

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018468.D
 Acq On : 25 Sep 2020 20:02
 Operator : SY/MD
 Sample : L4149-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M4

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\SOMVLM090920WMA.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	1.315	63	70	83	rVB	214263	215442	15.27%	1.936%
2	1.392	89	94	102	rBV	8717	9943	0.70%	0.089%
3	1.579	144	152	166	rVB	173510	194510	13.79%	1.748%
4	2.122	310	321	338	rBV	350781	525851	37.28%	4.726%
5	2.312	374	380	390	rVB2	1928	2767	0.20%	0.025%
6	2.521	441	445	447	rBV3	889	654	0.05%	0.006%
7	2.708	500	503	511	rVB	223	280	0.02%	0.003%
8	2.778	518	525	527	rBV4	1077	1208	0.09%	0.011%
9	2.984	579	589	596	rVV3	1097	1963	0.14%	0.018%
10	3.016	596	599	604	rVB	401	349	0.02%	0.003%
11	3.064	604	614	628	rBV4	3611	7476	0.53%	0.067%
12	3.463	731	738	743	rVB2	176	241	0.02%	0.002%
13	3.521	747	756	760	rBV	190	252	0.02%	0.002%
14	3.759	822	830	833	rBV4	1049	1299	0.09%	0.012%
15	3.817	845	848	854	rVB3	356	384	0.03%	0.003%
16	3.913	866	878	919	rBV	87242	269621	19.11%	2.423%
17	4.190	960	964	969	rBV4	402	328	0.02%	0.003%
18	4.376	1002	1022	1055	rBV	219356	538302	38.16%	4.838%
19	4.563	1078	1080	1087	rVB4	345	260	0.02%	0.002%
20	4.640	1100	1104	1107	rBV2	303	256	0.02%	0.002%
21	5.074	1221	1239	1272	rBV2	548866	1410632	100.00%	12.677%
22	5.363	1325	1329	1332	rBV3	339	370	0.03%	0.003%
23	5.524	1373	1379	1381	rBV3	235	245	0.02%	0.002%
24	5.643	1402	1416	1445	rBV	432426	858255	60.84%	7.713%
25	5.932	1492	1506	1522	rBV2	21503	44659	3.17%	0.401%
26	6.093	1543	1556	1584	rBV	306427	620255	43.97%	5.574%
27	6.277	1611	1613	1617	rVB2	506	262	0.02%	0.002%
28	6.338	1625	1632	1646	rVV6	2016	4720	0.33%	0.042%
29	7.010	1829	1841	1869	rBV	176518	318524	22.58%	2.862%
30	7.238	1909	1912	1916	rBV2	263	256	0.02%	0.002%
31	7.264	1916	1920	1923	rBV2	293	203	0.01%	0.002%
32	7.338	1931	1943	1961	rBV	667774	1134122	80.40%	10.192%
33	7.643	2027	2038	2063	rBV	126208	216428	15.34%	1.945%
34	7.961	2133	2137	2140	rVV	268	214	0.02%	0.002%

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 Title : VOC Analysis

35	8.003	2143	2150	2156	rBV4	408	386	0.03%	0.003%
36	8.109	2173	2183	2223	rVV2	301007	572514	40.59%	5.145%
37	8.267	2224	2232	2253	rVB4	13596	27182	1.93%	0.244%
38	8.421	2278	2280	2286	rVB2	317	206	0.01%	0.002%
39	8.469	2291	2295	2299	rBV3	284	276	0.02%	0.002%
40	8.524	2307	2312	2317	rBV2	203	232	0.02%	0.002%
41	8.685	2359	2362	2368	rBV3	254	271	0.02%	0.002%
42	8.874	2408	2421	2451	rBV	643570	1046620	74.20%	9.406%
43	9.038	2467	2472	2478	rBV4	735	900	0.06%	0.008%
44	9.170	2504	2513	2521	rBV2	2959	4640	0.33%	0.042%
45	9.225	2525	2530	2533	rBV2	745	794	0.06%	0.007%
46	9.498	2610	2615	2623	rVB3	330	405	0.03%	0.004%
47	9.572	2627	2638	2642	rBV4	845	1106	0.08%	0.010%
48	9.640	2650	2659	2660	rBV2	358	394	0.03%	0.004%
49	9.739	2682	2690	2695	rBV4	1394	1941	0.14%	0.017%
50	9.836	2710	2720	2737	rVV4	7566	13008	0.92%	0.117%
51	9.955	2751	2757	2762	rVV	438	521	0.04%	0.005%
52	10.038	2778	2783	2788	rBV2	660	812	0.06%	0.007%
53	10.103	2792	2803	2807	rBV3	1321	1860	0.13%	0.017%
54	10.145	2809	2816	2824	rVB5	3203	4770	0.34%	0.043%
55	10.238	2833	2845	2867	rBV	383923	600986	42.60%	5.401%
56	10.389	2884	2892	2893	rBV4	931	1189	0.08%	0.011%
57	10.473	2910	2918	2923	rBV2	3923	5368	0.38%	0.048%
58	10.530	2932	2936	2942	rBV4	964	1050	0.07%	0.009%
59	10.601	2950	2958	2973	rVB3	12328	20478	1.45%	0.184%
60	10.685	2980	2984	2988	rBV4	518	365	0.03%	0.003%
61	10.720	2988	2995	2998	rBV3	1313	1630	0.12%	0.015%
62	10.765	3004	3009	3012	rBV2	528	579	0.04%	0.005%
63	10.897	3045	3050	3056	rBV4	2783	3444	0.24%	0.031%
64	10.939	3057	3063	3071	rVB2	6017	8028	0.57%	0.072%
65	11.058	3091	3100	3105	rBV6	1577	2582	0.18%	0.023%
66	11.103	3111	3114	3115	rBV2	384	217	0.02%	0.002%
67	11.170	3126	3135	3145	rBV2	16651	25801	1.83%	0.232%
68	11.270	3155	3166	3187	rBV	683129	1043238	73.96%	9.375%
69	11.357	3189	3193	3199	rVV6	3243	4140	0.29%	0.037%
70	11.399	3200	3206	3215	rVB4	3664	5579	0.40%	0.050%
71	11.440	3215	3219	3226	rVB6	771	813	0.06%	0.007%

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72	11.485	3226	3233	3242	rVB4	2918	4141	0.29%	0.037%
73	11.550	3242	3253	3271	rBV	78789	140844	9.98%	1.266%
74	11.646	3272	3283	3302	rVB	691517	1063734	75.41%	9.559%
75	11.810	3325	3334	3344	rBV	22806	30910	2.19%	0.278%
76	11.939	3367	3374	3377	rBV5	1219	1728	0.12%	0.016%
77	12.148	3432	3439	3443	rVV5	1384	1852	0.13%	0.017%
78	12.212	3457	3459	3462	rBV4	430	288	0.02%	0.003%
79	12.273	3469	3478	3486	rBV6	1670	3183	0.23%	0.029%
80	12.366	3498	3507	3522	rBV2	33437	55252	3.92%	0.497%
81	12.489	3539	3545	3551	rBV6	2059	2354	0.17%	0.021%
82	12.524	3551	3556	3564	rVB4	1483	2297	0.16%	0.021%
83	12.611	3576	3583	3592	rVB6	1461	2426	0.17%	0.022%
84	12.665	3592	3600	3606	rBV3	684	1156	0.08%	0.010%
85	12.752	3624	3627	3632	rBV5	444	428	0.03%	0.004%
86	12.868	3660	3663	3665	rBV2	333	222	0.02%	0.002%
87	12.910	3667	3676	3689	rVV3	7213	11243	0.80%	0.101%
88	12.974	3693	3696	3701	rBV3	697	612	0.04%	0.005%
89	13.019	3707	3710	3715	rVB3	281	301	0.02%	0.003%
90	13.070	3715	3726	3729	rBV6	1312	2075	0.15%	0.019%
91	13.141	3746	3748	3752	rBV2	290	206	0.01%	0.002%
92	13.164	3752	3755	3756	rBV	431	227	0.02%	0.002%
93	13.299	3793	3797	3801	rVB3	463	365	0.03%	0.003%
94	13.392	3822	3826	3829	rBV2	361	263	0.02%	0.002%
95	13.456	3838	3846	3848	rBV4	877	954	0.07%	0.009%
96	13.495	3856	3858	3865	rVB4	613	619	0.04%	0.006%
97	13.559	3865	3878	3887	rVV4	5791	10466	0.74%	0.094%
98	13.656	3904	3908	3916	rVB4	789	965	0.07%	0.009%
99	13.923	3983	3991	3998	rBV4	2023	2870	0.20%	0.026%
100	14.874	4282	4287	4293	rBV5	715	844	0.06%	0.008%

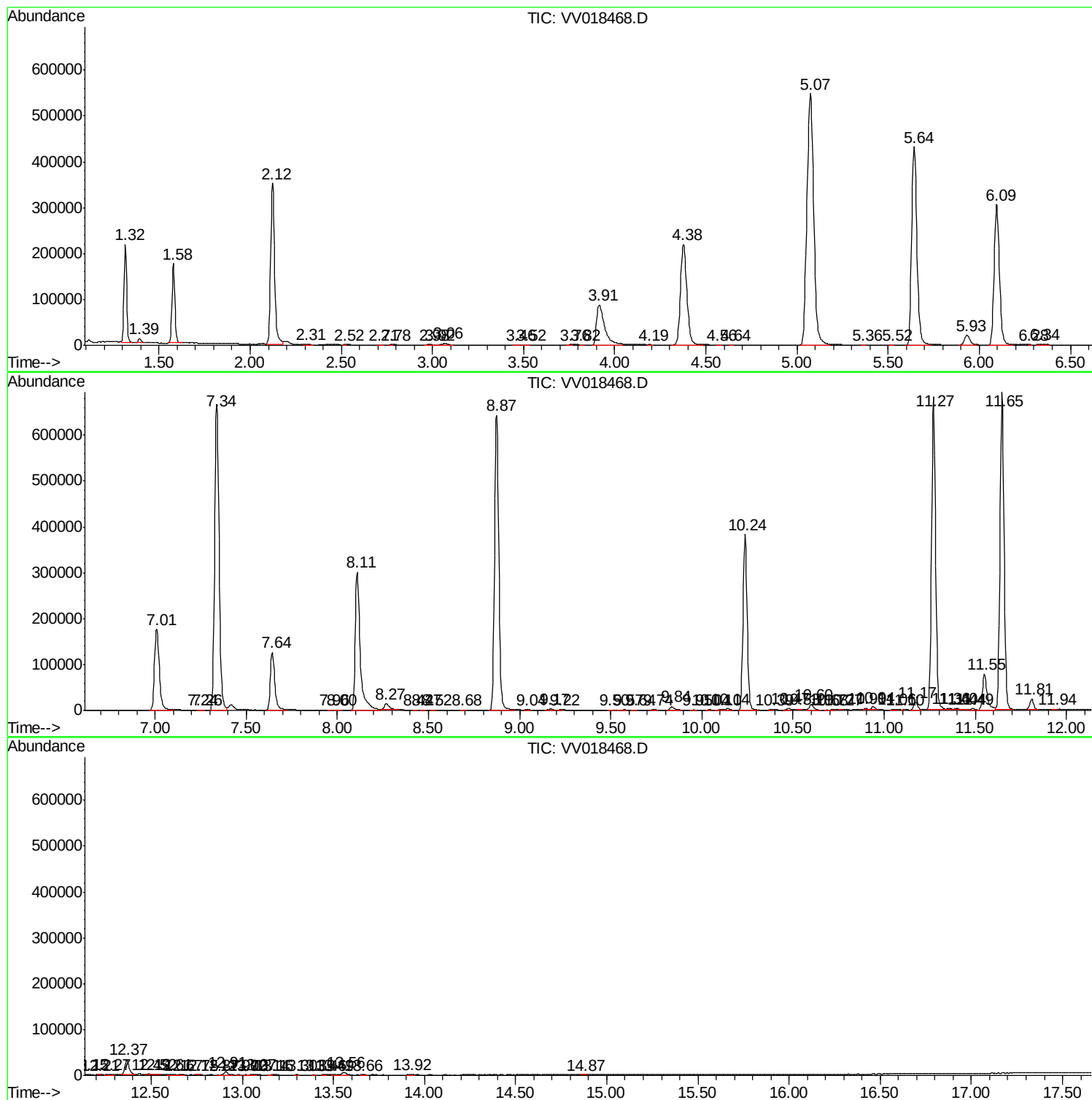
Sum of corrected areas: 11127681

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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



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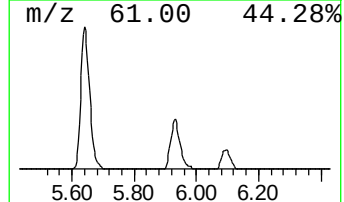
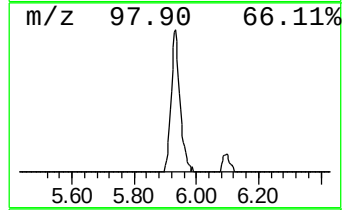
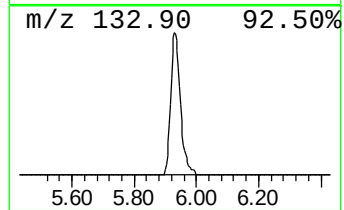
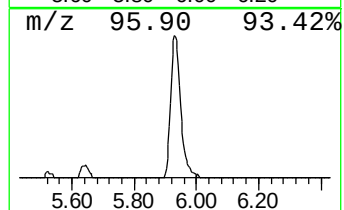
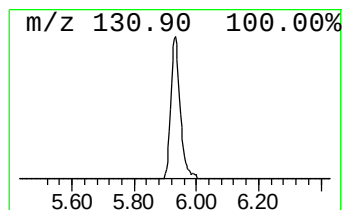
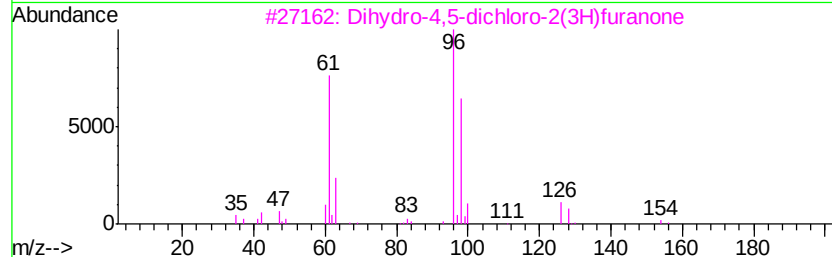
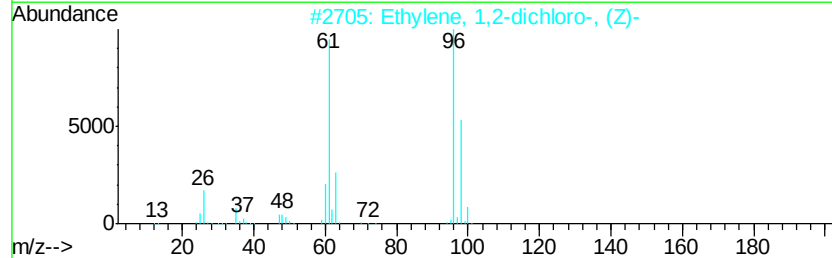
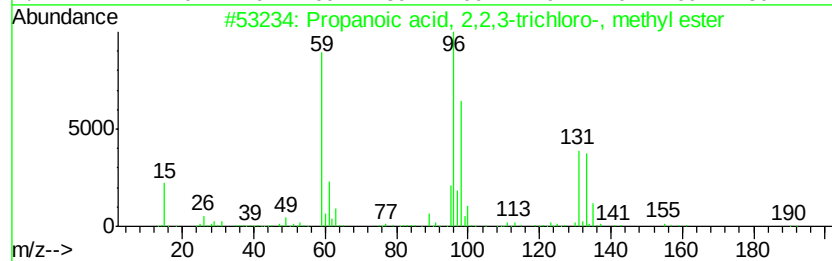
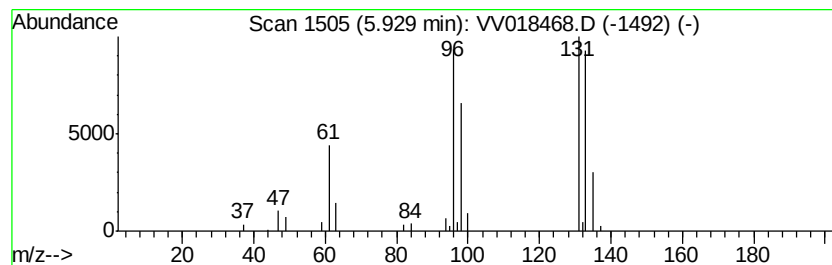
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Propanoic acid, 2,2,3-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.60 ug/L	44659	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	56
2		Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3		Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4		Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	9
5		Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	9



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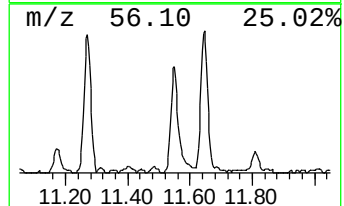
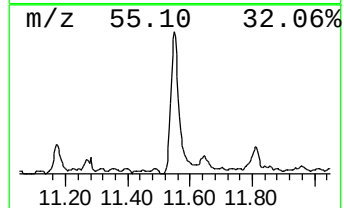
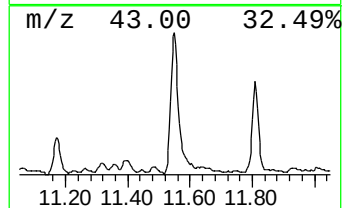
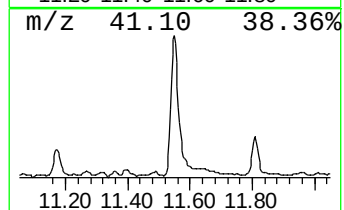
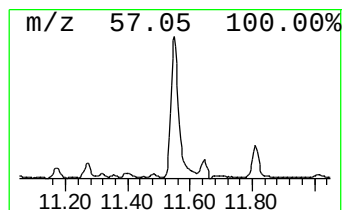
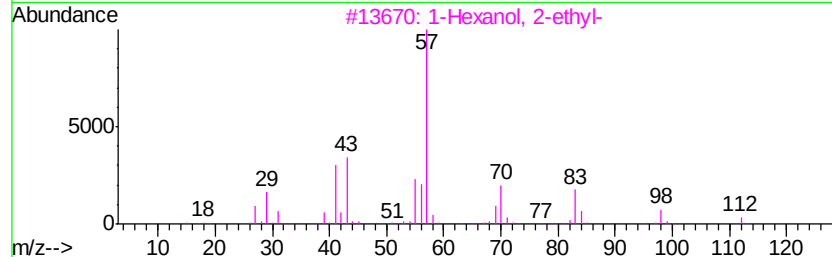
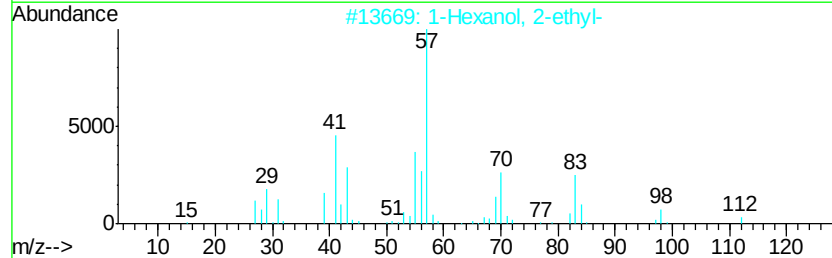
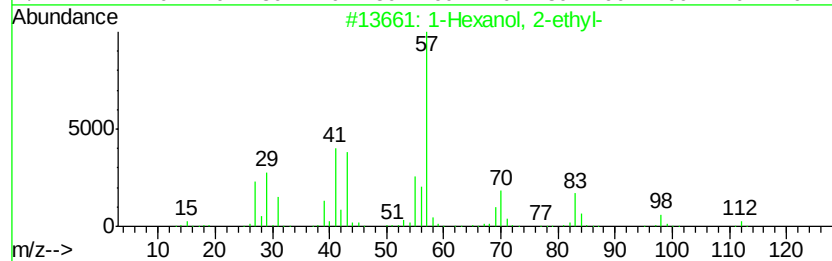
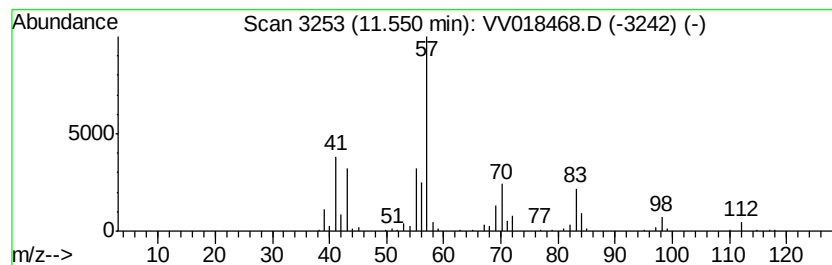
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Quant Title : VOC Analysis

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.55	6.75 ug/L	140844	1,4-Dichlorobenzene-d4		11.27	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	90
3	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	78
5	1-Pentanol, 2-ethyl-4-methyl-		130	C8H18O	000106-67-2	56



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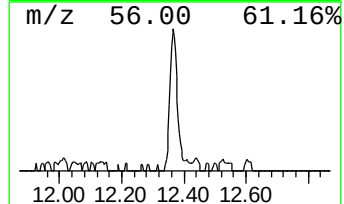
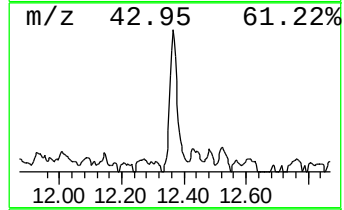
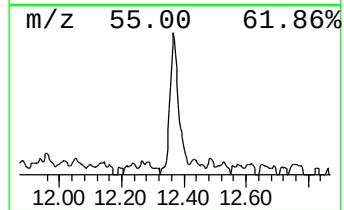
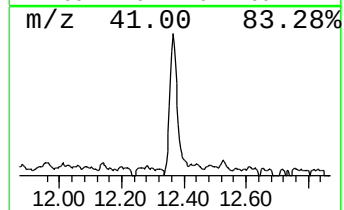
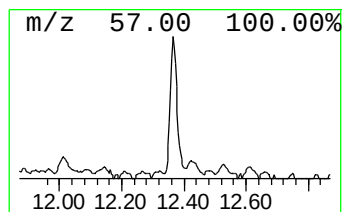
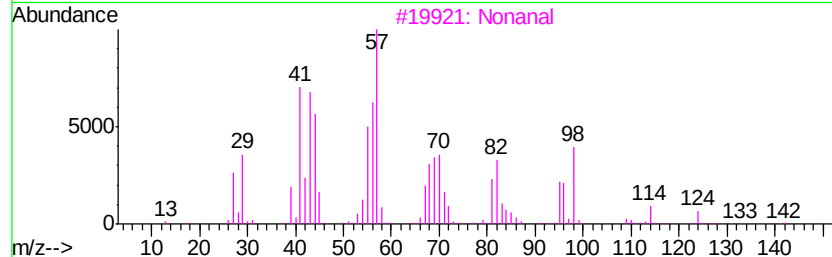
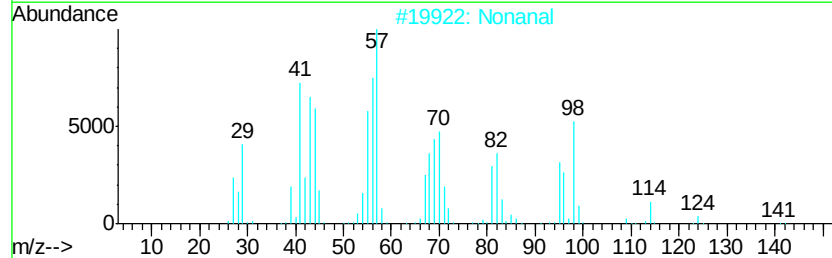
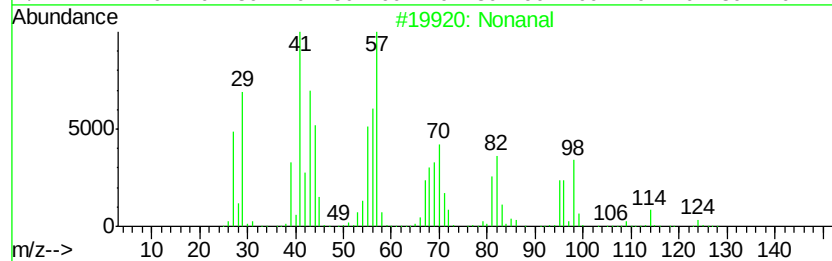
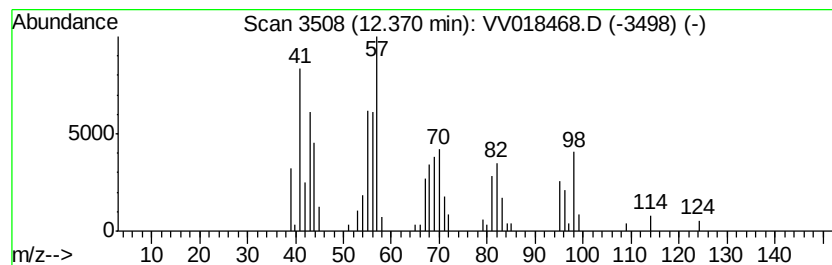
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Quant Title : VOC Analysis

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Peak Number 4 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.65 ug/L	55252	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	91
2		Nonanal	142	C9H18O	000124-19-6	90
3		Nonanal	142	C9H18O	000124-19-6	90
4		Nonanal	142	C9H18O	000124-19-6	83
5		Cycloheptane	98	C7H14	000291-64-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\DATA\VV092520\
Data File : VV018468.D
Acq On : 25 Sep 2020 20:02
Operator : SY/MD
Sample : L4149-03
Misc : 5.0mL/MSV0A_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSV0A_V
ClientSampleId :
BG3M4

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propanoic acid, 2...	5.93	2.6	ug/L	44659	1	5.64	858255	50.0
1-Hexanol, 2-ethyl-	11.55	6.8	ug/L	140844	3	11.27	1043240	50.0
Nonanal	12.37	2.6	ug/L	55252	3	11.27	1043240	50.0