

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009865.D
 Acq On : 25 Mar 2019 17:08
 Operator : SY/MD
 Sample : K2016-15 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09D5

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\SOMVLM032519WMA.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	1.209	32	37	49	rBV4	16510	24882	1.33%	0.313%
2	1.322	66	72	79	rVB	153183	140872	7.51%	1.770%
3	1.560	141	146	156	rVB	149994	173298	9.24%	2.177%
4	2.126	313	322	334	rBV	360843	503547	26.84%	6.325%
5	2.576	458	462	464	rBV	629	478	0.03%	0.006%
6	2.605	469	471	474	rVV	586	291	0.02%	0.004%
7	2.621	474	476	479	rBV2	858	447	0.02%	0.006%
8	2.704	501	502	503	rBV	653	246	0.01%	0.003%
9	2.788	526	528	531	rVB	1202	663	0.04%	0.008%
10	2.807	531	534	537	rVB	883	478	0.03%	0.006%
11	2.827	537	540	542	rBV2	1055	611	0.03%	0.008%
12	2.839	542	544	548	rVB3	952	595	0.03%	0.007%
13	2.862	548	551	552	rBV	648	330	0.02%	0.004%
14	3.003	590	595	598	rBV	792	794	0.04%	0.010%
15	3.347	699	702	707	rBV3	889	896	0.05%	0.011%
16	3.444	729	732	736	rBV2	1273	1075	0.06%	0.014%
17	3.843	853	856	864	rBV3	1130	1093	0.06%	0.014%
18	3.875	864	866	869	rBV2	683	431	0.02%	0.005%
19	3.933	872	884	907	rVV2	49531	126002	6.72%	1.583%
20	4.196	964	966	969	rBV2	1074	773	0.04%	0.010%
21	4.402	1014	1030	1046	rBV	115723	279980	14.93%	3.517%
22	4.592	1086	1089	1092	rBV2	1524	982	0.05%	0.012%
23	4.666	1109	1112	1115	rVB2	1893	1227	0.07%	0.015%
24	4.691	1115	1120	1121	rBV3	1211	1228	0.07%	0.015%
25	4.794	1146	1152	1155	rBV2	1036	1188	0.06%	0.015%
26	4.871	1174	1176	1177	rBV2	873	396	0.02%	0.005%
27	5.093	1226	1245	1276	rBV4	289295	762155	40.63%	9.574%
28	5.315	1312	1314	1316	rBV2	1774	1039	0.06%	0.013%
29	5.367	1326	1330	1331	rBV3	1547	1109	0.06%	0.014%
30	5.415	1342	1345	1351	rBV2	1119	1235	0.07%	0.016%
31	5.441	1351	1353	1355	rBV2	627	316	0.02%	0.004%
32	5.457	1355	1358	1361	rBV3	1058	860	0.05%	0.011%
33	5.518	1373	1377	1378	rBV	1066	683	0.04%	0.009%
34	5.605	1399	1404	1407	rBV3	1267	1263	0.07%	0.016%

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 Title : VOC Analysis

35	5.662	1410	1422	1440	rVV	209828	417143	22.24%	5.240%
36	5.820	1467	1471	1472	rBV2	920	704	0.04%	0.009%
37	6.048	1539	1542	1546	rBV2	791	391	0.02%	0.005%
38	6.119	1550	1564	1587	rBV	169469	341744	18.22%	4.293%
39	6.318	1621	1626	1627	rBV2	1186	707	0.04%	0.009%
40	6.508	1683	1685	1687	rBV	1063	594	0.03%	0.007%
41	6.543	1693	1696	1698	rBV	1194	612	0.03%	0.008%
42	6.823	1781	1783	1787	rBV2	830	515	0.03%	0.006%
43	6.897	1803	1806	1809	rBV2	947	827	0.04%	0.010%
44	7.029	1836	1847	1864	rBV2	83202	149590	7.97%	1.879%
45	7.170	1887	1891	1893	rBV3	634	470	0.03%	0.006%
46	7.212	1901	1904	1907	rVB	1515	986	0.05%	0.012%
47	7.241	1907	1913	1915	rBV3	997	925	0.05%	0.012%
48	7.360	1938	1950	1970	rBV	333292	580461	30.94%	7.291%
49	7.662	2034	2044	2057	rBV3	58447	96234	5.13%	1.209%
50	8.135	2180	2191	2216	rBV2	167392	299860	15.99%	3.767%
51	8.460	2289	2292	2293	rBV3	599	318	0.02%	0.004%
52	8.720	2370	2373	2377	rBV	1028	957	0.05%	0.012%
53	8.846	2410	2412	2414	rBV2	785	411	0.02%	0.005%
54	8.897	2416	2428	2452	rVV2	339238	663335	35.36%	8.333%
55	9.061	2476	2479	2483	rVB	1370	904	0.05%	0.011%
56	9.141	2502	2504	2506	rBV2	635	281	0.01%	0.004%
57	9.186	2514	2518	2519	rBV2	1378	893	0.05%	0.011%
58	9.370	2573	2575	2579	rVB2	752	354	0.02%	0.004%
59	9.402	2579	2585	2586	rBV	1152	944	0.05%	0.012%
60	9.698	2675	2677	2680	rBV2	780	537	0.03%	0.007%
61	10.074	2789	2794	2798	rBV	1226	1325	0.07%	0.017%
62	10.112	2804	2806	2810	rBV	712	548	0.03%	0.007%
63	10.264	2841	2853	2868	rBV	225152	368213	19.63%	4.625%
64	10.482	2919	2921	2926	rBV3	974	514	0.03%	0.006%
65	10.521	2929	2933	2938	rBV2	1675	1608	0.09%	0.020%
66	10.582	2945	2952	2955	rBV2	1564	2142	0.11%	0.027%
67	10.669	2976	2979	2980	rBV2	907	512	0.03%	0.006%
68	10.894	3047	3049	3054	rBV3	1109	1175	0.06%	0.015%
69	11.093	3106	3111	3116	rBV3	1568	2053	0.11%	0.026%
70	11.228	3143	3153	3163	rBV	58398	89963	4.80%	1.130%
71	11.318	3164	3181	3199	rVB2	928183	1875796	100.00%	23.563%

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72	11.530	3244	3247	3251	rBV3	1173	826	0.04%	0.010%
73	11.678	3281	3293	3313	rVB2	407000	942695	50.26%	11.842%
74	11.839	3338	3343	3345	rBV2	1801	1638	0.09%	0.021%
75	12.196	3449	3454	3456	rBV	1610	1319	0.07%	0.017%
76	13.112	3736	3739	3742	rBV	1568	1060	0.06%	0.013%
77	13.312	3792	3801	3812	rBV2	38537	59534	3.17%	0.748%
78	13.398	3826	3828	3831	rBV	920	640	0.03%	0.008%
79	13.797	3945	3952	3961	rBV6	7850	11890	0.63%	0.149%
80	14.289	4100	4105	4109	rBV2	1407	1641	0.09%	0.021%
81	14.993	4320	4324	4328	rBV3	1275	1242	0.07%	0.016%
82	15.045	4337	4340	4342	rBV2	1077	792	0.04%	0.010%
83	16.685	4847	4850	4854	rBV3	1883	1512	0.08%	0.019%

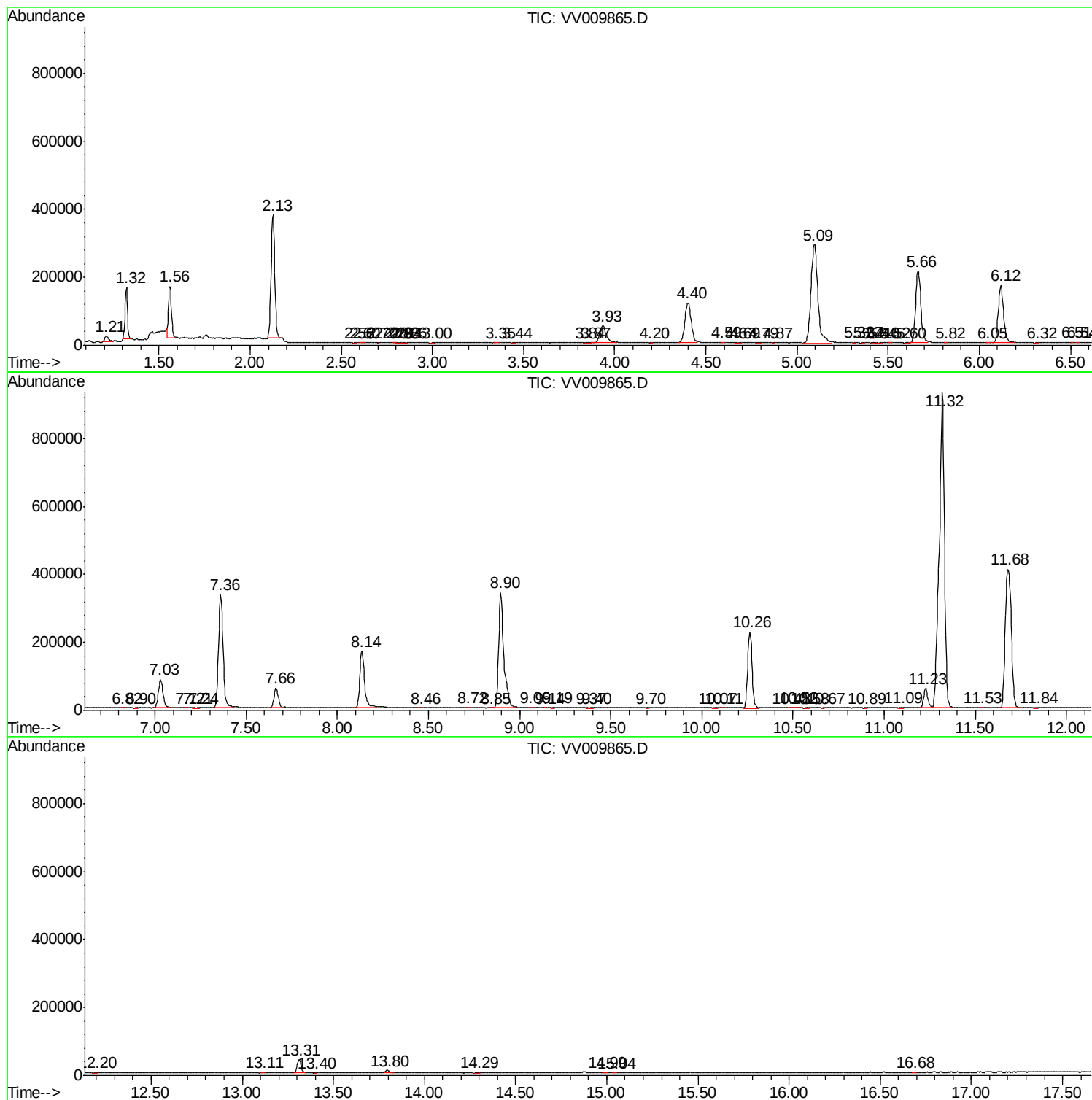
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis

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



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Instrument :
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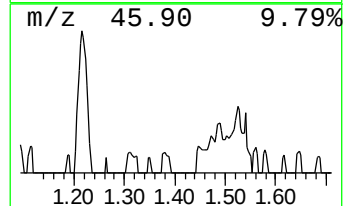
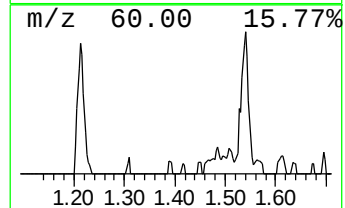
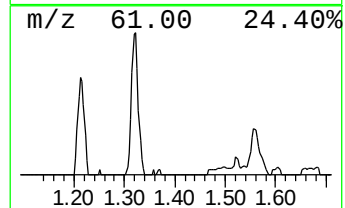
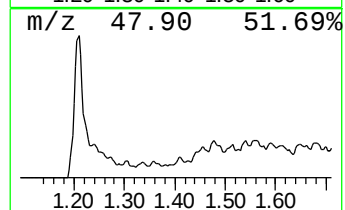
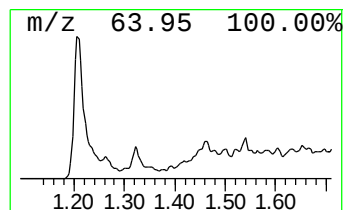
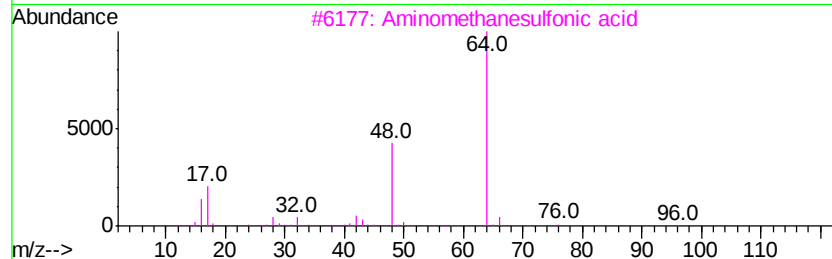
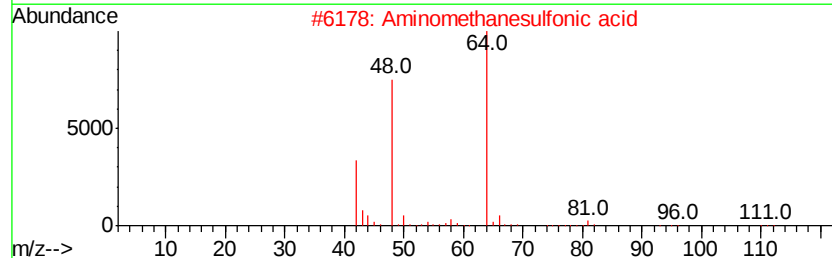
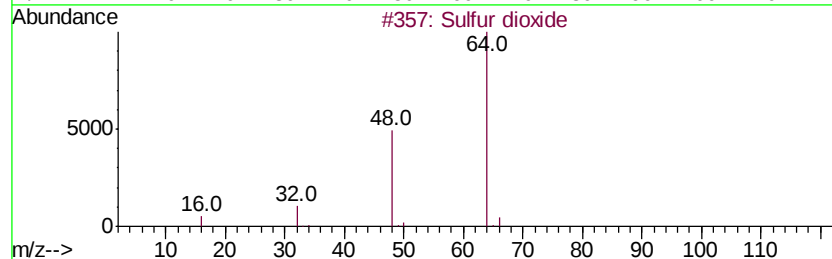
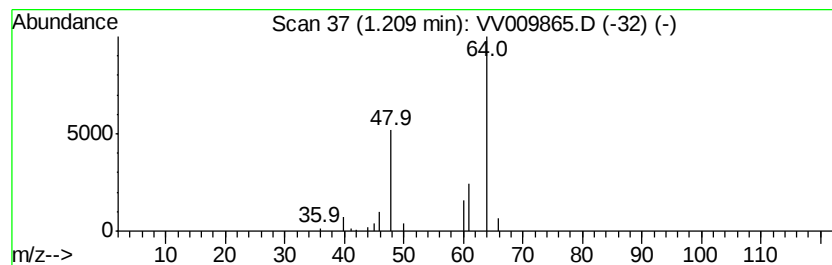
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	2.98 ug/L	24882	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	64
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	43
3		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	43
4		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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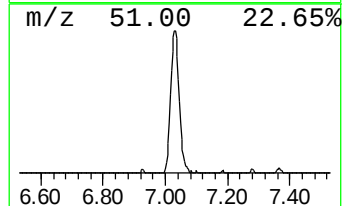
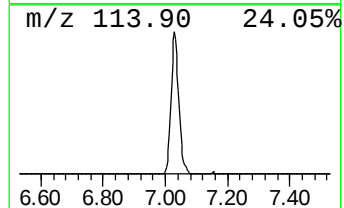
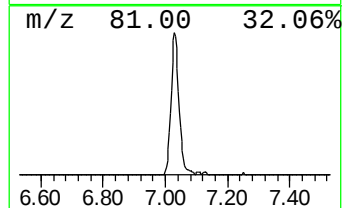
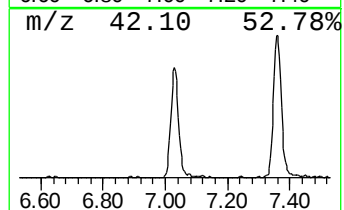
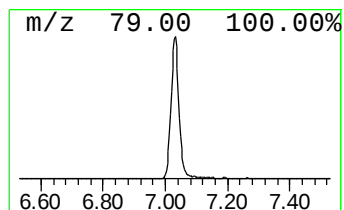
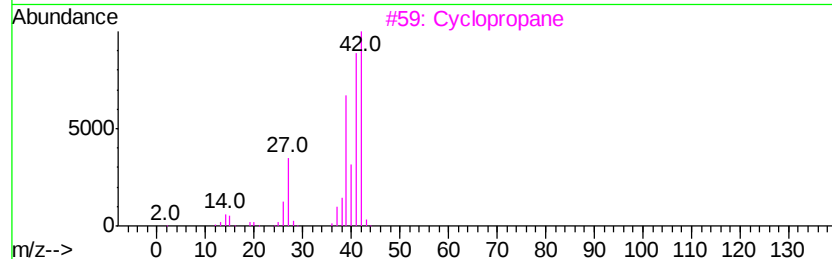
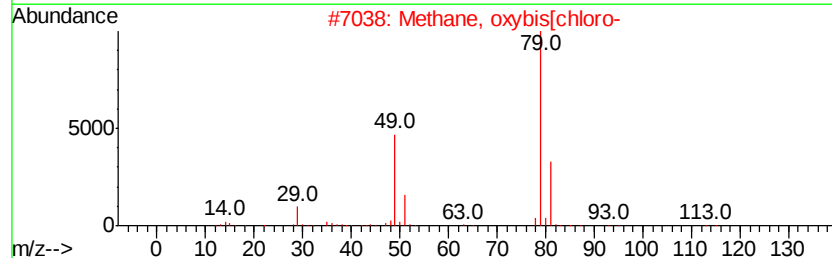
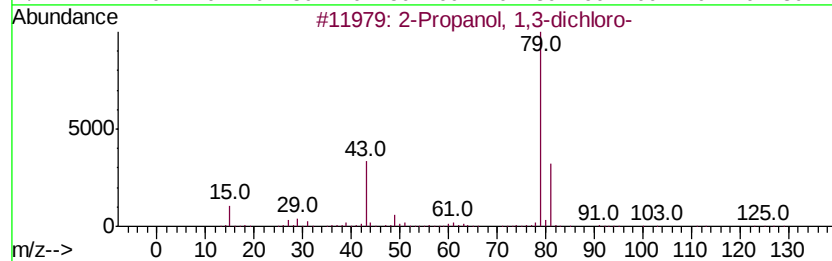
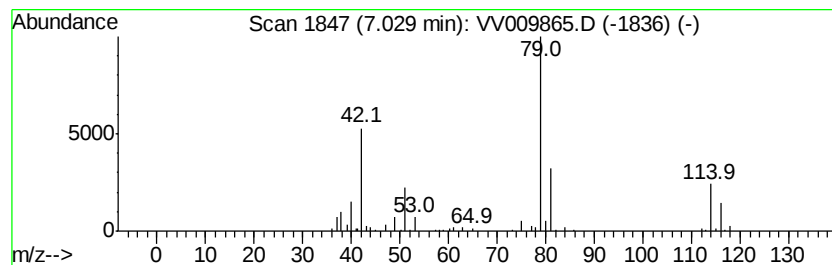
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	17.93 ug/L	149590	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	35
2		Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
3		Cyclopropane	42	C3H6	000075-19-4	9
4		Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	9
5		Thiophosgene	114	CCl2S	000463-71-8	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	3.0	ug/L	24882	1	5.67	417143	50.0
unknown-01	7.03	17.9	ug/L	149590	1	5.67	417143	50.0