

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027151.D
 Acq On : 02 Aug 2022 01:47
 Operator : SY/MD
 Sample : N3956-10DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF07DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Title : VOC Analysis

Signal : TIC: VV027151.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	13	20	49	rBV	2505530	2571889	100.00%	11.653%
2	1.304	75	82	102	rVB	374765	428975	16.68%	1.944%
3	1.555	153	160	183	rVB	189789	231694	9.01%	1.050%
4	2.098	319	329	343	rVB	689205	966431	37.58%	4.379%
5	2.500	447	454	465	rVB2	18339	28482	1.11%	0.129%
6	2.568	465	475	482	rBV	26728	45712	1.78%	0.207%
7	2.838	549	559	565	rVV8	1703	2695	0.10%	0.012%
8	2.950	591	594	601	rBV2	436	407	0.02%	0.002%
9	3.018	609	615	617	rBV	605	568	0.02%	0.003%
10	3.037	617	621	629	rVV5	1076	1415	0.06%	0.006%
11	3.182	660	666	675	rVV5	1671	2977	0.12%	0.013%
12	3.285	690	698	699	rBV4	1988	2284	0.09%	0.010%
13	3.397	729	733	738	rBV4	418	414	0.02%	0.002%
14	3.651	804	812	817	rBV3	431	648	0.03%	0.003%
15	3.748	837	842	847	rBV2	716	877	0.03%	0.004%
16	3.770	847	849	852	rVB3	583	310	0.01%	0.001%
17	3.821	858	865	866	rBV4	956	1128	0.04%	0.005%
18	3.876	870	882	924	rBV	175982	529394	20.58%	2.399%
19	4.339	1008	1026	1062	rBV	415682	1045204	40.64%	4.736%
20	4.612	1107	1111	1113	rBV4	676	431	0.02%	0.002%
21	4.667	1122	1128	1139	rVB6	1822	3355	0.13%	0.015%
22	4.731	1146	1148	1152	rVB2	637	383	0.01%	0.002%
23	5.040	1226	1244	1252	rBV2	1043562	2537107	98.65%	11.495%
24	5.304	1324	1326	1327	rBV	883	359	0.01%	0.002%
25	5.329	1327	1334	1337	rVV6	2249	2894	0.11%	0.013%
26	5.481	1380	1381	1386	rVB3	577	371	0.01%	0.002%
27	5.612	1409	1422	1456	rBV	713654	1471762	57.22%	6.668%
28	5.825	1486	1488	1492	rBV5	605	378	0.01%	0.002%
29	5.902	1501	1512	1525	rBV7	18654	43743	1.70%	0.198%
30	6.063	1548	1562	1592	rBV	562624	1170947	45.53%	5.305%
31	6.378	1646	1660	1676	rBV4	5604	11827	0.46%	0.054%
32	6.490	1691	1695	1698	rBV2	414	344	0.01%	0.002%
33	6.577	1718	1722	1727	rVB4	594	528	0.02%	0.002%
34	6.635	1735	1740	1742	rBV3	990	832	0.03%	0.004%
35	6.702	1756	1761	1762	rBV3	525	388	0.02%	0.002%
36	6.728	1767	1769	1773	rVV3	595	332	0.01%	0.002%

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37	6.792	1784	1789	1792	rBV4	585	475	0.02%	0.002%
38	6.902	1808	1823	1837	rBV3	42528	84700	3.29%	0.384%
39	6.982	1837	1848	1878	rVB	286979	526097	20.46%	2.384%
40	7.201	1914	1916	1919	rVB2	536	315	0.01%	0.001%
41	7.249	1928	1931	1937	rVB4	807	824	0.03%	0.004%
42	7.313	1937	1951	1967	rBV	1184729	2051560	79.77%	9.295%
43	7.400	1968	1978	1997	rVB2	70238	202387	7.87%	0.917%
44	7.619	2034	2046	2077	rBV	198010	359071	13.96%	1.627%
45	7.789	2091	2099	2117	rVB5	21013	41661	1.62%	0.189%
46	7.886	2126	2129	2134	rVB5	443	316	0.01%	0.001%
47	7.969	2153	2155	2158	rBV4	804	560	0.02%	0.003%
48	8.014	2159	2169	2182	rVV	49553	87091	3.39%	0.395%
49	8.088	2182	2192	2225	rVV	604158	1134038	44.09%	5.138%
50	8.448	2293	2304	2315	rBV3	14680	25294	0.98%	0.115%
51	8.564	2337	2340	2343	rBV4	615	526	0.02%	0.002%
52	8.619	2354	2357	2360	rBV2	524	386	0.02%	0.002%
53	8.686	2374	2378	2383	rBV7	1213	1395	0.05%	0.006%
54	8.728	2388	2391	2396	rBV3	500	421	0.02%	0.002%
55	8.850	2417	2429	2431	rBV	1184719	1471396	57.21%	6.667%
56	9.146	2514	2521	2530	rVB3	7584	12531	0.49%	0.057%
57	9.342	2580	2582	2584	rBV2	596	304	0.01%	0.001%
58	9.387	2594	2596	2602	rVB4	733	502	0.02%	0.002%
59	9.468	2619	2621	2626	rVB3	410	352	0.01%	0.002%
60	9.548	2637	2646	2655	rBV3	9678	16427	0.64%	0.074%
61	9.828	2726	2733	2736	rVV4	968	1146	0.04%	0.005%
62	9.940	2761	2768	2774	rVB3	971	1256	0.05%	0.006%
63	9.998	2782	2786	2794	rVV4	837	1148	0.04%	0.005%
64	10.078	2799	2811	2827	rBV4	24988	42680	1.66%	0.193%
65	10.214	2840	2853	2877	rBV	846537	1321820	51.39%	5.989%
66	10.358	2891	2898	2905	rBV7	4143	5865	0.23%	0.027%
67	10.406	2905	2913	2931	rVB3	15116	30545	1.19%	0.138%
68	10.548	2949	2957	2960	rBV4	2330	2953	0.11%	0.013%
69	10.683	2994	2999	3003	rBV4	2135	2237	0.09%	0.010%
70	10.744	3011	3018	3022	rBV3	1418	1783	0.07%	0.008%
71	10.834	3042	3046	3048	rVB4	581	321	0.01%	0.001%
72	10.853	3048	3052	3054	rBV2	687	502	0.02%	0.002%
73	10.924	3064	3074	3079	rBV5	1800	2768	0.11%	0.013%
74	11.024	3096	3105	3114	rBV6	1700	2749	0.11%	0.012%
75	11.188	3148	3156	3162	rBV8	1273	2134	0.08%	0.010%
76	11.249	3162	3175	3188	rBV	1022898	1582934	61.55%	7.172%

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77	11.487	3245	3249	3253	rVB4	658	632	0.02%	0.003%
78	11.532	3257	3263	3270	rVB9	1184	1596	0.06%	0.007%
79	11.622	3278	3291	3313	rBV	1146796	1825371	70.97%	8.271%
80	11.741	3326	3328	3331	rBV4	621	400	0.02%	0.002%
81	12.139	3448	3452	3456	rBV2	376	402	0.02%	0.002%
82	12.400	3522	3533	3550	rVV3	16661	27410	1.07%	0.124%
83	12.535	3571	3575	3577	rBV3	1008	862	0.03%	0.004%
84	12.654	3605	3612	3616	rBV5	669	1006	0.04%	0.005%
85	12.699	3623	3626	3632	rBV3	452	393	0.02%	0.002%
86	12.786	3649	3653	3656	rBV3	669	617	0.02%	0.003%
87	12.892	3684	3686	3688	rVB	593	295	0.01%	0.001%
88	13.201	3780	3782	3785	rBV2	681	342	0.01%	0.002%
89	13.435	3852	3855	3859	rBV2	440	305	0.01%	0.001%
90	13.480	3861	3869	3876	rBV6	3646	5533	0.22%	0.025%
91	13.606	3903	3908	3910	rBV3	541	504	0.02%	0.002%
92	13.760	3953	3956	3959	rBV3	548	388	0.02%	0.002%
93	13.776	3959	3961	3965	rVB4	535	378	0.01%	0.002%
94	13.799	3966	3968	3971	rBV2	429	304	0.01%	0.001%
95	13.905	3991	4001	4015	rBV5	36966	59241	2.30%	0.268%
96	14.763	4266	4268	4272	rBV2	545	297	0.01%	0.001%
97	14.966	4324	4331	4340	rBV6	9627	13661	0.53%	0.062%
98	15.091	4368	4370	4374	rBV2	656	454	0.02%	0.002%
99	15.506	4495	4499	4503	rBV6	971	920	0.04%	0.004%
100	15.609	4529	4531	4533	rBV2	873	379	0.01%	0.002%

Sum of corrected areas: 22070645

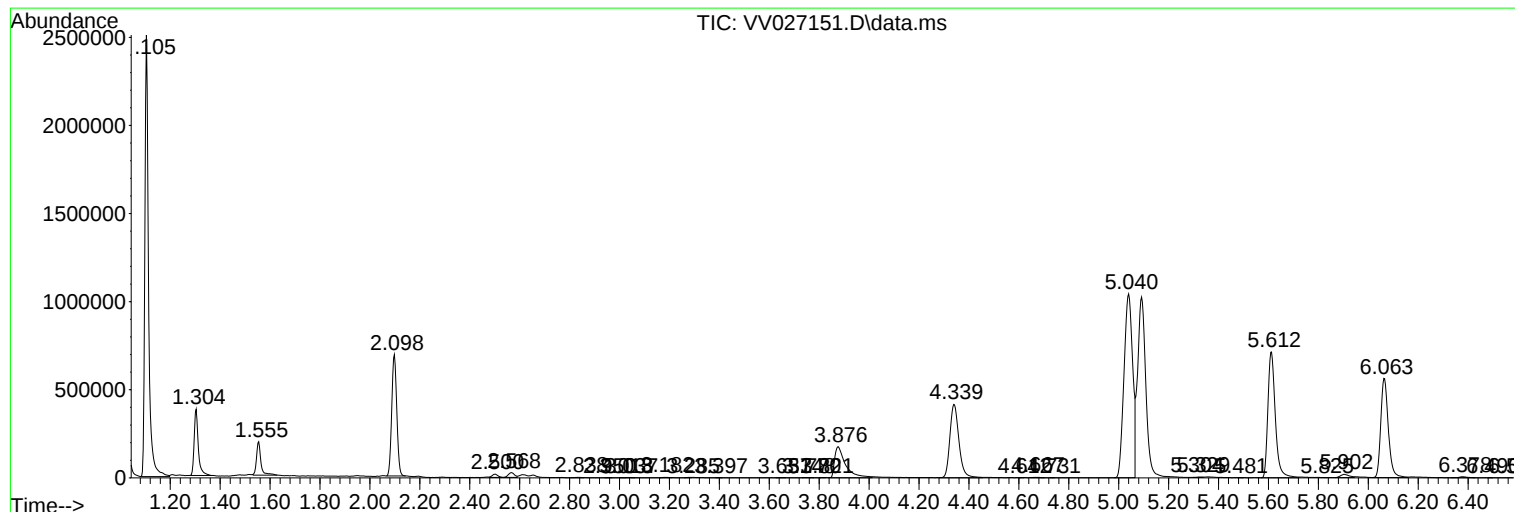
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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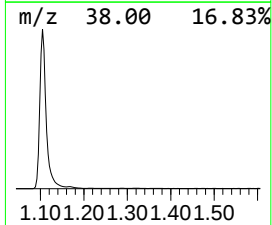
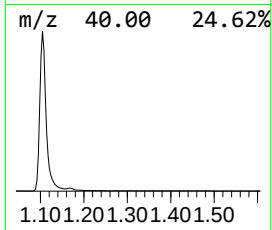
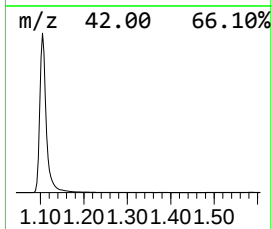
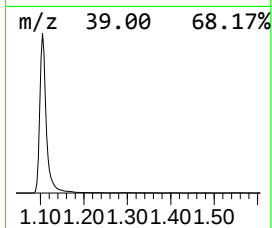
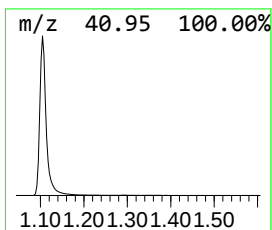
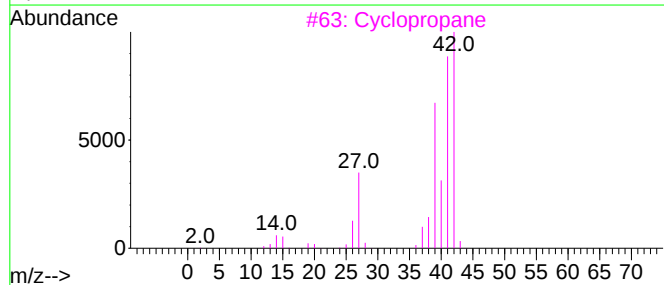
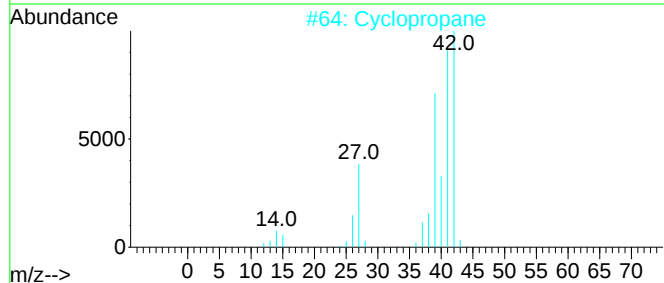
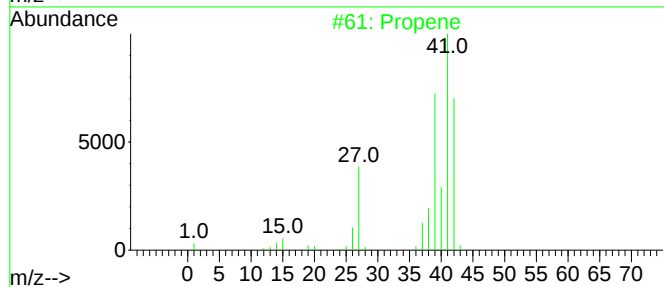
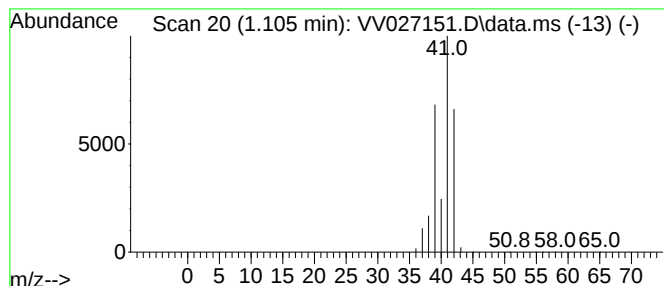
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.105	87.37 ug/L	2571890	1,4-Difluorobenzene	5.612

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propene	42	C3H6	000115-07-1	86
2		Cyclopropane	42	C3H6	000075-19-4	80
3		Cyclopropane	42	C3H6	000075-19-4	72
4		Propene	42	C3H6	000115-07-1	47
5		Cyclopropene	40	C3H4	002781-85-3	16



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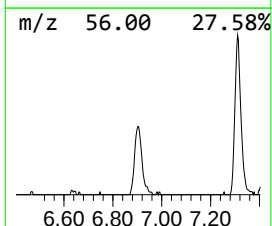
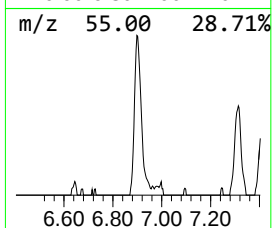
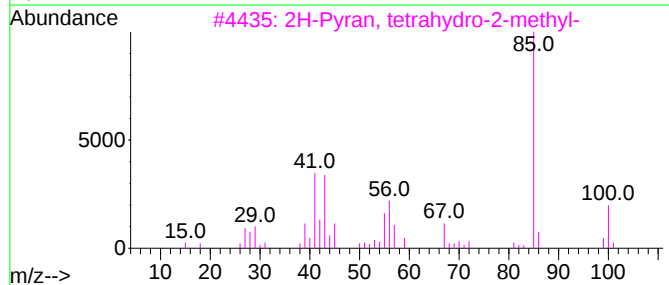
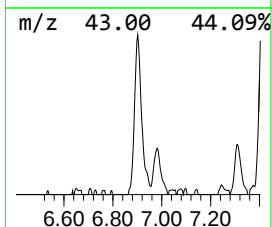
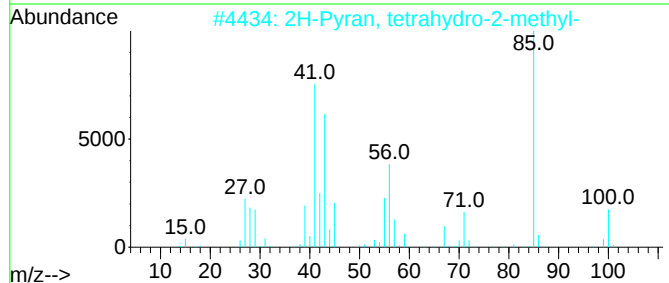
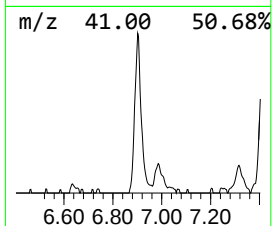
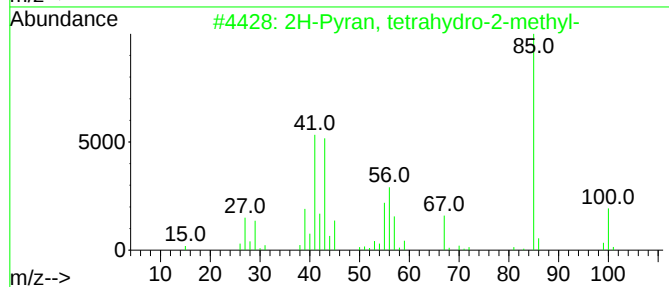
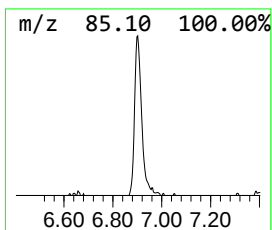
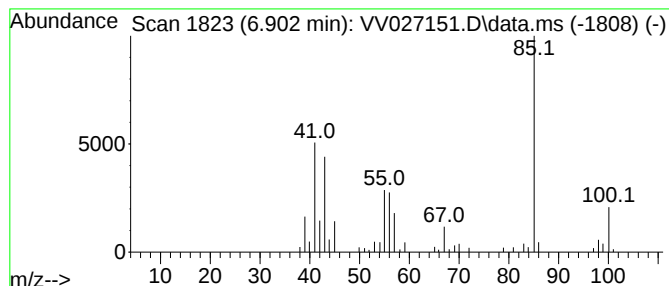
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.902	2.88 ug/L	84700	1,4-Difluorobenzene	5.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-			100	C6H12O	010141-72-7	94
2	2H-Pyran, tetrahydro-2-methyl-			100	C6H12O	010141-72-7	90
3	2H-Pyran, tetrahydro-2-methyl-			100	C6H12O	010141-72-7	83
4	2H-Pyran, tetrahydro-2-methyl-			100	C6H12O	010141-72-7	78
5	1-Methoxy-3-methyl-2-butene			100	C6H12O	022093-99-8	74



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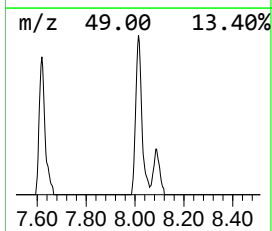
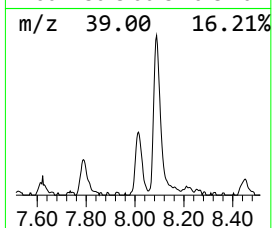
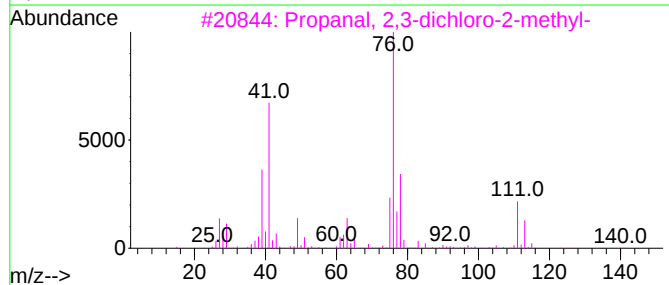
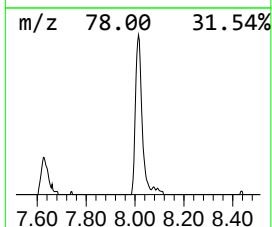
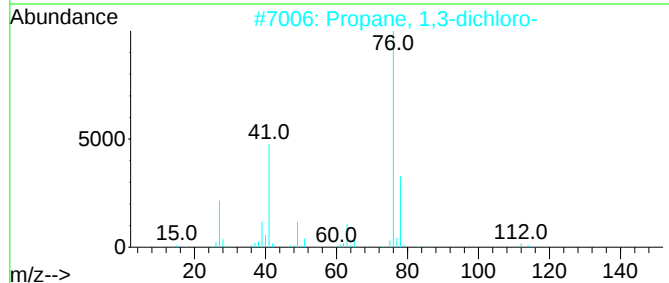
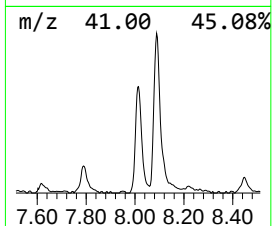
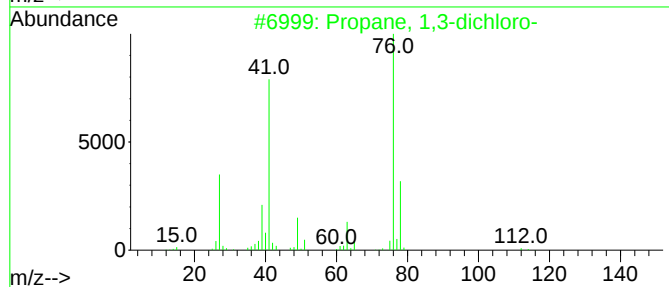
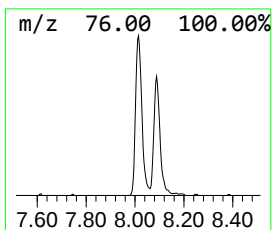
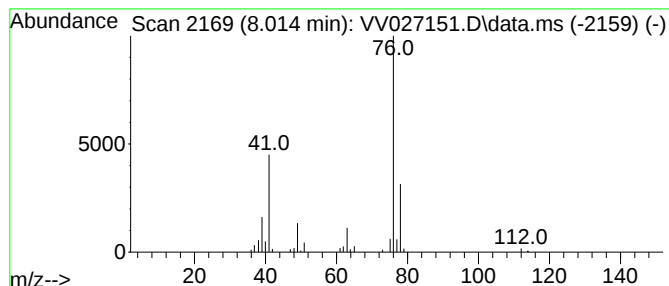
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Propane, 1,3-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.014	2.96 ug/L	87091	Chlorobenzene-d5	8.850

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	91
2			Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	91
3			Propanal, 2,3-dichloro-2-methyl-	140	C4H6Cl2O	010141-22-7	64
4			3-Chloropropyl formate	122	C4H7ClO2	001487-44-1	43
5			Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027151.D
Acq On : 02 Aug 2022 01:47
Operator : SY/MD
Sample : N3956-10DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF07DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.105	87.4	ug/L	2571890	1	5.612	1471760	50.0
2H-Pyran, tetra...	6.902	2.9	ug/L	84700	1	5.612	1471760	50.0
Propane, 1,3-di...	8.014	3.0	ug/L	87091	2	8.850	1471400	50.0