909	rBV2	393	199	0.04%	0.007%
46	7.270	1918	1922	1923	rBV	653	508	0.10%	0.019%
47	7.360	1938	1950	1966	rBV	189065	333025	62.50%	12.174%
48	7.595	2021	2023	2026	rBV2	614	293	0.05%	0.011%
49	7.669	2040	2046	2047	rBV3	2166	1850	0.35%	0.068%
50	7.887	2112	2114	2117	rBV2	524	287	0.05%	0.010%
51	8.116	2182	2185	2187	rBV3	815	405	0.08%	0.015%
52	8.161	2197	2199	2201	rBV3	1093	669	0.13%	0.024%
53	8.235	2220	2222	2227	rBV4	865	645	0.12%	0.024%
54	8.315	2244	2247	2249	rBV	406	238	0.04%	0.009%
55	8.399	2271	2273	2275	rBV	495	192	0.04%	0.007%
56	8.460	2288	2292	2293	rBV2	645	452	0.08%	0.017%
57	8.524	2309	2312	2314	rBV3	595	367	0.07%	0.013%
58	8.601	2333	2336	2340	rVB2	654	351	0.07%	0.013%
59	8.627	2341	2344	2345	rBV	420	232	0.04%	0.008%
60	8.649	2349	2351	2356	rVB2	725	425	0.08%	0.016%
61	8.698	2363	2366	2367	rBV	587	244	0.05%	0.009%
62	8.846	2409	2412	2414	rBV2	689	423	0.08%	0.015%
63	8.897	2414	2428	2447	rBV	186306	313860	58.90%	11.473%
64	9.125	2496	2499	2500	rBV	625	245	0.05%	0.009%
65	9.180	2513	2516	2520	rBV2	1061	1103	0.21%	0.040%
66	9.257	2536	2540	2544	rBV3	824	799	0.15%	0.029%
67	9.460	2599	2603	2606	rBV2	455	417	0.08%	0.015%
68	9.701	2676	2678	2679	rBV2	493	218	0.04%	0.008%
69	9.791	2704	2706	2709	rBV	662	418	0.08%	0.015%
70	9.846	2719	2723	2725	rBV2	727	512	0.10%	0.019%
71	9.952	2754	2756	2757	rBV2	545	252	0.05%	0.009%

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72	10.013	2773	2775	2777	rBV2	386	189	0.04%	0.007%
73	10.112	2801	2806	2809	rBV2	498	445	0.08%	0.016%
74	10.151	2816	2818	2820	rBV	472	235	0.04%	0.009%
75	10.180	2824	2827	2828	rBV2	861	415	0.08%	0.015%
76	10.260	2841	2852	2869	rBV	85686	139620	26.20%	5.104%
77	10.421	2897	2902	2914	rVB4	4797	8142	1.53%	0.298%
78	10.530	2933	2936	2937	rBV	533	270	0.05%	0.010%
79	10.572	2946	2949	2951	rVB	376	196	0.04%	0.007%
80	10.710	2989	2992	2995	rBV	487	223	0.04%	0.008%
81	10.723	2995	2996	3002	rVB3	745	582	0.11%	0.021%
82	10.755	3002	3006	3007	rBV	375	220	0.04%	0.008%
83	10.794	3015	3018	3021	rBV2	397	231	0.04%	0.008%
84	10.842	3028	3033	3035	rBV2	564	389	0.07%	0.014%
85	10.887	3041	3047	3049	rBV2	490	535	0.10%	0.020%
86	11.296	3163	3174	3189	rBV	75742	132915	24.94%	4.859%
87	11.569	3257	3259	3264	rVB3	460	320	0.06%	0.012%
88	11.591	3264	3266	3268	rBV2	514	190	0.04%	0.007%
89	11.675	3281	3292	3306	rBV3	74688	125564	23.56%	4.590%
90	11.881	3353	3356	3360	rBV2	844	778	0.15%	0.028%
91	12.296	3477	3485	3494	rBV2	6431	10184	1.91%	0.372%
92	12.453	3531	3534	3536	rBV2	822	497	0.09%	0.018%
93	12.534	3556	3559	3563	rBV2	828	683	0.13%	0.025%
94	12.579	3571	3573	3575	rBV	428	206	0.04%	0.008%
95	12.993	3700	3702	3710	rBV3	365	305	0.06%	0.011%
96	13.196	3762	3765	3767	rBV2	808	387	0.07%	0.014%
97	13.794	3944	3951	3960	rVB4	6009	8539	1.60%	0.312%
98	13.826	3960	3961	3964	rBV	406	194	0.04%	0.007%
99	13.874	3973	3976	3978	rBV2	946	561	0.11%	0.021%
100	13.926	3990	3992	3994	rBV	608	326	0.06%	0.012%

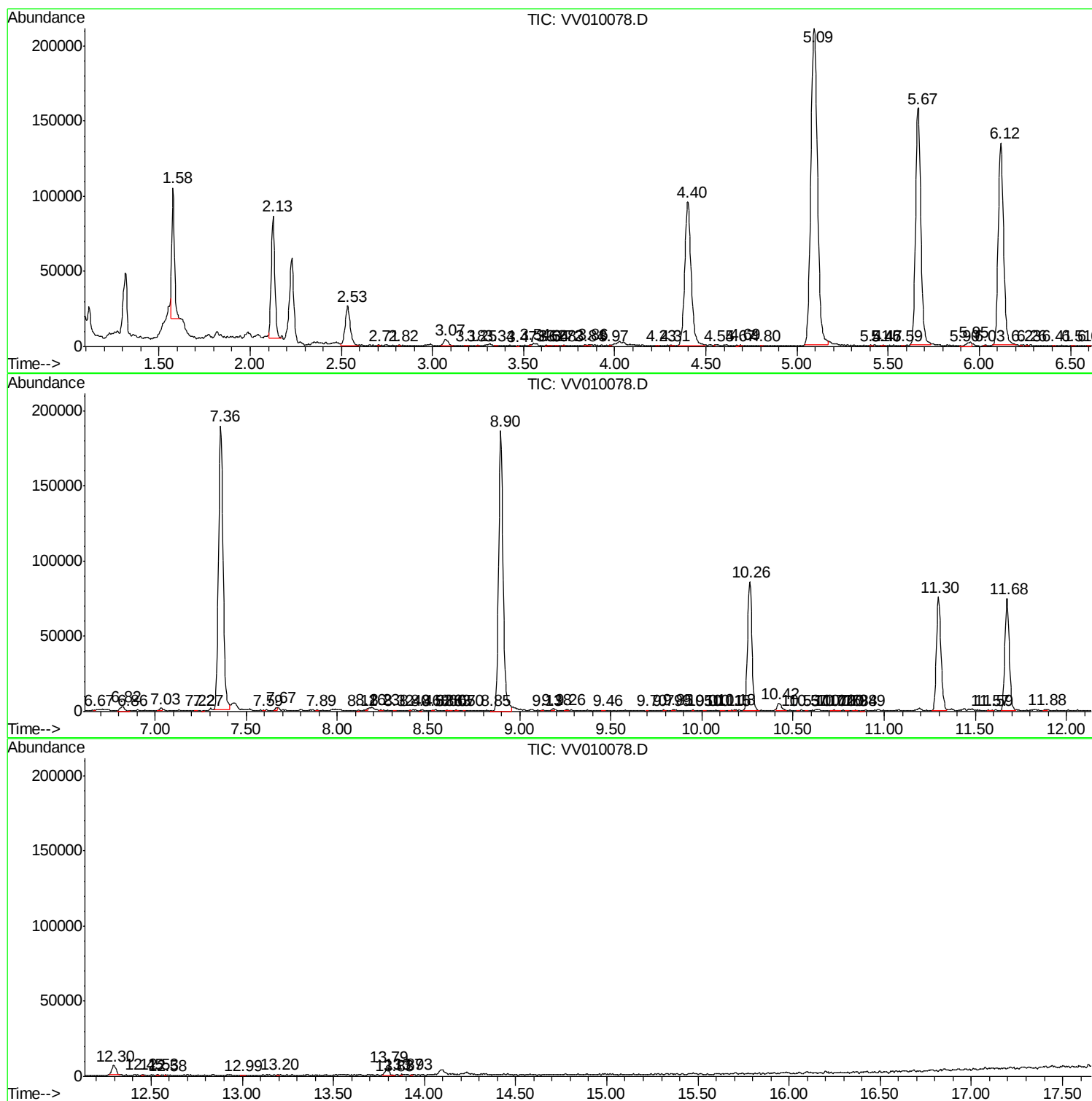
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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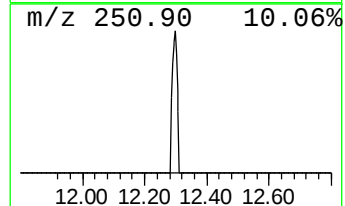
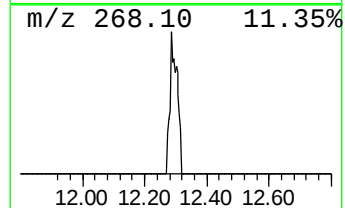
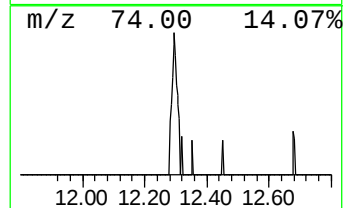
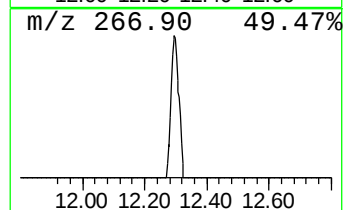
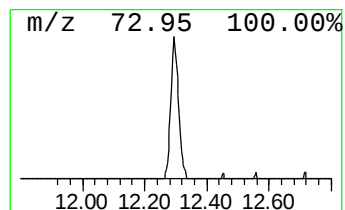
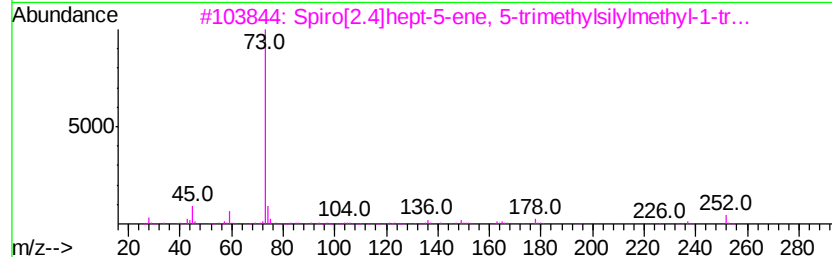
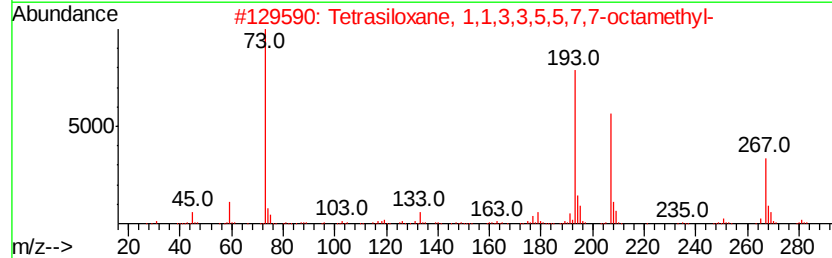
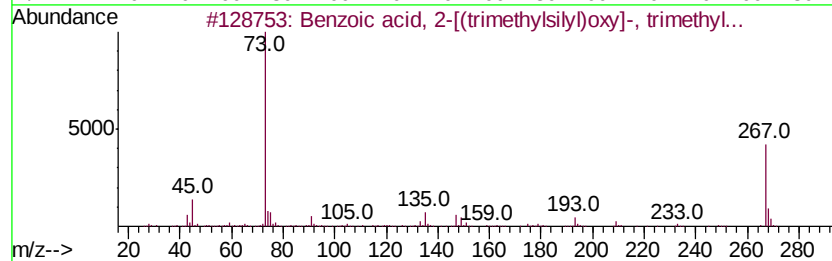
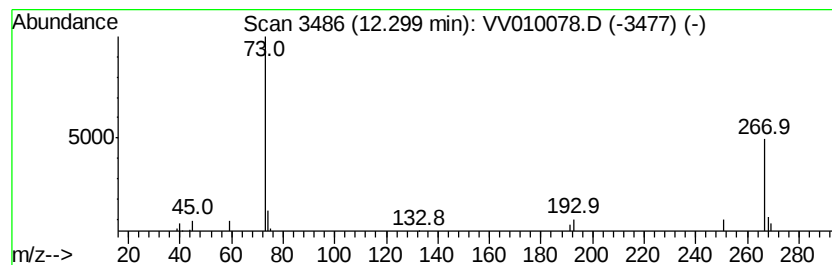
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzoic acid, 2-[(trimethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.			
12.30	1.92 ug/L	10184	1,4-Dichlorobenzene-d4	11.30			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	53
2			Tetrasiloxane, 1,1,3,3,5,5,7,7-octamethyl-	282	C8H26O3Si4	001000-05-1	33
3			Spiro[2.4]hept-5-ene, 5-trimethylsilylmethyl-1-trimethylsilyl-	252	C14H28Si2	1000153-96-9	9
4			1-(t-Butyldimethylsilyl)-4-(2,2-dimethyl-1,3-dioxane-5-yl)-1,3-dioxane	308	C19H36O3Si	095452-00-9	9
5			Silane, trimethyl-3-penten-2-yl-trimethyl-	142	C8H18Si	053264-56-5	9



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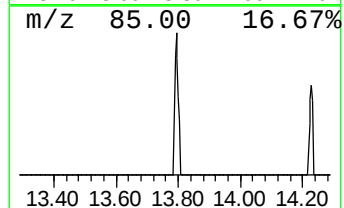
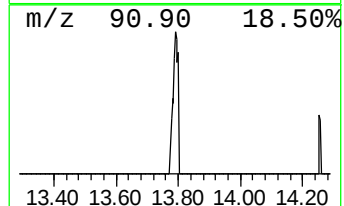
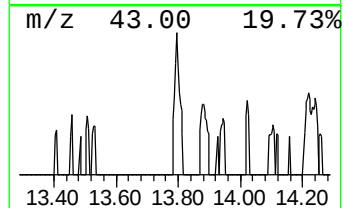
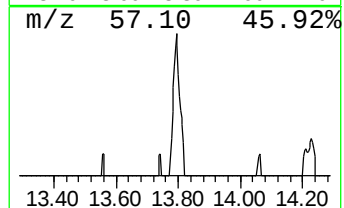
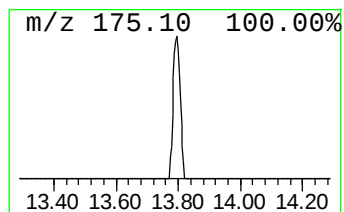
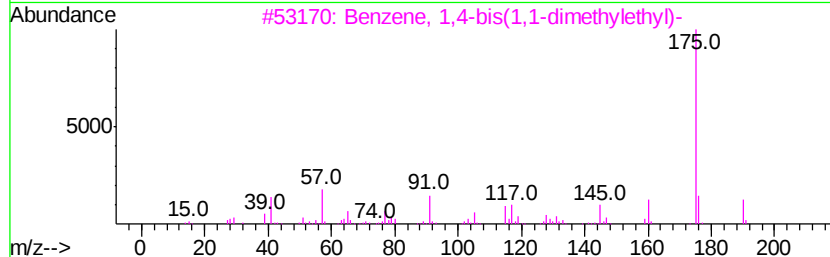
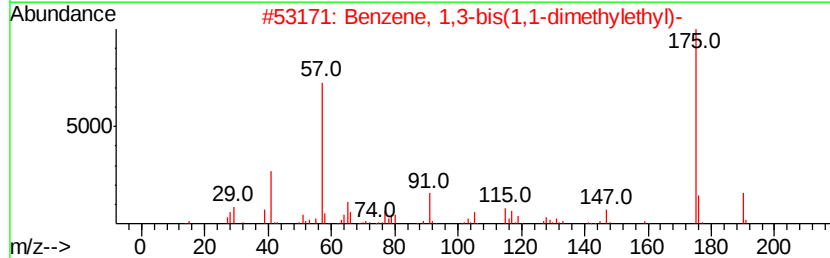
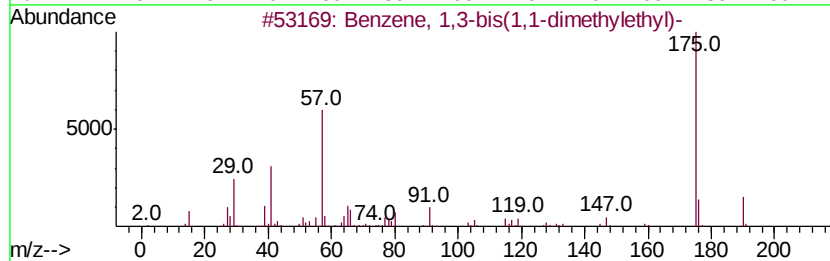
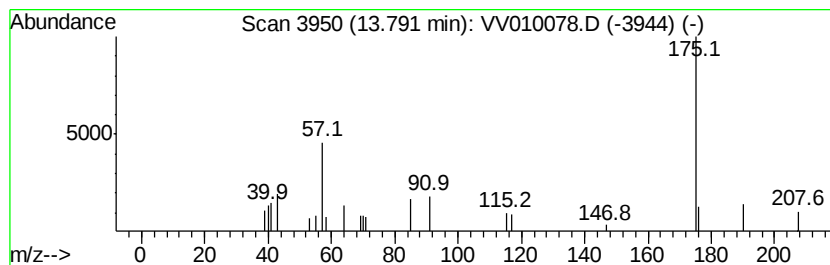
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Peak Number 3 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.79	1.61 ug/L	8539	1,4-Dichlorobenzene-d4	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	58
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	53
3	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	53
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	52
5	4,5-Dihydro-5-oxo-3-(p-tolyl)iso...	175	C10H9NO2	025755-82-2	40



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzoic acid, 2-[...]	12.30	1.9	ug/L	10184	3	11.30	132915	25.0
Benzene, 1,3-bis(...)	13.79	1.6	ug/L	8539	3	11.30	132915	25.0