

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018787.D
 Acq On : 09 Oct 2020 02:13
 Operator : SY/MD
 Sample : L4239-14DL 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Q8DL

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\SOMVLM100820WMA.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	85	rVB	233495	226858	15.60%	1.698%
2	1.576	144	151	170	rVB	198284	223206	15.35%	1.671%
3	2.122	311	321	338	rVB	378788	566927	38.99%	4.244%
4	2.782	513	526	545	rVB2	16867	35707	2.46%	0.267%
5	2.923	564	570	572	rVV3	405	394	0.03%	0.003%
6	2.952	576	579	580	rBV	268	130	0.01%	0.001%
7	3.061	601	613	628	rBV3	21027	45161	3.11%	0.338%
8	3.148	638	640	643	rBV	551	399	0.03%	0.003%
9	3.299	682	687	690	rBV3	707	518	0.04%	0.004%
10	3.319	690	693	695	rVB	489	254	0.02%	0.002%
11	3.370	706	709	712	rBV	253	200	0.01%	0.001%
12	3.412	720	722	724	rVB	325	109	0.01%	0.001%
13	3.454	732	735	736	rBV2	246	141	0.01%	0.001%
14	3.489	744	746	749	rVB2	398	141	0.01%	0.001%
15	3.553	764	766	767	rBV2	298	102	0.01%	0.001%
16	3.791	824	840	859	rBV3	25736	65612	4.51%	0.491%
17	3.904	864	875	912	rBV2	112899	385679	26.52%	2.887%
18	4.241	978	980	984	rBV2	427	304	0.02%	0.002%
19	4.315	1001	1003	1005	rBV	398	209	0.01%	0.002%
20	4.373	1005	1021	1047	rVV	229339	567976	39.06%	4.251%
21	4.637	1087	1103	1119	rBV2	81076	204422	14.06%	1.530%
22	4.836	1158	1165	1168	rBV2	356	372	0.03%	0.003%
23	4.910	1184	1188	1192	rBV2	355	291	0.02%	0.002%
24	4.933	1192	1195	1196	rBV2	286	161	0.01%	0.001%
25	4.981	1206	1210	1213	rBV2	349	283	0.02%	0.002%
26	5.071	1220	1238	1266	rBV2	562771	1454216	100.00%	10.885%
27	5.405	1340	1342	1344	rBV2	343	203	0.01%	0.002%
28	5.421	1344	1347	1349	rVV3	464	285	0.02%	0.002%
29	5.515	1372	1376	1379	rVV3	430	359	0.02%	0.003%
30	5.553	1384	1388	1390	rBV	521	379	0.03%	0.003%
31	5.566	1390	1392	1396	rVB2	442	300	0.02%	0.002%
32	5.585	1396	1398	1402	rVB	289	151	0.01%	0.001%
33	5.640	1402	1415	1448	rBV	398420	795759	54.72%	5.956%
34	5.926	1493	1504	1525	rBV2	44429	92628	6.37%	0.693%

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Integration Parameters: LSCINT.P

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 Title : VOC Analysis

35	6.026	1533	1535	1537	rBV2	377	219	0.02%	0.002%
36	6.093	1542	1556	1591	rBV	366014	731654	50.31%	5.477%
37	6.367	1639	1641	1643	rVB2	407	161	0.01%	0.001%
38	6.463	1667	1671	1672	rBV2	224	131	0.01%	0.001%
39	6.482	1675	1677	1681	rVB3	412	228	0.02%	0.002%
40	6.646	1723	1728	1731	rVB2	363	335	0.02%	0.003%
41	6.778	1766	1769	1770	rBV2	357	193	0.01%	0.001%
42	7.007	1829	1840	1860	rBV	190833	341093	23.46%	2.553%
43	7.261	1915	1919	1920	rBV2	794	612	0.04%	0.005%
44	7.338	1931	1943	1955	rBV	714720	1217147	83.70%	9.111%
45	7.408	1956	1965	1993	rVB	681314	1176104	80.88%	8.803%
46	7.643	2027	2038	2057	rBV	133324	236448	16.26%	1.770%
47	7.907	2118	2120	2123	rVV	518	263	0.02%	0.002%
48	7.923	2123	2125	2127	rVB	298	106	0.01%	0.001%
49	7.965	2134	2138	2140	rBV	285	228	0.02%	0.002%
50	8.000	2140	2149	2164	rVB2	7761	12866	0.88%	0.096%
51	8.106	2169	2182	2223	rBV2	321805	660985	45.45%	4.948%
52	8.473	2294	2296	2300	rVB2	530	325	0.02%	0.002%
53	8.511	2303	2308	2310	rBV	310	241	0.02%	0.002%
54	8.553	2319	2321	2323	rVB	471	162	0.01%	0.001%
55	8.566	2323	2325	2327	rBV2	328	162	0.01%	0.001%
56	8.582	2327	2330	2337	rVV3	405	386	0.03%	0.003%
57	8.643	2347	2349	2353	rBV2	296	211	0.01%	0.002%
58	8.762	2383	2386	2388	rBV2	426	324	0.02%	0.002%
59	8.775	2388	2390	2394	rVV2	342	267	0.02%	0.002%
60	8.817	2400	2403	2404	rVB	290	130	0.01%	0.001%
61	8.833	2404	2408	2409	rBV	398	267	0.02%	0.002%
62	8.871	2409	2420	2441	rBV	611203	981450	67.49%	7.346%
63	9.039	2463	2472	2481	rBV2	6013	10266	0.71%	0.077%
64	9.161	2502	2510	2524	rVB	18345	30636	2.11%	0.229%
65	9.299	2551	2553	2555	rBV2	219	122	0.01%	0.001%
66	9.370	2572	2575	2577	rBV2	247	155	0.01%	0.001%
67	9.434	2589	2595	2596	rBV4	430	426	0.03%	0.003%
68	9.495	2611	2614	2616	rBV	288	217	0.01%	0.002%
69	9.569	2629	2637	2650	rVB2	11465	18038	1.24%	0.135%
70	9.691	2672	2675	2676	rBV	287	149	0.01%	0.001%
71	9.723	2683	2685	2689	rVB2	278	186	0.01%	0.001%

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72	9.791	2704	2706	2713	rBV2	380	324	0.02%	0.002%
73	9.823	2714	2716	2719	rVB2	276	104	0.01%	0.001%
74	9.842	2719	2722	2725	rBV	200	198	0.01%	0.001%
75	9.875	2729	2732	2733	rBV	284	151	0.01%	0.001%
76	9.955	2752	2757	2766	rBV5	1239	1662	0.11%	0.012%
77	10.035	2777	2782	2786	rVB2	395	380	0.03%	0.003%
78	10.061	2786	2790	2792	rBV2	268	155	0.01%	0.001%
79	10.077	2792	2795	2797	rBV2	263	121	0.01%	0.001%
80	10.096	2797	2801	2804	rBV	234	247	0.02%	0.002%
81	10.158	2811	2820	2831	rBV3	2509	4314	0.30%	0.032%
82	10.238	2833	2845	2861	rBV	344123	536095	36.86%	4.013%
83	10.379	2880	2889	2899	rBV2	4371	6545	0.45%	0.049%
84	10.469	2908	2917	2932	rBV	16169	32727	2.25%	0.245%
85	10.563	2939	2946	2956	rVB3	7783	10990	0.76%	0.082%
86	10.640	2968	2970	2972	rBV	228	111	0.01%	0.001%
87	10.675	2978	2981	2982	rBV	225	117	0.01%	0.001%
88	10.714	2982	2993	3004	rBV	227533	345231	23.74%	2.584%
89	10.936	3052	3062	3074	rBV2	28510	44362	3.05%	0.332%
90	11.042	3083	3095	3106	rBV2	12219	20875	1.44%	0.156%
91	11.270	3155	3166	3186	rBV	712170	1076865	74.05%	8.061%
92	11.553	3246	3254	3262	rBV4	3492	5623	0.39%	0.042%
93	11.646	3271	3283	3304	rBV	760393	1169100	80.39%	8.751%
94	11.939	3367	3374	3377	rBV2	1143	1214	0.08%	0.009%
95	12.042	3401	3406	3407	rBV3	1101	1029	0.07%	0.008%
96	12.672	3598	3602	3603	rBV	782	601	0.04%	0.004%
97	12.727	3615	3619	3622	rBV	485	495	0.03%	0.004%
98	13.534	3864	3870	3877	rBV4	4425	6150	0.42%	0.046%
99	13.903	3984	3985	3988	rBV2	437	262	0.02%	0.002%
100	14.116	4046	4051	4058	rBV3	762	950	0.07%	0.007%

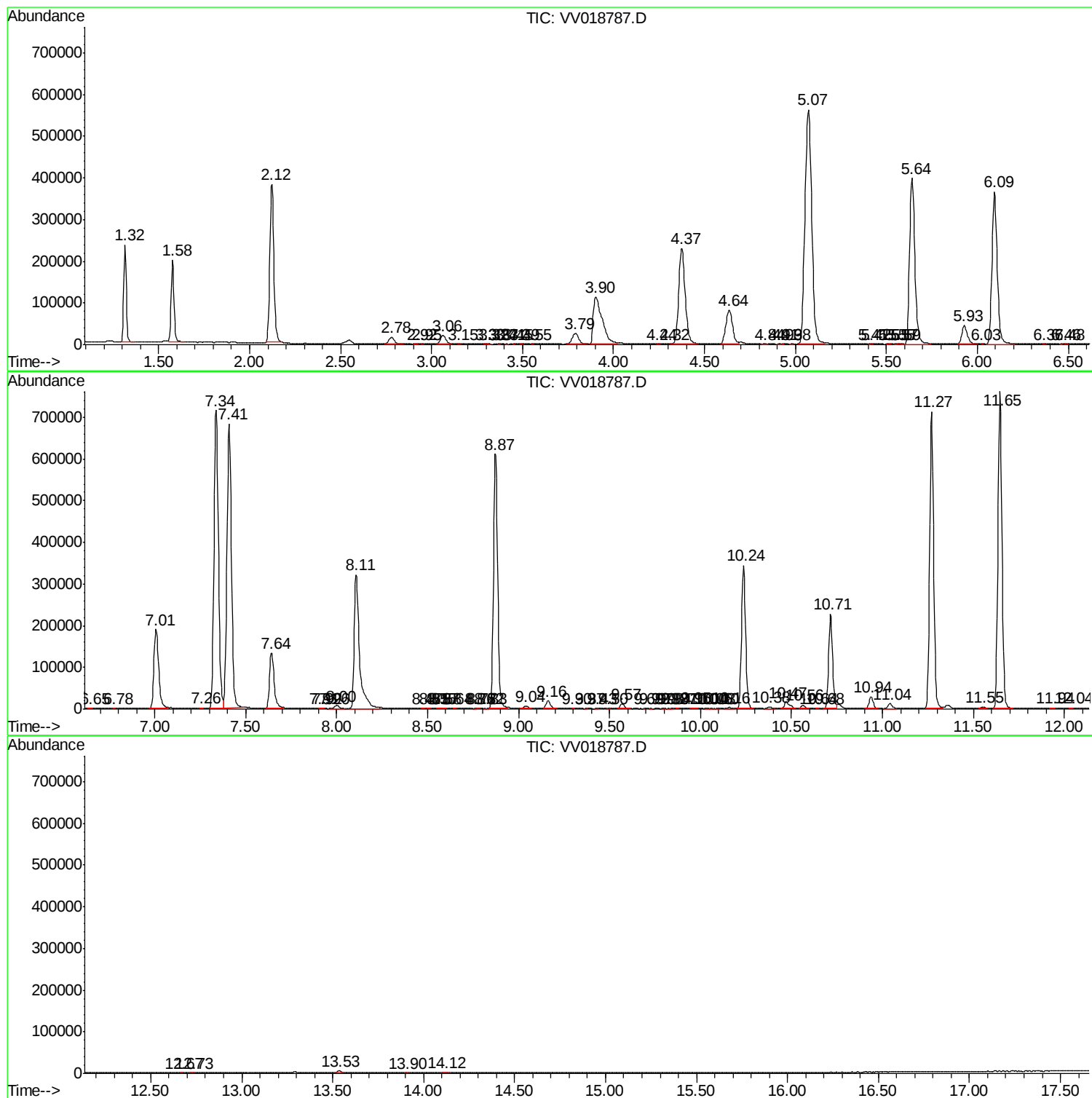
Sum of corrected areas: 13359727

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Quant Title : VOC Analysis

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



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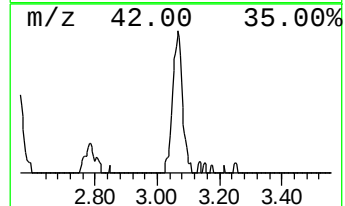
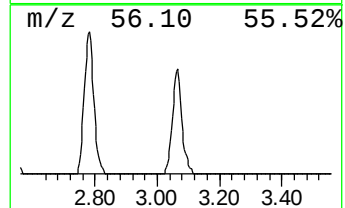
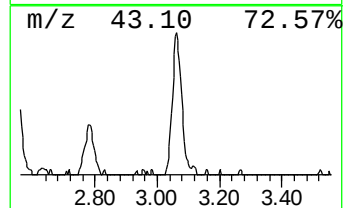
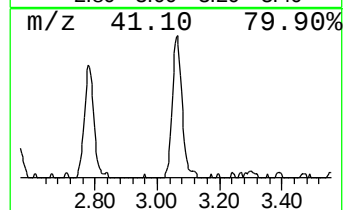
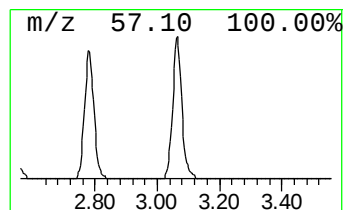
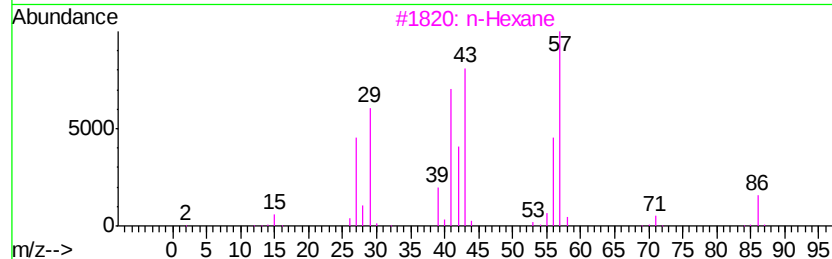
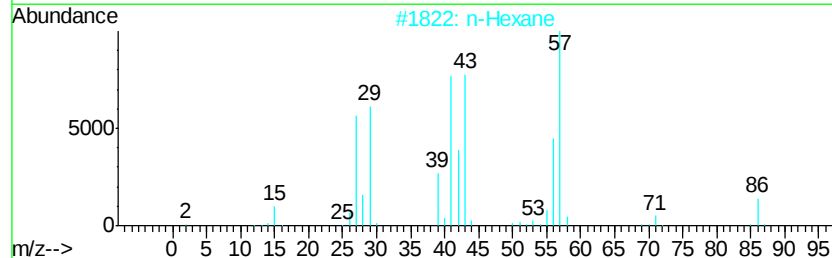
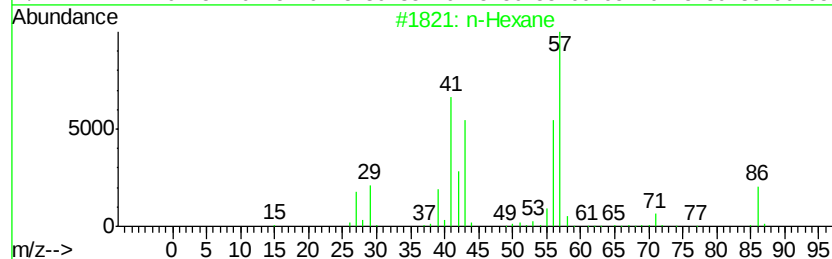
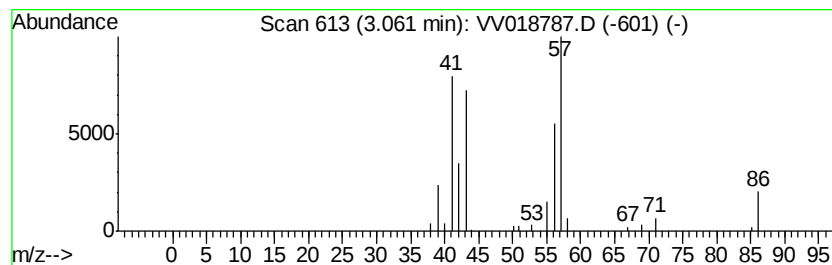
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	2.84 ug/L	45161	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	72
3		n-Hexane	86	C6H14	000110-54-3	56
4		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	42



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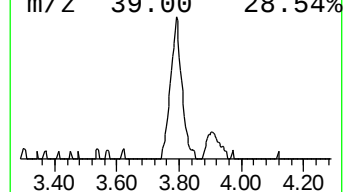
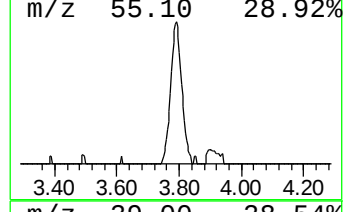
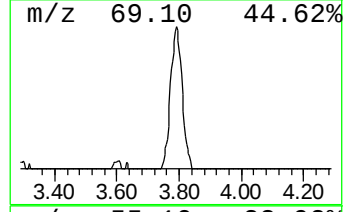
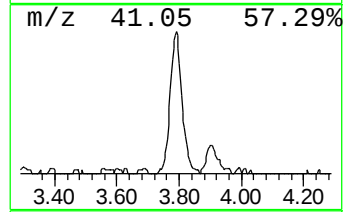
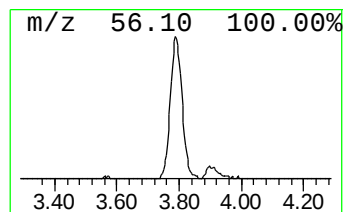
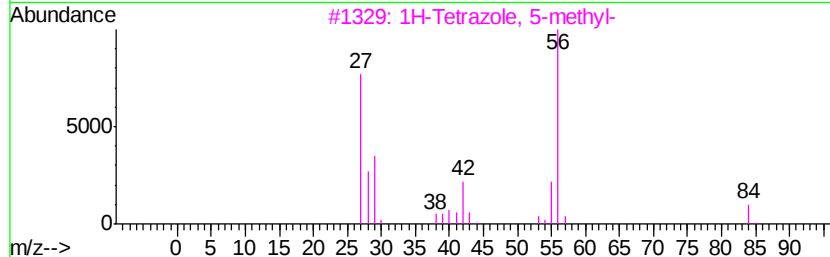
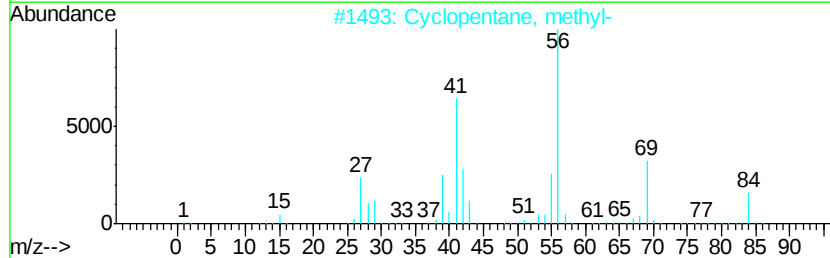
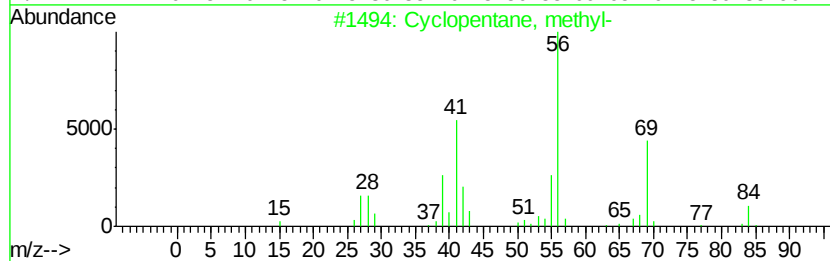
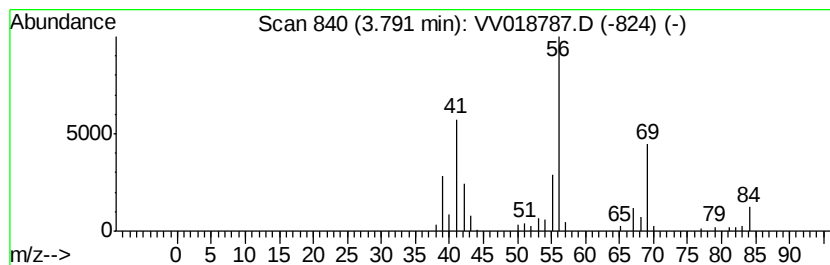
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic3.79 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.79	4.12 ug/L	65612	1,4-Difluorobenzene	5.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59
5	Cyclobutane	56	C4H8	000287-23-0	50



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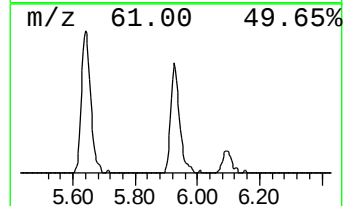
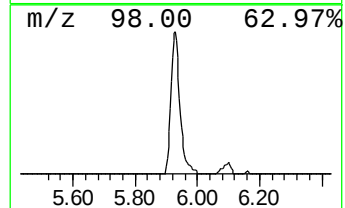
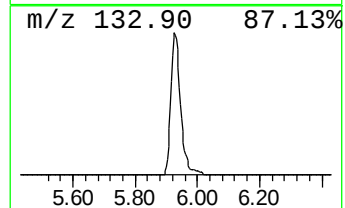
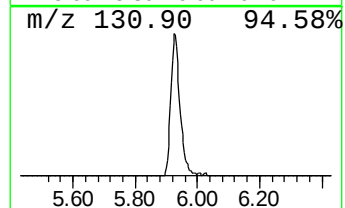
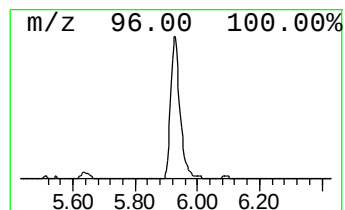
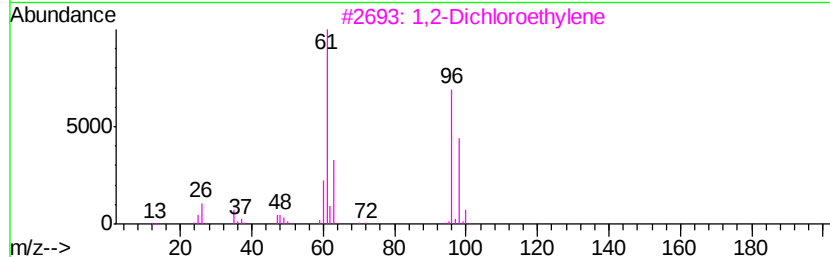
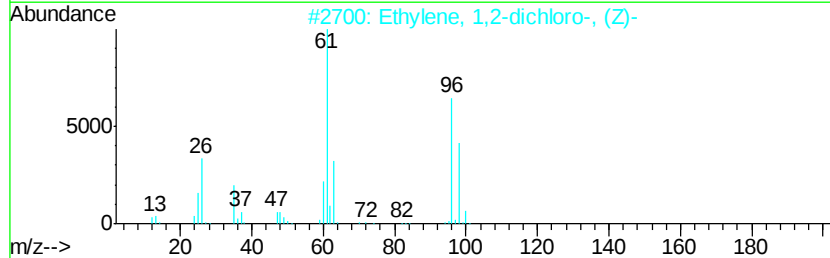
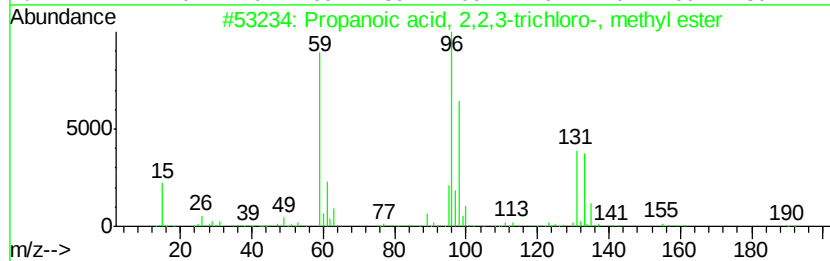
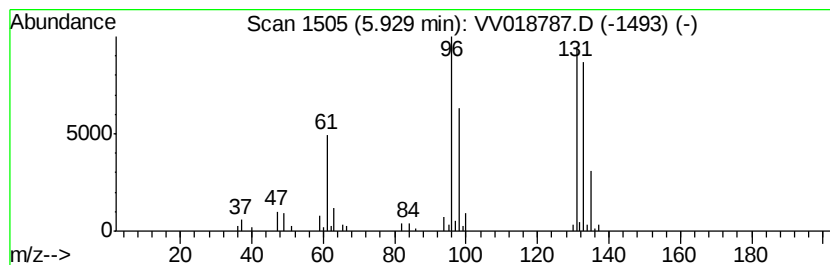
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	5.82 ug/L	92628	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	35
3		1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	35
4		Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
5		Ethylene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018787.D
 Acq On : 09 Oct 2020 02:13
 Operator : SY/MD
 Sample : L4239-14DL 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleID :
 BG3Q8DL

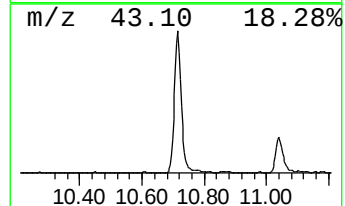
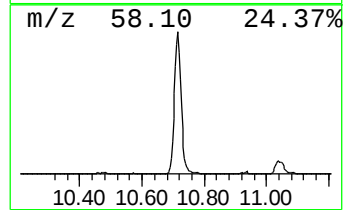
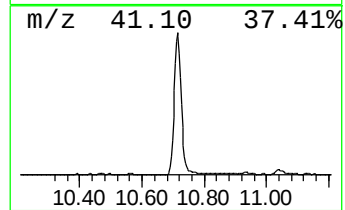
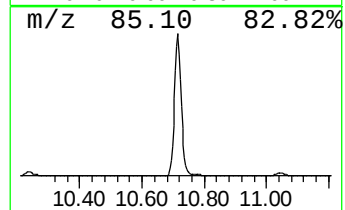
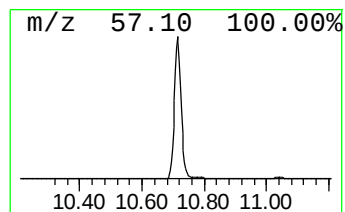
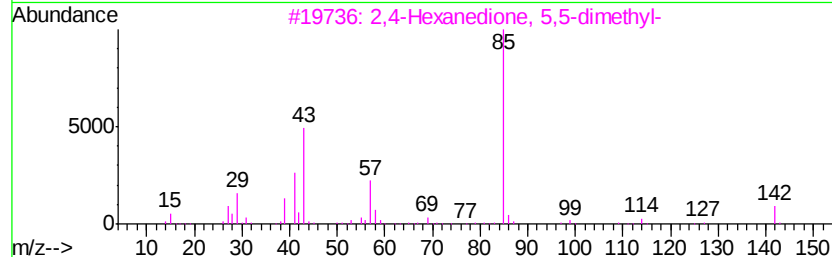
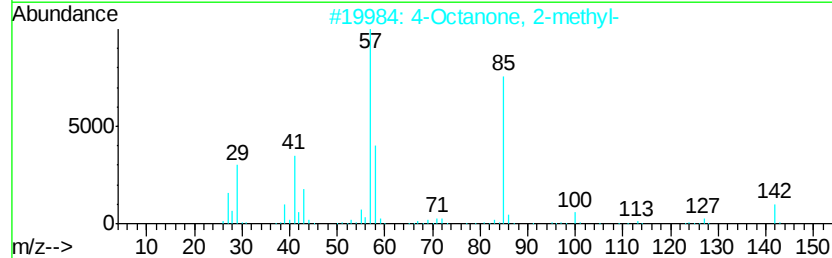
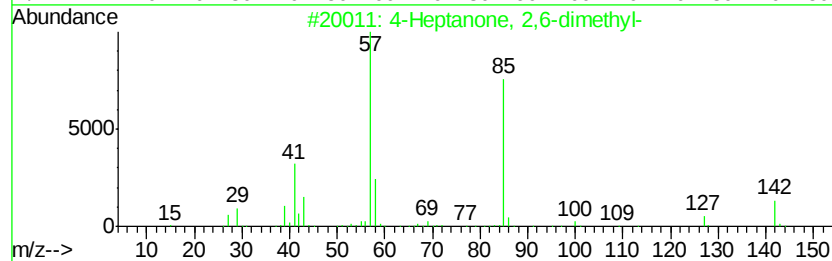
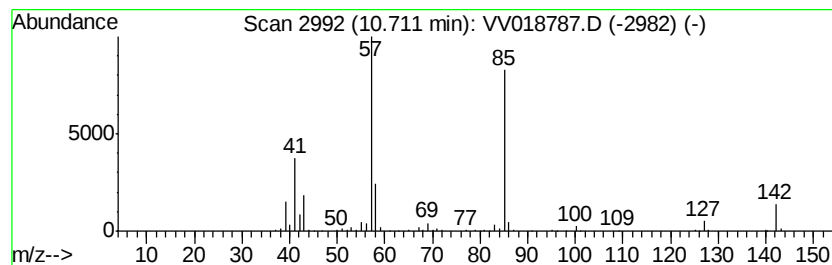
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 Quant Title : VOC Analysis

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

 Peak Number 5 4-Heptanone, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	16.03 ug/L	345231	1,4-Dichlorobenzene-d4	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2		4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
3		2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	59
4		5-Nonanone	142	C9H18O	000502-56-7	59
5		5-Nonanone	142	C9H18O	000502-56-7	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Q8DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.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
(DEL) Alkane: Str...	3.06	2.8	ug/L	45161	1	5.64	795759	50.0
(DEL) Alkane: Cyc...	3.79	4.1	ug/L	65612	1	5.64	795759	50.0
Propanoic acid, 2...	5.93	5.8	ug/L	92628	1	5.64	795759	50.0
4-Heptanone, 2,6-...	10.71	16.0	ug/L	345231	3	11.27	1076870	50.0