

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010080.D
 Acq On : 03 Apr 2019 01:26
 Operator : SY/MD
 Sample : K2148-18
 Misc : 5.33G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G2

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	1.116	4	8	20	rVB	23957	23622	3.50%	0.528%
2	1.319	67	71	79	rVB	73848	70702	10.48%	1.582%
3	1.573	146	150	161	rVB	129970	146224	21.67%	3.271%
4	2.126	314	322	334	rVB	168824	233505	34.61%	5.224%
5	2.434	412	418	427	rBV4	3876	7325	1.09%	0.164%
6	2.537	440	450	463	rVB3	24252	41206	6.11%	0.922%
7	3.032	601	604	605	rBV2	558	289	0.04%	0.006%
8	3.074	608	617	626	rVB6	3807	7051	1.04%	0.158%
9	3.142	634	638	641	rBV3	566	500	0.07%	0.011%
10	3.248	669	671	675	rVB2	546	274	0.04%	0.006%
11	3.473	736	741	744	rBV3	541	477	0.07%	0.011%
12	3.621	785	787	791	rVB	614	391	0.06%	0.009%
13	3.804	842	844	850	rVB3	613	408	0.06%	0.009%
14	3.946	872	888	915	rBV2	20281	64735	9.59%	1.448%
15	4.167	954	957	961	rBV3	545	451	0.07%	0.010%
16	4.402	1012	1030	1052	rBV	115317	294641	43.67%	6.591%
17	4.685	1114	1118	1123	rBV4	674	595	0.09%	0.013%
18	4.894	1181	1183	1189	rBV2	419	353	0.05%	0.008%
19	4.965	1202	1205	1209	rBV2	487	353	0.05%	0.008%
20	4.997	1209	1215	1216	rBV3	399	337	0.05%	0.008%
21	5.093	1228	1245	1268	rBV2	272191	674754	100.00%	15.095%
22	5.277	1301	1302	1309	rVB4	1136	758	0.11%	0.017%
23	5.306	1309	1311	1314	rBV3	436	332	0.05%	0.007%
24	5.373	1329	1332	1334	rVV	481	326	0.05%	0.007%
25	5.457	1352	1358	1361	rBV	592	631	0.09%	0.014%
26	5.608	1403	1405	1409	rBV2	515	424	0.06%	0.009%
27	5.662	1409	1422	1443	rBV	224977	449777	66.66%	10.062%
28	5.900	1493	1496	1498	rBV2	648	297	0.04%	0.007%
29	5.949	1498	1511	1525	rVB4	14891	30227	4.48%	0.676%
30	6.032	1535	1537	1540	rBV3	485	309	0.05%	0.007%
31	6.116	1550	1563	1584	rBV	161298	333105	49.37%	7.452%
32	6.379	1643	1645	1648	rVB2	501	308	0.05%	0.007%
33	6.643	1724	1727	1730	rBV3	756	493	0.07%	0.011%
34	6.804	1768	1777	1778	rBV3	2145	1913	0.28%	0.043%

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 Title : VOC Analysis

35	6.978	1828	1831	1835	rBV	404	385	0.06%	0.009%
36	7.029	1835	1847	1859	rBV2	28953	53746	7.97%	1.202%
37	7.360	1938	1950	1968	rBV	275886	487020	72.18%	10.895%
38	7.666	2033	2045	2055	rBV3	19985	35346	5.24%	0.791%
39	7.788	2079	2083	2087	rBV4	806	947	0.14%	0.021%
40	7.878	2109	2111	2116	rBV2	583	455	0.07%	0.010%
41	7.981	2138	2143	2146	rBV3	1052	1215	0.18%	0.027%
42	8.138	2181	2192	2207	rBV	59538	110533	16.38%	2.473%
43	8.296	2239	2241	2245	rVB2	612	285	0.04%	0.006%
44	8.370	2257	2264	2269	rBV6	2304	3175	0.47%	0.071%
45	8.424	2278	2281	2285	rVB4	896	629	0.09%	0.014%
46	8.595	2332	2334	2337	rVB3	572	274	0.04%	0.006%
47	8.617	2338	2341	2342	rBV2	498	301	0.04%	0.007%
48	8.852	2412	2414	2416	rBV2	553	274	0.04%	0.006%
49	8.897	2416	2428	2451	rVV	305391	506313	75.04%	11.326%
50	9.090	2485	2488	2490	rBV2	725	350	0.05%	0.008%
51	9.148	2502	2506	2509	rBV2	826	739	0.11%	0.017%
52	9.293	2549	2551	2555	rBV3	608	450	0.07%	0.010%
53	9.386	2578	2580	2586	rVB3	742	610	0.09%	0.014%
54	9.485	2609	2611	2616	rVB4	460	362	0.05%	0.008%
55	9.518	2617	2621	2623	rVV	519	323	0.05%	0.007%
56	9.530	2623	2625	2630	rVB2	512	290	0.04%	0.006%
57	9.653	2660	2663	2666	rVV2	370	316	0.05%	0.007%
58	9.778	2700	2702	2705	rVB	641	324	0.05%	0.007%
59	9.797	2705	2708	2712	rBV2	579	532	0.08%	0.012%
60	9.878	2726	2733	2734	rBV	478	466	0.07%	0.010%
61	9.910	2741	2743	2750	rBV4	463	427	0.06%	0.010%
62	9.990	2764	2768	2771	rVB3	525	493	0.07%	0.011%
63	10.119	2805	2808	2813	rBV3	648	682	0.10%	0.015%
64	10.260	2840	2852	2867	rBV	137692	221871	32.88%	4.963%
65	10.421	2893	2902	2910	rVB5	3881	6143	0.91%	0.137%
66	10.604	2957	2959	2962	rVB2	690	327	0.05%	0.007%
67	10.624	2962	2965	2969	rBV3	718	602	0.09%	0.013%
68	10.884	3043	3046	3049	rBV2	486	411	0.06%	0.009%
69	10.939	3061	3063	3066	rBV3	671	338	0.05%	0.008%
70	10.958	3066	3069	3078	rVB7	837	1105	0.16%	0.025%
71	11.141	3121	3126	3129	rBV2	591	601	0.09%	0.013%

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 Title : VOC Analysis

72	11.174	3133	3136	3139	rBV3	644	657	0.10%	0.015%
73	11.196	3139	3143	3148	rVB4	1886	1907	0.28%	0.043%
74	11.299	3163	3175	3192	rBV	180777	306044	45.36%	6.846%
75	11.421	3210	3213	3214	rBV2	815	359	0.05%	0.008%
76	11.440	3214	3219	3223	rVB5	1303	1308	0.19%	0.029%
77	11.466	3225	3227	3232	rBV2	1202	967	0.14%	0.022%
78	11.579	3260	3262	3265	rVV2	721	397	0.06%	0.009%
79	11.672	3279	3291	3311	rBV2	183548	306630	45.44%	6.859%
80	11.759	3316	3318	3322	rBV2	455	346	0.05%	0.008%
81	12.003	3392	3394	3399	rBV2	813	574	0.09%	0.013%
82	12.183	3447	3450	3452	rBV2	570	374	0.06%	0.008%
83	12.296	3477	3485	3495	rVB4	4147	6458	0.96%	0.144%
84	12.376	3507	3510	3512	rBV2	696	412	0.06%	0.009%
85	12.813	3644	3646	3651	rVB3	444	363	0.05%	0.008%
86	12.881	3662	3667	3668	rBV2	712	586	0.09%	0.013%
87	13.305	3797	3799	3801	rBV2	526	352	0.05%	0.008%
88	13.479	3850	3853	3855	rBV2	429	277	0.04%	0.006%
89	13.521	3863	3866	3867	rBV2	1039	565	0.08%	0.013%
90	13.710	3922	3925	3929	rVB2	595	433	0.06%	0.010%
91	13.794	3943	3951	3962	rVB5	7023	10884	1.61%	0.243%
92	13.897	3980	3983	3985	rBV3	1128	725	0.11%	0.016%
93	13.997	4012	4014	4017	rBV3	626	335	0.05%	0.007%
94	14.074	4036	4038	4041	rVB2	571	315	0.05%	0.007%
95	14.090	4041	4043	4048	rBV2	577	522	0.08%	0.012%
96	14.206	4076	4079	4080	rBV	522	273	0.04%	0.006%
97	14.286	4102	4104	4105	rBV	816	276	0.04%	0.006%
98	14.331	4112	4118	4121	rBV5	1130	1402	0.21%	0.031%
99	14.514	4173	4175	4177	rBV2	572	319	0.05%	0.007%
100	15.083	4350	4352	4353	rBV	923	356	0.05%	0.008%

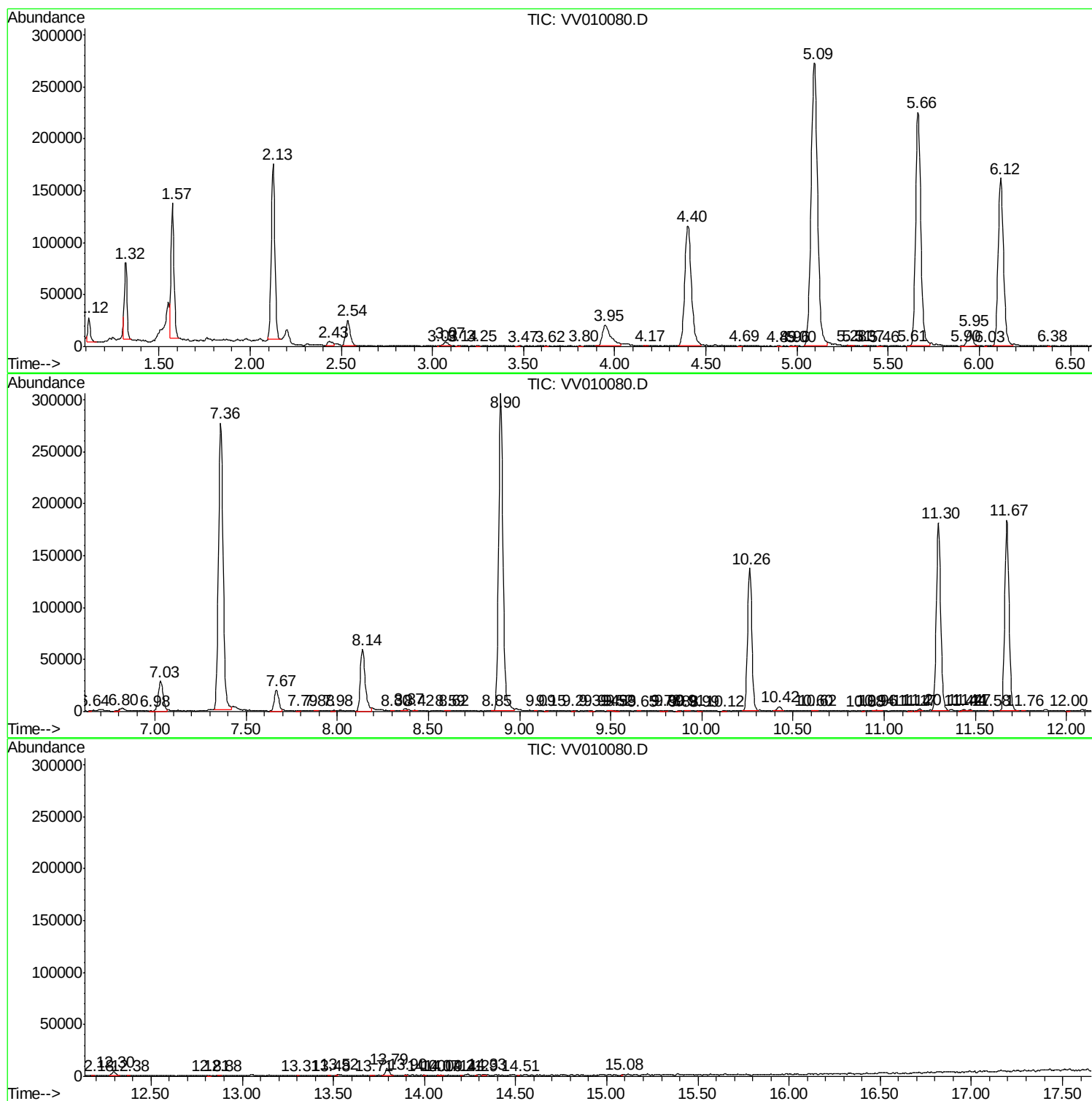
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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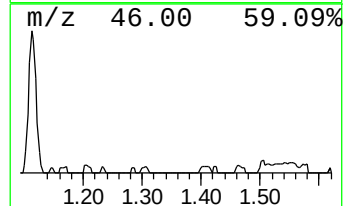
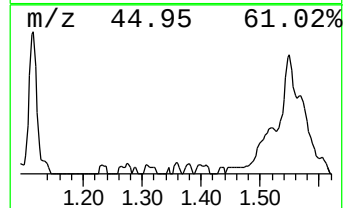
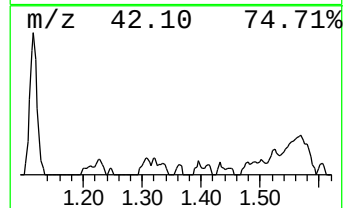
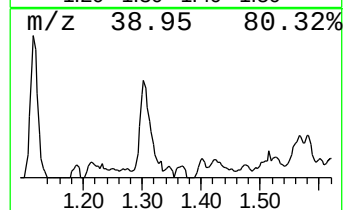
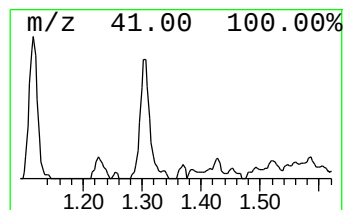
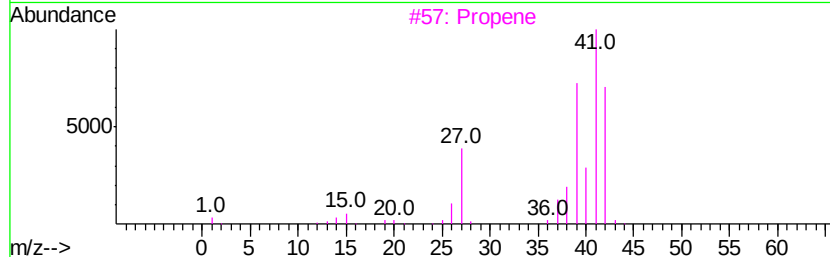
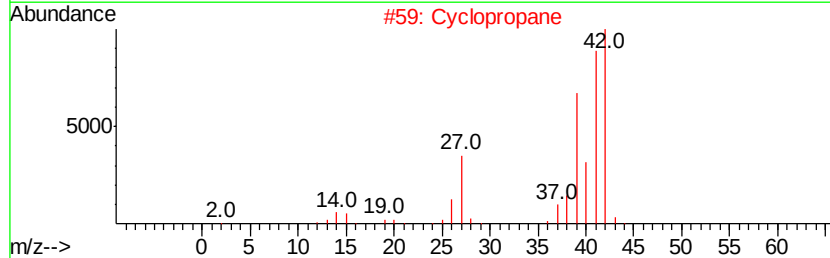
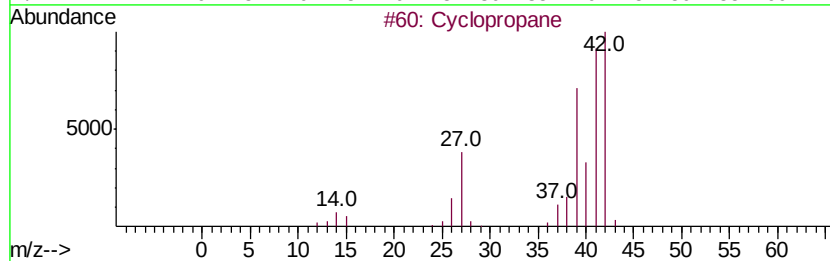
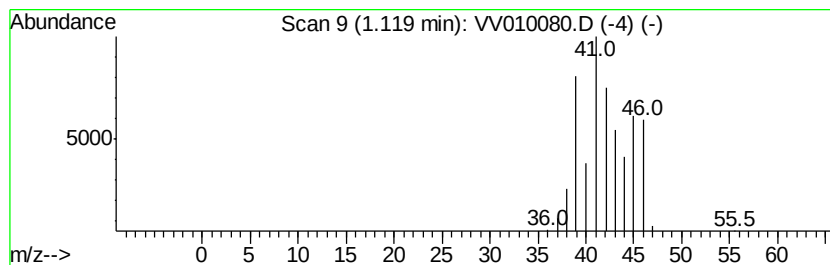
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Cyclic1.12 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	1.31 ug/L	23622	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane	42	C3H6	000075-19-4	50
2			Cyclopropane	42	C3H6	000075-19-4	40
3			Propene	42	C3H6	000115-07-1	40
4			Propene	42	C3H6	000115-07-1	37
5			Cyclopropene	40	C3H4	002781-85-3	25



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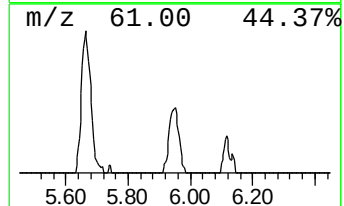
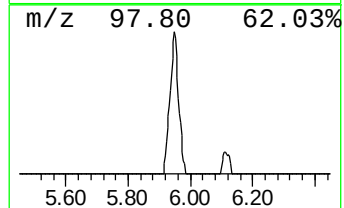
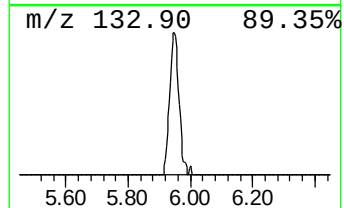
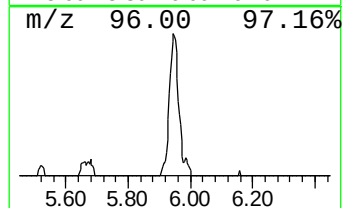
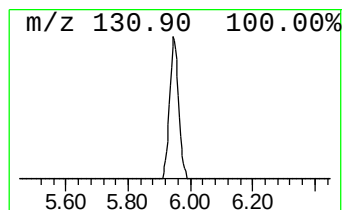
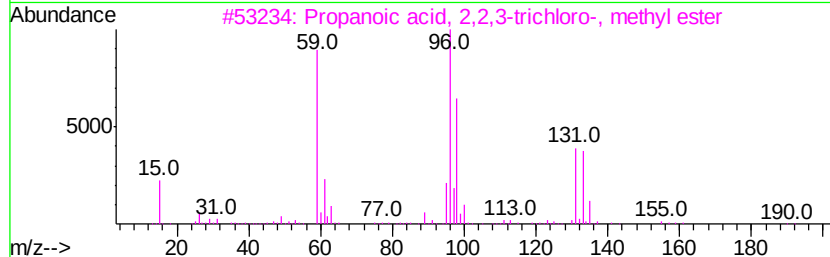
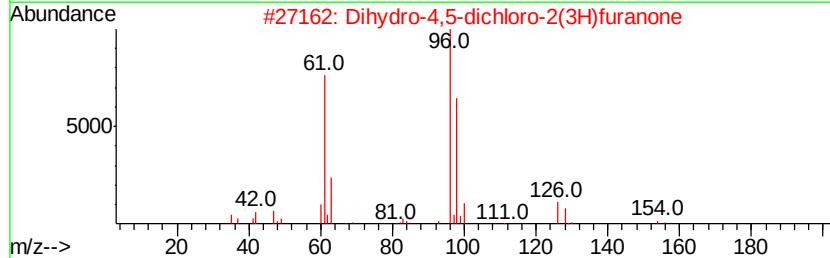
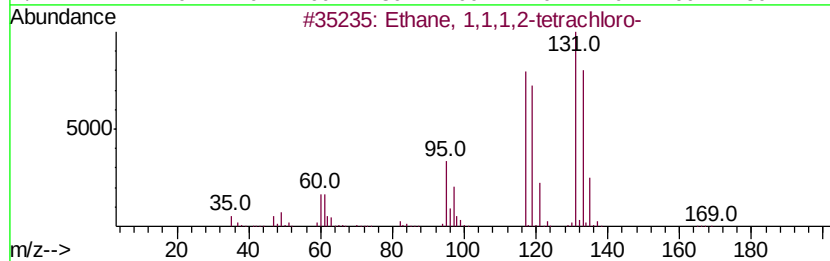
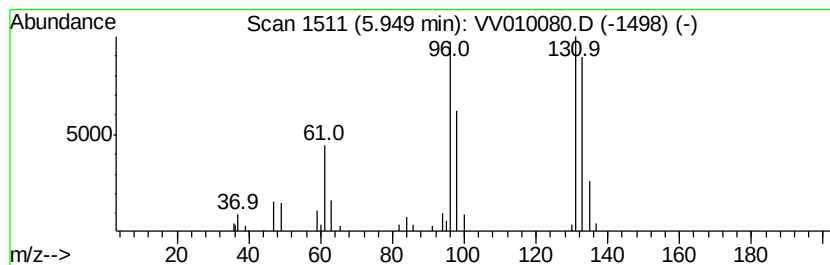
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	1.68 ug/L	30227	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	32
2		Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	27
3		Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	23
4		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	17
5		Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.12	1.3	ug/L	23622	1	5.66	449777	25.0
unknown-01	5.95	1.7	ug/L	30227	1	5.66	449777	25.0